

COMUNE DI COLONNA

CITTA' METROPOLITANA DI ROMA CAPITALE

MANUTENZIONE STRAORDINARIA EDIFICI ANNESSI E SISTEMAZIONE AREE ESTERNE ISTITUTO SCOLASTICO

(Decreto Interministeriale n.47 del 03/01/2018)

PROGETTO ESECUTIVO

LIVELLO DI PROGETTAZIONE:	NOME FILE:	REVISIONE	DATA	SOSTITUISCE
PROGETTO ESECUTIVO	ALL.S	rev.00	10/08/2021	/
COMMESSA	E 1655			
<p>_____ Dott. Ing. Catia Bianchi</p>				
PROGETTO STRUTTURALE PALESTRA: RELAZIONE DI CALCOLO POST OPERAM				ALL.S.17
COMMITTENTE	PROGETTAZIONE E OPERE DI INGEGNERIA			
Comune di Colonna				



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

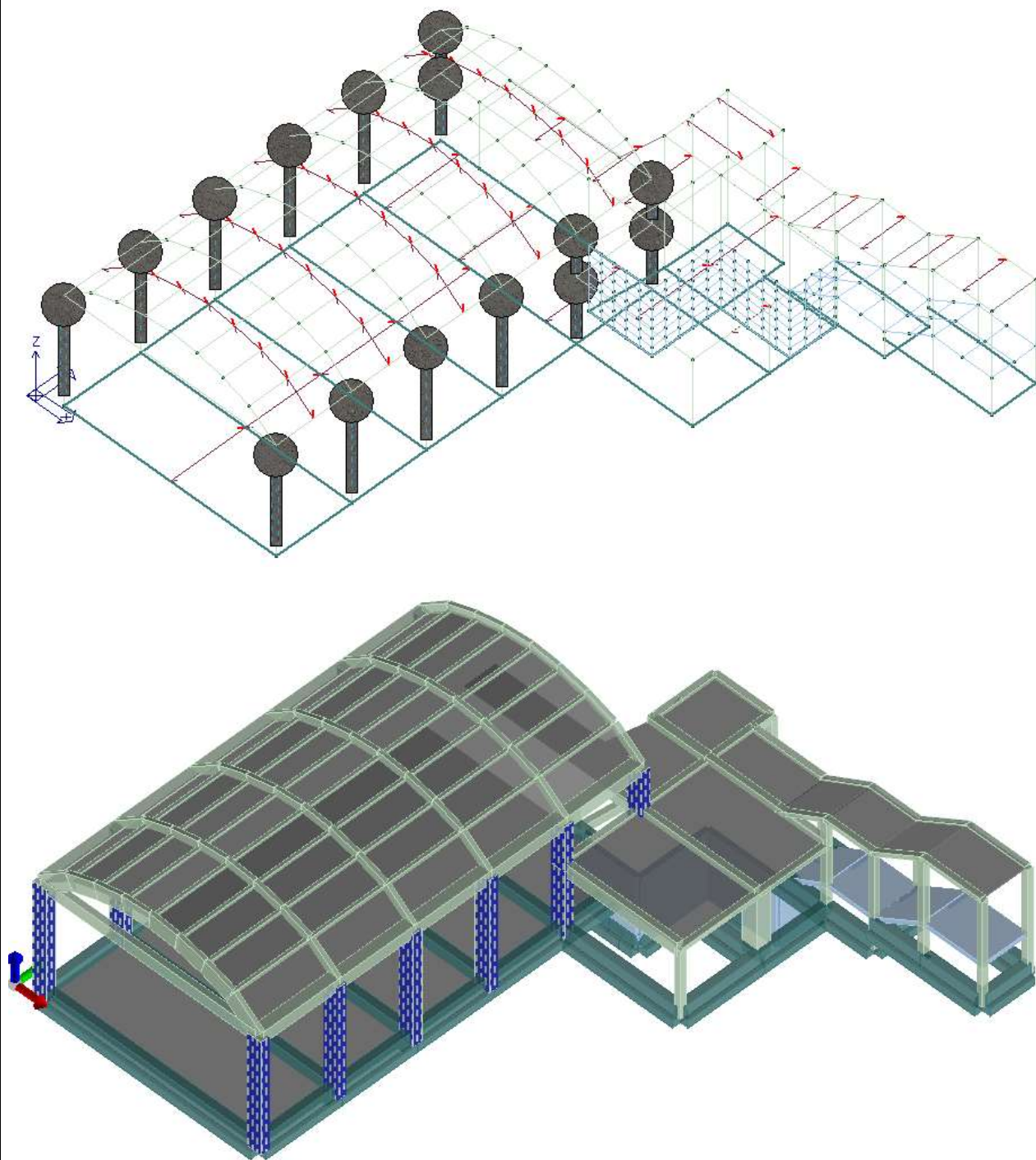
Origine e Caratteristiche dei Codici di Calcolo	
Codice di calcolo:	PRO_SAP PROfessional Structural Analysis Program
Versione:	PROFESSIONAL (build 2021-05-192)
Produttore-Distributore:	2S.I. Software e Servizi per l'Ingegneria s.r.l. Via Garibaldi, 90 44121 Ferrara FE (Italy) Tel. +39 0532 200091 www.2si.it

Descrizione	
Ubicazione	Comune di COLONNA (RM) (Regione LAZIO)
	Località COLONNA (RM)
	Longitudine 12.752, Latitudine 41.835
Progettista	Ing. Catia Bianchi

In merito al punto 10.2 delle Norme Tecniche per le Costruzioni (*Affidabilità dei codici utilizzati*), si fa riferimento al **Documento di Affidabilità** “Test di validazione del software di calcolo PRO_SAP e dei moduli aggiuntivi PRO_SAP Modulo Geotecnico, PRO_CAD nodi acciaio e PRO_MST” disponibile per il download sul sito: <https://www.2si.it/it/prodotti/affidabilita/>

INTESTAZIONE E CONTENUTI DELLA RELAZIONE

MODELLO



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RELAZIONE DI CALCOLO STRUTTURALE

Premessa

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

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

Descrizione generale dell'opera

Descrizione generale dell'opera	
Fabbricato ad uso	SCOLASTICO
Ubicazione	Comune di COLONNA (RM) (Regione LAZIO)
	Località COLONNA (RM)
	Longitudine 12.752, Latitudine 41.835
Numero vani scale	UNO
Numero vani ascensore	NESSUNO
Tipo di fondazione	SUPERFICIALI

Parametri della struttura				
Classe d'uso	Vita [anni]	Vn	Coeff. Uso	Periodo Vr [anni]
III	50.0	1.5		75.0

Quadro normativo di riferimento adottato

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

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

Livelli di conoscenza e fattori di confidenza

Il livello di conoscenza, per edifici esistenti è **LC1**

Pertanto il fattore di confidenza è **FC1**

Azioni di progetto sulla costruzione

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

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

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

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

$$\mathbf{K} * \mathbf{u} = \mathbf{F}$$

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

Modello numerico

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

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

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 2021-05-192)
Produttore-Distributore:	2S.I. Software e Servizi per l'Ingegneria s.r.l., Ferrara

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

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

Modellazione della geometria e proprietà meccaniche:	
nodi	291
elementi D2 (per aste, travi, pilastri...)	272
elementi D3 (per pareti, platee, gusci...)	145
elementi solaio	55
elementi solidi	0
Dimensione del modello strutturale [cm]:	
X min =	121.14
Xmax =	2733.91
Ymin =	35.92
Ymax =	2780.93
Zmin =	-360.00
Zmax =	810.00
Strutture verticali:	
Elementi di tipo asta	NO
Pilastri	SI
Pareti	SI
Setti (a comportamento membranale)	NO
Strutture non verticali:	
Elementi di tipo asta	NO

Travi	SI
Gusci	SI
Membrane	NO
Orizzontamenti:	
Solai con la proprietà piano rigido	SI
Solai senza la proprietà piano rigido	SI
Tipo di vincoli:	
Nodi vincolati rigidamente	NO
Nodi vincolati elasticamente	NO
Nodi con isolatori sismici	NO
Fondazioni puntuali (plinti/plinti su palo)	NO
Fondazioni di tipo trave	SI
Fondazioni di tipo platea	NO
Fondazioni con elementi solidi	NO

Modellazione delle azioni

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

Combinazioni e/o percorsi di carico

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

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

Principali risultati

I risultati devono costituire una sintesi completa ed efficace, presentata in modo da riassumere il comportamento della struttura, per ogni tipo di analisi svolta.

2.8.1. Risultati dell'analisi modale

Viene riportato il tipo di analisi modale condotta, restituiti i risultati della stessa e valutate le informazioni

desumibili in merito al comportamento della struttura.

2.8.2. Deformate e sollecitazioni per condizioni di carico

Vengono riportati i principali risultati atti a descrivere il comportamento della struttura, in termini di stati di sollecitazione e di deformazione generalizzata, distinti per condizione elementare di carico o per combinazioni omogenee delle stesse.

2.8.3. Inviluppo delle sollecitazioni maggiormente significative.

L'analisi e la restituzione degli involuppi (nelle combinazioni considerate agli SLU e agli SLE) delle caratteristiche di sollecitazione devono essere finalizzate alla valutazione dello stato di sollecitazione nei diversi elementi della struttura.

2.8.4. Reazioni vincolari

Vengono riportate le reazioni dei vincoli nelle singole condizioni di carico e/o nelle combinazioni considerate.

2.8.5. Altri risultati significativi

Nella presente parte vengono riportati tutti gli altri risultati che il progettista ritiene di interesse per la descrizione e la comprensione del/i modello/i e del comportamento della struttura.

La presente relazione, oltre ad illustrare in modo esaustivo i dati in ingresso ed i risultati delle analisi in forma tabellare, riporta una serie di immagini:

per i dati in ingresso:

- modello solido della struttura
- numerazione di nodi e ed elementi
- configurazioni di carico statiche
- configurazioni di carico sismiche con baricentri delle masse e eccentricità

per le combinazioni più significative (statisticamente più gravose per la struttura):

- configurazioni deformate
- diagrammi e involuppi delle azioni interne
- mappe delle tensioni
- reazioni vincolari
- mappe delle pressioni sul terreno

per il progetto-verifica degli elementi:

- diagrammi di armatura
- percentuali di sfruttamento
- mappe delle verifiche più significative per i vari stati limite

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 duttilità, di degrado.

Verifiche agli stati limite di esercizio

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

RELAZIONE SUI MATERIALI

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

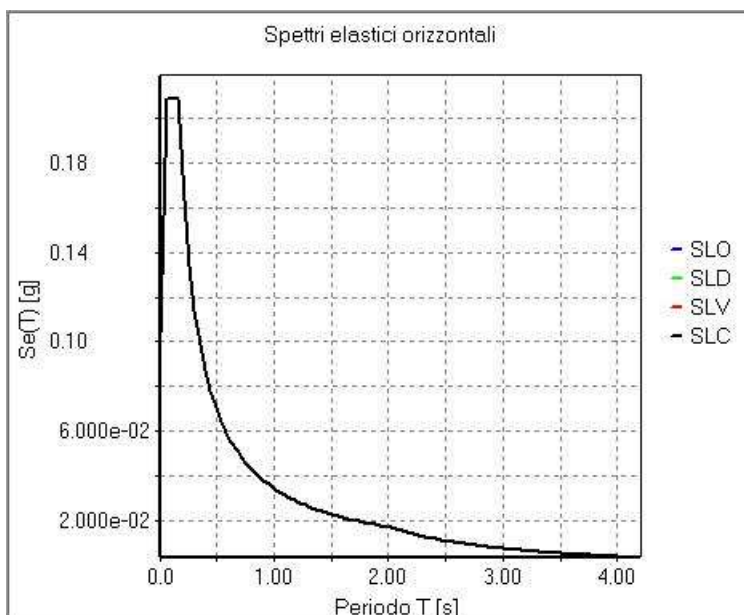
NORMATIVA DI RIFERIMENTO

1. D.Min. Infrastrutture Min. Interni e Prot. Civile 17 Gennaio 2018 e allegate "Norme tecniche per le costruzioni".
2. Circolare 21/01/19, n. 7 C.S.LL.PP "Istruzioni per l'applicazione dell'aggiornamento delle Norme Tecniche delle Costruzioni di cui al decreto ministeriale 17 gennaio 2018"
3. D.Min. Infrastrutture e trasporti 14 Settembre 2005 e allegate "Norme tecniche per le costruzioni".
4. D.M. LL.PP. 9 Gennaio 1996 "Norme tecniche per il calcolo, l'esecuzione ed il collaudo delle strutture in cemento armato, normale e precompresso e per le strutture metalliche".
5. D.M. LL.PP. 16 Gennaio 1996 "Norme tecniche relative ai <<Criteri generali per la verifica di sicurezza delle costruzioni e dei carichi e sovraccarichi>>".
6. D.M. LL.PP. 16 Gennaio 1996 "Norme tecniche per le costruzioni in zone sismiche".
7. Circolare 4/07/96, n.156AA.GG./STC. istruzioni per l'applicazione delle "Norme tecniche relative ai <<Criteri generali per la verifica di sicurezza delle costruzioni e dei carichi e sovraccarichi>>" di cui al D.M. 16/01/96.
8. Circolare 10/04/97, n.65AA.GG. istruzioni per l'applicazione delle "Norme tecniche per le costruzioni in zone sismiche" di cui al D.M. 16/01/96.
9. D.M. LL.PP. 20 Novembre 1987 "Norme tecniche per la progettazione, esecuzione e collaudo degli edifici in muratura e per il loro consolidamento".
10. Circolare 4 Gennaio 1989 n. 30787 "Istruzioni in merito alle norme tecniche per la progettazione, esecuzione e collaudo degli edifici in muratura e per il loro consolidamento".
11. D.M. LL.PP. 11 Marzo 1988 "Norme tecniche riguardanti le indagini sui terreni e sulle rocce, la stabilità dei pendii naturali e delle scarpate, i criteri generali e le prescrizioni per la progettazione, l'esecuzione e il collaudo delle opere di sostegno delle terre e delle opere di fondazione".
12. D.M. LL.PP. 3 Dicembre 1987 "Norme tecniche per la progettazione, esecuzione e collaudo delle costruzioni prefabbricate".
13. UNI 9502 - Procedimento analitico per valutare la resistenza al fuoco degli elementi costruttivi di conglomerato cementizio armato, normale e precompresso - edizione maggio 2001
14. Ordinanza del Presidente del Consiglio dei Ministri n. 3274 del 20 marzo 2003 "Primi elementi in materia di criteri generali per la classificazione sismica del territorio nazionale e di normative tecniche per le costruzioni in zona sismica" e successive modificazioni e integrazioni.
15. UNI EN 1990:2006 13/04/2006 Eurocodice 0 - Criteri generali di progettazione strutturale.
16. UNI EN 1991-1-1:2004 01/08/2004 Eurocodice 1 - Azioni sulle strutture - Parte 1-1: Azioni in generale - Pesì per unità di volume, pesì propri e sovraccarichi per gli edifici.
17. UNI EN 1991-2:2005 01/03/2005 Eurocodice 1 - Azioni sulle strutture - Parte 2: Carichi da traffico sui ponti.
18. UNI EN 1991-1-3:2004 01/10/2004 Eurocodice 1 - Azioni sulle strutture - Parte 1-3: Azioni in generale - Carichi da neve.
19. UNI EN 1991-1-4:2005 01/07/2005 Eurocodice 1 - Azioni sulle strutture - Parte 1-4: Azioni in generale - Azioni del vento.
20. UNI EN 1991-1-5:2004 01/10/2004 Eurocodice 1 - Azioni sulle strutture - Parte 1-5: Azioni in generale -

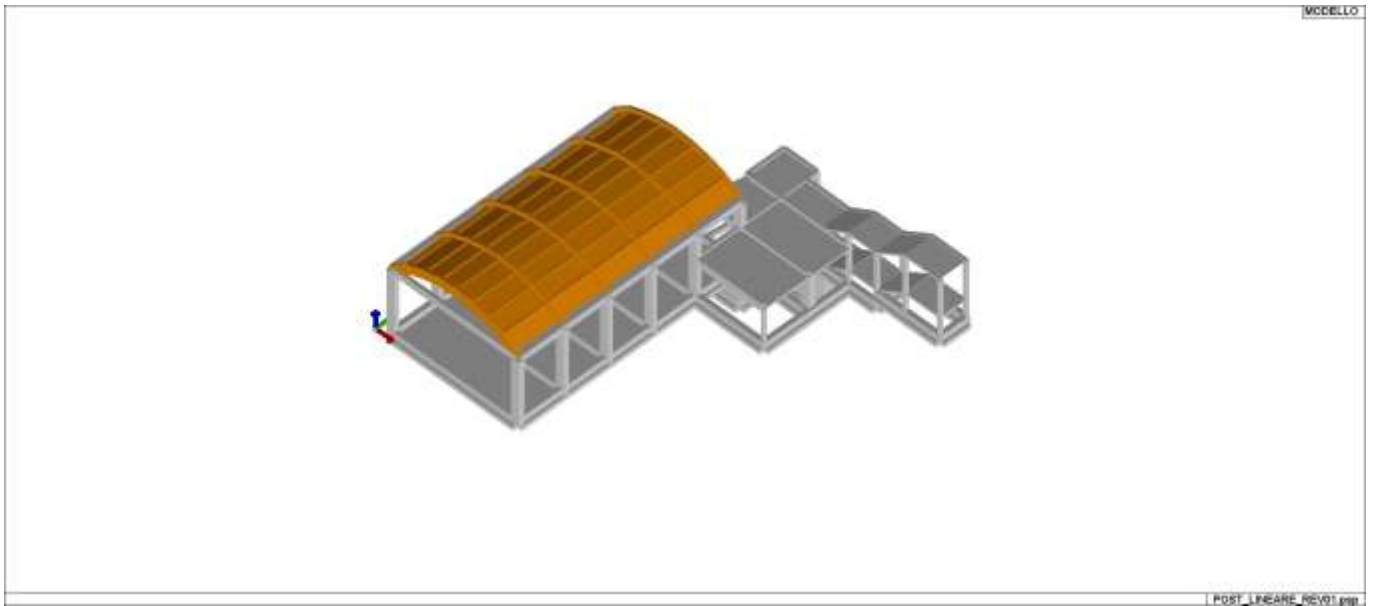
Azioni termiche.

21. UNI EN 1992-1-1:2005 24/11/2005 Eurocodice 2 - Progettazione delle strutture di calcestruzzo - Parte 1-1: Regole generali e regole per gli edifici.
22. UNI EN 1992-1-2:2005 01/04/2005 Eurocodice 2 - Progettazione delle strutture di calcestruzzo - Parte 1-2: Regole generali - Progettazione strutturale contro l'incendio.
23. UNI EN 1993-1-1:2005 01/08/2005 Eurocodice 3 - Progettazione delle strutture di acciaio - Parte 1-1: Regole generali e regole per gli edifici.
24. UNI EN 1993-1-8:2005 01/08/2005 Eurocodice 3 - Progettazione delle strutture di acciaio - Parte 1-8: Progettazione dei collegamenti.
25. UNI EN 1994-1-1:2005 01/03/2005 Eurocodice 4 - Progettazione delle strutture composte acciaio-calcestruzzo - Parte 1-1: Regole generali e regole per gli edifici.
26. UNI EN 1994-2:2006 12/01/2006 Eurocodice 4 - Progettazione delle strutture composte acciaio-calcestruzzo - Parte 2: Regole generali e regole per i ponti.
27. UNI EN 1995-1-1:2005 01/02/2005 Eurocodice 5 - Progettazione delle strutture di legno - Parte 1-1: Regole generali - Regole comuni e regole per gli edifici.
28. UNI EN 1995-2:2005 01/01/2005 Eurocodice 5 - Progettazione delle strutture di legno - Parte 2: Ponti.
29. UNI EN 1996-1-1:2006 26/01/2006 Eurocodice 6 - Progettazione delle strutture di muratura - Parte 1-1: Regole generali per strutture di muratura armata e non armata.
30. UNI EN 1996-3:2006 09/03/2006 Eurocodice 6 - Progettazione delle strutture di muratura - Parte 3: Metodi di calcolo semplificato per strutture di muratura non armata.
31. UNI EN 1997-1:2005 01/02/2005 Eurocodice 7 - Progettazione geotecnica - Parte 1: Regole generali.
32. UNI EN 1998-1:2005 01/03/2005 Eurocodice 8 - Progettazione delle strutture per la resistenza sismica - Parte 1: Regole generali, azioni sismiche e regole per gli edifici.
33. UNI EN 1998-3:2005 01/08/2005 Eurocodice 8 - Progettazione delle strutture per la resistenza sismica - Parte 3: Valutazione e adeguamento degli edifici.
34. UNI EN 1998-5:2005 01/01/2005 Eurocodice 8 - Progettazione delle strutture per la resistenza sismica - Parte 5: Fondazioni, strutture di contenimento ed aspetti geotecnici.

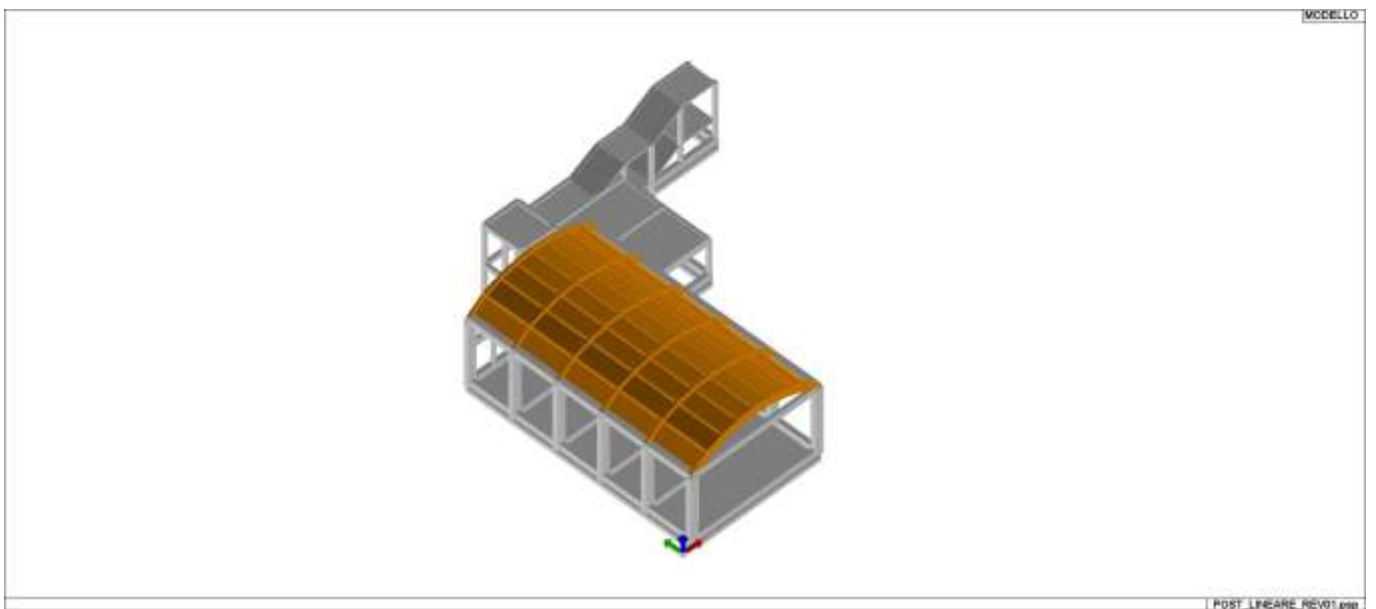
NOTA il capitolo "normativa di riferimento": riporta l'elenco delle normative implementate nel software. Le norme utilizzate per la struttura oggetto della presente relazione sono indicate nel precedente capitolo "RELAZIONE DI CALCOLO STRUTTURALE" "ANALISI E VERIFICHE SVOLTE CON L'AUSILIO DI CODICI DI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



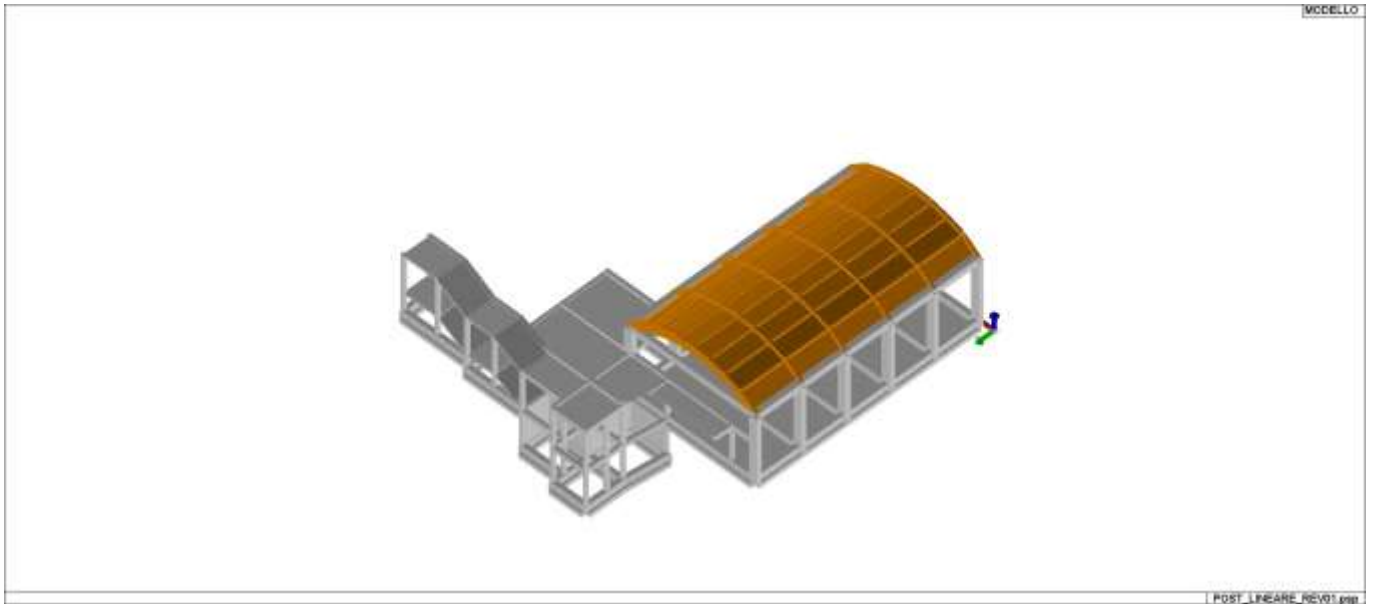
01_INT_SPETTRI_ELASTICI_O



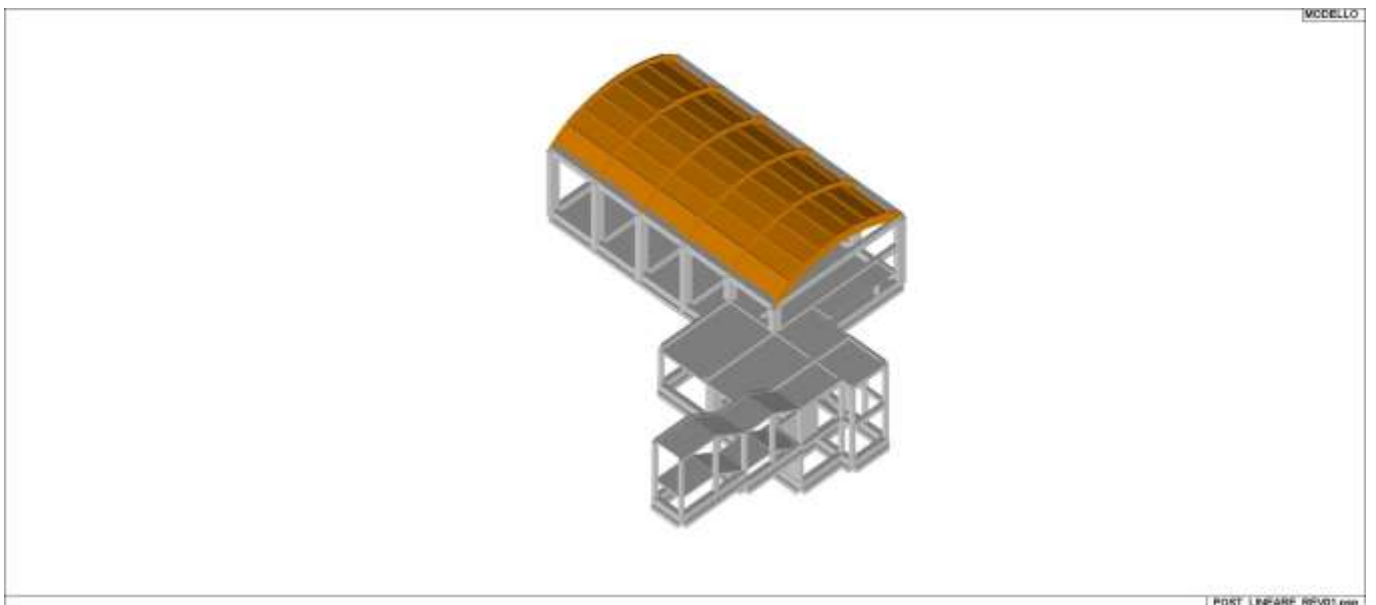
01_INT_VISTA_SOLIDATA_001



01_INT_VISTA_SOLIDATA_002



01_INT_VISTA_SOLIDATA_003



01_INT_VISTA_SOLIDATA_004

CARATTERISTICHE MATERIALI UTILIZZATI

LEGENDA TABELLA DATI MATERIALI

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

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

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

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

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

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

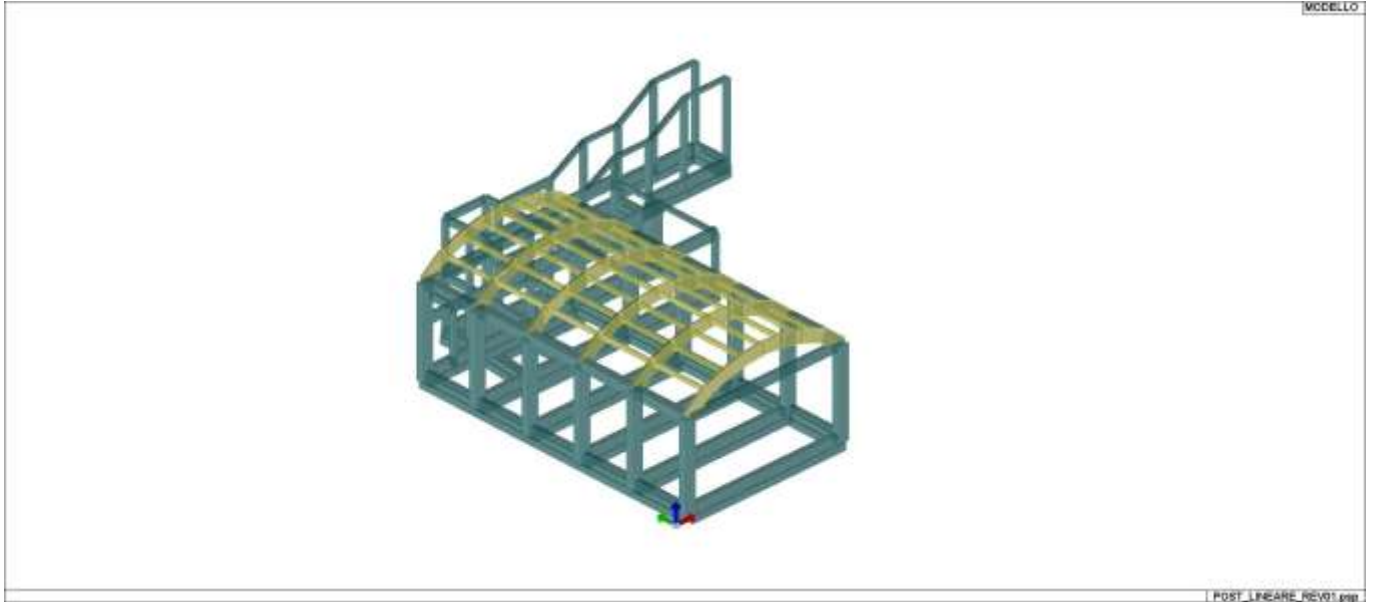
a	Muratura consolidata	Muratura per la quale si prevedono interventi di rinforzo"
	Incremento resistenza	Incremento conseguito in termini di resistenza
	Incremento rigidezza	Incremento conseguito in termini di rigidezza
	Resistenza f	Valore della resistenza a compressione
	Resistenza fv0	Valore della resistenza a taglio in assenza di tensioni normali
	Resistenza fh	Valore della resistenza a compressione orizzontale
	Resistenza fb	Valore della resistenza a compressione dei blocchi
	Resistenza fbh	Valore della resistenza a compressione dei blocchi in direzione orizzontale
	Resistenza fv0h	Valore della resistenza a taglio in assenza di tensioni normali per le travi
	Resistenza ft	Valore della resistenza a trazione per fessurazione diagonale
	Resistenza fvlim	Valore della massima resistenza a taglio
	Resistenza fbt	Valore della resistenza a trazione dei blocchi
	Coefficiente mu	Coefficiente d'attrito utilizzato per la resistenza a taglio (tipicamente 0.4)
	Coefficiente fi	Coefficiente d'ingranamento utilizzato per la resistenza a taglio
	Coefficiente ksb	Coefficiente di riduzione della resistenza a compressione da utilizzare nello stress block
4	legno	
	E0,05	Modulo di elasticità corrispondente ad un frattile del 5%
	Resistenza fc0	Valore della resistenza a compressione parallela
	Resistenza ft0	Valore della resistenza a trazione parallela
	Resistenza fm	Valore della resistenza a flessione
	Resistenza fv	Valore della resistenza a taglio
	Resist. ft0k	Resistenza caratteristica (tensione amm. per REGLES) per trazione
	Resist. fmk	Resistenza caratteristica (tensione amm. per REGLES) per flessione
	Resist. fvk	Resistenza caratteristica (tensione amm. per REGLES) per taglio
	Modulo E0,05	Modulo elastico parallelo caratteristico
	Lamellare	lamellare o massiccio

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

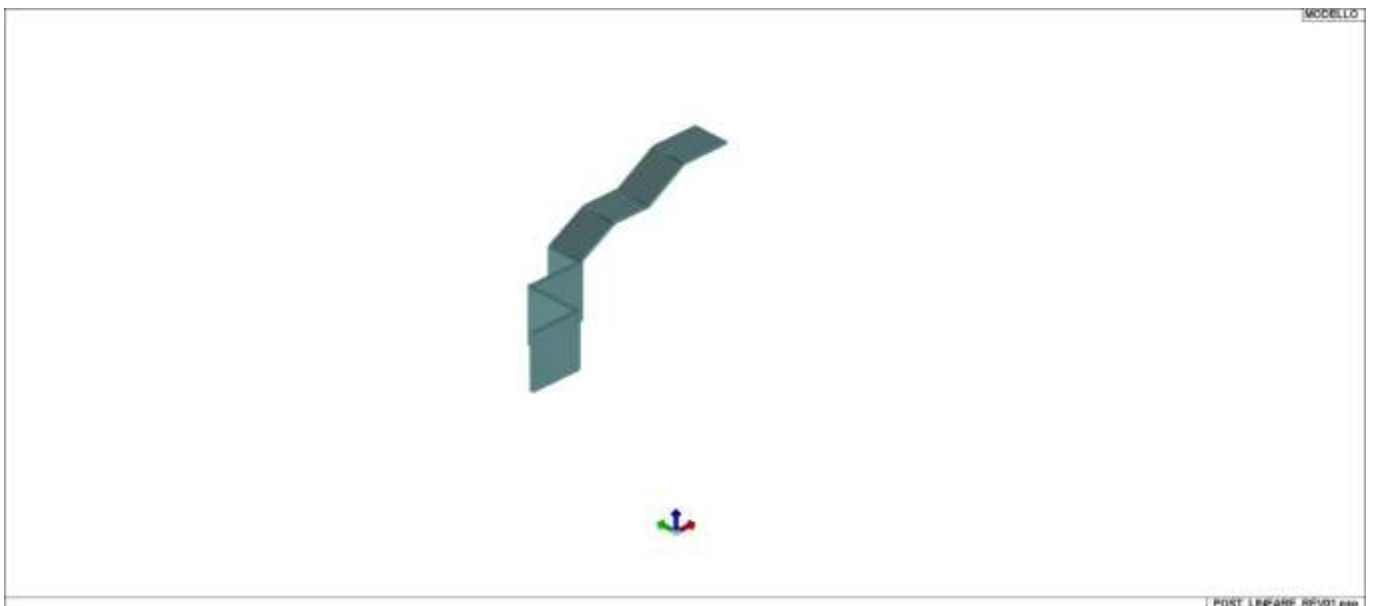
Vengono inoltre riportate le tabelle contenenti il riassunto delle informazioni assegnate nei criteri di progetto in uso.

Id	Tipo / Note	V. caratt.	V. medio	Young	Poisson	G	Gamma	Alfa	Altri
		N/mm2	N/mm2	N/mm2		N/mm2	N/mm3		
3	Calcestruzzo Esistente -Calcestruzzo Classe C19/23 < MATERIALE ESISTENTE >			2.971e+04	0.20	1.358e+04	2.50e-05	1.00e-05	
	Fattore di confidenza FC m								1.35
	Fattore di confidenza FC a								1.35
	Resistenza Rc	13.6	23.3						
	Resistenza fctm		2.2						
	Rapporto Rfessurata								1.00
	Coefficiente ksb								0.85
	Rapporto HRDb								1.00e-05
	Rapporto HRDv								1.00e-05
131	Legno lamellare omogeneo GL28h -legno E = 1.260e+05 < MATERIALE NUOVO >			1.260e+04	0.0	650.0	4.60e-06	1.00e-05	
	Modulo E0,05			1.050e+04					
	Lamellare : SI								
	Resistenza fc0	28.0	40.0						

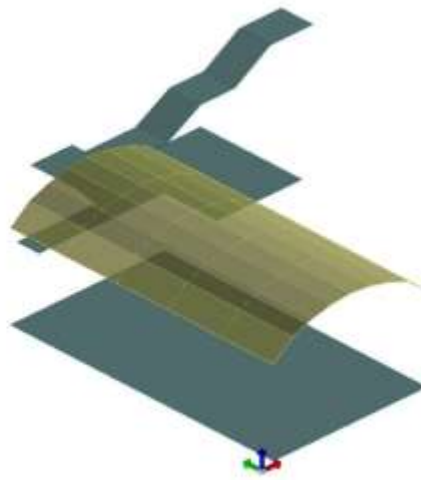
Id	Tipo / Note	V. caratt.	V. medio	Young	Poisson	G	Gamma	Alfa	Altri
	Resistenza ft0	22.3	31.9						
	Resistenza fm	28.0	40.0						
	Resistenza fv	3.5	5.0						
	Rapporto HRDb								1.00e-05
	Rapporto HRDv								1.00e-05



11_MOD_MATERIALI_D2



11_MOD_MATERIALI_D3



11_MOD_MATERIALI_SOLAI

Pareti c.a.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Generalità						
Progetto armatura	Singolo elemento	Singolo elemento	Singolo elemento	NON	Singolo elemento	
		FONDAZIONE	DISSIPATIVO			
Armatura						
Inclinazione Av [gradi]	90.00	90.00	90.00	90.00		
Angolo Av-Ao [gradi]	90.00	90.00	90.00	90.00		
Minima tesa	0.25	0.25	0.25	0.25		
Massima tesa	4.00	4.00	4.00	4.00		
Maglia unica centrale	NO	NO	NO	NO		
Unico strato verticale	NO	NO	NO	NO		
Unico strato orizzontale	NO	NO	NO	NO		
Copriferro [cm]	2.00	2.00	2.00	2.00		
Maglia V						
diametro	10	10	10	10		
passo	25	25	25	25		
diametro aggiuntivi	12	12	12	12		
Maglia O						
diametro	10	10	10	10		
passo	25	25	25	25		
diametro aggiuntivi	12	12	12	12		
Stati limite ultimi						
Tensione fy [N/mm2]	450.00	450.00	450.00	450.00		
Tipo acciaio	tipo C	tipo C	tipo C	tipo C		
Coefficiente gamma s	1.15	1.15	1.15	1.15		
Coefficiente gamma c	1.50	1.50	1.50	1.50		
Verifiche con N costante	SI	SI	SI	SI		
Tensioni ammissibili						
Tensione amm. cls [N/mm2]	9.75	9.75	9.75	9.75		
Tensione amm. acciaio [N/mm2]	260.00	260.00	260.00	260.00		
Rapporto omogeneizzazione N	15.00	15.00	15.00	15.00		
Massimo rapporto area compressa/tesa	1.00	1.00	1.00	1.00		
Parete estesa debolmente armata						
Fattore amplificazione taglio V	0.0	1.50	1.50	0.0		
Hcrit. par. 7.4.4.5.1 [cm]	0.0	0.0	0.0	0.0		
Hcrit. par. 7.4.6.1.4 [cm]	0.0	0.0	0.0	0.0		
Diagramma involuppo taglio	NO	NO	NO	NO		
Vincolo lati	nessun lato	nessun lato	nessun lato	nessun lato		
Verifica come fascia	NO	NO	NO	NO		
Diametro di estremità	0	0	0	0		

Pareti c.a.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Zona confinata						
Minima tesa	1.00	1.00	1.00	1.00		
Massima tesa	4.00	4.00	4.00	4.00		
Distanza barre [cm]	2.00	2.00	2.00	2.00		
Interferro	2	2	2	2		
Armatura inclinata						
Area barre [cm2]	0.0	0.0	0.0	0.0		
Angolo orizzontale [gradi]	0.0	0.0	0.0	0.0		
Distanza di base [cm]	0.0	0.0	0.0	0.0		
Resistenza al fuoco						
3- intradosso	NO	NO	NO	NO		
3+ estradosso	NO	NO	NO	NO		
Tempo di esposizione R	15	15	15	15		

Gusci c.a.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Armatura						
Inclinazione Ax [gradi]	0.0	0.0	0.0	0.0		
Angolo Ax-Ay [gradi]	90.00	90.00	90.00	90.00		
Minima tesa	0.31	0.31	0.31	0.31		
Massima tesa	0.78	0.78	0.78	0.78		
Maglia unica centrale	NO	NO	NO	NO		
Copriferro [cm]	2.00	3.00	2.00	2.00		
Maglia x						
diametro	10	12	10	10		
passo	20	20	20	20		
diametro aggiuntivi	12	12	12	12		
Maglia y						
diametro	10	12	10	10		
passo	20	20	20	20		
diametro aggiuntivi	12	12	12	12		
Stati limite ultimi						
Tensione fy [N/mm2]	450.00	450.00	450.00	450.00		
Tipo acciaio	tipo C	tipo C	tipo C	tipo C		
Coefficiente gamma s	1.15	1.15	1.15	1.15		
Coefficiente gamma c	1.50	1.50	1.50	1.50		
Verifiche con N costante	SI	SI	SI	SI		
Applica SLU da DIN	NO	NO	NO	NO		
Tensioni ammissibili						
Tensione amm. cls [N/mm2]	9.75	9.75	9.75	9.75		
Tensione amm. acciaio [N/mm2]	260.00	260.00	260.00	260.00		
Rapporto omogeneizzazione N	15.00	15.00	15.00	15.00		
Massimo rapporto area compressa/tesa	1.00	1.00	1.00	1.00		
Resistenza al fuoco						
3- intradosso	NO	NO	NO	NO		
3+ estradosso	NO	NO	NO	NO		
Tempo di esposizione R	15	15	15	15		

Travi c.a.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Generalità						
Progetta a filo	NO	NO	NO	NO		
Af inf: da q*L*L /	0.0	0.0	0.0	0.0		
Armatura						
Minima tesa	0.31	0.31	0.31	0.31		
Minima compressa	0.31	0.31	0.31	0.31		
Massima tesa	0.78	0.78	0.78	0.78		
Da sezione	SI	SI	SI	SI		
Usa armatura teorica	NO	NO	NO	NO		
Stati limite ultimi						
Tensione fy [N/mm2]	450.00	450.00	450.00	450.00		
Tensione fy staffe [N/mm2]	450.00	450.00	450.00	450.00		
Tipo acciaio	tipo C	tipo C	tipo C	tipo C		
Coefficiente gamma s	1.15	1.15	1.15	1.15		
Coefficiente gamma c	1.50	1.50	1.50	1.50		
Verifiche con N costante	SI	SI	SI	SI		

Travi c.a.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Fattore di redistribuzione	0.0	0.0	0.0	0.0		
Modello per il confinamento						
Relazione tensio-deformativa	Mander	Mander	Mander	Mander		
Incrudimento acciaio	5.000e-03	5.000e-03	5.000e-03	5.000e-03		
Fattore lambda	1.00	1.00	1.00	1.00		
epsilon max,s	4.000e-02	4.000e-02	4.000e-02	4.000e-02		
epsilon cu2	4.500e-03	4.500e-03	4.500e-03	4.500e-03		
epsilon c2	0.0	0.0	0.0	0.0		
epsilon cy	0.0	0.0	0.0	0.0		
Tensioni ammissibili						
Tensione amm. cls [N/mm2]	9.75	9.75	9.75	9.75		
Tensione amm. acciaio [N/mm2]	260.00	260.00	260.00	260.00		
Rapporto omogeneizzazione N	15.00	15.00	15.00	15.00		
Massimo rapporto area compressa/tesa	1.00	1.00	1.00	1.00		
Staffe						
Diametro staffe	0.0	0.0	0.0	0.0		
Passo minimo [cm]	4.00	4.00	4.00	4.00		
Passo massimo [cm]	30.00	30.00	30.00	30.00		
Passo raffittito [cm]	15.00	15.00	15.00	15.00		
Lunghezza zona raffittita [cm]	50.00	50.00	50.00	50.00		
Ctg(Teta) Max	2.50	2.50	2.50	2.50		
Percentuale sagomati	0.0	0.0	0.0	0.0		
Luce di taglio per GR [cm]	1.00	1.00	1.00	1.00		
Adotta scorrimento medio	NO	NO	NO	NO		
Torsione non essenziale inclusa	SI	SI	SI	NO		

Pilastr c.a.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Generalità						
Progetto armatura	Privilegia lati	Privilegia lati	Privilegia lati	Privilegia lati		
Progetta a filo	NO	NO	NO	SI		
Effetti del 2 ordine	SI	SI	SI	NO		
Beta per 2-2	1.00	1.00	1.00	1.00		
Beta per 3-3	1.00	1.00	1.00	1.00		
Armatura						
Massima tesa	4.00	4.00	4.00	4.00		
Minima tesa	1.00	1.00	1.00	1.00		
Stati limite ultimi						
Tensione fy [N/mm2]	450.00	450.00	450.00	450.00		
Tensione fy staffe [N/mm2]	450.00	450.00	450.00	450.00		
Tipo acciaio	tipo C	tipo C	tipo C	tipo C		
Coefficiente gamma s	1.15	1.15	1.15	1.15		
Coefficiente gamma c	1.50	1.50	1.50	1.50		
Verifiche con N costante	SI	SI	SI	SI		
Modello per il confinamento						
Relazione tensio-deformativa	Mander	Mander	Mander	Mander		
Incrudimento acciaio	5.000e-03	5.000e-03	5.000e-03	5.000e-03		
Fattore lambda	1.00	1.00	1.00	1.00		
epsilon max,s	4.000e-02	4.000e-02	4.000e-02	4.000e-02		
epsilon cu2	4.500e-03	4.500e-03	4.500e-03	4.500e-03		
epsilon c2	0.0	0.0	0.0	0.0		
epsilon cy	0.0	0.0	0.0	0.0		
Tensioni ammissibili						
Tensione amm. cls [N/mm2]	9.75	9.75	9.75	9.75		
Tensione amm. acciaio [N/mm2]	260.00	260.00	260.00	260.00		
Rapporto omogeneizzazione N	15.00	15.00	15.00	15.00		
Staffe						
Diametro staffe	0.0	0.0	0.0	0.0		
Passo minimo [cm]	5.00	5.00	5.00	5.00		
Passo massimo [cm]	25.00	25.00	25.00	25.00		
Passo raffittito [cm]	15.00	15.00	15.00	15.00		
Lunghezza zona raffittita [cm]	45.00	45.00	45.00	45.00		
Ctg(Teta) Max	2.50	2.50	2.50	2.50		
Luce di taglio per GR [cm]	1.00	1.00	1.00	1.00		
Massimizza gerarchia	SI	SI	SI	SI		

Solai e pannelli	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Generalità						
Usa tensioni ammissibili	NO	NO	NO	NO		
Af inf: da traliccio	SI	SI	SI	SI		
Consenti armatura a taglio	NO	NO	NO	NO		
Incrementa armatura longitudinale per taglio	SI	SI	SI	SI		
Af inf: da $q \cdot L \cdot L /$	20.00	20.00	20.00	20.00		
Incremento fascia piena [cm]	5.00	5.00	5.00	5.00		
Armatura						
Minima tesa	0.15	0.15	0.15	0.15		
Massima tesa	3.00	3.00	3.00	3.00		
Minima compressa	0.0	0.0	0.0	0.0		
Af/h [cm]	7.000e-02	7.000e-02	7.000e-02	7.000e-02		
Stati limite ultimi						
Tensione f_y [N/mm ²]	450.00	450.00	450.00	450.00		
Tipo acciaio	tipo C	tipo C	tipo C	tipo C		
Coefficiente gamma s	1.15	1.15	1.15	1.15		
Coefficiente gamma c	1.50	1.50	1.50	1.50		
Fattore di redistribuzione	0.0	0.0	0.0	0.0		
Tensioni ammissibili						
Tensione amm. cls [N/mm ²]	8.50	8.50	8.50	8.50		
Tensione amm. acciaio [N/mm ²]	260.00	260.00	260.00	260.00		
Rapporto omogeneizzazione N	15.00	15.00	15.00	15.00		
Massimo rapporto area compressa/tesa	1.00	1.00	1.00	1.00		
Verifica freccia						
Infinita	250.00	250.00	250.00	250.00		
Istantanea	500.00	500.00	500.00	500.00		
Fattore viscosità	3.00	3.00	3.00	3.00		
Usa J non fessurato	NO	NO	NO	NO		
Elementi non strutturali						
Tamponatura antiespulsione	NO	NO	NO	NO		
Tamponatura con armatura	NO	NO	NO	NO		
Fattore di struttura/comportamento	2.00	2.00	2.00	2.00		
Coefficiente gamma m	0.0	0.0	0.0	0.0		
Periodo T_a	0.0	0.0	0.0	0.0		
Altezza pannello	0.0	0.0	0.0	0.0		

Legno	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Lunghezze libere						
aste						
Beta assegnato	0.80	0.80	0.80	0.80		
travi						
3-3 Beta * L automatico	SI	SI	SI	SI		
3-3 Beta assegnato	1.00	1.00	1.00	1.00		
3-3 Beta * L assegnato [cm]	0.0	0.0	0.0	0.0		
2-2 Beta * L automatico	SI	SI	SI	SI		
2-2 Beta assegnato	1.00	1.00	1.00	1.00		
2-2 Beta * L assegnato [cm]	0.0	0.0	0.0	0.0		
1-1 Beta * L automatico	SI	SI	SI	SI		
1-1 Beta assegnato	1.00	1.00	1.00	1.00		
1-1 Beta * L assegnato [cm]	0.0	0.0	0.0	0.0		
pilastr						
Metodo di calcolo 3-3	Assegnato	Assegnato	Assegnato	Assegnato		
3-3 Beta assegnato	2.00	2.00	2.00	2.00		
3-3 Beta * L assegnato [cm]	0.0	0.0	0.0	0.0		
Metodo di calcolo 2-2	Assegnato	Assegnato	Assegnato	Assegnato		
2-2 Beta assegnato	2.00	2.00	2.00	2.00		
2-2 Beta * L assegnato [cm]	0.0	0.0	0.0	0.0		
1-1 Beta assegnato	1.00	1.00	1.00	1.00		
1-1 Beta * L assegnato [cm]	0.0	0.0	0.0	0.0		
Generalità						
Gamma non sismico	1.50	1.50	1.50	1.50		
Gamma sismico	1.50	1.50	1.50	1.50		
Classificazione						
Classe di servizio	2 (media umidità)	2 (media umidità)	2 (media umidità)	2 (media umidità)		
Per classe di servizio 1						
Kmod permanente	0.60	0.60	0.60	0.60		
Kmod lunga	0.70	0.70	0.70	0.70		
Kmod media	0.80	0.80	0.80	0.80		
Kmod breve	0.90	0.90	0.90	0.90		

Legno	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Kmod istantanea	1.10	1.10	1.10	1.10		
Kdef	0.60	0.60	0.60	0.60		
Per classe di servizio 2						
Kmod permanente	0.60	0.60	0.60	0.60		
Kmod lunga	0.70	0.70	0.70	0.70		
Kmod media	0.80	0.80	0.80	0.80		
Kmod breve	0.90	0.90	0.90	0.90		
Kmod istantanea	1.10	1.10	1.10	1.10		
Kdef	0.80	0.80	0.80	0.80		
Per classe di servizio 3						
Kmod permanente	0.50	0.50	0.50	0.50		
Kmod lunga	0.55	0.55	0.55	0.55		
Kmod media	0.65	0.65	0.65	0.65		
Kmod breve	0.70	0.70	0.70	0.70		
Kmod istantanea	0.90	0.90	0.90	0.90		
Kdef	2.00	2.00	2.00	2.00		

XLAM	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Generalità						
L direzione 1 [*] [cm]	1.00	1.00	1.00	1.00		
L direzione 2 [cm]	0.0	0.0	0.0	0.0		
Verifica V da D.38	NO	NO	NO	NO		
Verifica M da M.5-45	NO	NO	NO	NO		
Media valori elementi	SI	SI	SI	SI		
Connessioni pareti						
rvpk [N/mm]	50.00	50.00	50.00	50.00		
rvtk [N/mm]	50.00	50.00	50.00	50.00		
rvlk [N/mm]	50.00	50.00	50.00	50.00		
RHk [N]	50000.00	50000.00	50000.00	50000.00		
dH [cm]	25.00	25.00	25.00	25.00		
fch90k [N/mm2]	2.00	2.00	2.00	2.00		
Pannelli solaio						
f ist<L/	500.00	500.00	500.00	500.00		
f inf<L/	350.00	350.00	350.00	350.00		
Verifica vibrazioni (EC5 7.3)	NO	NO	NO	NO		
E massetto collaborante [N/mm2]	20000.00	20000.00	20000.00	20000.00		
t massetto collaborante [cm]	4.00	4.00	4.00	4.00		
Smorzamento percentuale	0.0	0.0	0.0	0.0		
Resistenza al fuoco						
Spessore carbonizzazione [cm]	0.0	0.0	0.0	0.0		
3- intradosso	NO	NO	NO	NO		
3+ estradosso	NO	NO	NO	NO		

EDIFICI ESISTENTI: INTERVENTI DI RINFORZO

LEGENDA TABELLE INTERVENTI DI RINFORZO

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

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

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

Titolo colonna	Descrizione	Nota
Id	Indice nell'archivio	
Sigla CAM	Nome nell'archivio o riferimento al prodotto commerciale	Utilizzato anche per incamiciatura in acciaio con profili generici.
Sez.	Angolare utilizzato	Nel caso il profilo non sia presente nell'archivio delle sezioni si riporta "altro"
A	Area dell'angolare	
L	Lato dell'angolare	
s L	Spessore dell'angolare	
fyk	Tensione caratteristica di snervamento angolare	
s cal.	Spessore dei nastri o calastrelli	
L cal.	Altezza dei nastri o calastrelli	
P cal.	Passo dei nastri o calastrelli	

M nas.	Numero dei nastri	Utilizzato nel caso in cui si utilizzino più nastri sovrapposti
fyk c	Tensione caratteristica di snervamento dei nastri o calastrelli	
ftk c	Tensione caratteristica di rottura dei nastri o calastrelli	
R curv.	Raggio di curvatura utilizzato nell'arrotondamento degli spigoli	

Titolo colonna	Descrizione	Nota
Id	Indice nell'archivio	
Sigla FRP per mur.	Nome nell'archivio o riferimento al prodotto commerciale	
Spess.	Spessore del fibrorinforzo	Strati sovrapposti si modellano sommando gli spessori
Mod. E	Modulo elastico del fibrorinforzo	Elastico lineare fino a rottura
eps r	Tensione caratteristica di rottura	
eps d	Tensione di progetto assegnata	Valore della tensione massima nel fibrorinforzo, nel caso si adottino dispositivi di ancoraggio. Se pari a 0 viene calcolata dal programma automaticamente
Applicaz.	Applicazione tipo A o B	Utilizzato in Tabella 2-1
Espos.	Interna, esterna, ambiente aggressivo	Utilizzato in Tabella 2-3
Fibra	Arammidica, vetro, carbonio, altro	Utilizzato in Tabella 2-3
L fasc. O	Larghezza delle fasce orizzontali	
P fasc. O	Passo delle fasce orizzontali	
L fasc. V	Larghezza delle fasce verticali	
P fasc. V	Passo delle fasce verticali	
A conc.	Area di rinforzo concentrato alle estremità del maschio murario	
Conf.	Fibrorinforzo adottato per conseguire un effetto di confinamento sulla muratura	Utilizzato per elementi Pilastro in muratura
R curv.	Raggio di curvatura utilizzato nell'arrotondamento degli spigoli	

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

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

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

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

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

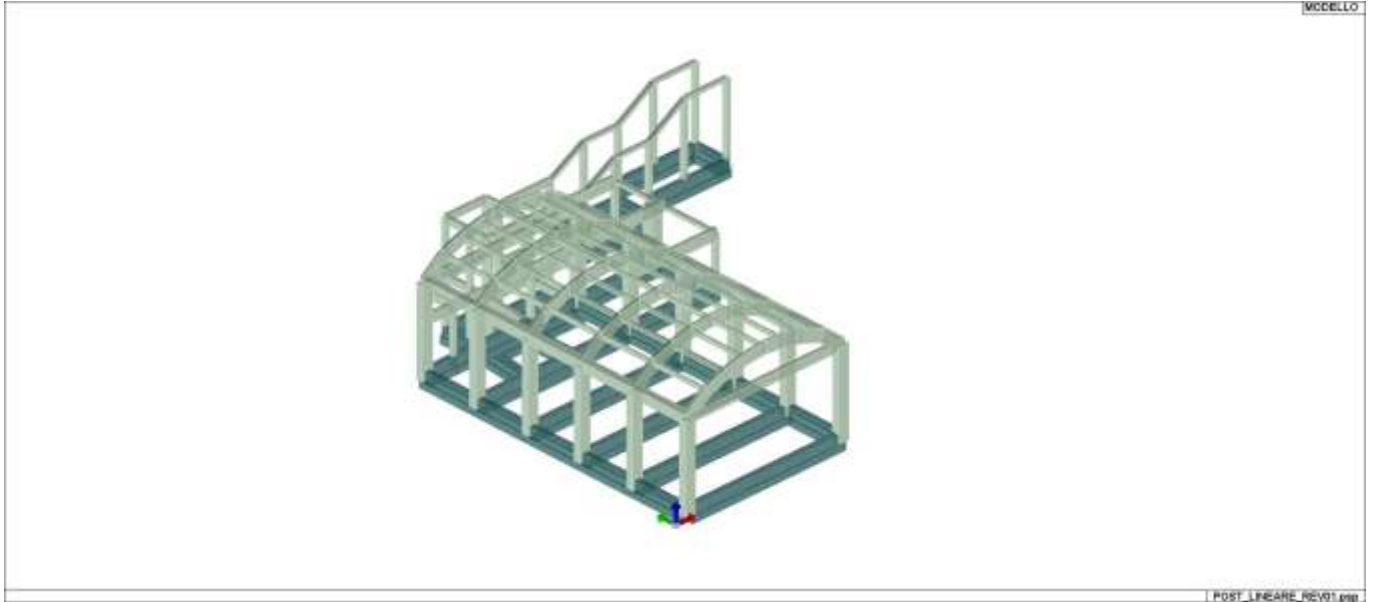
li F, lc F, lf F	Suddivisione in tre tratti per l'applicazione dei rinforzi FRP F (per flessione)	Come sopra
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Titolo colonna	Descrizione	Nota
Trave	Trave di interesse	
sez a-o	Sezione della trave ante-operam	
sez p-o	Sezione della trave post-operam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

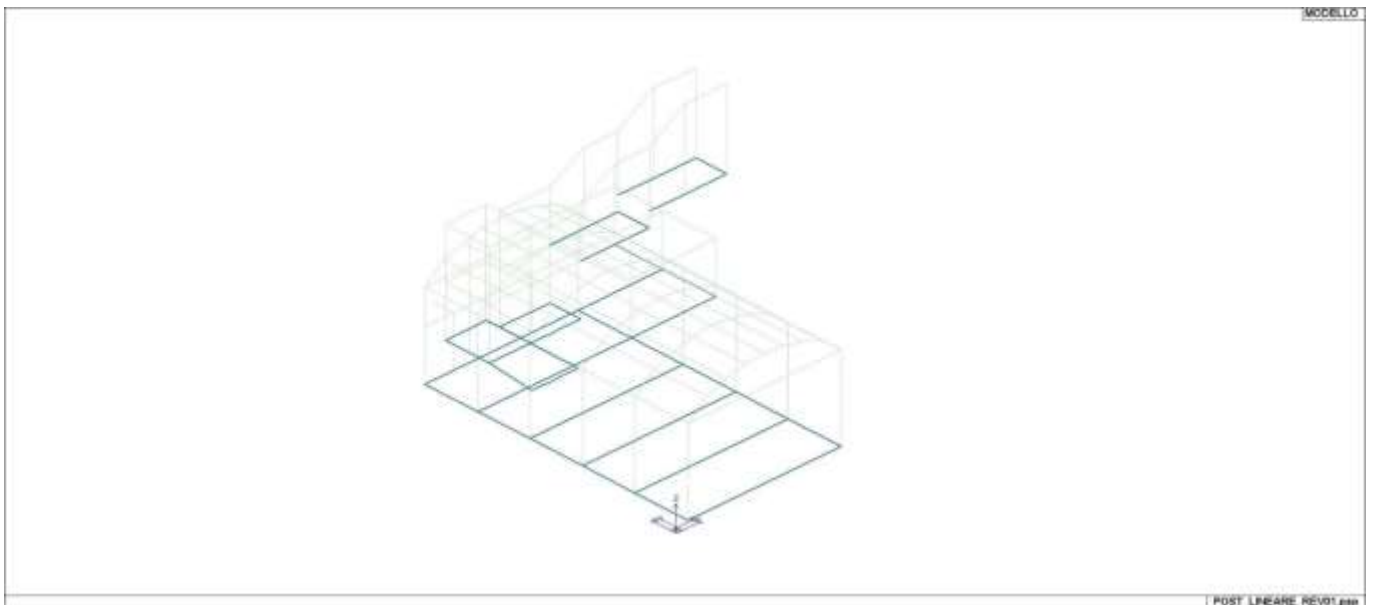
Titolo colonna	Descrizione	Nota
Trave	Trave di interesse	Per l'intervento con FRP è prevista la possibilità di attivare separatamente il rinforzo FRP V per taglio e duttilità (*) e quello FRP F per capacità flessionale (**). (*): incremento di duttilità considerato solo nelle verifiche con $q=1$. (**):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

Titolo colonna	Descrizione	Nota
Trave	Trave di interesse	Per l'intervento con BETON PLAQUE è prevista la possibilità di attivare separatamente il rinforzo per taglio da quello per flessione(*). (*)incremento di capacità considerato solo nelle verifiche con $q\#1$

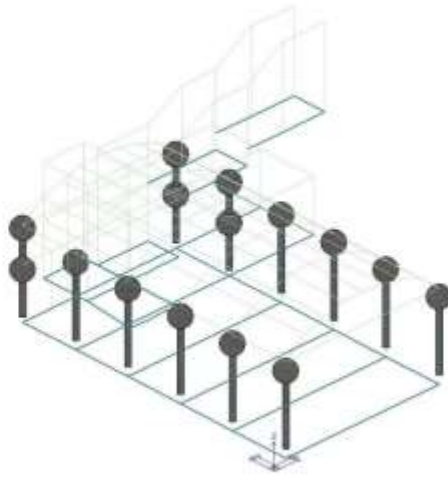
Pilas.	sez a-o	sez p-o	Cont. fless.	rinf. CAM	rinf. FRP V	rinf. FRP F	li V	lc V	lf V	li F	lc F	lf F
59	23	23	SI									
73	23	23	SI									
74	23	23	SI									
75	23	23	SI									
76	23	23	SI									



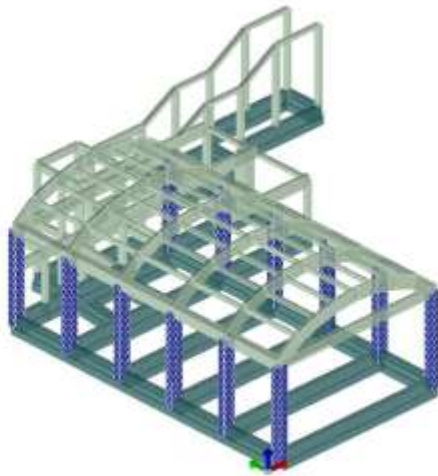
12_MOD_RINFORZI_D2_AO



12_MOD_RINFORZI_D2_FILO_AO



12_MOD_RINFORZI_D2_FILO_PO



12_MOD_RINFORZI_D2_PO

MODELLAZIONE DELLE SEZIONI

LEGENDA TABELLA DATI SEZIONI

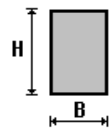
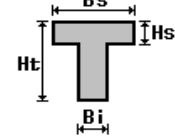
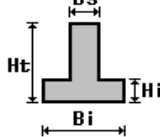
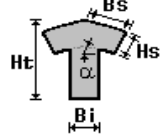
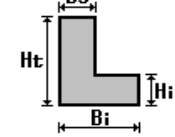
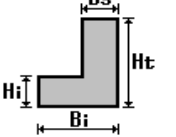
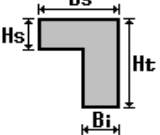
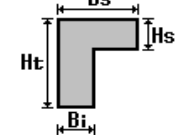
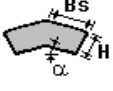
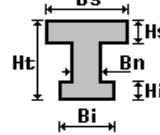
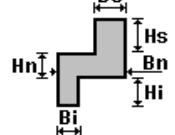
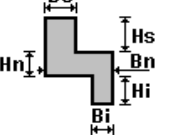
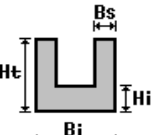
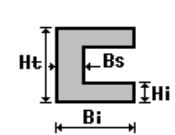
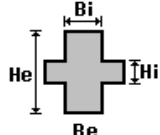
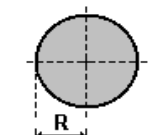
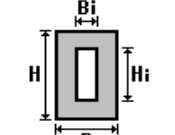
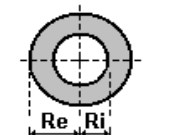
Il programma consente l'uso di sezioni diverse. Sono previsti i seguenti tipi di sezione:

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

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

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

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

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

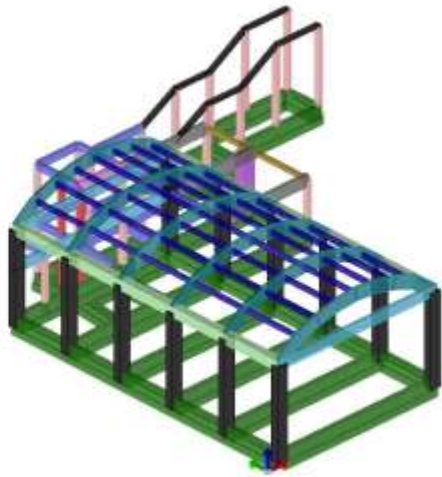
Per quanto concerne i profilati semplici ed accoppiati l'asse 2 del riferimento coincide con l'asse x riportato nei più diffusi profilati.

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

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

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

Id	Tipo	Area	A V2	A V3	Jt	J 2-2	J 3-3	W 2-2	W 3-3	Wp 2-2	Wp 3-3
		cm2	cm2	cm2	cm4	cm4	cm4	cm3	cm3	cm3	cm3
1	P 30x55-Rettangolare: b=30 h=55	1650.00	1375.00	1375.00	3.249e+05	1.238e+05	4.159e+05	8250.00	1.512e+04	1.238e+04	2.269e+04
4	T 55x60-Rettangolare: b=55 h=60	3300.00	2750.00	2750.00	1.525e+06	8.319e+05	9.900e+05	3.025e+04	3.300e+04	4.537e+04	4.950e+04
5	T 30x60-Rettangolare: b=30 h=60	1800.00	1500.00	1500.00	3.699e+05	1.350e+05	5.400e+05	9000.00	1.800e+04	1.350e+04	2.700e+04
6	T 30x40-Rettangolare: b=30 h=40	1200.00	1000.00	1000.00	1.946e+05	9.000e+04	1.600e+05	6000.00	8000.00	9000.00	1.200e+04
7	T 40x70-Rettangolare: b=40 h=70	2800.00	2333.33	2333.33	9.557e+05	3.733e+05	1.143e+06	1.867e+04	3.267e+04	2.800e+04	4.900e+04
8	P 30x30-Rettangolare: b=30 h=30	900.00	750.00	750.00	1.139e+05	6.750e+04	6.750e+04	4500.00	4500.00	6750.00	6750.00
9	P 23x35-Rettangolare: b=23 h=35	805.00	670.83	670.83	8.318e+04	3.549e+04	8.218e+04	3085.83	4695.83	4628.75	7043.75
12	T 30x70-Rettangolare: b=30 h=70	2100.00	1750.00	1750.00	4.599e+05	1.575e+05	8.575e+05	1.050e+04	2.450e+04	1.575e+04	3.675e+04
14	Rettangolare: b=12 h=18	216.00	180.00	180.00	6013.44	2592.00	5832.00	432.00	648.00	648.00	972.00
15	P 70x80-Rettangolare: b=70 h=78	5538.00	4615.00	4615.00	4.296e+06	2.326e+06	2.808e+06	6.553e+04	7.199e+04	9.830e+04	1.080e+05
16	T 30x18-Rettangolare: b=30 h=18	540.00	450.00	450.00	3.628e+04	4.050e+04	1.458e+04	2700.00	1620.00	4050.00	2430.00
17	T 30x20-Rettangolare: b=30 h=20	600.00	500.00	500.00	4.640e+04	4.500e+04	2.000e+04	3000.00	2000.00	4500.00	3000.00
19	T rovescia: bi=80 ht=100 bs=40 hi=40	5600.00	0.0	0.0	2.765e+06	2.027e+06	4.575e+06	5.067e+04	7.811e+04	8.800e+04	1.340e+05
20	Rettangolare: b=20 h=80	1600.00	1333.33	1333.33	1.797e+05	5.333e+04	8.533e+05	5333.33	2.133e+04	8000.00	3.200e+04
21	Rettangolare: b=16 h=28	448.00	373.33	373.33	2.447e+04	9557.33	2.927e+04	1194.67	2090.67	1792.00	3136.00
23	Rettangolare: b=45 h=75	3375.00	2812.50	2812.50	1.417e+06	5.695e+05	1.582e+06	2.531e+04	4.219e+04	3.797e+04	6.328e+04



13_MOD_SEZIONI

MODELLAZIONE STRUTTURA: NODI

LEGENDA TABELLA DATI NODI

Il programma utilizza per la modellazione nodi strutturali.

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

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

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

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

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

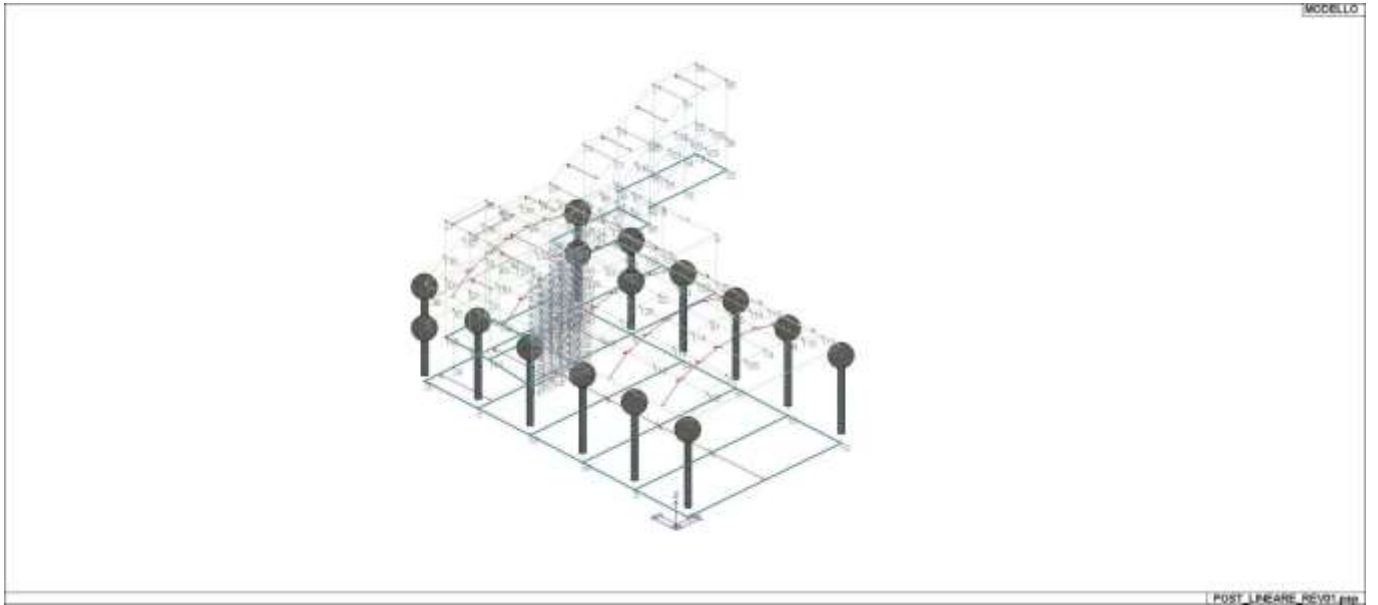
Per strutture sismicamente isolate viene inoltre inserita la tabella delle caratteristiche per gli isolatori utilizzati; le caratteristiche sono indicate in conformità al cap. 7.10 del D.M. 17/01/18

TABELLA DATI NODI

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
	cm	cm	cm		cm	cm	cm		cm	cm	cm
1	121.1	35.9	0.0	2	121.1	35.9	600.0	3	1898.5	1660.9	0.0
4	1898.5	1660.9	360.0	5	121.1	1660.9	0.0	6	1898.9	2070.9	360.0
7	1266.1	445.9	600.0	8	121.1	445.9	0.0	9	121.1	1660.9	600.0
10	1266.1	1660.9	0.0	11	121.1	445.9	600.0	12	1266.1	35.9	600.0
13	1266.1	1660.9	600.0	14	693.6	35.9	810.0	15	1266.1	445.9	0.0
16	1266.1	35.9	0.0	17	1898.9	2070.9	0.0	18	1266.1	2780.9	0.0
19	1266.1	2780.9	360.0	20	962.4	2780.9	0.0	21	962.4	2780.9	360.0
22	962.4	2440.9	0.0	23	962.4	2440.9	360.0	24	1266.1	2440.9	0.0
25	1266.1	2440.9	360.0	26	1643.9	2440.9	0.0	27	1643.9	2440.9	360.0
28	1643.9	2680.9	0.0	29	1643.9	2680.9	360.0	30	121.1	2070.9	0.0
31	121.1	2070.9	600.0	32	1266.1	2070.9	0.0	33	2733.9	2440.9	103.0
34	333.9	2070.9	0.0	35	333.9	2070.9	360.0	36	333.9	2235.8	360.0
37	979.9	2070.9	765.0	38	693.6	1660.9	810.0	39	921.4	2070.9	0.0
40	693.6	2070.9	810.0	41	1123.0	2070.9	712.5	42	921.4	2235.8	360.0
43	921.4	2070.9	360.0	44	1266.1	2070.9	360.0	45	1266.1	2070.9	600.0
46	1266.1	2680.9	360.0	47	1266.1	1660.9	360.0	48	1266.1	2680.9	0.0
49	121.1	2070.9	360.0	50	1266.1	850.9	0.0	51	1898.9	2440.9	360.0

52	1898.9	2440.9	143.0	53	2154.5	2440.9	103.0	54	1266.1	1255.9	0.0
55	1266.1	850.9	600.0	56	121.1	850.9	600.0	57	121.1	1255.9	600.0
58	1266.1	1255.9	600.0	59	121.1	1255.9	0.0	60	121.1	850.9	0.0
61	693.6	445.9	810.0	62	693.6	850.9	810.0	63	693.6	1255.9	810.0
64	1898.9	2440.9	0.0	65	2154.5	2440.9	0.0	66	962.4	2593.4	360.0
67	962.4	2593.4	0.0	68	2154.5	2680.9	103.0	69	1898.9	2680.9	143.0
70	2418.9	2680.9	103.0	71	1898.9	2680.9	0.0	72	2733.9	2680.9	103.0
73	1898.9	2440.9	501.9	74	1898.9	2680.9	501.9	75	2154.5	2680.9	501.9
76	2418.9	2680.9	303.0	77	2418.9	2680.9	663.0	78	2733.9	2680.9	663.0
79	2418.9	2440.9	103.0	80	2733.9	2440.9	663.0	81	2418.9	2440.9	663.0
82	2154.5	2440.9	501.9	83	2154.5	2680.9	0.0	84	2418.9	2440.9	303.0
85	2733.9	2680.9	303.0	86	2733.9	2440.9	303.0	87	2154.5	2680.9	143.0
88	2154.5	2440.9	143.0	89	1643.9	2560.9	0.0	90	1771.4	2560.9	71.5
91	1771.4	2440.9	71.5	92	1771.4	2680.9	71.5	93	1898.9	2560.9	143.0
94	2026.7	2560.9	143.0	95	2026.7	2440.9	143.0	96	2026.7	2680.9	143.0
97	2154.5	2560.9	143.0	98	2286.7	2560.9	223.0	99	2286.7	2440.9	223.0
100	2286.7	2680.9	223.0	101	2418.9	2560.9	303.0	102	2576.4	2560.9	303.0
103	2576.4	2440.9	303.0	104	2576.4	2680.9	303.0	105	2733.9	2560.9	303.0
106	264.3	35.9	712.5	107	407.4	35.9	765.0	108	550.5	35.9	797.5
109	836.8	35.9	797.5	110	979.9	35.9	765.0	111	1123.0	35.9	712.5
112	264.3	445.9	712.5	113	407.4	445.9	765.0	114	550.5	445.9	797.5
115	836.8	445.9	797.5	116	979.9	445.9	765.0	117	1123.0	445.9	712.5
118	264.3	850.9	712.5	119	407.4	850.9	765.0	120	550.5	850.9	797.5
121	836.8	850.9	797.5	122	979.9	850.9	765.0	123	1123.0	850.9	712.5
124	264.3	1255.9	712.5	125	407.4	1255.9	765.0	126	550.5	1255.9	797.5
127	836.8	1255.9	797.5	128	979.9	1255.9	765.0	129	1123.0	1255.9	712.5
130	264.3	1660.9	712.5	131	407.4	1660.9	765.0	132	550.5	1660.9	797.5
133	836.8	1660.9	797.5	134	979.9	1660.9	765.0	135	1123.0	1660.9	712.5
136	264.3	2070.9	712.5	137	407.4	2070.9	765.0	138	550.5	2070.9	797.5
139	836.8	2070.9	797.5	140	1643.9	2440.9	-360.0	141	962.4	2593.4	-360.0
142	1266.1	2780.9	-360.0	143	962.4	2780.9	-360.0	144	962.4	2440.9	-360.0
145	1266.1	2440.9	-360.0	146	1266.1	2070.9	-360.0	147	921.4	2070.9	-360.0
148	1266.1	2680.9	-360.0	149	921.4	2070.9	-308.6	150	990.4	2070.9	-308.6
151	990.4	2070.9	-360.0	152	921.4	2070.9	-257.1	153	990.4	2070.9	-257.1
154	921.4	2070.9	-205.7	155	990.4	2070.9	-205.7	156	921.4	2070.9	-154.3
157	990.4	2070.9	-154.3	158	921.4	2070.9	-102.9	159	990.4	2070.9	-102.9
160	921.4	2070.9	-51.4	161	990.4	2070.9	-51.4	162	990.4	2070.9	0.0
163	1059.3	2070.9	-308.6	164	1059.3	2070.9	-360.0	165	1059.3	2070.9	-257.1
166	1059.3	2070.9	-205.7	167	1059.3	2070.9	-154.3	168	1059.3	2070.9	-102.9
169	1059.3	2070.9	-51.4	170	1059.3	2070.9	0.0	171	1128.2	2070.9	-308.6
172	1128.2	2070.9	-360.0	173	1128.2	2070.9	-257.1	174	1128.2	2070.9	-205.7
175	1128.2	2070.9	-154.3	176	1128.2	2070.9	-102.9	177	1128.2	2070.9	-51.4
178	1128.2	2070.9	0.0	179	1197.2	2070.9	-308.6	180	1197.2	2070.9	-360.0
181	1197.2	2070.9	-257.1	182	1197.2	2070.9	-205.7	183	1197.2	2070.9	-154.3
184	1197.2	2070.9	-102.9	185	1197.2	2070.9	-51.4	186	1197.2	2070.9	0.0
187	1266.1	2070.9	-308.6	188	1266.1	2070.9	-257.1	189	1266.1	2070.9	-205.7
190	1266.1	2070.9	-154.3	191	1266.1	2070.9	-102.9	192	1266.1	2070.9	-51.4
193	1266.1	2144.9	-308.6	194	1266.1	2144.9	-360.0	195	1266.1	2144.9	-257.1
196	1266.1	2144.9	-205.7	197	1266.1	2144.9	-154.3	198	1266.1	2144.9	-102.9
199	1266.1	2144.9	-51.4	200	1266.1	2144.9	0.0	201	1266.1	2218.9	-308.6
202	1266.1	2218.9	-360.0	203	1266.1	2218.9	-257.1	204	1266.1	2218.9	-205.7
205	1266.1	2218.9	-154.3	206	1266.1	2218.9	-102.9	207	1266.1	2218.9	-51.4
208	1266.1	2218.9	0.0	209	1266.1	2292.9	-308.6	210	1266.1	2292.9	-360.0
211	1266.1	2292.9	-257.1	212	1266.1	2292.9	-205.7	213	1266.1	2292.9	-154.3
214	1266.1	2292.9	-102.9	215	1266.1	2292.9	-51.4	216	1266.1	2292.9	0.0
217	1266.1	2366.9	-308.6	218	1266.1	2366.9	-360.0	219	1266.1	2366.9	-257.1
220	1266.1	2366.9	-205.7	221	1266.1	2366.9	-154.3	222	1266.1	2366.9	-102.9
223	1266.1	2366.9	-51.4	224	1266.1	2366.9	0.0	225	1266.1	2440.9	-308.6
226	1266.1	2440.9	-257.1	227	1266.1	2440.9	-205.7	228	1266.1	2440.9	-154.3
229	1266.1	2440.9	-102.9	230	1266.1	2440.9	-51.4	231	1341.7	2440.9	-308.6
232	1341.7	2440.9	-360.0	233	1341.7	2440.9	-257.1	234	1341.7	2440.9	-205.7
235	1341.7	2440.9	-154.3	236	1341.7	2440.9	-102.9	237	1341.7	2440.9	-51.4
238	1341.7	2440.9	0.0	239	1417.2	2440.9	-308.6	240	1417.2	2440.9	-360.0
241	1417.2	2440.9	-257.1	242	1417.2	2440.9	-205.7	243	1417.2	2440.9	-154.3
244	1417.2	2440.9	-102.9	245	1417.2	2440.9	-51.4	246	1417.2	2440.9	0.0
247	1492.8	2440.9	-308.6	248	1492.8	2440.9	-360.0	249	1492.8	2440.9	-257.1
250	1492.8	2440.9	-205.7	251	1492.8	2440.9	-154.3	252	1492.8	2440.9	-102.9
253	1492.8	2440.9	-51.4	254	1492.8	2440.9	0.0	255	1568.4	2440.9	-308.6
256	1568.4	2440.9	-360.0	257	1568.4	2440.9	-257.1	258	1568.4	2440.9	-205.7
259	1568.4	2440.9	-154.3	260	1568.4	2440.9	-102.9	261	1568.4	2440.9	-51.4
262	1568.4	2440.9	0.0	263	1643.9	2440.9	-308.6	264	1643.9	2440.9	-257.1
265	1643.9	2440.9	-205.7	266	1643.9	2440.9	-154.3	267	1643.9	2440.9	-102.9
268	1643.9	2440.9	-51.4	269	1643.9	2680.9	-360.0	270	1643.9	2520.9	-308.6
271	1643.9	2520.9	-360.0	272	1643.9	2520.9	-257.1	273	1643.9	2520.9	-205.7
274	1643.9	2520.9	-154.3	275	1643.9	2520.9	-102.9	276	1643.9	2520.9	-51.4
277	1643.9	2520.9	0.0	278	1643.9	2600.9	-308.6	279	1643.9	2600.9	-360.0
280	1643.9	2600.9	-257.1	281	1643.9	2600.9	-205.7	282	1643.9	2600.9	-154.3

283	1643.9	2600.9	-102.9	284	1643.9	2600.9	-51.4	285	1643.9	2600.9	0.0
286	1643.9	2680.9	-308.6	287	1643.9	2680.9	-257.1	288	1643.9	2680.9	-205.7
289	1643.9	2680.9	-154.3	290	1643.9	2680.9	-102.9	291	1643.9	2680.9	-51.4



14_MOD_NUMERAZIONE_NODI

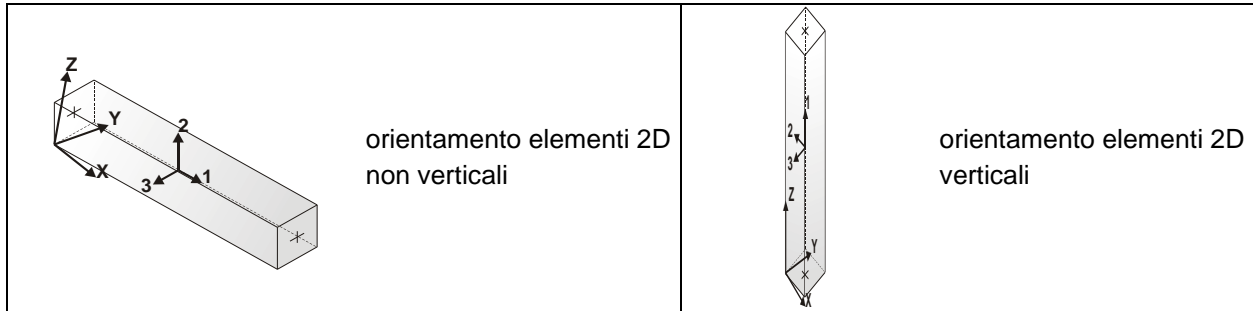
MODELLAZIONE STRUTTURA: ELEMENTI TRAVE

TABELLA DATI TRAVI

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

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

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



In particolare per ogni elemento viene indicato in tabella:

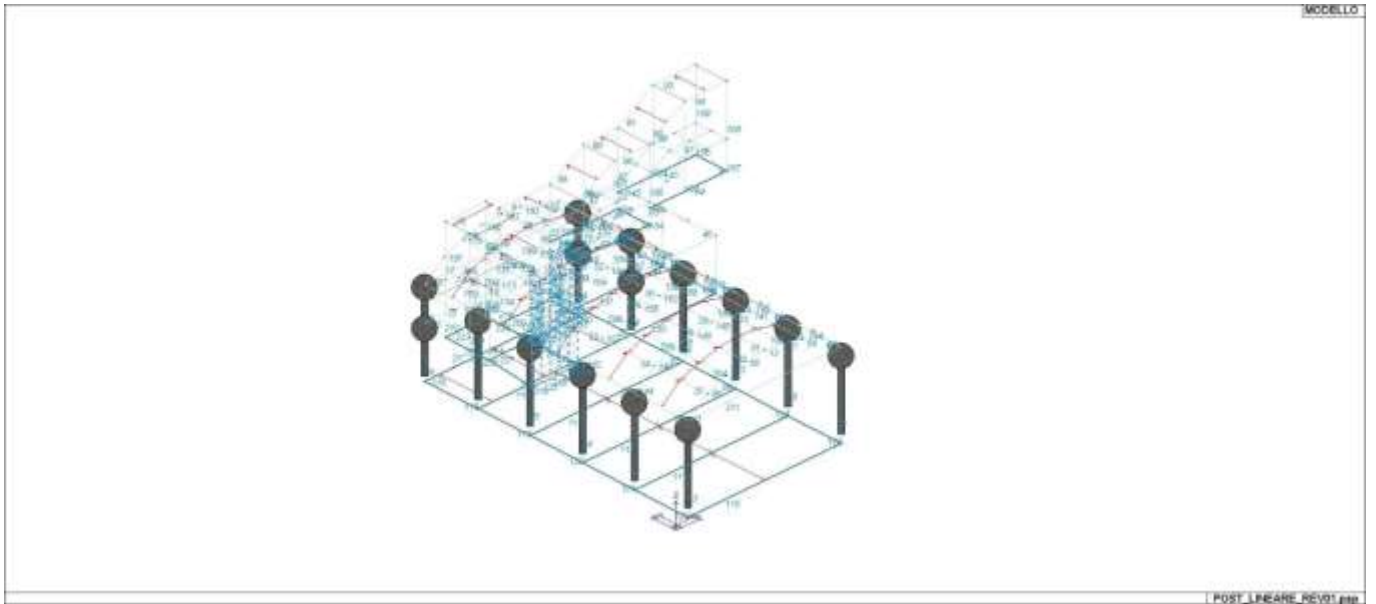
Elem.	numero dell'elemento
Note	codice di comportamento: trave, trave di fondazione, pilastro, asta, asta tesa, asta compressa,
Nodo I (J)	numero del nodo iniziale (finale)
Mat.	codice del materiale assegnato all'elemento
Sez.	codice della sezione assegnata all'elemento
Rotaz.	valore della rotazione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

Elem.	Note	Nodo I	Nodo J	Mat.	Sez.	Crit.	Rotaz. gradi	Svincolo I	Svincolo J	Wink V daN/cm3	Wink O daN/cm3
1	Pilas.	5	9	3	23	4					
2	Pilas.	8	11	3	23	4					
3	Trave	25	27	3	12	4					
4	Trave f.	33	72	3	19	4				1.00	1.00
5	Trave f.	53	79	3	19	4				1.00	1.00
6	Trave	46	29	3	6	4					
7	Trave	46	19	3	6	4					
8	Pilas.	16	12	3	23	4					
9	Pilas.	10	47	3	23	4					
10	Pilas.	15	7	3	23	4					
11	Trave	2	106	131	20	1					
12	Trave	14	109	131	20	1					
13	Pilas.	1	2	3	23	4					
14	Trave	124	130	131	21	1					
15	Pilas.	18	19	3	8	4					
16	Trave	21	19	3	6	4					
17	Pilas.	20	21	3	8	4					
18	Pilas.	22	23	3	9	4	90.00				
19	Trave	23	25	3	7	4					
20	Pilas.	24	25	3	8	4					
21	Pilas.	26	27	3	8	4					
22	Pilas.	68	87	3	8	4					
23	Pilas.	28	29	3	8	4					
24	Trave	35	43	3	5	4					
25	Trave	35	36	3	6	4					
26	Trave	44	25	3	6	4					
27	Pilas.	34	35	3	8	4					
28	Trave	107	108	131	20	1					
29	Trave	61	62	131	21	1					
30	Pilas.	39	43	3	8	4					
31	Trave	43	42	3	6	4					
32	Pilas.	32	44	3	23	4					
33	Trave	118	124	131	21	1					
34	Trave	112	118	131	21	1					
35	Trave f.	10	32	3	19	4				1.00	1.00
36	Pilas.	44	45	3	23	4					
37	Trave	106	112	131	21	1					
38	Trave	25	46	3	6	4					
39	Pilas.	3	4	3	8	4					
40	Trave	4	6	3	17	4					
41	Pilas.	17	6	3	15	4					
42	Trave	44	6	3	12	4					
43	Pilas.	48	46	3	8	4					
44	Trave f.	26	64	3	19	4				1.00	1.00
45	Pilas.	52	51	3	8	4					
46	Trave	6	51	3	17	4					
47	Trave	27	51	3	12	4					
48	Pilas.	47	13	3	23	4					
49	Trave	47	4	3	12	4					
50	Trave	47	44	3	6	4					
51	Trave	62	63	131	21	1					
52	Trave	63	38	131	21	1					
53	Pilas.	64	52	3	8	4					
54	Trave	110	111	131	20	1					
55	Trave	108	14	131	20	1					
56	Trave	2	11	3	4	4					
57	Trave	24	238	3	6	4					
58	Pilas.	49	31	3	23	4					
59	Pilas.	30	49	3	23	4					
60	Trave	12	7	3	4	4					
61	Trave	11	56	3	4	4					
62	Trave	7	55	3	4	4					
63	Trave f.	64	65	3	19	4				1.00	1.00
64	Trave f.	79	33	3	19	4				1.00	1.00
65	Trave	106	107	131	20	1					
66	Trave	111	12	131	20	1					
67	Trave	49	35	3	5	4					
68	Trave	13	45	3	4	4					
69	Trave	38	40	131	21	1					
70	Trave	43	44	3	5	4					
71	Trave	57	9	3	4	4					
72	Trave	56	57	3	4	4					

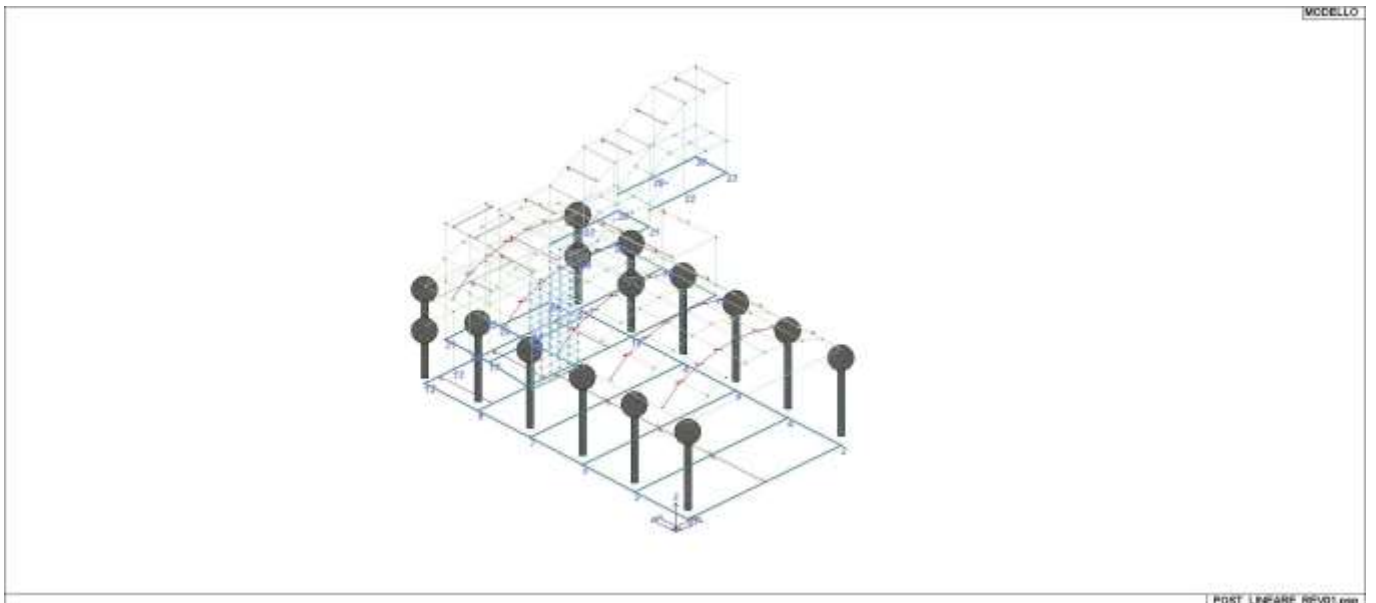
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74	Pilas.	60	56	3	23	4		
75	Pilas.	59	57	3	23	4		
76	Pilas.	54	58	3	23	4		
77	Trave	109	110	131	20	1		
78	Trave f.	65	83	3	19	4	1.00	1.00
79	Trave	55	58	3	4	4		
80	Trave	58	13	3	4	4		
81	Trave	14	61	131	21	1		
82	Trave	9	31	3	4	4		
83	Pilas.	53	88	3	8	4		
84	Trave f.	50	54	3	19	4	1.00	1.00
85	Pilas.	67	66	3	9	4	90.00	
86	Pilas.	69	74	3	8	4		
87	Pilas.	87	75	3	8	4		
88	Trave	29	74	3	16	4		
89	Trave	74	75	3	16	4		
90	Pilas.	76	77	3	8	4		
91	Trave	75	77	3	16	4		
92	Trave f.	54	10	3	19	4	1.00	1.00
93	Trave	77	78	3	16	4		
94	Trave	81	80	3	16	4		
95	Pilas.	71	69	3	8	4		
96	Trave	82	81	3	16	4		
97	Pilas.	84	81	3	8	4		
98	Trave	73	82	3	16	4		
99	Trave	27	73	3	16	4		
100	Pilas.	88	82	3	8	4		
101	Pilas.	51	73	3	8	4		
102	Pilas.	79	84	3	8	4		
103	Pilas.	70	76	3	8	4		
104	Pilas.	65	53	3	8	4		
105	Pilas.	83	68	3	8	4		
106	Pilas.	72	85	3	8	4		
107	Pilas.	33	86	3	8	4		
108	Pilas.	86	80	3	8	4		
109	Pilas.	85	78	3	8	4		
110	Trave f.	1	16	3	19	4	1.00	1.00
111	Trave f.	8	15	3	19	4	1.00	1.00
112	Trave f.	60	50	3	19	4	1.00	1.00
113	Trave f.	59	54	3	19	4	1.00	1.00
114	Trave f.	5	10	3	19	4	1.00	1.00
115	Trave f.	39	162	3	19	4	1.00	1.00
116	Trave f.	30	34	3	19	4	1.00	1.00
117	Trave f.	34	39	3	19	4	1.00	1.00
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119	Trave f.	59	5	3	19	4	1.00	1.00
120	Trave f.	60	59	3	19	4	1.00	1.00
121	Trave f.	8	60	3	19	4	1.00	1.00
122	Trave f.	1	8	3	19	4	1.00	1.00
123	Trave f.	16	15	3	19	4	1.00	1.00
124	Trave f.	15	50	3	19	4	1.00	1.00
125	Trave	66	21	3	6	4		
126	Trave	23	66	3	6	4		
127	Trave	39	22	3	6	4		
128	Trave	22	67	3	6	4		
129	Trave	67	20	3	6	4		
130	Trave	20	18	3	6	4		
131	Trave	48	18	3	6	4		
132	Trave	24	48	3	6	4		
133	Trave	32	200	3	6	4		
134	Trave	22	24	3	6	4		
135	Trave f.	10	3	3	19	4	1.00	1.00
136	Trave f.	3	17	3	19	4	1.00	1.00
137	Trave f.	32	17	3	19	4	1.00	1.00
138	Trave f.	17	64	3	19	4	1.00	1.00
139	Trave	48	28	3	6	4		
140	Trave f.	28	71	3	19	4	1.00	1.00
141	Trave f.	71	83	3	19	4	1.00	1.00
142	Trave f.	68	70	3	19	4	1.00	1.00
143	Trave f.	70	72	3	19	4	1.00	1.00
144	Trave	11	112	131	20	1		
145	Trave	61	115	131	20	1		
146	Trave	113	114	131	20	1		
147	Trave	116	117	131	20	1		
148	Trave	114	61	131	20	1		
149	Trave	112	113	131	20	1		

150	Trave	117	7	131	20	1			
151	Trave	115	116	131	20	1			
152	Trave	56	118	131	20	1			
153	Trave	62	121	131	20	1			
154	Trave	119	120	131	20	1			
155	Trave	122	123	131	20	1			
156	Trave	120	62	131	20	1			
157	Trave	118	119	131	20	1			
158	Trave	123	55	131	20	1			
159	Trave	121	122	131	20	1			
160	Trave	57	124	131	20	1			
161	Trave	63	127	131	20	1			
162	Trave	125	126	131	20	1			
163	Trave	128	129	131	20	1			
164	Trave	126	63	131	20	1			
165	Trave	124	125	131	20	1			
166	Trave	129	58	131	20	1			
167	Trave	127	128	131	20	1			
168	Trave	9	130	131	20	1			
169	Trave	38	133	131	20	1			
170	Trave	131	132	131	20	1			
171	Trave	134	135	131	20	1			
172	Trave	132	38	131	20	1			
173	Trave	130	131	131	20	1			
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176	Trave	31	136	131	20	1			
177	Trave	40	139	131	20	1			
178	Trave	137	138	131	20	1			
179	Trave	37	41	131	20	1			
180	Trave	138	40	131	20	1			
181	Trave	136	137	131	20	1			
182	Trave	41	45	131	20	1			
183	Trave	139	37	131	20	1			
184	Trave	109	115	131	21	1			
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186	Trave	121	127	131	21	1			
187	Trave	127	133	131	21	1			
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190	Trave	128	134	131	21	1			
191	Trave	122	128	131	21	1			
192	Trave	116	122	131	21	1			
193	Trave	110	116	131	21	1			
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199	Trave	132	138	131	21	1			
200	Trave	126	132	131	21	1			
201	Trave	120	126	131	21	1			
202	Trave	114	120	131	21	1			
203	Trave	108	114	131	21	1			
204	Trave	107	113	131	21	1			
205	Trave	113	119	131	21	1			
206	Trave	119	125	131	21	1			
207	Trave	125	131	131	21	1			
208	Trave	131	137	131	21	1			
209	Trave	130	136	131	21	1			
210	Trave	31	45	3	5	4			
211	Trave	2	12	3	5	4			
212	Pilas.	142	18	3	8	4			
213	Pilas.	143	20	3	8	4			
214	Pilas.	144	22	3	9	4	90.00		
215	Pilas.	145	225	3	8	4			
216	Pilas.	148	48	3	8	4			
217	Trave f.	145	232	3	19	4		1.00	1.00
218	Pilas.	141	67	3	9	4	90.00		
219	Trave f.	147	151	3	19	4		1.00	1.00
220	Trave f.	147	144	3	19	4		1.00	1.00
221	Trave f.	144	141	3	19	4		1.00	1.00
222	Trave f.	141	143	3	19	4		1.00	1.00
223	Trave f.	143	142	3	19	4		1.00	1.00
224	Trave f.	148	142	3	19	4		1.00	1.00
225	Trave f.	145	148	3	19	4		1.00	1.00
226	Trave f.	146	194	3	19	4		1.00	1.00

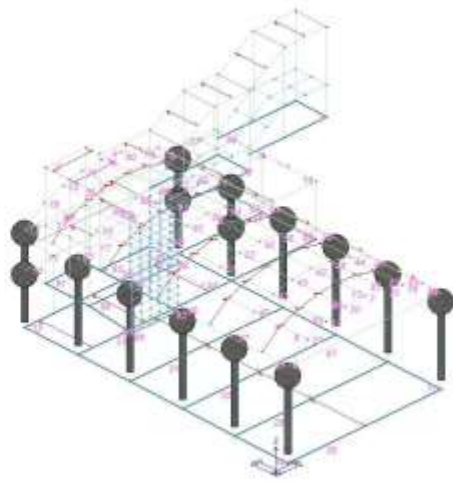
227	Trave f.	144	145	3	19	4	1.00	1.00
228	Trave	238	246	3	6	4		
229	Trave f.	162	170	3	19	4	1.00	1.00
230	Trave	200	208	3	6	4		
231	Pilas.	225	226	3	8	4		
232	Trave f.	232	240	3	19	4	1.00	1.00
233	Trave f.	151	164	3	19	4	1.00	1.00
234	Trave f.	194	202	3	19	4	1.00	1.00
235	Trave	246	254	3	6	4		
236	Trave f.	170	178	3	19	4	1.00	1.00
237	Trave	208	216	3	6	4		
238	Pilas.	226	227	3	8	4		
239	Trave f.	240	248	3	19	4	1.00	1.00
240	Trave f.	164	172	3	19	4	1.00	1.00
241	Trave f.	202	210	3	19	4	1.00	1.00
242	Trave	254	262	3	6	4		
243	Trave f.	178	186	3	19	4	1.00	1.00
244	Trave	216	224	3	6	4		
245	Pilas.	227	228	3	8	4		
246	Trave f.	248	256	3	19	4	1.00	1.00
247	Trave f.	172	180	3	19	4	1.00	1.00
248	Trave f.	210	218	3	19	4	1.00	1.00
249	Trave	262	26	3	6	4		
250	Trave f.	186	32	3	19	4	1.00	1.00
251	Trave	224	24	3	6	4		
252	Pilas.	228	229	3	8	4		
253	Trave f.	256	140	3	19	4	1.00	1.00
254	Trave f.	180	146	3	19	4	1.00	1.00
255	Trave f.	218	145	3	19	4	1.00	1.00
256	Pilas.	229	230	3	8	4		
257	Pilas.	230	24	3	8	4		
258	Pilas.	269	286	3	8	4		
259	Trave f.	148	269	3	19	4	1.00	1.00
260	Trave f.	140	271	3	19	4	1.00	1.00
261	Trave	26	277	3	6	4		
262	Pilas.	286	287	3	8	4		
263	Trave f.	271	279	3	19	4	1.00	1.00
264	Trave	89	285	3	6	4		
265	Trave	277	89	3	6	4		
266	Pilas.	287	288	3	8	4		
267	Trave f.	279	269	3	19	4	1.00	1.00
268	Trave	285	28	3	6	4		
269	Pilas.	288	289	3	8	4		
270	Pilas.	289	290	3	8	4		
271	Pilas.	290	291	3	8	4		
272	Pilas.	291	28	3	8	4		



15_MOD_NUMERAZIONE_D2



15_MOD_NUMERAZIONE_D2_PILASTRATE



15_MOD_NUMERAZIONE_D2_TRAVATE

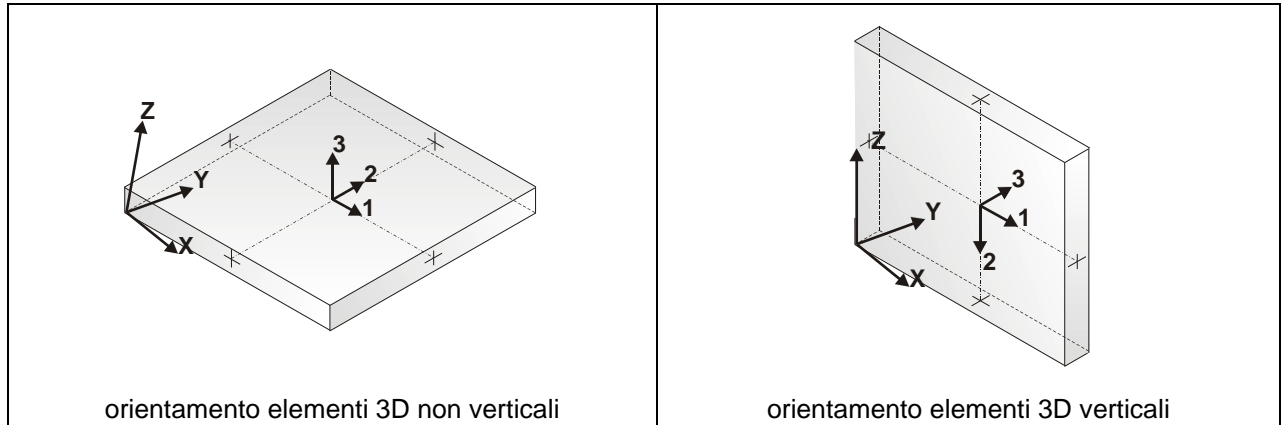
MODELLAZIONE STRUTTURA: ELEMENTI SHELL

LEGENDA TABELLA DATI SHELL

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

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

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

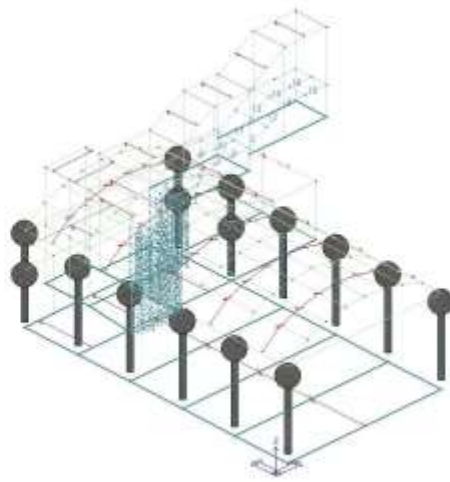


In particolare per ogni elemento viene indicato in tabella:

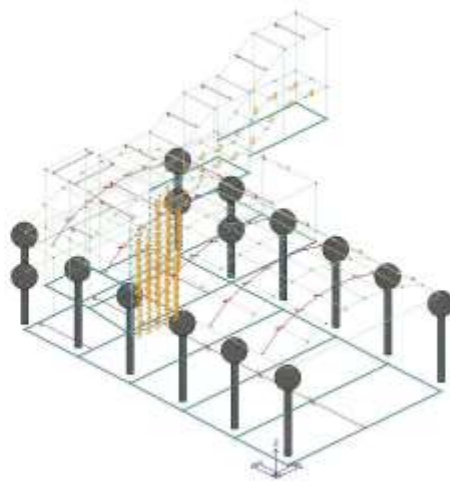
Elem.	numero dell'elemento
Note	codice di comportamento: <i>Guscio</i> (elemento guscio in elevazione non verticale) <i>Guscio fond.</i> (elemento guscio su suolo elastico) <i>Setto</i> (elemento guscio in elevazione verticale) <i>Membrana</i> (elemento guscio con comportamento membranale)
Nodo I (J,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

Elem.	Note	Nodo I	Nodo J	Nodo K	Nodo L	Mat.	Crit.	Spessore cm	Svincolo	Wink V daN/cm3	Wink O daN/cm3
1	Guscio	277	91	90	89	3	4	20.0			
2	Guscio	52	95	94	93	3	4	20.0			
3	Guscio	88	99	98	97	3	4	20.0			
4	Guscio	84	103	102	101	3	4	20.0			
5	Guscio	285	90	92	28	3	4	20.0			
6	Guscio	91	52	93	90	3	4	20.0			
7	Guscio	90	93	69	92	3	4	20.0			
8	Guscio	93	94	96	69	3	4	20.0			
9	Guscio	95	88	97	94	3	4	20.0			
10	Guscio	94	97	87	96	3	4	20.0			
11	Guscio	97	98	100	87	3	4	20.0			
12	Guscio	99	84	101	98	3	4	20.0			
13	Guscio	98	101	76	100	3	4	20.0			
14	Guscio	101	102	104	76	3	4	20.0			
15	Guscio	103	86	105	102	3	4	20.0			
16	Guscio	102	105	85	104	3	4	20.0			
17	Setto	149	150	151	147	3	4	30.0			
18	Setto	152	153	150	149	3	4	30.0			
19	Setto	154	155	153	152	3	4	30.0			
20	Setto	156	157	155	154	3	4	30.0			
21	Setto	158	159	157	156	3	4	30.0			
22	Setto	160	161	159	158	3	4	30.0			
23	Setto	39	162	161	160	3	4	30.0			
24	Setto	150	163	164	151	3	4	30.0			
25	Setto	153	165	163	150	3	4	30.0			
26	Setto	155	166	165	153	3	4	30.0			
27	Setto	157	167	166	155	3	4	30.0			
28	Setto	159	168	167	157	3	4	30.0			
29	Setto	161	169	168	159	3	4	30.0			
30	Setto	162	170	169	161	3	4	30.0			
31	Setto	163	171	172	164	3	4	30.0			
32	Setto	165	173	171	163	3	4	30.0			
33	Setto	166	174	173	165	3	4	30.0			
34	Setto	167	175	174	166	3	4	30.0			
35	Setto	168	176	175	167	3	4	30.0			
36	Setto	169	177	176	168	3	4	30.0			
37	Setto	170	178	177	169	3	4	30.0			
38	Setto	171	179	180	172	3	4	30.0			
39	Setto	173	181	179	171	3	4	30.0			
40	Setto	174	182	181	173	3	4	30.0			
41	Setto	175	183	182	174	3	4	30.0			
42	Setto	176	184	183	175	3	4	30.0			
43	Setto	177	185	184	176	3	4	30.0			
44	Setto	178	186	185	177	3	4	30.0			
45	Setto	179	187	146	180	3	4	30.0			
46	Setto	181	188	187	179	3	4	30.0			
47	Setto	182	189	188	181	3	4	30.0			
48	Setto	183	190	189	182	3	4	30.0			
49	Setto	184	191	190	183	3	4	30.0			
50	Setto	185	192	191	184	3	4	30.0			
51	Setto	186	32	192	185	3	4	30.0			
52	Setto	146	194	193	187	3	4	30.0			
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54	Setto	188	195	196	189	3	4	30.0			
55	Setto	189	196	197	190	3	4	30.0			
56	Setto	190	197	198	191	3	4	30.0			
57	Setto	191	198	199	192	3	4	30.0			
58	Setto	192	199	200	32	3	4	30.0			
59	Setto	194	202	201	193	3	4	30.0			
60	Setto	193	201	203	195	3	4	30.0			
61	Setto	195	203	204	196	3	4	30.0			
62	Setto	196	204	205	197	3	4	30.0			
63	Setto	197	205	206	198	3	4	30.0			
64	Setto	198	206	207	199	3	4	30.0			
65	Setto	199	207	208	200	3	4	30.0			
66	Setto	202	210	209	201	3	4	30.0			
67	Setto	201	209	211	203	3	4	30.0			
68	Setto	203	211	212	204	3	4	30.0			
69	Setto	204	212	213	205	3	4	30.0			
70	Setto	205	213	214	206	3	4	30.0			
71	Setto	206	214	215	207	3	4	30.0			
72	Setto	207	215	216	208	3	4	30.0			

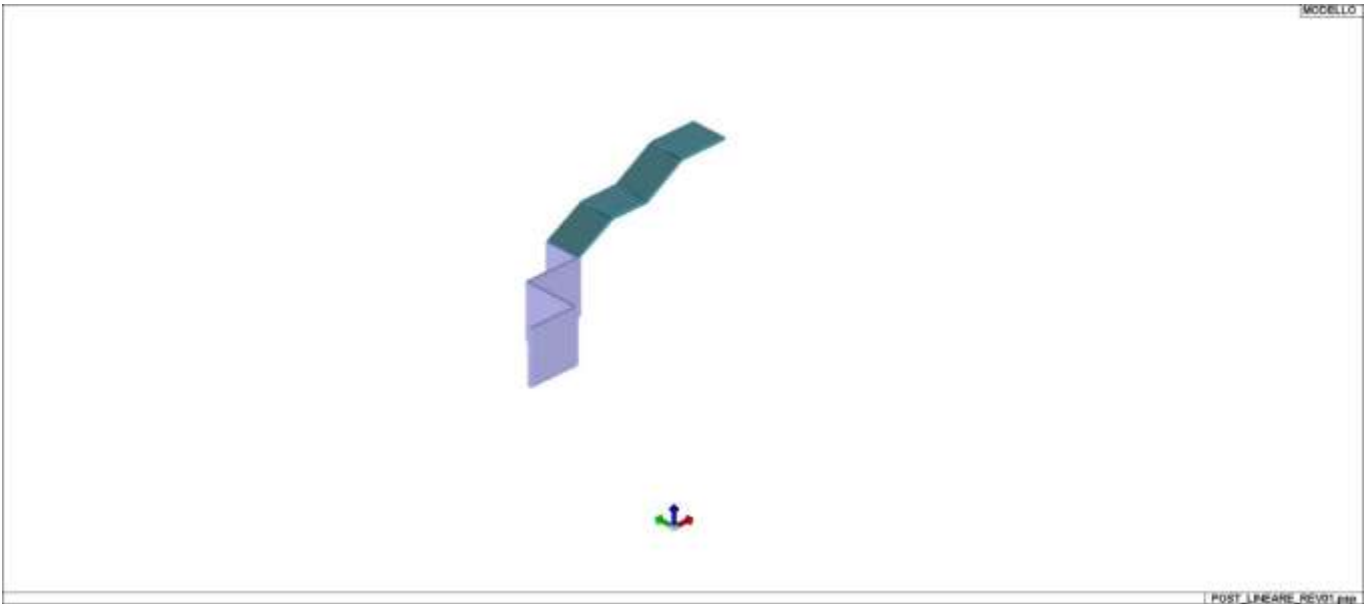
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75	Setto	211	219	220	212	3	4	30.0
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77	Setto	213	221	222	214	3	4	30.0
78	Setto	214	222	223	215	3	4	30.0
79	Setto	215	223	224	216	3	4	30.0
80	Setto	218	145	225	217	3	4	30.0
81	Setto	217	225	226	219	3	4	30.0
82	Setto	219	226	227	220	3	4	30.0
83	Setto	220	227	228	221	3	4	30.0
84	Setto	221	228	229	222	3	4	30.0
85	Setto	222	229	230	223	3	4	30.0
86	Setto	223	230	24	224	3	4	30.0
87	Setto	225	231	232	145	3	4	30.0
88	Setto	226	233	231	225	3	4	30.0
89	Setto	227	234	233	226	3	4	30.0
90	Setto	228	235	234	227	3	4	30.0
91	Setto	229	236	235	228	3	4	30.0
92	Setto	230	237	236	229	3	4	30.0
93	Setto	24	238	237	230	3	4	30.0
94	Setto	231	239	240	232	3	4	30.0
95	Setto	233	241	239	231	3	4	30.0
96	Setto	234	242	241	233	3	4	30.0
97	Setto	235	243	242	234	3	4	30.0
98	Setto	236	244	243	235	3	4	30.0
99	Setto	237	245	244	236	3	4	30.0
100	Setto	238	246	245	237	3	4	30.0
101	Setto	239	247	248	240	3	4	30.0
102	Setto	241	249	247	239	3	4	30.0
103	Setto	242	250	249	241	3	4	30.0
104	Setto	243	251	250	242	3	4	30.0
105	Setto	244	252	251	243	3	4	30.0
106	Setto	245	253	252	244	3	4	30.0
107	Setto	246	254	253	245	3	4	30.0
108	Setto	247	255	256	248	3	4	30.0
109	Setto	249	257	255	247	3	4	30.0
110	Setto	250	258	257	249	3	4	30.0
111	Setto	251	259	258	250	3	4	30.0
112	Setto	252	260	259	251	3	4	30.0
113	Setto	253	261	260	252	3	4	30.0
114	Setto	254	262	261	253	3	4	30.0
115	Setto	255	263	140	256	3	4	30.0
116	Setto	257	264	263	255	3	4	30.0
117	Setto	258	265	264	257	3	4	30.0
118	Setto	259	266	265	258	3	4	30.0
119	Setto	260	267	266	259	3	4	30.0
120	Setto	261	268	267	260	3	4	30.0
121	Setto	262	26	268	261	3	4	30.0
122	Setto	140	271	270	263	3	4	30.0
123	Setto	263	270	272	264	3	4	30.0
124	Setto	264	272	273	265	3	4	30.0
125	Setto	265	273	274	266	3	4	30.0
126	Setto	266	274	275	267	3	4	30.0
127	Setto	267	275	276	268	3	4	30.0
128	Setto	268	276	277	26	3	4	30.0
129	Setto	271	279	278	270	3	4	30.0
130	Setto	270	278	280	272	3	4	30.0
131	Setto	272	280	281	273	3	4	30.0
132	Setto	273	281	282	274	3	4	30.0
133	Setto	274	282	283	275	3	4	30.0
134	Setto	275	283	284	276	3	4	30.0
135	Setto	276	284	89	277	3	4	30.0
136	Setto	279	269	286	278	3	4	30.0
137	Setto	278	286	287	280	3	4	30.0
138	Setto	280	287	288	281	3	4	30.0
139	Setto	281	288	289	282	3	4	30.0
140	Setto	282	289	290	283	3	4	30.0
141	Setto	283	290	291	284	3	4	30.0
142	Setto	284	291	28	285	3	4	30.0
143	Guscio	26	91	277		3	4	20.0
144	Guscio	89	90	285		3	4	20.0
145	Setto	89	284	285		3	4	30.0



16_MOD_NUMERAZIONE_D3



16_MOD_NUMERAZIONE_D3_PARETI



16_MOD_SPESSORI_D3

MODELLAZIONE DELLA STRUTTURA: ELEMENTI SOLAIO-PANNELLO

LEGENDA TABELLA DATI SOLAI-PANNELLI

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

Ogni elemento solaio-pannello 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 solaio, 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.

L'elemento pannello è utilizzato solo per l'applicazione dei carichi, quali pesi delle tamponature o spinte dovute al vento o terre. In questo caso i carichi sono applicati in analogia agli altri elementi strutturali (si veda il cap. SCHEMATIZZAZIONE DEI CASI DI CARICO).

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 P elemento utilizzato come pannello 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 solaio (comprensivo del peso proprio)

Qk	carico variabile solaio
Nodi	numero dei nodi che definiscono l'elemento (5 per riga)

Nel caso in cui si sia proceduto alla progettazione dei solai 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 f_{ck} in combinazioni rare [normalizzato a 1]
rFfck	rapporto tra la massima compressione nel calcestruzzo e la tensione f_{ck} in combinazioni frequenti [normalizzato a 1]
rPfck	rapporto tra la massima compressione nel calcestruzzo e la tensione f_{ck} in combinazioni quasi permanenti [normalizzato a 1]
rRfyk	rapporto tra la massima tensione nell'acciaio e la tensione f_{yk} in combinazioni frequenti [normalizzato a 1]
rFyk	rapporto tra la massima tensione nell'acciaio e la tensione f_{yk} in combinazioni rare [normalizzato a 1]
rPfyk	rapporto tra la massima tensione nell'acciaio e la tensione f_{yk} 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]

Nel caso in cui si sia proceduto alla verifica delle tamponature secondo il D.M. 17.01.2018 - §7.2.3 viene riportata una tabella riassuntiva delle verifiche degli elementi pannello. La verifica confronta i momenti sollecitanti indotti dal sisma con i momenti resistenti, secondo tre ipotesi, due basate sulla resistenza a pressoflessione della tamponatura ed una basata sul cinematismo a seguito della formazione di tre cerniere plastiche sulla tamponatura (rif. Ufficio di

Vigilanza sulle Costruzioni, Provincia di Terni).

Qualora la tamponatura sia di tipo antiespulsione (nelle due possibili varianti ordinaria o armata) viene condotta una verifica con meccanismo ad arco con degrado di resistenza. La verifica confronta le pressioni sollecitanti indotte dal sisma con le pressioni resistenti che la tamponatura sviluppa attraverso il meccanismo ad arco. La verifica considera anche il degrado di resistenza dovuto al danneggiamento nel piano della tamponatura.

Per quest'ultima tamponatura sono disponibili, in funzione del materiale impiegato (materiale [52] o materiale [53]):

- **Tamponatura Antiespulsione ordinaria Poroton® Cis Edil** sp.30 cm; con metodo di verifica per meccanismo ad arco con degrado di resistenza, sviluppato attraverso i risultati di un progetto di ricerca sperimentale condotto dall'Università degli Studi di Padova.
Utilizzabile per il materiale [52].
- **Tamponatura Antiespulsione armata Poroton® Cis Edil** sp.30 cm; con metodo di verifica per meccanismo ad arco con degrado di resistenza, sviluppato attraverso i risultati di un progetto di ricerca sperimentale condotto dall'Università degli Studi di Padova.
Utilizzabile per il materiale [53].

La verifica è stata calibrata sulla base di prove sperimentali sul sistema di Tamponatura Antiespulsione anche in presenza di aperture.

(rif. Rapporti di Prova redatti dal Dipartimento ICEA - Università degli Studi di Padova di test sperimentali condotti sul sistema Tamponatura Antiespulsione di Cis Edil)

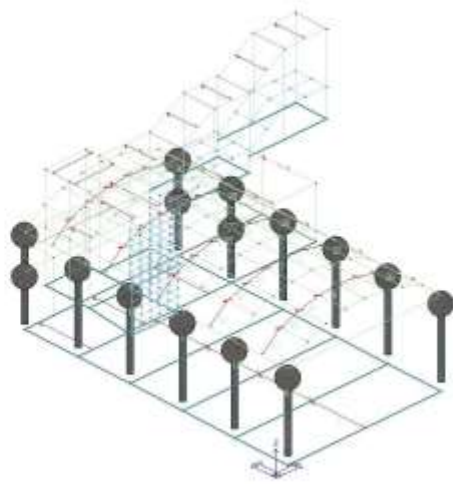
In particolare i simboli utilizzati in tabella assumono il seguente significato:

Elem.	Numero identificativo dell'elemento
Stato	Codice di verifica
Ver. c.c.	Verifica nell'ipotesi di trave appoggiata con carico concentrato in mezzzeria
Ver. c.d.	Verifica nell'ipotesi di trave appoggiata con carico distribuito
Ver. c.cin.	Verifica nell'ipotesi di cinematico con formazione di cerniere plastiche in appoggio e mezzzeria
Ver. CIS	Rapporto pa/pr (valore minore o uguale a 1 per verifica positiva)
Z	Quota del baricentro dell'elemento
T1	Periodo proprio dell'edificio nella direzione di interesse (ortogonale al pannello)
Ta	Periodo proprio della parete
Sa	Accelerazione massima, adimensionalizzata allo SLV
pa	Pressione sulla parete causata dall'azione sismica
pr	Pressione resistente del meccanismo ad arco
Drift	Spostamento relativo interpiano allo SLV valutato secondo il D.M. 14.01.2018 - § 7.3.3.3
Beta a	Coef. riduttivo per tener conto del danneggiamento del piano dipendente dallo spostamento, ottenuto sperimentalmente

ID Arch.	Tipo	G1k kN/ m2	G2k kN/ m2	Qk kN/ m2	Fatt. A	s sis.	Psi 0	Psi 1	Psi 2	Psi S 2	Fatt. Fi
1	Variab.	4.50	1.00	2.00		1.00	0.70	0.50	0.30	0.30	1.00
6	Neve	3.00		1.00		1.00	0.50	0.20	0.0	0.0	1.00
8	Variab.	4.50	1.00	3.00		1.00	0.70	0.50	0.30	0.30	1.00

Elem.	Tipo	ID Arch.	Mat.	Spessore	Orditura	G1k kN/ m2	G2k kN/ m2	Qk	Nodo 1/6..	Nodo 2/7..	Nodo 3/8..	Nodo..	Nodo..
1	CM	1	m=3	4.0	0.0	4.50	1.00	2.00	25	46	19	21	23
2	CM	1	m=3	4.0	90.0	4.50	1.00	2.00	4	6	44	47	
3	CM	1	m=3	4.0	90.0	4.50	1.00	2.00	27	29	46	25	
4	CM	6	m=3	4.0	90.0	3.00	1.00	1.00	29	27	73	74	
5	SM	8	m=3	1.0	90.0	4.50	1.00	3.00	16	15	8	1	
6	SM	8	m=3	1.0	90.0	4.50	1.00	3.00	15	50	60	8	
7	CM	1	m=3	4.0	90.0	4.50	1.00	2.00	6	51	25	44	
8	CM	1	m=3	4.0	90.0	4.50	1.00	2.00	43	44	25	23	42
9	CM	1	m=3	4.0	90.0	4.50	1.00	2.00	42	36	35	43	
10	SM	8	m=3	1.0	90.0	4.50	1.00	3.00	50	54	59	60	

11	SM	8	m=3	1.0	90.0	4.50	1.00	3.00	54	10	5	59
12	SM	1	m=3	1.0	90.0	4.50	1.00	2.00	10	32	39	34
13	CM	6	m=3	4.0	90.0	3.00		1.00	77	81	80	78
14	CM	6	m=3	4.0	90.0	3.00		1.00	75	82	81	77
15	CM	6	m=3	4.0	90.0	3.00		1.00	74	73	82	75
16	SM	6	m=131	1.0	0.0	3.00		1.00	110	116	115	109
17	SM	6	m=131	1.0	0.0	3.00		1.00	116	122	121	115
18	SM	6	m=131	1.0	0.0	3.00		1.00	122	128	127	121
19	SM	6	m=131	1.0	0.0	3.00		1.00	128	134	133	127
20	SM	6	m=131	1.0	0.0	3.00		1.00	134	37	139	133
21	SM	6	m=131	1.0	0.0	3.00		1.00	109	115	61	14
22	SM	6	m=131	1.0	0.0	3.00		1.00	115	121	62	61
23	SM	6	m=131	1.0	0.0	3.00		1.00	121	127	63	62
24	SM	6	m=131	1.0	0.0	3.00		1.00	127	133	38	63
25	SM	6	m=131	1.0	0.0	3.00		1.00	133	139	40	38
26	SM	6	m=131	1.0	0.0	3.00		1.00	111	117	116	110
27	SM	6	m=131	1.0	0.0	3.00		1.00	117	123	122	116
28	SM	6	m=131	1.0	0.0	3.00		1.00	123	129	128	122
29	SM	6	m=131	1.0	0.0	3.00		1.00	129	135	134	128
30	SM	6	m=131	1.0	0.0	3.00		1.00	135	41	37	134
31	SM	6	m=131	1.0	0.0	3.00		1.00	12	7	117	111
32	SM	6	m=131	1.0	0.0	3.00		1.00	7	55	123	117
33	SM	6	m=131	1.0	0.0	3.00		1.00	55	58	129	123
34	SM	6	m=131	1.0	0.0	3.00		1.00	58	13	135	129
35	SM	6	m=131	1.0	0.0	3.00		1.00	13	45	41	135
36	SM	6	m=131	1.0	0.0	3.00		1.00	14	61	114	108
37	SM	6	m=131	1.0	0.0	3.00		1.00	61	62	120	114
38	SM	6	m=131	1.0	0.0	3.00		1.00	62	63	126	120
39	SM	6	m=131	1.0	0.0	3.00		1.00	63	38	132	126
40	SM	6	m=131	1.0	0.0	3.00		1.00	38	40	138	132
41	SM	6	m=131	1.0	0.0	3.00		1.00	108	114	113	107
42	SM	6	m=131	1.0	0.0	3.00		1.00	114	120	119	113
43	SM	6	m=131	1.0	0.0	3.00		1.00	120	126	125	119
44	SM	6	m=131	1.0	0.0	3.00		1.00	126	132	131	125
45	SM	6	m=131	1.0	0.0	3.00		1.00	132	138	137	131
46	SM	6	m=131	1.0	0.0	3.00		1.00	107	113	112	106
47	SM	6	m=131	1.0	0.0	3.00		1.00	113	119	118	112
48	SM	6	m=131	1.0	0.0	3.00		1.00	119	125	124	118
49	SM	6	m=131	1.0	0.0	3.00		1.00	125	131	130	124
50	SM	6	m=131	1.0	0.0	3.00		1.00	131	137	136	130
51	SM	6	m=131	1.0	0.0	3.00		1.00	106	112	11	2
52	SM	6	m=131	1.0	0.0	3.00		1.00	112	118	56	11
53	SM	6	m=131	1.0	0.0	3.00		1.00	118	124	57	56
54	SM	6	m=131	1.0	0.0	3.00		1.00	124	130	9	57
55	SM	6	m=131	1.0	0.0	3.00		1.00	130	136	31	9



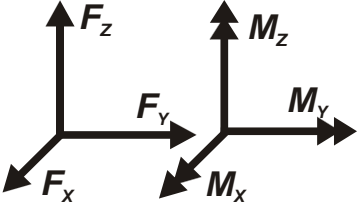
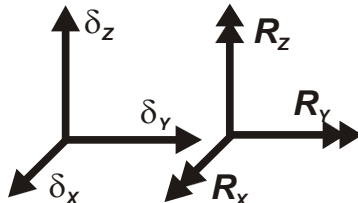
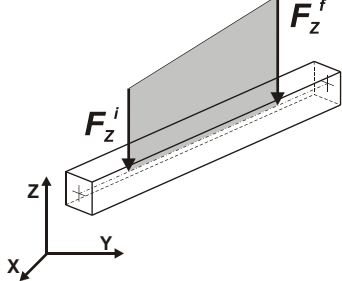
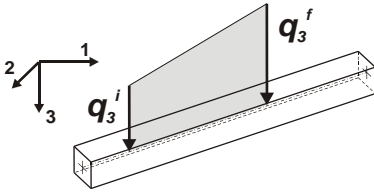
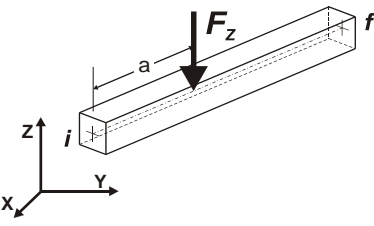
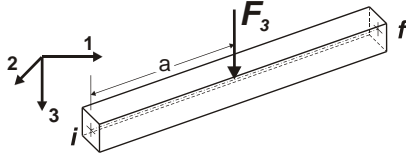
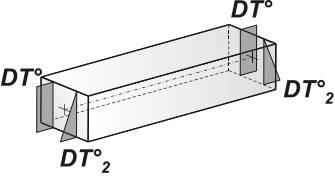
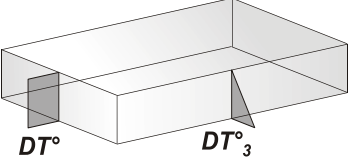
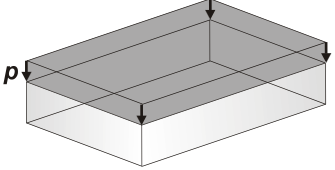
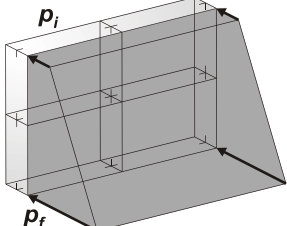
17_MOD_NUMERAZIONE_SOLAI

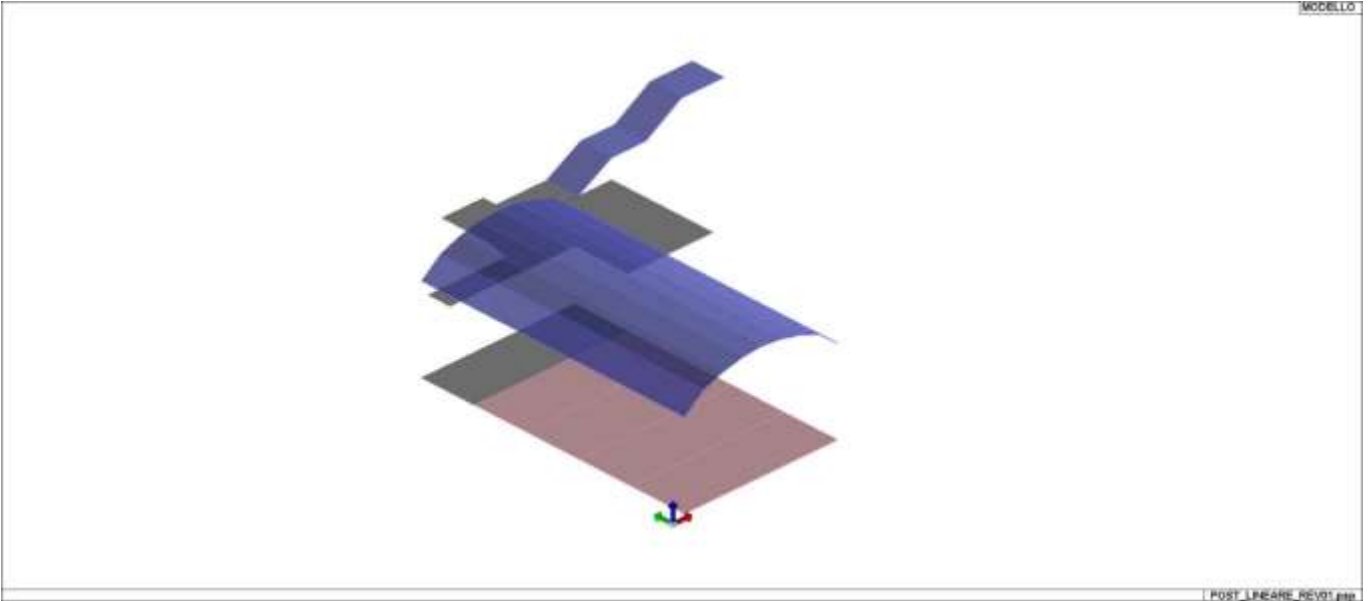
MODELLAZIONE DELLE AZIONI

LEGENDA TABELLA DATI AZIONI

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

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

 <p>Carico concentrato nodale</p>	 <p>Spostamento impresso</p>
 <p>Carico distribuito globale</p>	 <p>Carico distribuito locale</p>
 <p>Carico concentrato globale</p>	 <p>Carico concentrato locale</p>
 <p>Carico termico 2D</p>	 <p>Carico termico 3D</p>
 <p>Carico pressione uniforme</p>	 <p>Carico pressione variabile</p>



21_CAR_CARICHI_SOLAI

SCHEMATIZZAZIONE DEI CASI DI CARICO

LEGENDA TABELLA CASI DI CARICO

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

Sono previsti i seguenti 11 tipi di casi di carico:

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

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

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

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

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

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

Nella tabella successiva vengono riportati i casi di carico agenti sulla struttura, con l'indicazione dei dati relativi al caso di carico stesso:

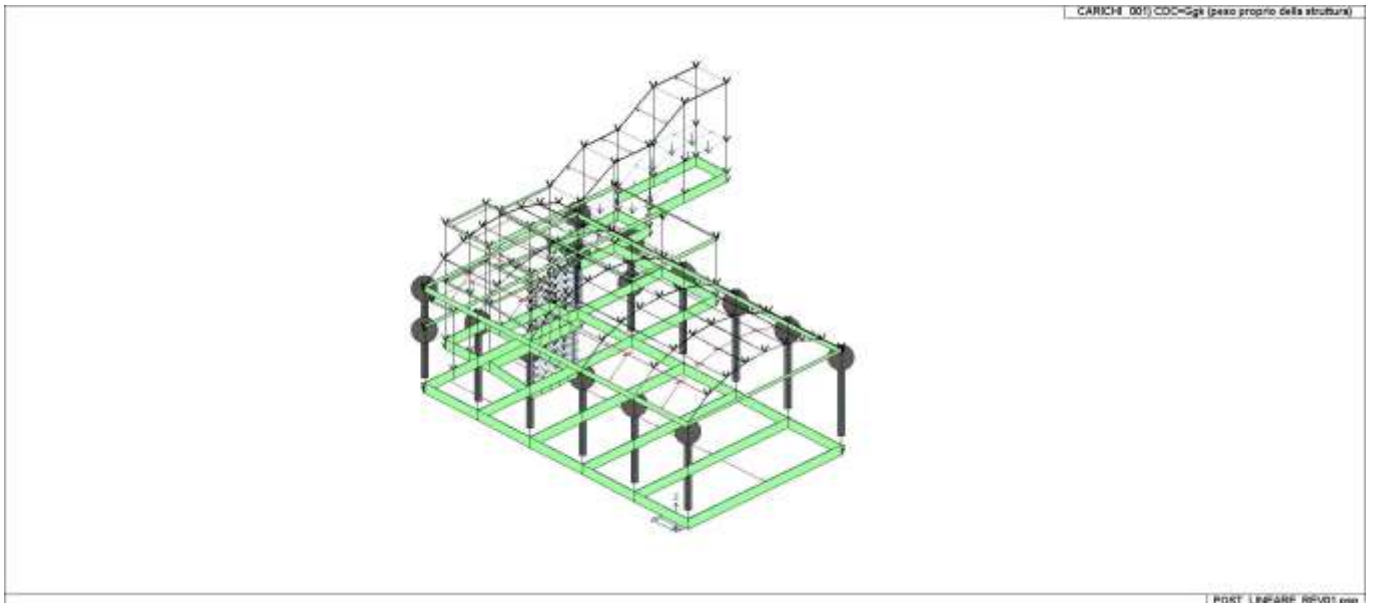
Numero Tipo e Sigla identificativa, Valore di riferimento del caso di carico (se previsto).

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

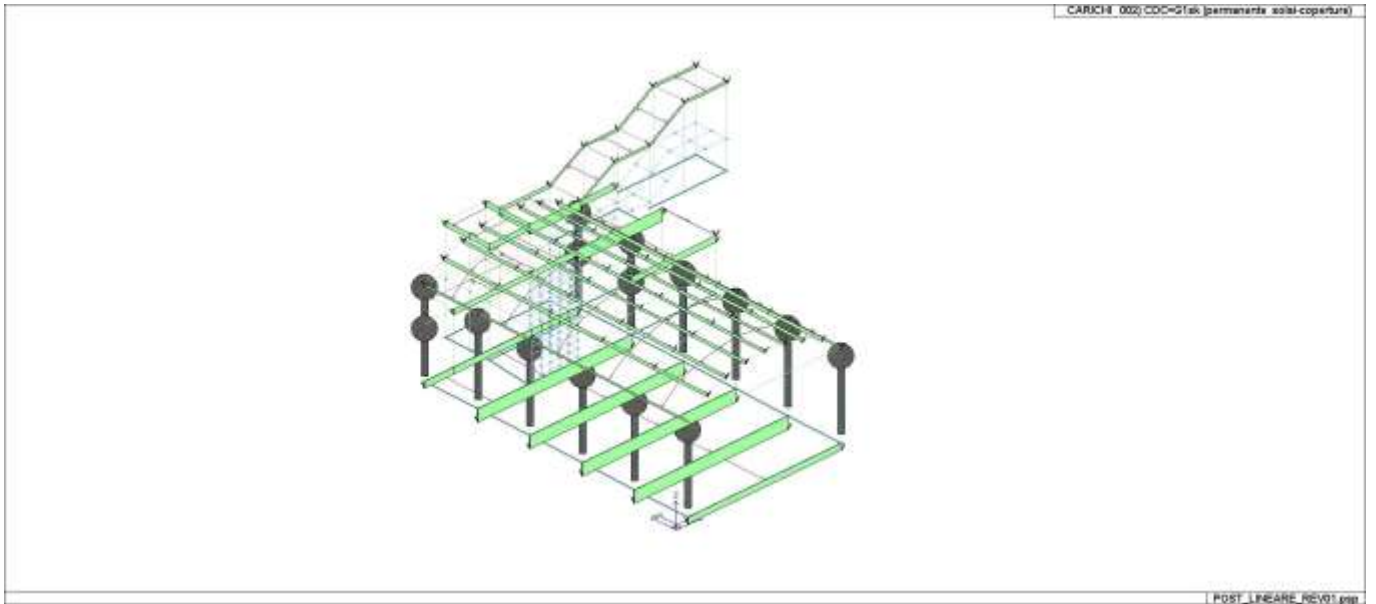
Per i casi di carico di tipo sismico (9-Esk e 10-Edk), viene riportata la tabella di definizione delle masse: per ogni caso di carico partecipante alla definizione delle masse viene indicata la relativa aliquota (partecipazione) considerata. Si precisa che per i caso di carico 5-Qsk e 6-Qnk la partecipazione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

CDC	Tipo	Sigla Id	Note
1	Ggk	CDC=Ggk (peso proprio della struttura)	
2	Gsk	CDC=G1sk (permanente solai-coperture)	
3	Gsk	CDC=G2sk (permanente solai-coperture n.c.d.)	
4	Qsk	CDC=Qsk (variabile solai)	
5	Qnk	CDC=Qnk (carico da neve)	

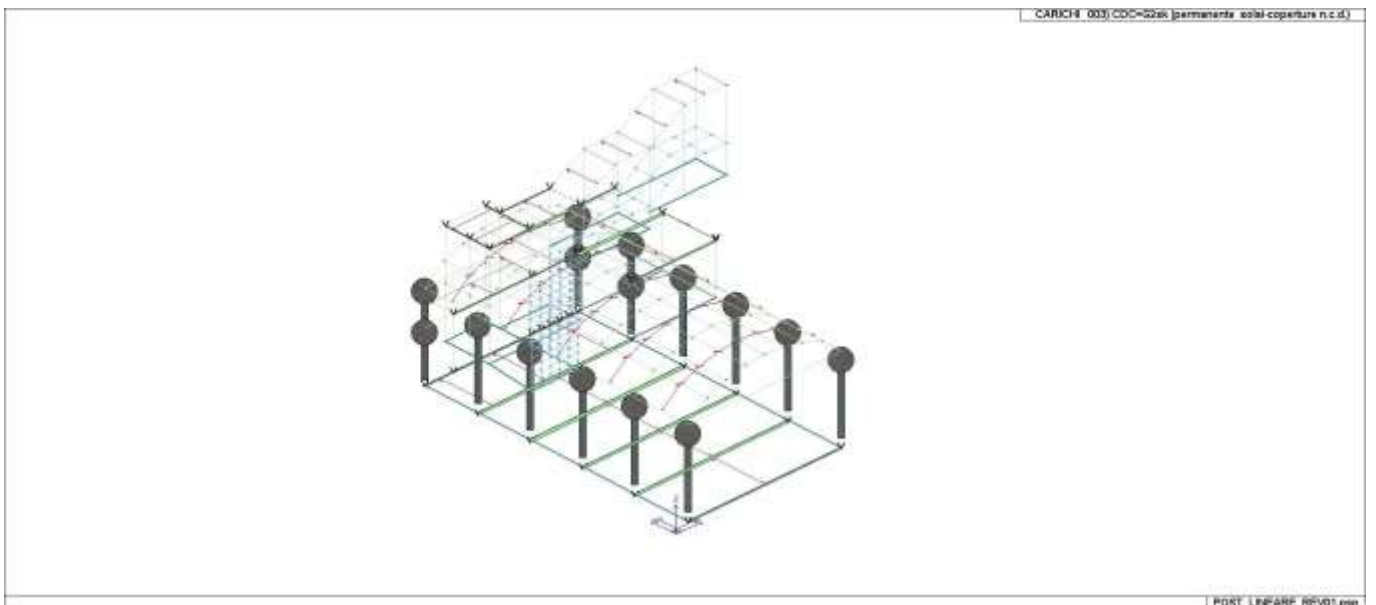
CDC	Tipo	Sigla Id	Note
6	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. +)	partecipazione:1.00 per 1 CDC=Ggk (peso proprio della struttura)
			partecipazione:1.00 per 2 CDC=G1sk (permanente solai-coperture)
			partecipazione:1.00 per 3 CDC=G2sk (permanente solai-coperture n.c.d.)
			partecipazione:1.00 per 4 CDC=Qsk (variabile solai)
			partecipazione:1.00 per 5 CDC=Qnk (carico da neve)
			partecipazione:0.80 per 14 CDC=Qk (variabile generico)
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	Qk	CDC=Qk (variabile generico)	Azioni applicate:



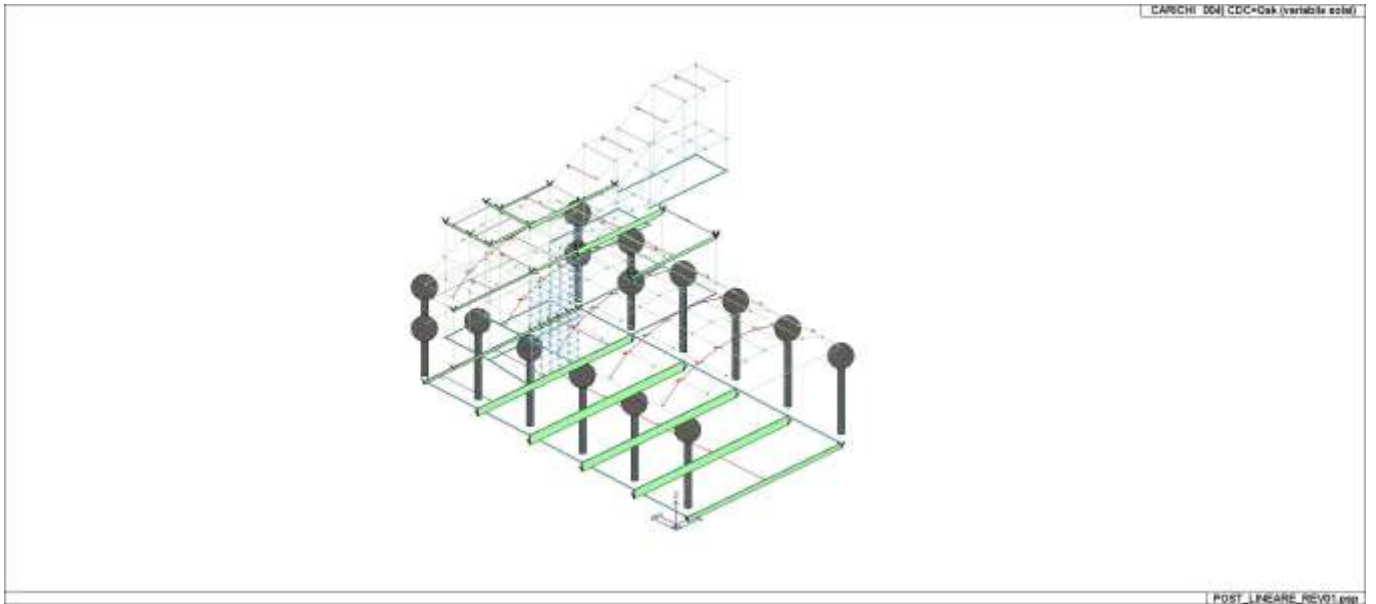
22_CDC_001_CDC=Ggk (peso proprio della struttura)



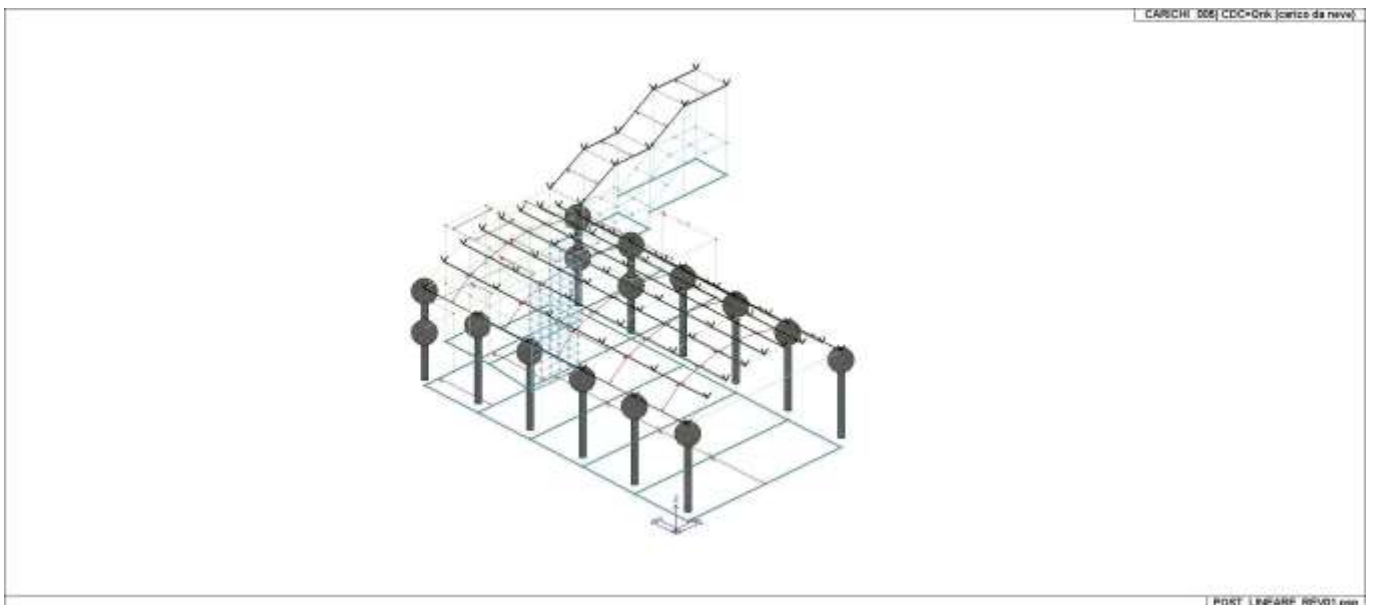
22_CDC_002_CDC=G1sk (permanente solai-copertura)



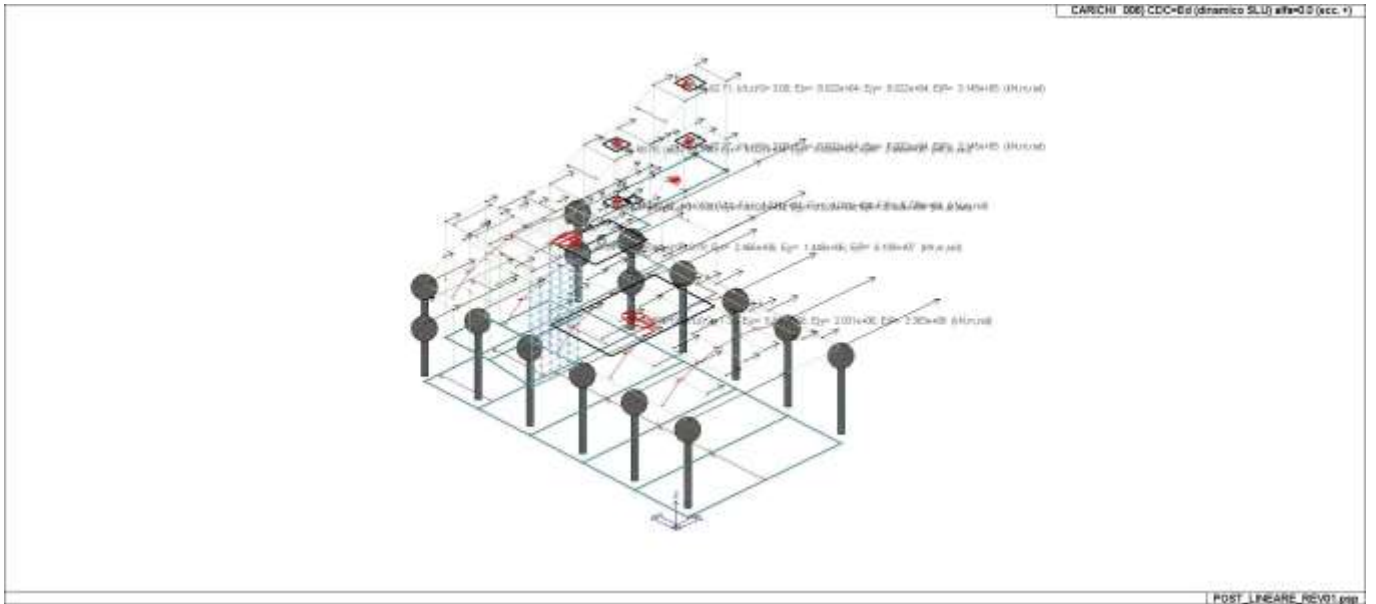
22_CDC_003_CDC=G2sk (permanente solai-copertura n.c.d.)

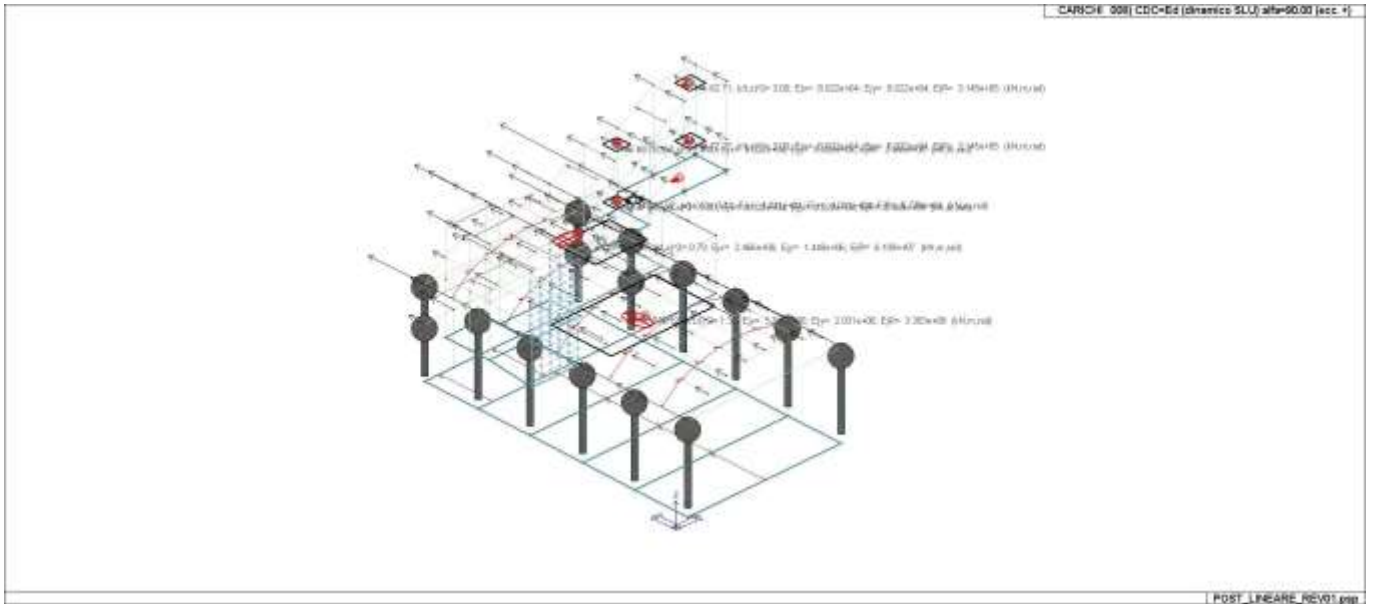


22_CDC_004_CDC=Qsk (variabile solai)

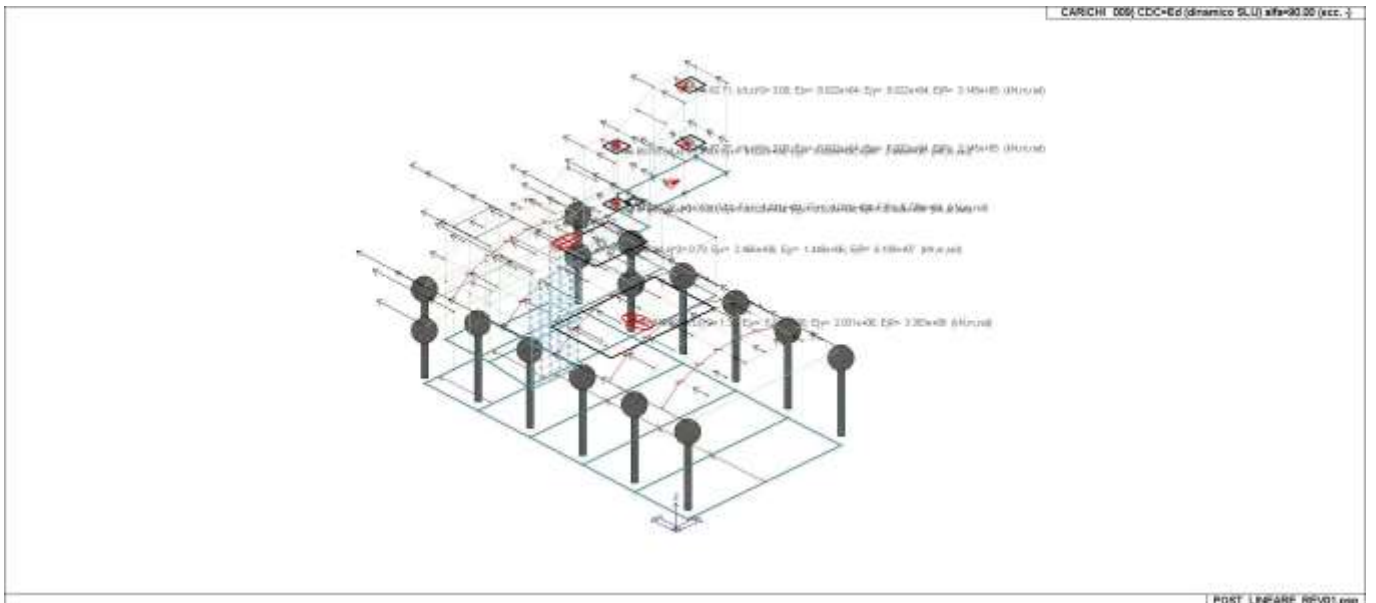


22_CDC_005_CDC=Qnk (carico da neve)

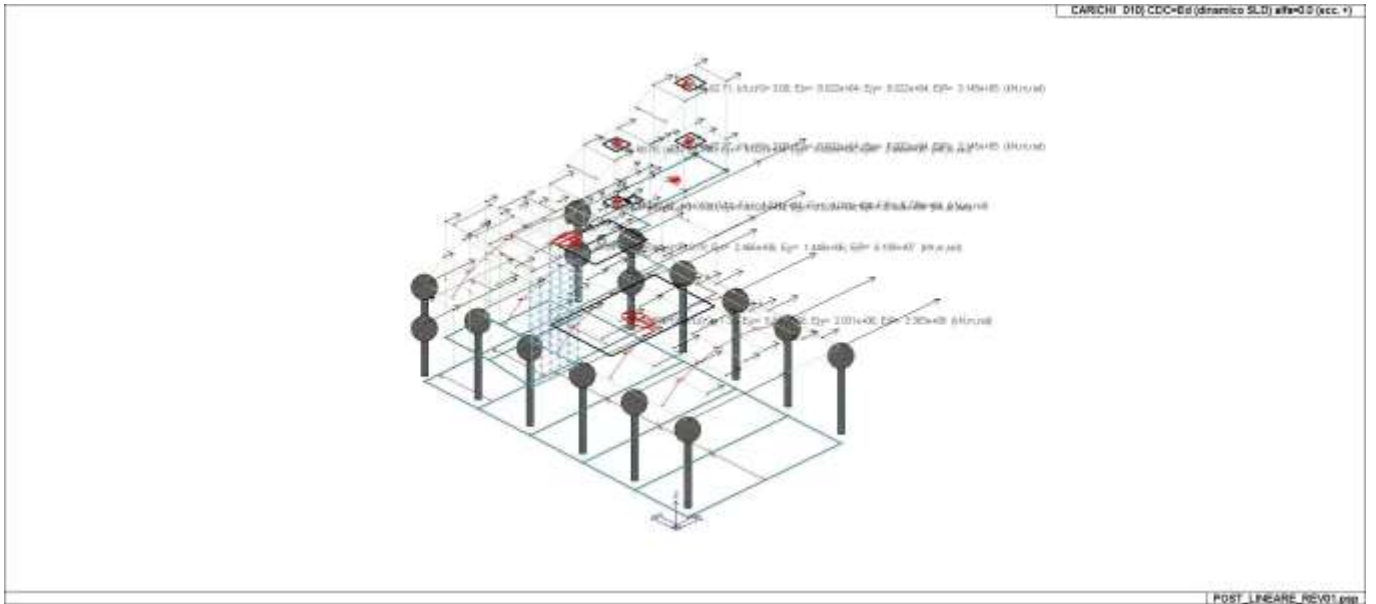




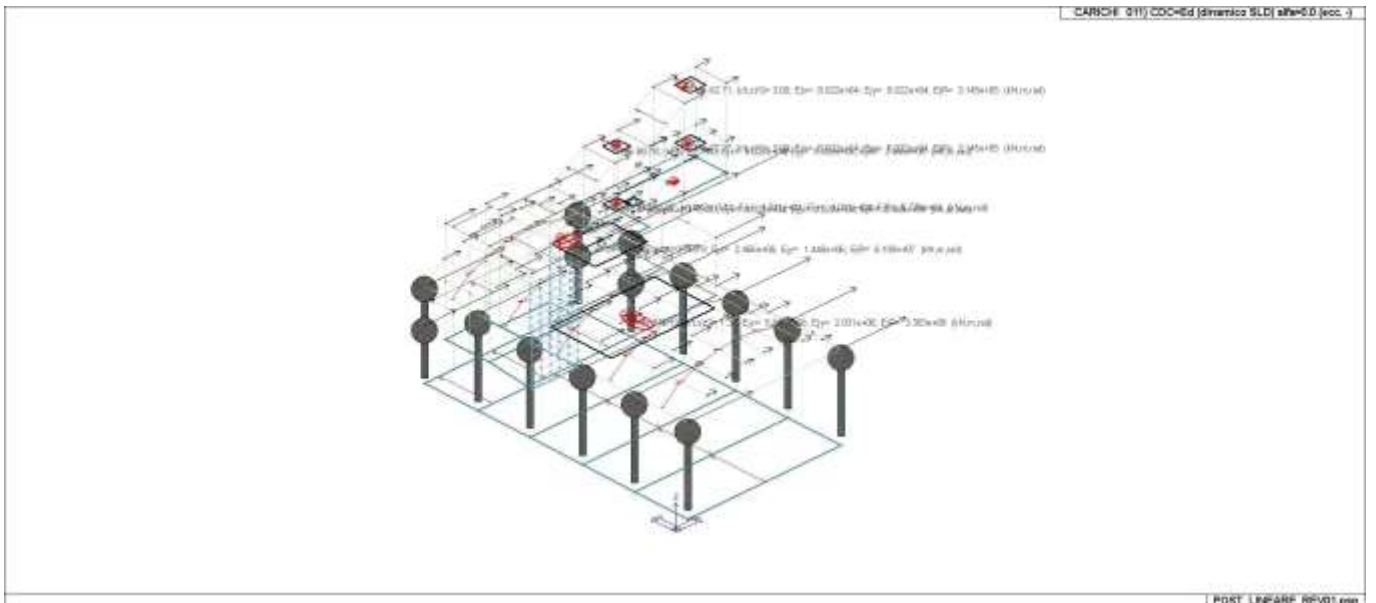
22_CDC_008_CDC=Ed (dinamico SLU) alfa=90.00 (ecc. +)



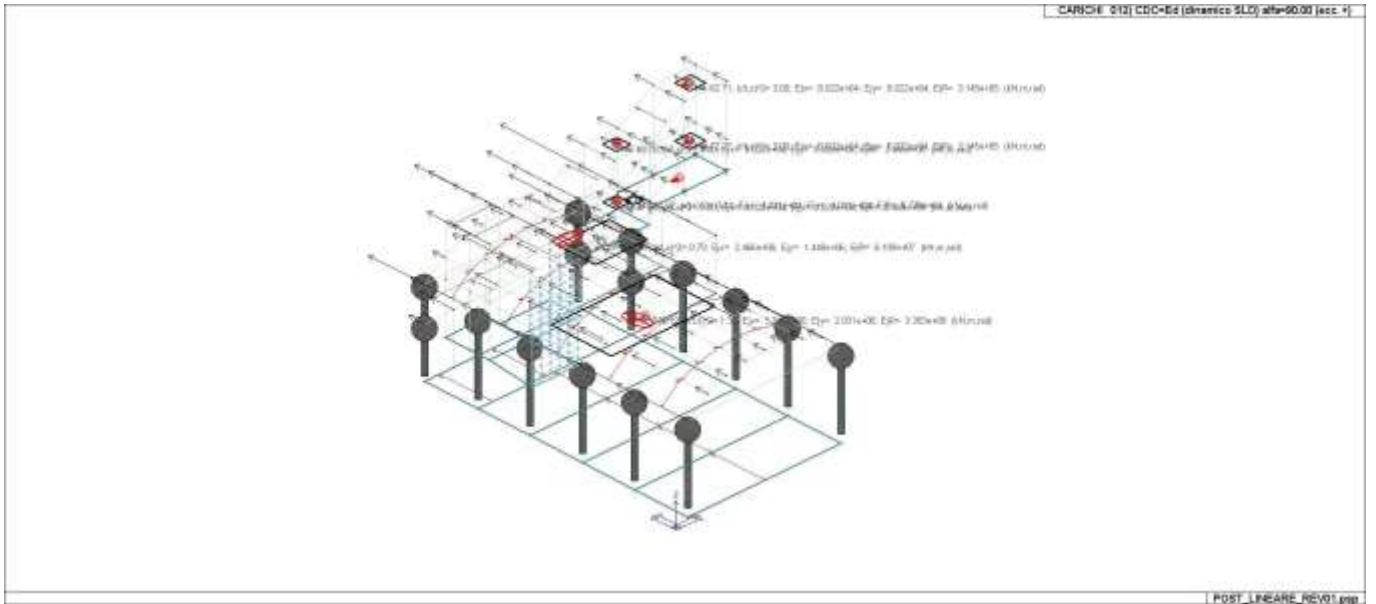
22_CDC_009_CDC=Ed (dinamico SLU) alfa=90.00 (ecc. -)



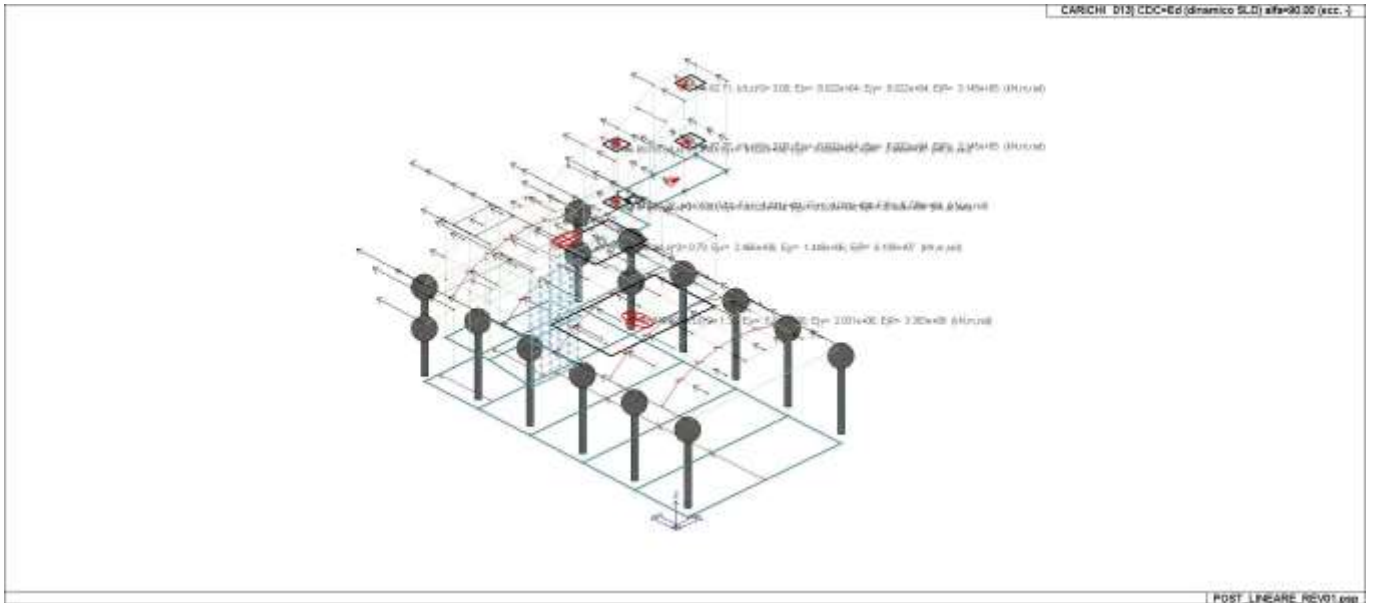
22_CDC_010_CDC=Ed (dinamico SLD) alfa=0.0 (ecc. +)



22_CDC_011_CDC=Ed (dinamico SLD) alfa=0.0 (ecc. -)



22_CDC_012_CDC=Ed (dinamico SLD) alfa=90.00 (ecc. +)



22_CDC_013_CDC=Ed (dinamico SLD) alfa=90.00 (ecc. -)

DEFINIZIONE DELLE COMBINAZIONI

LEGENDA TABELLA COMBINAZIONI DI CARICO

Il programma combina i diversi tipi di casi di carico (CDC) secondo le regole previste dalla normativa vigente. Le combinazioni previste sono destinate al controllo di sicurezza della struttura ed alla verifica degli spostamenti e delle sollecitazioni.

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

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

Combinazione fondamentale SLU

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

Combinazione caratteristica (rara) SLE

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

Combinazione frequente SLE

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

Combinazione quasi permanente SLE

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

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

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

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

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

Dove:

NTC 2018 Tabella 2.5.1

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

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

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

NTC 2018 Tabella 2.6.1

Coefficiente	EQU	A1	A2
γf			

<i>Carichi permanenti</i>	<i>Favorevoli</i>	$\gamma G1$	0,9	1,0	1,0
	<i>Sfavorevoli</i>		1,1	1,3	1,0
<i>Carichi permanenti non strutturali</i> <i>(Non compiutamente definiti)</i>	<i>Favorevoli</i>	$\gamma G2$	0,8	0,8	0,8
	<i>Sfavorevoli</i>		1,5	1,5	1,3
<i>Carichi variabili</i>	<i>Favorevoli</i>	γQi	0,0	0,0	0,0
	<i>Sfavorevoli</i>		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 5	
6	SLU	Comb. SLU A1 6	
7	SLE(r)	Comb. SLE(rara) 7	
8	SLE(r)	Comb. SLE(rara) 8	
9	SLE(r)	Comb. SLE(rara) 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	SLU	Comb. SLU A1 (SLV sism.) 37	
38	SLU	Comb. SLU A1 (SLV sism.) 38	
39	SLU	Comb. SLU A1 (SLV sism.) 39	
40	SLU	Comb. SLU A1 (SLV sism.) 40	
41	SLU	Comb. SLU A1 (SLV 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	
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	

Cmb	Tipo	Sigla Id	effetto P-delta
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 (SLD Danno sism.) 69	
70	SLD(sis)	Comb. SLE (SLD Danno sism.) 70	
71	SLD(sis)	Comb. SLE (SLD Danno sism.) 71	
72	SLD(sis)	Comb. SLE (SLD Danno sism.) 72	
73	SLD(sis)	Comb. SLE (SLD Danno sism.) 73	
74	SLE(f)	Comb. SLE(freq.) 74	
75	SLU(acc.)	Comb. SLU (Accid.) 75	
76	SLE(p)	Comb. SLE(perm.) 76	

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	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	1.00	1.00	0.80	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	1.30	1.30	1.50	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	1.00	1.00	0.80	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	1.30	1.30	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.50
6	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.50
7	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
8	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
9	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	1.00
10	1.00	1.00	1.00	0.0	0.0	-1.00	0.0	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
11	1.00	1.00	1.00	0.0	0.0	-1.00	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0
12	1.00	1.00	1.00	0.0	0.0	1.00	0.0	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
13	1.00	1.00	1.00	0.0	0.0	1.00	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0
14	1.00	1.00	1.00	0.0	0.0	-1.00	0.0	0.0	-0.30	0.0	0.0	0.0	0.0	0.0
15	1.00	1.00	1.00	0.0	0.0	-1.00	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0
16	1.00	1.00	1.00	0.0	0.0	1.00	0.0	0.0	-0.30	0.0	0.0	0.0	0.0	0.0
17	1.00	1.00	1.00	0.0	0.0	1.00	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0
18	1.00	1.00	1.00	0.0	0.0	0.0	-1.00	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
19	1.00	1.00	1.00	0.0	0.0	0.0	-1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0
20	1.00	1.00	1.00	0.0	0.0	0.0	1.00	-0.30	0.0	0.0	0.0	0.0	0.0	0.0
21	1.00	1.00	1.00	0.0	0.0	0.0	1.00	0.30	0.0	0.0	0.0	0.0	0.0	0.0
22	1.00	1.00	1.00	0.0	0.0	0.0	-1.00	0.0	-0.30	0.0	0.0	0.0	0.0	0.0
23	1.00	1.00	1.00	0.0	0.0	0.0	-1.00	0.0	0.30	0.0	0.0	0.0	0.0	0.0
24	1.00	1.00	1.00	0.0	0.0	0.0	1.00	0.0	-0.30	0.0	0.0	0.0	0.0	0.0
25	1.00	1.00	1.00	0.0	0.0	0.0	1.00	0.0	0.30	0.0	0.0	0.0	0.0	0.0
26	1.00	1.00	1.00	0.0	0.0	-0.30	0.0	-1.00	0.0	0.0	0.0	0.0	0.0	0.0
27	1.00	1.00	1.00	0.0	0.0	-0.30	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0
28	1.00	1.00	1.00	0.0	0.0	0.30	0.0	-1.00	0.0	0.0	0.0	0.0	0.0	0.0
29	1.00	1.00	1.00	0.0	0.0	0.30	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0
30	1.00	1.00	1.00	0.0	0.0	0.0	-0.30	-1.00	0.0	0.0	0.0	0.0	0.0	0.0
31	1.00	1.00	1.00	0.0	0.0	0.0	-0.30	1.00	0.0	0.0	0.0	0.0	0.0	0.0
32	1.00	1.00	1.00	0.0	0.0	0.0	0.30	-1.00	0.0	0.0	0.0	0.0	0.0	0.0
33	1.00	1.00	1.00	0.0	0.0	0.0	0.30	1.00	0.0	0.0	0.0	0.0	0.0	0.0
34	1.00	1.00	1.00	0.0	0.0	-0.30	0.0	0.0	-1.00	0.0	0.0	0.0	0.0	0.0
35	1.00	1.00	1.00	0.0	0.0	-0.30	0.0	0.0	1.00	0.0	0.0	0.0	0.0	0.0
36	1.00	1.00	1.00	0.0	0.0	0.30	0.0	0.0	-1.00	0.0	0.0	0.0	0.0	0.0
37	1.00	1.00	1.00	0.0	0.0	0.30	0.0	0.0	1.00	0.0	0.0	0.0	0.0	0.0
38	1.00	1.00	1.00	0.0	0.0	0.0	-0.30	0.0	-1.00	0.0	0.0	0.0	0.0	0.0
39	1.00	1.00	1.00	0.0	0.0	0.0	-0.30	0.0	1.00	0.0	0.0	0.0	0.0	0.0
40	1.00	1.00	1.00	0.0	0.0	0.0	0.30	0.0	-1.00	0.0	0.0	0.0	0.0	0.0
41	1.00	1.00	1.00	0.0	0.0	0.0	0.30	0.0	1.00	0.0	0.0	0.0	0.0	0.0
42	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	-0.30	0.0	0.0
43	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	0.30	0.0	0.0
44	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0	-0.30	0.0	0.0
45	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.30	0.0	0.0
46	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	0.0	-0.30	0.0
47	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	0.0	0.30	0.0
48	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	-0.30	0.0
49	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.30	0.0

AZIONE SISMICA

VALUTAZIONE DELL' AZIONE SISMICA

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

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

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

ag: accelerazione orizzontale massima del terreno;

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

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

Parametri della struttura					
Classe d'uso	Vita V_n [anni]	Coeff. Uso	Periodo V_r [anni]	Tipo di suolo	Categoria topografica
III	50.0	1.5	75.0	C	T1

Per la struttura in esame si sono adottati i parametri di pericolosità sismica da analisi di Risposta Sismica locale; si sono adottati i parametri spettrali riportati nelle seguenti tabelle; i parametri consentono la definizione degli spettri elastici come previsto al cap. 3.2 delle norme tecniche:

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

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

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

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

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

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

S è il coefficiente che tiene conto della categoria di sottosuolo e delle condizioni topografiche mediante la relazione seguente $S = S_s \cdot S_t$ (3.2.3); nel caso di RSL i valori sono unitari

F_o è il fattore che quantifica l'amplificazione spettrale massima, su sito in esame

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

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

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

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

Simbologia adottata nelle tabelle

Se(t)	Accelerazioni dello spettro di input
Tr	Periodo di ritorno
Tmin	Valore minore tra i tre periodi di vibrazione dell'edificio con massa partecipante più elevata
2Tmax	Valore maggiore tra i tre periodi di vibrazione dell'edificio con massa partecipante più elevata moltiplicato per due
Integrale RSL	Integrale dello spettro di risposta sismica locale valutato nell'intervallo compreso tra Tmin e 2Tmax
Integrale NTC*1.2	Integrale dello spettro da normativa amplificato del 20% valutato nell'intervallo compreso tra Tmin e 2Tmax
Rapporto	Rapporto tra Integrale RSL e Integrale NTC*1.2;
Esito confronto RSL vs NTC	<ul style="list-style-type: none"> - Possibile l'uso dello spettro NTC se Rapporto minore di 1 e $RSL < NTC \cdot 1.3$ - Non ammesso l'uso dello spettro NTC se $RSL \geq NTC \cdot 1.3$ e Rapporto maggiore di 1 - Non ammesso l'uso dello spettro NTC (30% superato) se $RSL \geq NTC \cdot 1.3$ - Non ammesso l'uso dello spettro NTC (rapporto integrali) se Rapporto maggiore di 1
Se(t) RSL	Accelerazioni dello spettro di risposta sismica locale
Se(t) NTC*1.3	Accelerazioni dello spettro da normativa amplificate del 30%
Esito confronto RSL vs NTC (0.7 A)	<p>Se lo spettro di risposta sismica locale è minore del 70% dello spettro da normativa non è consentito l'uso dello spettro di risposta sismica locale (7.2.6 NTC 2018):</p> <ul style="list-style-type: none"> - Possibile l'uso dello spettro RSL; - Non ammesso l'uso di RSL (0.7 non superato).
Se(t) NTC*0.7 suolo tipo A	70% delle Accelerazioni dello spettro da normativa valutato per categoria A di sottosuolo tipo A
Confronto NTC	<p>Confronto tra lo spettro di risposta sismica locale e il 70% dello spettro da normativa:</p> <ul style="list-style-type: none"> - $RSL \geq NTC_A \cdot 0.7$; - $RSL < NTC_A \cdot 0.7$

A seguire sono riportati i confronti tra pericolosità sismica RSL e NTC come previsto da NTC (7.2.6)

Id nodo	Longitudine	Latitudine	Distanza
			Km

Id nodo	Longitudine	Latitudine	Distanza
Loc.	12.752	41.835	
28737	12.685	41.832	5.543
28738	12.752	41.833	0.222
28516	12.752	41.883	5.320
28515	12.684	41.882	7.658

SL	Pver	Tr	ag	Fo	T*c
		Anni	g		sec
SLO	91.8	30.0	0.104	1.999	0.167
SLD	91.8	30.0	0.104	1.999	0.167
SLV	91.8	30.0	0.104	1.999	0.167
SLC	91.8	30.0	0.104	1.999	0.167

SL	ag	S	Fo	Fv	Tb	Tc	Td
	g				sec	sec	sec
SLO	0.104	1.000	1.999	0.871	0.056	0.167	2.017
SLD	0.104	1.000	1.999	0.871	0.056	0.167	2.017
SLV	0.104	1.000	1.999	0.871	0.056	0.167	2.017
SLC	0.104	1.000	1.999	0.871	0.056	0.167	2.017

Periodo	Se(t) spettro input
[s]	[g]
0.00	0.309
0.01	0.366
0.02	0.423
0.03	0.480
0.04	0.537
0.05	0.594
0.06	0.651
0.07	0.685
0.08	0.685
0.09	0.685
0.10	0.685
0.11	0.685
0.12	0.685
0.13	0.685
0.14	0.685
0.15	0.685
0.16	0.685
0.17	0.685
0.18	0.685
0.19	0.685
0.20	0.676
0.21	0.644
0.22	0.615
0.23	0.588
0.24	0.564
0.25	0.541
0.26	0.520
0.27	0.501
0.28	0.483
0.29	0.467
0.30	0.451
0.31	0.436
0.32	0.423
0.33	0.410
0.34	0.398
0.35	0.387
0.36	0.376
0.37	0.366
0.38	0.356
0.39	0.347
0.40	0.338
0.41	0.330
0.42	0.322
0.43	0.315
0.44	0.307
0.45	0.301

Periodo	Se(t) spettro input
0.46	0.294
0.47	0.288
0.48	0.282
0.49	0.276
0.50	0.271
0.51	0.265
0.52	0.260
0.53	0.255
0.54	0.251
0.55	0.246
0.56	0.242
0.57	0.237
0.58	0.233
0.60	0.226
0.62	0.218
0.64	0.211
0.66	0.205
0.68	0.199
0.70	0.193
0.72	0.188
0.74	0.183
0.76	0.178
0.78	0.173
0.80	0.169
0.82	0.165
0.84	0.161
0.86	0.157
0.88	0.154
0.90	0.150
0.92	0.147
0.94	0.144
0.96	0.141
0.98	0.138
1.00	0.135
1.05	0.129
1.10	0.123
1.15	0.118
1.20	0.113
1.25	0.108
1.30	0.104
1.35	0.100
1.40	0.097
1.45	0.093
1.50	0.090
1.55	0.087
1.60	0.085
1.65	0.082
1.70	0.080
1.75	0.077
1.80	0.075
1.85	0.073
1.90	0.071
1.95	0.069
2.00	0.068
2.05	0.066
2.10	0.064
2.15	0.063
2.20	0.061
2.25	0.060
2.30	0.059
2.35	0.058
2.40	0.056
2.50	0.054
2.60	0.052
2.70	0.050
2.80	0.048
2.90	0.047
3.00	0.045
3.10	0.044
3.20	0.042
3.30	0.041
3.40	0.040
3.50	0.039
3.60	0.038

Periodo	Se(t) spettro input
3.70	0.037
3.80	0.036
3.90	0.035
4.00	0.034

Periodo di ritorno <Tr>	Accelerazione max <ag>	Amplificazione <Fo>	Inizio v=costante <T*c>
	[g]		[s]
30	0.104	1.999	0.167
50	0.137	1.949	0.174
72	0.159	1.980	0.174
101	0.181	2.020	0.174
140	0.204	2.045	0.174
201	0.231	2.086	0.174
475	0.309	2.087	0.180
975	0.391	2.046	0.186
2475	0.496	2.046	0.193

Confronto spettri RSL vs NTC	
Tmin	0.100
2Tmax	0.700
Integrale RSL	0.209
Integrale NTC*1.2	0.406
Rapporto	0.515
Esito confronto	Non ammesso l'uso dello spettro NTC (30% superato)

Confronto spettro RSL vs NTC (0.7 A)	
Esito confronto	Possibile l'uso dello spettro RSL

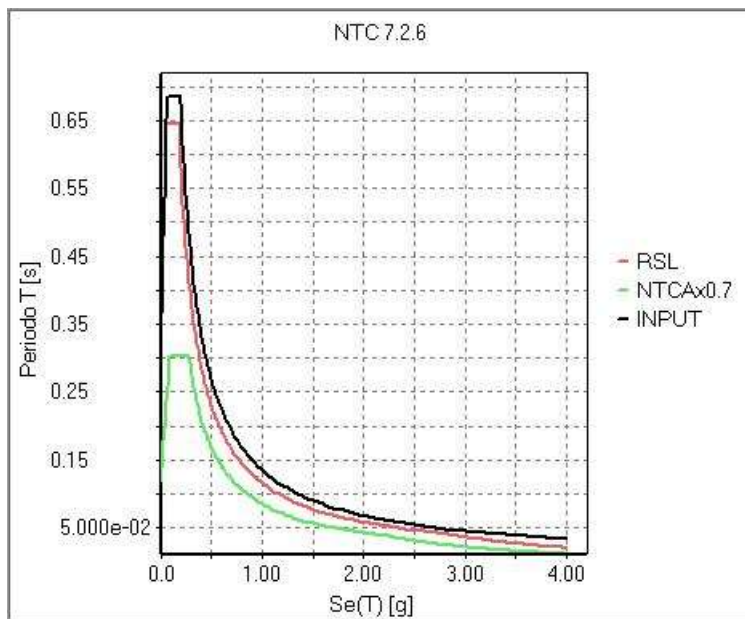


Fig. 2

Periodo [s]	Se(t) RSL [g]	Se(t) NTC*0.7 suolo tipo A [g]	Confronto NTC
0.000	0.309	0.119	RSL >= NTC_A*0.7
0.010	0.365	0.138	RSL >= NTC_A*0.7
0.020	0.421	0.158	RSL >= NTC_A*0.7
0.030	0.477	0.178	RSL >= NTC_A*0.7
0.040	0.533	0.198	RSL >= NTC_A*0.7
0.050	0.589	0.218	RSL >= NTC_A*0.7
0.060	0.645	0.237	RSL >= NTC_A*0.7
0.070	0.645	0.257	RSL >= NTC_A*0.7
0.080	0.645	0.277	RSL >= NTC_A*0.7
0.090	0.645	0.297	RSL >= NTC_A*0.7

Periodo	Se(t) RSL	Se(t) NTC*0.7 suolo tipo A	Confronto NTC
0.093	0.645	0.303	RSL >= NTC_A*0.7
0.100	0.645	0.303	RSL >= NTC_A*0.7
0.110	0.645	0.303	RSL >= NTC_A*0.7
0.120	0.645	0.303	RSL >= NTC_A*0.7
0.130	0.645	0.303	RSL >= NTC_A*0.7
0.140	0.645	0.303	RSL >= NTC_A*0.7
0.150	0.645	0.303	RSL >= NTC_A*0.7
0.160	0.645	0.303	RSL >= NTC_A*0.7
0.170	0.645	0.303	RSL >= NTC_A*0.7
0.171	0.645	0.303	RSL >= NTC_A*0.7
0.180	0.645	0.303	RSL >= NTC_A*0.7
0.190	0.611	0.303	RSL >= NTC_A*0.7
0.200	0.580	0.303	RSL >= NTC_A*0.7
0.210	0.553	0.303	RSL >= NTC_A*0.7
0.220	0.528	0.303	RSL >= NTC_A*0.7
0.230	0.505	0.303	RSL >= NTC_A*0.7
0.240	0.484	0.303	RSL >= NTC_A*0.7
0.250	0.464	0.303	RSL >= NTC_A*0.7
0.260	0.446	0.303	RSL >= NTC_A*0.7
0.270	0.430	0.303	RSL >= NTC_A*0.7
0.280	0.415	0.303	RSL >= NTC_A*0.7
0.282	0.412	0.301	RSL >= NTC_A*0.7
0.290	0.400	0.293	RSL >= NTC_A*0.7
0.300	0.387	0.283	RSL >= NTC_A*0.7
0.310	0.374	0.274	RSL >= NTC_A*0.7
0.320	0.363	0.265	RSL >= NTC_A*0.7
0.330	0.352	0.257	RSL >= NTC_A*0.7
0.340	0.341	0.250	RSL >= NTC_A*0.7
0.350	0.332	0.243	RSL >= NTC_A*0.7
0.360	0.322	0.236	RSL >= NTC_A*0.7
0.370	0.314	0.230	RSL >= NTC_A*0.7
0.380	0.305	0.224	RSL >= NTC_A*0.7
0.390	0.298	0.218	RSL >= NTC_A*0.7
0.393	0.295	0.216	RSL >= NTC_A*0.7
0.400	0.290	0.212	RSL >= NTC_A*0.7
0.410	0.283	0.207	RSL >= NTC_A*0.7
0.420	0.276	0.202	RSL >= NTC_A*0.7
0.430	0.270	0.198	RSL >= NTC_A*0.7
0.440	0.264	0.193	RSL >= NTC_A*0.7
0.450	0.258	0.189	RSL >= NTC_A*0.7
0.460	0.252	0.185	RSL >= NTC_A*0.7
0.470	0.247	0.181	RSL >= NTC_A*0.7
0.480	0.242	0.177	RSL >= NTC_A*0.7
0.490	0.237	0.173	RSL >= NTC_A*0.7
0.500	0.232	0.170	RSL >= NTC_A*0.7
0.504	0.230	0.168	RSL >= NTC_A*0.7
0.510	0.228	0.167	RSL >= NTC_A*0.7
0.520	0.223	0.163	RSL >= NTC_A*0.7
0.530	0.219	0.160	RSL >= NTC_A*0.7
0.540	0.215	0.157	RSL >= NTC_A*0.7
0.550	0.211	0.154	RSL >= NTC_A*0.7
0.560	0.207	0.152	RSL >= NTC_A*0.7
0.570	0.204	0.149	RSL >= NTC_A*0.7
0.580	0.200	0.146	RSL >= NTC_A*0.7
0.600	0.193	0.142	RSL >= NTC_A*0.7
0.615	0.189	0.138	RSL >= NTC_A*0.7
0.620	0.187	0.137	RSL >= NTC_A*0.7
0.640	0.181	0.133	RSL >= NTC_A*0.7
0.660	0.176	0.129	RSL >= NTC_A*0.7
0.680	0.171	0.125	RSL >= NTC_A*0.7
0.700	0.166	0.121	RSL >= NTC_A*0.7
0.720	0.161	0.118	RSL >= NTC_A*0.7
0.726	0.160	0.117	RSL >= NTC_A*0.7
0.740	0.157	0.115	RSL >= NTC_A*0.7
0.760	0.153	0.112	RSL >= NTC_A*0.7
0.780	0.149	0.109	RSL >= NTC_A*0.7
0.800	0.145	0.106	RSL >= NTC_A*0.7
0.820	0.142	0.104	RSL >= NTC_A*0.7
0.837	0.139	0.101	RSL >= NTC_A*0.7
0.840	0.138	0.101	RSL >= NTC_A*0.7
0.860	0.135	0.099	RSL >= NTC_A*0.7
0.880	0.132	0.097	RSL >= NTC_A*0.7
0.900	0.129	0.094	RSL >= NTC_A*0.7
0.920	0.126	0.092	RSL >= NTC_A*0.7

Periodo	Se(t) RSL	Se(t) NTC*0.7 suolo tipo A	Confronto NTC
0.940	0.123	0.090	RSL >= NTC_A*0.7
0.948	0.122	0.090	RSL >= NTC_A*0.7
0.960	0.121	0.088	RSL >= NTC_A*0.7
0.980	0.118	0.087	RSL >= NTC_A*0.7
1.000	0.116	0.085	RSL >= NTC_A*0.7
1.050	0.111	0.081	RSL >= NTC_A*0.7
1.059	0.110	0.080	RSL >= NTC_A*0.7
1.100	0.106	0.077	RSL >= NTC_A*0.7
1.150	0.101	0.074	RSL >= NTC_A*0.7
1.170	0.099	0.073	RSL >= NTC_A*0.7
1.200	0.097	0.071	RSL >= NTC_A*0.7
1.250	0.093	0.068	RSL >= NTC_A*0.7
1.281	0.091	0.066	RSL >= NTC_A*0.7
1.300	0.089	0.065	RSL >= NTC_A*0.7
1.350	0.086	0.063	RSL >= NTC_A*0.7
1.392	0.083	0.061	RSL >= NTC_A*0.7
1.400	0.083	0.061	RSL >= NTC_A*0.7
1.450	0.080	0.059	RSL >= NTC_A*0.7
1.500	0.077	0.057	RSL >= NTC_A*0.7
1.504	0.077	0.056	RSL >= NTC_A*0.7
1.550	0.075	0.055	RSL >= NTC_A*0.7
1.600	0.073	0.053	RSL >= NTC_A*0.7
1.615	0.072	0.053	RSL >= NTC_A*0.7
1.650	0.070	0.051	RSL >= NTC_A*0.7
1.700	0.068	0.050	RSL >= NTC_A*0.7
1.726	0.067	0.049	RSL >= NTC_A*0.7
1.750	0.066	0.049	RSL >= NTC_A*0.7
1.800	0.064	0.047	RSL >= NTC_A*0.7
1.837	0.063	0.046	RSL >= NTC_A*0.7
1.850	0.063	0.046	RSL >= NTC_A*0.7
1.900	0.061	0.045	RSL >= NTC_A*0.7
1.948	0.060	0.044	RSL >= NTC_A*0.7
1.950	0.060	0.044	RSL >= NTC_A*0.7
2.000	0.058	0.042	RSL >= NTC_A*0.7
2.050	0.057	0.041	RSL >= NTC_A*0.7
2.059	0.056	0.041	RSL >= NTC_A*0.7
2.100	0.055	0.040	RSL >= NTC_A*0.7
2.150	0.054	0.040	RSL >= NTC_A*0.7
2.170	0.053	0.039	RSL >= NTC_A*0.7
2.200	0.053	0.039	RSL >= NTC_A*0.7
2.250	0.052	0.038	RSL >= NTC_A*0.7
2.277	0.051	0.037	RSL >= NTC_A*0.7
2.281	0.051	0.037	RSL >= NTC_A*0.7
2.300	0.050	0.037	RSL >= NTC_A*0.7
2.350	0.049	0.035	RSL >= NTC_A*0.7
2.392	0.049	0.034	RSL >= NTC_A*0.7
2.400	0.048	0.034	RSL >= NTC_A*0.7
2.500	0.046	0.031	RSL >= NTC_A*0.7
2.503	0.046	0.031	RSL >= NTC_A*0.7
2.600	0.045	0.029	RSL >= NTC_A*0.7
2.614	0.044	0.028	RSL >= NTC_A*0.7
2.700	0.043	0.027	RSL >= NTC_A*0.7
2.725	0.043	0.026	RSL >= NTC_A*0.7
2.800	0.041	0.025	RSL >= NTC_A*0.7
2.836	0.041	0.024	RSL >= NTC_A*0.7
2.883	0.040	0.023	RSL >= NTC_A*0.7
2.900	0.039	0.023	RSL >= NTC_A*0.7
2.929	0.038	0.023	RSL >= NTC_A*0.7
2.976	0.037	0.022	RSL >= NTC_A*0.7
3.000	0.037	0.021	RSL >= NTC_A*0.7
3.022	0.036	0.021	RSL >= NTC_A*0.7
3.069	0.035	0.021	RSL >= NTC_A*0.7
3.100	0.034	0.020	RSL >= NTC_A*0.7
3.115	0.034	0.020	RSL >= NTC_A*0.7
3.162	0.033	0.019	RSL >= NTC_A*0.7
3.200	0.032	0.019	RSL >= NTC_A*0.7
3.208	0.032	0.019	RSL >= NTC_A*0.7
3.255	0.031	0.018	RSL >= NTC_A*0.7
3.300	0.030	0.018	RSL >= NTC_A*0.7
3.302	0.030	0.018	RSL >= NTC_A*0.7
3.348	0.029	0.017	RSL >= NTC_A*0.7
3.395	0.029	0.017	RSL >= NTC_A*0.7
3.400	0.028	0.017	RSL >= NTC_A*0.7
3.441	0.028	0.016	RSL >= NTC_A*0.7

Periodo	Se(t) RSL	Se(t) NTC*0.7 suolo tipo A	Confronto NTC
3.488	0.027	0.016	RSL >= NTC_A*0.7
3.500	0.027	0.016	RSL >= NTC_A*0.7
3.534	0.026	0.015	RSL >= NTC_A*0.7
3.581	0.026	0.015	RSL >= NTC_A*0.7
3.600	0.025	0.015	RSL >= NTC_A*0.7
3.628	0.025	0.015	RSL >= NTC_A*0.7
3.674	0.024	0.014	RSL >= NTC_A*0.7
3.700	0.024	0.014	RSL >= NTC_A*0.7
3.721	0.024	0.014	RSL >= NTC_A*0.7
3.767	0.023	0.014	RSL >= NTC_A*0.7
3.800	0.023	0.013	RSL >= NTC_A*0.7
3.814	0.023	0.013	RSL >= NTC_A*0.7
3.860	0.022	0.013	RSL >= NTC_A*0.7
3.900	0.022	0.013	RSL >= NTC_A*0.7
3.907	0.022	0.013	RSL >= NTC_A*0.7
3.953	0.021	0.012	RSL >= NTC_A*0.7
4.000	0.021	0.012	RSL >= NTC_A*0.7

Periodo di ritorno <Tr>	Esito confronto
30	Possibile l'uso dello spettro RSL
50	Possibile l'uso dello spettro RSL
72	Possibile l'uso dello spettro RSL
101	Possibile l'uso dello spettro RSL
140	Possibile l'uso dello spettro RSL
201	Possibile l'uso dello spettro RSL
475	Possibile l'uso dello spettro RSL
975	Possibile l'uso dello spettro RSL
2475	Possibile l'uso dello spettro RSL

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	di	Angolo di ingresso dell'azione sismica orizzontale
Fattore di importanza	di	Fattore di importanza dell'edificio, in base alla categoria di appartenenza
Zona sismica		Zona sismica
Accelerazione ag		Accelerazione orizzontale massima sul suolo
Categoria suolo		Categoria di profilo stratigrafico del suolo di fondazione
Fattore q		Fattore di struttura/di comportamento. Dipendente dalla tipologia strutturale
Amplificazione ND		Coefficiente di amplificazione q/q_{ND} delle azioni sismiche (solo per elementi progettati in campo non dissipativo)
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 di riduzione SLD	riduz.	Fattore di riduzione dello spettro elastico per lo stato limite di danno
Periodo proprio T1	proprio	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)	spettro	Valore delle ordinate dello spettro di progetto per lo stato limite ultimo, componente orizzontale (verticale Svd)
Ordinata spettro Se(T1)	spettro	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)	spettro	Valore dell'ordinata dello spettro in uso nel tratto costante
numero di modi considerati	di	Numero di modi di vibrare della struttura considerati nell'analisi dinamica

Nel caso di elementi progettati in campo non dissipativo vengono adottate le sollecitazioni calcolate con un fattore q_{ND} ricavato come da 7.3.2 in funzione del fattore di comportamento q utilizzato per la struttura: $1 < q_{ND} = 2/3 * q < 1.5$

Il coefficiente di amplificazione delle azioni sismiche rispetto alle azioni calcolate con il fattore di comportamento globale viene indicato nelle relative tabelle.

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

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

Per ciascuna combinazione sismica definita SLD o SLO viene riportato il livello di deformazione ϵ_T (dr) degli elementi strutturali verticali. Per semplicità di consultazione il livello è espresso anche in unità $1000 \cdot \epsilon_T/h$ 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 la circolare n.7/2019 del C.S.LL.PP nelle combinazioni in SLC come previsto dal DM 17-01-2018. Per ogni combinazione è riportato il codice di verifica ed i valori utilizzati per la verifica: spostamento dE , area ridotta e dimensione A_2 , azione verticale, deformazioni di taglio dell'elastomero e tensioni nell'acciaio.

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

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

Nodo	Nodo di appoggio dell' isolatore
Cmb	Combinazione oggetto della verifica
Verif.	Codice di verifica ok – verifica positiva , NV – verifica negativa, ND – verifica non completata
dE	Spostamento relativo tra le due facce (amplificato del 20% per Ordinanza 3274 e smi) combinato con la regola del 30%
Ang fi	Angolo utilizzato per il calcolo dell' area ridotta A_r (per dispositivi circolari)
V	Azione verticale agente
A_r	Area ridotta efficace
Dim A_2	Dimensione utile per il calcolo della deformazione per rotazione
Sig s	Tensione nell' inserto in acciaio
$\Gamma_{c(a,s,t)}$	Deformazioni di taglio dell' elastomero
V_{cr}	Carico critico per instabilità

Affinché la verifica sia positiva deve essere:

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

CDC	Tipo	Sigla Id	Note
6	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. +)	
			verifica esistenti: fattore FC 1.350
			categoria suolo: C
			fattore di sito S = 1.000
			ordinata spettro (tratto Tb-Tc) = 0.208 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.333 sec.
			fattore q: 1.000
			fattore q (fragili): 1.500
			fattore per spost. mu d: 1.000
			classe di duttilità CD: B
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
m	kN	m	m	m	m	m	m			
8.10	98.25	6.94	10.53	0.0	-1.02	0.0	0.0	0.0	0.0	0.0
7.98	198.53	6.94	10.53	0.0	-1.02	0.0	0.0	0.0	0.0	0.0
7.65	204.27	6.94	10.53	0.0	-1.02	0.0	0.0	0.0	0.0	0.0
7.13	227.37	6.94	10.53	0.0	-1.02	0.0	0.0	0.0	0.0	0.0
6.63	62.71	25.38	25.61	0.0	-0.12	25.76	25.61	3.000	0.194	0.0
6.00	816.19	6.83	10.04	0.0	-1.02	6.94	10.53	1.320	0.008	0.063
5.02	68.78	20.33	25.65	0.0	-0.12	20.27	25.61	3.000	0.035	0.024
3.60	974.95	13.02	21.86	0.0	-0.56	14.12	20.36	0.795	0.168	0.302
3.03	72.27	25.56	25.61	0.0	-0.12	25.76	25.61	3.000	0.102	0.0
2.23	18.54	22.87	25.61	0.0	-0.12	0.0	0.0	0.0	0.0	0.0
1.43	67.38	20.26	25.64	0.0	-0.12	20.27	25.61	3.000	0.002	0.016
1.03	12.22	24.65	25.61	0.0	-0.12	21.54	25.61	0.439	2.590	2.3745e-06
0.71	17.91	17.71	25.56	0.0	-0.12	0.0	0.0	0.0	0.0	0.0
Risulta	2839.38									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X %	M efficace Y %	M efficace Z %	Energia	Energia x v			
	Hz	sec	g	x g	x g	x g					
				kN	kN	kN					
1	2.170	0.461	0.075	1.10	3.86e-02	1124.77	39.6	2.49e-03	8.77e-05	0.0	0.0
2	3.001	0.333	0.104	1363.15	48.0	0.32	1.13e-02	0.20	7.15e-03	0.0	0.0
3	4.005	0.250	0.139	309.77	10.9	4.42	0.2	3.47	0.1	0.0	0.0
4	4.206	0.238	0.146	191.93	6.8	294.45	10.4	2.46e-03	8.67e-05	0.0	0.0
5	4.568	0.219	0.159	2.12	7.46e-02	1073.40	37.8	1.61	5.66e-02	0.0	0.0
6	5.116	0.195	0.178	288.63	10.2	107.58	3.8	7.61	0.3	0.0	0.0
7	5.373	0.186	0.187	323.00	11.4	5.95	0.2	6.10	0.2	0.0	0.0
8	5.894	0.170	0.205	7.77	0.3	5.80	0.2	597.88	21.1	0.0	0.0
9	6.628	0.151	0.208	11.06	0.4	11.93	0.4	1.93	6.79e-02	0.0	0.0
Risulta				2498.53		2628.62		618.81			
In percentuale				88.00		92.58		21.79			

CDC	Tipo	Sigla Id	Note
7	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. -)	
			verifica esistenti: fattore FC 1.350
			categoria suolo: C
			fattore di sito S = 1.000
			ordinata spettro (tratto Tb-Tc) = 0.208 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.305 sec.
			fattore q: 1.000
			fattore q (fragili): 1.500
			fattore per spost. mu d: 1.000
			classe di duttilità CD: B
			numero di modi considerati: 9
			combinaz. modale: CQC

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	kN	kN	kN					
1	2.176	0.460	0.076	1.43	5.03e-02	1112.74	39.2	3.85e-03	1.35e-04	0.0	0.0
2	3.154	0.317	0.110	1479.86	52.1	0.48	1.69e-02	0.45	1.59e-02	0.0	0.0
3	4.012	0.249	0.140	236.21	8.3	78.17	2.8	3.88	0.1	0.0	0.0
4	4.142	0.241	0.144	250.76	8.8	505.04	17.8	5.48e-03	1.93e-04	0.0	0.0
5	4.651	0.215	0.162	3.73	0.1	713.05	25.1	0.73	2.57e-02	0.0	0.0
6	5.028	0.199	0.175	290.45	10.2	203.45	7.2	4.24	0.1	0.0	0.0
7	5.406	0.185	0.188	228.10	8.0	0.04	1.25e-03	15.58	0.5	0.0	0.0
8	5.908	0.169	0.206	4.42	0.2	6.12	0.2	597.63	21.0	0.0	0.0
9	6.668	0.150	0.208	15.35	0.5	7.55	0.3	1.00	3.53e-02	0.0	0.0
Risulta				2510.32		2626.65		623.52			
In percentuale				88.41		92.51		21.96			

CDC	Tipo	Sigla Id	Note
9	Edk	CDC=Ed (dinamico SLU) alfa=90.00 (ecc. -)	
			verifica esistenti: fattore FC 1.350
			categoria suolo: C
			fattore di sito S = 1.000
			ordinata spettro (tratto Tb-Tc) = 0.208 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.219 sec.
			fattore q: 1.000
			fattore q (fragili): 1.500
			fattore per spost. mu d: 1.000
			classe di duttilità CD: B
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
m	kN	m	m	m	m	m	m			
8.10	98.25	6.94	10.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.98	198.53	6.94	10.53	-0.14	0.0	0.0	0.0	0.0	0.0	0.0
7.65	204.27	6.94	10.53	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
7.13	227.37	6.94	10.53	-0.43	0.0	0.0	0.0	0.0	0.0	0.0
6.63	62.71	25.38	25.61	-0.16	0.0	25.76	25.61	3.000	0.194	0.0
6.00	816.19	6.83	10.04	-0.57	0.0	6.94	10.53	1.320	0.008	0.063
5.02	68.78	20.33	25.65	-0.13	0.0	20.27	25.61	3.000	0.035	0.024
3.60	974.95	13.02	21.86	-0.89	0.0	14.12	20.36	0.795	0.168	0.302
3.03	72.27	25.56	25.61	-0.16	0.0	25.76	25.61	3.000	0.102	0.0
2.23	18.54	22.87	25.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.43	67.38	20.26	25.64	-0.13	0.0	20.27	25.61	3.000	0.002	0.016
1.03	12.22	24.65	25.61	-0.29	0.0	21.54	25.61	0.439	2.590	2.3745e-06
0.71	17.91	17.71	25.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Risulta	2839.38									

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	kN	kN	kN					
1	2.160	0.463	0.075	1.07	3.78e-02	1141.76	40.2	1.10e-03	3.87e-05	0.0	0.0
2	3.154	0.317	0.110	1480.20	52.1	0.67	2.35e-02	0.45	1.58e-02	0.0	0.0
3	3.973	0.252	0.138	241.34	8.5	10.85	0.4	2.88	0.1	0.0	0.0
4	4.223	0.237	0.147	254.28	9.0	72.47	2.6	0.05	1.69e-03	0.0	0.0
5	4.564	0.219	0.159	5.96	0.2	1304.04	45.9	3.50	0.1	0.0	0.0
6	5.013	0.199	0.174	298.48	10.5	75.96	2.7	2.96	0.1	0.0	0.0
7	5.435	0.184	0.189	208.63	7.3	4.99	0.2	15.66	0.6	0.0	0.0
8	5.906	0.169	0.205	4.09	0.1	4.26	0.2	595.42	21.0	0.0	0.0
9	6.599	0.152	0.208	3.61	0.1	17.74	0.6	0.20	7.08e-03	0.0	0.0
Risulta				2497.67		2632.75		621.11			
In percentuale				87.97		92.72		21.87			

CDC	Tipo	Sigla Id	Note
10	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. +)	
			verifica esistenti: fattore FC 1.350
			categoria suolo: C
			fattore di sito S = 1.000
			ordinata spettro (tratto Tb-Tc) = 0.208 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.333 sec.
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
m	kN	m	m	m	m	m	m			
8.10	98.25	6.94	10.53	0.0	-1.02	0.0	0.0	0.0	0.0	0.0
7.98	198.53	6.94	10.53	0.0	-1.02	0.0	0.0	0.0	0.0	0.0
7.65	204.27	6.94	10.53	0.0	-1.02	0.0	0.0	0.0	0.0	0.0
7.13	227.37	6.94	10.53	0.0	-1.02	0.0	0.0	0.0	0.0	0.0
6.63	62.71	25.38	25.61	0.0	-0.12	25.76	25.61	3.000	0.194	0.0
6.00	816.19	6.83	10.04	0.0	-1.02	6.94	10.53	1.320	0.008	0.063
5.02	68.78	20.33	25.65	0.0	-0.12	20.27	25.61	3.000	0.035	0.024
3.60	974.95	13.02	21.86	0.0	-0.56	14.12	20.36	0.795	0.168	0.302
3.03	72.27	25.56	25.61	0.0	-0.12	25.76	25.61	3.000	0.102	0.0
2.23	18.54	22.87	25.61	0.0	-0.12	0.0	0.0	0.0	0.0	0.0
1.43	67.38	20.26	25.64	0.0	-0.12	20.27	25.61	3.000	0.002	0.016
1.03	12.22	24.65	25.61	0.0	-0.12	21.54	25.61	0.439	2.590	2.3745e-06
0.71	17.91	17.71	25.56	0.0	-0.12	0.0	0.0	0.0	0.0	0.0
Risulta	2839.38									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X %	M efficace Y %	M efficace Z %	Energia	Energia x v			
	Hz	sec	g	x g	x g	x g					
				kN	kN	kN					
1	2.170	0.461	0.075	1.10	3.86e-02	1124.77	39.6	2.49e-03	8.77e-05	0.0	0.0
2	3.001	0.333	0.104	1363.15	48.0	0.32	1.13e-02	0.20	7.15e-03	0.0	0.0
3	4.005	0.250	0.139	309.77	10.9	4.42	0.2	3.47	0.1	0.0	0.0
4	4.206	0.238	0.146	191.93	6.8	294.45	10.4	2.46e-03	8.67e-05	0.0	0.0
5	4.568	0.219	0.159	2.12	7.46e-02	1073.40	37.8	1.61	5.66e-02	0.0	0.0
6	5.116	0.195	0.178	288.63	10.2	107.58	3.8	7.61	0.3	0.0	0.0
7	5.373	0.186	0.187	323.00	11.4	5.95	0.2	6.10	0.2	0.0	0.0
8	5.894	0.170	0.205	7.77	0.3	5.80	0.2	597.88	21.1	0.0	0.0
9	6.628	0.151	0.208	11.06	0.4	11.93	0.4	1.93	6.79e-02	0.0	0.0
Risulta				2498.53		2628.62		618.81			
In percentuale				88.00		92.58		21.79			

CDC	Tipo	Sigla Id	Note
11	Edk	CDC=Ed (dinamico SLD) alfa=0.0 (ecc. -)	
			verifica esistenti: fattore FC 1.350
			categoria suolo: C
			fattore di sito S = 1.000
			ordinata spettro (tratto Tb-Tc) = 0.208 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.305 sec.
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
m	kN	m	m	m	m	m	m			
8.10	98.25	6.94	10.53	0.0	1.02	0.0	0.0	0.0	0.0	0.0
7.98	198.53	6.94	10.53	0.0	1.02	0.0	0.0	0.0	0.0	0.0
7.65	204.27	6.94	10.53	0.0	1.02	0.0	0.0	0.0	0.0	0.0
7.13	227.37	6.94	10.53	0.0	1.02	0.0	0.0	0.0	0.0	0.0
6.63	62.71	25.38	25.61	0.0	0.12	25.76	25.61	3.000	0.194	0.0
6.00	816.19	6.83	10.04	0.0	1.02	6.94	10.53	1.320	0.008	0.063
5.02	68.78	20.33	25.65	0.0	0.12	20.27	25.61	3.000	0.035	0.024
3.60	974.95	13.02	21.86	0.0	0.56	14.12	20.36	0.795	0.168	0.302

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
3.03	72.27	25.56	25.61	0.0	0.12	25.76	25.61	3.000	0.102	0.0
2.23	18.54	22.87	25.61	0.0	0.12	0.0	0.0	0.0	0.0	0.0
1.43	67.38	20.26	25.64	0.0	0.12	20.27	25.61	3.000	0.002	0.016
1.03	12.22	24.65	25.61	0.0	0.12	21.54	25.61	0.439	2.590	2.3745e-06
0.71	17.91	17.71	25.56	0.0	0.12	0.0	0.0	0.0	0.0	0.0
Risulta	2839.38									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X %	M efficace Y %	M efficace Z %	Energia	Energia x v			
	Hz	sec	g	x g	x g	x g					
1	2.170	0.461	0.075	1.42	4.99e-02	1124.51	39.6	2.02e-03	7.11e-05	0.0	0.0
2	3.279	0.305	0.114	1682.34	59.3	1.11	3.91e-02	0.98	3.45e-02	0.0	0.0
3	4.018	0.249	0.140	136.17	4.8	8.39	0.3	2.99	0.1	0.0	0.0
4	4.178	0.239	0.145	240.51	8.5	303.35	10.7	4.28e-03	1.51e-04	0.0	0.0
5	4.600	0.217	0.160	26.51	0.9	1060.99	37.4	2.25	7.91e-02	0.0	0.0
6	4.958	0.202	0.172	223.08	7.9	112.87	4.0	1.70	5.97e-02	0.0	0.0
7	5.512	0.181	0.192	195.10	6.9	0.68	2.41e-02	38.53	1.4	0.0	0.0
8	5.928	0.169	0.206	0.42	1.47e-02	4.47	0.2	578.53	20.4	0.0	0.0
9	6.640	0.151	0.208	3.59	0.1	13.32	0.5	0.02	5.73e-04	0.0	0.0
Risulta				2509.14		2629.70		625.00			
In percentuale				88.37		92.62		22.01			

CDC	Tipo	Sigla Id	Note
12	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. +)	
			verifica esistenti: fattore FC 1.350
			categoria suolo: C
			fattore di sito S = 1.000
			ordinata spettro (tratto Tb-Tc) = 0.208 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: positiva
			periodo proprio T1: 0.460 sec.
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
m	kN	m	m	m	m	m	m			
8.10	98.25	6.94	10.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.98	198.53	6.94	10.53	0.14	0.0	0.0	0.0	0.0	0.0	0.0
7.65	204.27	6.94	10.53	0.29	0.0	0.0	0.0	0.0	0.0	0.0
7.13	227.37	6.94	10.53	0.43	0.0	0.0	0.0	0.0	0.0	0.0
6.63	62.71	25.38	25.61	0.16	0.0	25.76	25.61	3.000	0.194	0.0
6.00	816.19	6.83	10.04	0.57	0.0	6.94	10.53	1.320	0.008	0.063
5.02	68.78	20.33	25.65	0.13	0.0	20.27	25.61	3.000	0.035	0.024
3.60	974.95	13.02	21.86	0.89	0.0	14.12	20.36	0.795	0.168	0.302
3.03	72.27	25.56	25.61	0.16	0.0	25.76	25.61	3.000	0.102	0.0
2.23	18.54	22.87	25.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.43	67.38	20.26	25.64	0.13	0.0	20.27	25.61	3.000	0.002	0.016
1.03	12.22	24.65	25.61	0.29	0.0	21.54	25.61	0.439	2.590	2.3745e-06
0.71	17.91	17.71	25.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Risulta	2839.38									

Modo	Frequenza	Periodo	Acc. Spettrale	M efficace X %	M efficace Y %	M efficace Z %	Energia	Energia x v			
	Hz	sec	g	x g	x g	x g					
1	2.176	0.460	0.076	1.43	5.03e-02	1112.74	39.2	3.85e-03	1.35e-04	0.0	0.0
2	3.154	0.317	0.110	1479.86	52.1	0.48	1.69e-02	0.45	1.59e-02	0.0	0.0
3	4.012	0.249	0.140	236.21	8.3	78.17	2.8	3.88	0.1	0.0	0.0
4	4.142	0.241	0.144	250.76	8.8	505.04	17.8	5.48e-03	1.93e-04	0.0	0.0
5	4.651	0.215	0.162	3.73	0.1	713.05	25.1	0.73	2.57e-02	0.0	0.0
6	5.028	0.199	0.175	290.45	10.2	203.45	7.2	4.24	0.1	0.0	0.0
7	5.406	0.185	0.188	228.10	8.0	0.04	1.25e-03	15.58	0.5	0.0	0.0
8	5.908	0.169	0.206	4.42	0.2	6.12	0.2	597.63	21.0	0.0	0.0
9	6.668	0.150	0.208	15.35	0.5	7.55	0.3	1.00	3.53e-02	0.0	0.0
Risulta				2510.32		2626.65		623.52			
In				88.41		92.51		21.96			

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
13	Edk	CDC=Ed (dinamico SLD) alfa=90.00 (ecc. -)	
			verifica esistenti: fattore FC 1.350
			categoria suolo: C
			fattore di sito S = 1.000
			ordinata spettro (tratto Tb-Tc) = 0.208 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: negativa
			periodo proprio T1: 0.219 sec.
			numero di modi considerati: 9
			combinaz. modale: CQC

Quota	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
m	kN	m	m	m	m	m	m			
8.10	98.25	6.94	10.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.98	198.53	6.94	10.53	-0.14	0.0	0.0	0.0	0.0	0.0	0.0
7.65	204.27	6.94	10.53	-0.29	0.0	0.0	0.0	0.0	0.0	0.0
7.13	227.37	6.94	10.53	-0.43	0.0	0.0	0.0	0.0	0.0	0.0
6.63	62.71	25.38	25.61	-0.16	0.0	25.76	25.61	3.000	0.194	0.0
6.00	816.19	6.83	10.04	-0.57	0.0	6.94	10.53	1.320	0.008	0.063
5.02	68.78	20.33	25.65	-0.13	0.0	20.27	25.61	3.000	0.035	0.024
3.60	974.95	13.02	21.86	-0.89	0.0	14.12	20.36	0.795	0.168	0.302
3.03	72.27	25.56	25.61	-0.16	0.0	25.76	25.61	3.000	0.102	0.0
2.23	18.54	22.87	25.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.43	67.38	20.26	25.64	-0.13	0.0	20.27	25.61	3.000	0.002	0.016
1.03	12.22	24.65	25.61	-0.29	0.0	21.54	25.61	0.439	2.590	2.3745e-06
0.71	17.91	17.71	25.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Risulta	2839.38									

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	kN	kN	kN					
1	2.160	0.463	0.075	1.07	3.78e-02	1141.76	40.2	1.10e-03	3.87e-05	0.0	0.0
2	3.154	0.317	0.110	1480.20	52.1	0.67	2.35e-02	0.45	1.58e-02	0.0	0.0
3	3.973	0.252	0.138	241.34	8.5	10.85	0.4	2.88	0.1	0.0	0.0
4	4.223	0.237	0.147	254.28	9.0	72.47	2.6	0.05	1.69e-03	0.0	0.0
5	4.564	0.219	0.159	5.96	0.2	1304.04	45.9	3.50	0.1	0.0	0.0
6	5.013	0.199	0.174	298.48	10.5	75.96	2.7	2.96	0.1	0.0	0.0
7	5.435	0.184	0.189	208.63	7.3	4.99	0.2	15.66	0.6	0.0	0.0
8	5.906	0.169	0.205	4.09	0.1	4.26	0.2	595.42	21.0	0.0	0.0
9	6.599	0.152	0.208	3.61	0.1	17.74	0.6	0.20	7.08e-03	0.0	0.0
Risulta				2497.67		2632.75		621.11			
In percentuale				87.97		92.72		21.87			

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			
42	1	0.19	0.11	600.0	2	0.11	0.07	600.0	8	0.52	0.31	600.0
	9	0.25	0.09	360.0	10	0.81	0.49	600.0	13	0.54	0.32	600.0
	15	0.07	0.02	360.0	17	0.12	0.04	360.0	18	0.13	0.05	360.0
	20	0.08	0.03	360.0	21	0.07	0.02	360.0	22	0.12	4.96e-03	40.0
	23	0.05	0.02	360.0	27	0.16	0.06	360.0	30	0.15	0.05	360.0
	32	0.11	0.04	360.0	36	0.11	0.03	240.0	39	0.24	0.09	360.0
	41	0.10	0.04	360.0	43	0.07	0.03	360.0	45	0.21	0.05	217.0
	48	0.48	0.11	240.0	53	0.13	0.02	143.0	58	0.10	0.02	240.0
	59	0.08	0.03	360.0	73	0.80	0.48	600.0	74	0.04	0.02	600.0
	75	0.18	0.11	600.0	76	0.59	0.36	600.0	83	0.05	2.20e-03	40.0
	85	0.13	0.05	360.0	86	0.02	6.73e-03	358.9	87	6.68e-03	2.40e-03	358.9
	90	0.04	0.01	360.0	95	0.04	6.15e-03	143.0	97	0.05	0.02	360.0
	100	0.05	0.02	358.9	101	0.24	0.03	141.9	102	0.08	0.02	200.0
	103	0.10	0.02	200.0	104	0.20	0.02	103.0	105	0.15	0.02	103.0
	106	0.10	0.02	200.0	107	0.08	0.02	200.0	108	0.05	0.02	360.0
	109	0.05	0.02	360.0	212	0.04	0.01	360.0	213	0.03	9.82e-03	360.0
	214	0.02	7.24e-03	360.0	215	0.09	4.83e-03	51.4	216	0.04	0.01	360.0

	218	0.028.66e-03	360.0	231	0.052.70e-03	51.4	238	0.052.58e-03	51.4
	245	0.052.44e-03	51.4	252	0.042.30e-03	51.4	256	0.094.57e-03	51.4
	257	0.052.32e-03	51.4	258	0.136.60e-03	51.4	262	0.125.94e-03	51.4
	266	0.115.44e-03	51.4	269	0.094.44e-03	51.4	270	0.062.85e-03	51.4
	271	0.24 0.01	51.4	272	0.105.29e-03	51.4			
43	1	0.19 0.12	600.0	2	0.19 0.11	600.0	8	0.61 0.36	600.0
	9	0.35 0.13	360.0	10	0.86 0.52	600.0	13	0.51 0.31	600.0
	15	0.26 0.09	360.0	17	0.31 0.11	360.0	18	0.30 0.11	360.0
	20	0.25 0.09	360.0	21	0.23 0.08	360.0	22	0.187.22e-03	40.0
	23	0.24 0.09	360.0	27	0.34 0.12	360.0	30	0.30 0.11	360.0
	32	0.26 0.09	360.0	36	0.21 0.05	240.0	39	0.28 0.10	360.0
	41	0.18 0.06	360.0	43	0.27 0.10	360.0	45	0.32 0.07	217.0
	48	0.54 0.13	240.0	53	0.22 0.03	143.0	58	0.19 0.05	240.0
	59	0.17 0.06	360.0	73	0.84 0.51	600.0	74	0.14 0.08	600.0
	75	0.19 0.12	600.0	76	0.65 0.39	600.0	83	0.166.52e-03	40.0
	85	0.30 0.11	360.0	86	0.28 0.10	358.9	87	0.34 0.12	358.9
	90	0.39 0.14	360.0	95	0.25 0.04	143.0	97	0.39 0.14	360.0
	100	0.32 0.12	358.9	101	0.48 0.07	141.9	102	0.18 0.04	200.0
	103	0.19 0.04	200.0	104	0.22 0.02	103.0	105	0.22 0.02	103.0
	106	0.20 0.04	200.0	107	0.20 0.04	200.0	108	0.48 0.17	360.0
	109	0.48 0.17	360.0	212	0.06 0.02	360.0	213	0.08 0.03	360.0
	214	0.07 0.02	360.0	215	0.115.54e-03	51.4	216	0.04 0.01	360.0
	218	0.08 0.03	360.0	231	0.073.67e-03	51.4	238	0.073.59e-03	51.4
	245	0.073.47e-03	51.4	252	0.021.13e-03	51.4	256	0.28 0.01	51.4
	257	0.073.81e-03	51.4	258	0.136.50e-03	51.4	262	0.136.78e-03	51.4
	266	0.136.52e-03	51.4	269	0.115.64e-03	51.4	270	0.094.48e-03	51.4
	271	0.25 0.01	51.4	272	0.157.64e-03	51.4			
44	1	0.78 0.47	600.0	2	0.90 0.54	600.0	8	0.56 0.33	600.0
	9	0.18 0.07	360.0	10	0.20 0.12	600.0	13	0.56 0.33	600.0
	15	0.43 0.15	360.0	17	0.43 0.15	360.0	18	0.39 0.14	360.0
	20	0.40 0.14	360.0	21	0.41 0.15	360.0	22	0.26 0.01	40.0
	23	0.47 0.17	360.0	27	0.34 0.12	360.0	30	0.31 0.11	360.0
	32	0.30 0.11	360.0	36	0.34 0.08	240.0	39	0.25 0.09	360.0
	41	0.35 0.13	360.0	43	0.44 0.16	360.0	45	0.57 0.12	217.0
	48	0.14 0.03	240.0	53	0.22 0.03	143.0	58	0.37 0.09	240.0
	59	0.38 0.14	360.0	73	0.12 0.07	600.0	74	0.98 0.59	600.0
	75	0.93 0.56	600.0	76	0.11 0.07	600.0	83	0.249.73e-03	40.0
	85	0.40 0.14	360.0	86	0.50 0.18	358.9	87	0.55 0.20	358.9
	90	0.61 0.22	360.0	95	0.21 0.03	143.0	97	0.57 0.20	360.0
	100	0.50 0.18	358.9	101	0.25 0.04	141.9	102	0.22 0.04	200.0
	103	0.22 0.04	200.0	104	0.23 0.02	103.0	105	0.22 0.02	103.0
	106	0.29 0.06	200.0	107	0.29 0.06	200.0	108	0.66 0.24	360.0
	109	0.70 0.25	360.0	212	0.11 0.04	360.0	213	0.11 0.04	360.0
	214	0.05 0.02	360.0	215	0.084.02e-03	51.4	216	0.08 0.03	360.0
	218	0.09 0.03	360.0	231	0.073.35e-03	51.4	238	0.063.22e-03	51.4
	245	0.073.48e-03	51.4	252	0.062.98e-03	51.4	256	0.168.16e-03	51.4
	257	0.073.70e-03	51.4	258	0.063.08e-03	51.4	262	0.042.18e-03	51.4
	266	0.052.33e-03	51.4	269	0.063.10e-03	51.4	270	0.084.20e-03	51.4
	271	0.25 0.01	51.4	272	0.168.00e-03	51.4			
45	1	0.71 0.43	600.0	2	0.86 0.51	600.0	8	0.49 0.29	600.0
	9	0.14 0.05	360.0	10	0.16 0.09	600.0	13	0.57 0.34	600.0
	15	0.31 0.11	360.0	17	0.31 0.11	360.0	18	0.31 0.11	360.0
	20	0.31 0.11	360.0	21	0.31 0.11	360.0	22	0.218.56e-03	40.0
	23	0.33 0.12	360.0	27	0.27 0.10	360.0	30	0.26 0.09	360.0
	32	0.25 0.09	360.0	36	0.29 0.07	240.0	39	0.13 0.05	360.0
	41	0.24 0.09	360.0	43	0.33 0.12	360.0	45	0.39 0.08	217.0
	48	0.07 0.02	240.0	53	0.19 0.03	143.0	58	0.29 0.07	240.0
	59	0.28 0.10	360.0	73	0.08 0.05	600.0	74	0.93 0.56	600.0
	75	0.88 0.53	600.0	76	0.06 0.04	600.0	83	0.208.04e-03	40.0
	85	0.30 0.11	360.0	86	0.33 0.12	358.9	87	0.33 0.12	358.9
	90	0.33 0.12	360.0	95	0.18 0.03	143.0	97	0.33 0.12	360.0
	100	0.32 0.12	358.9	101	0.25 0.04	141.9	102	0.14 0.03	200.0
	103	0.14 0.03	200.0	104	0.18 0.02	103.0	105	0.17 0.02	103.0
	106	0.14 0.03	200.0	107	0.14 0.03	200.0	108	0.34 0.12	360.0
	109	0.35 0.12	360.0	212	0.07 0.03	360.0	213	0.07 0.03	360.0
	214	0.03 0.01	360.0	215	0.105.04e-03	51.4	216	0.05 0.02	360.0
	218	0.06 0.02	360.0	231	0.094.56e-03	51.4	238	0.063.17e-03	51.4
	245	0.094.78e-03	51.4	252	0.094.85e-03	51.4	256	0.126.17e-03	51.4
	257	0.083.98e-03	51.4	258	0.063.20e-03	51.4	262	0.073.84e-03	51.4
	266	0.094.64e-03	51.4	269	0.083.95e-03	51.4	270	0.136.65e-03	51.4
	271	0.063.32e-03	51.4	272	0.168.20e-03	51.4			
46	1	0.19 0.12	600.0	2	0.14 0.08	600.0	8	0.58 0.35	600.0
	9	0.24 0.09	360.0	10	0.84 0.51	600.0	13	0.55 0.33	600.0
	15	0.14 0.05	360.0	17	0.17 0.06	360.0	18	0.16 0.06	360.0
	20	0.13 0.05	360.0	21	0.13 0.05	360.0	22	0.093.78e-03	40.0
	23	0.14 0.05	360.0	27	0.15 0.05	360.0	30	0.14 0.05	360.0
	32	0.11 0.04	360.0	36	0.11 0.03	240.0	39	0.24 0.09	360.0

	41	0.11	0.04	360.0	43	0.14	0.05	360.0	45	0.32	0.07	217.0
	48	0.48	0.11	240.0	53	0.16	0.02	143.0	58	0.10	0.02	240.0
	59	0.08	0.03	360.0	73	0.80	0.48	600.0	74	0.04	0.02	600.0
	75	0.19	0.11	600.0	76	0.59	0.35	600.0	83	0.083.34e-03		40.0
	85	0.17	0.06	360.0	86	0.11	0.04	358.9	87	0.03	0.01	358.9
	90	0.04	0.02	360.0	95	0.09	0.01	143.0	97	0.04	0.01	360.0
	100	0.12	0.04	358.9	101	0.22	0.03	141.9	102	0.06	0.01	200.0
	103	0.09	0.02	200.0	104	0.22	0.02	103.0	105	0.20	0.02	103.0
	106	0.09	0.02	200.0	107	0.07	0.01	200.0	108	0.05	0.02	360.0
	109	0.05	0.02	360.0	212	0.06	0.02	360.0	213	0.05	0.02	360.0
	214	0.03	0.01	360.0	215	0.094.63e-03		51.4	216	0.05	0.02	360.0
	218	0.04	0.01	360.0	231	0.052.53e-03		51.4	238	0.052.43e-03		51.4
	245	0.042.30e-03		51.4	252	0.042.17e-03		51.4	256	0.052.69e-03		51.4
	257	0.052.32e-03		51.4	258	0.126.37e-03		51.4	262	0.115.61e-03		51.4
	266	0.105.12e-03		51.4	269	0.084.14e-03		51.4	270	0.052.60e-03		51.4
	271	0.199.97e-03		51.4	272	0.104.91e-03		51.4				
47	1	0.19	0.11	600.0	2	0.17	0.10	600.0	8	0.55	0.33	600.0
	9	0.36	0.13	360.0	10	0.84	0.50	600.0	13	0.50	0.30	600.0
	15	0.23	0.08	360.0	17	0.28	0.10	360.0	18	0.29	0.10	360.0
	20	0.24	0.08	360.0	21	0.21	0.07	360.0	22	0.166.55e-03		40.0
	23	0.20	0.07	360.0	27	0.35	0.13	360.0	30	0.31	0.11	360.0
	32	0.26	0.09	360.0	36	0.20	0.05	240.0	39	0.28	0.10	360.0
	41	0.17	0.06	360.0	43	0.24	0.08	360.0	45	0.21	0.05	217.0
	48	0.54	0.13	240.0	53	0.21	0.03	143.0	58	0.18	0.04	240.0
	59	0.17	0.06	360.0	73	0.85	0.51	600.0	74	0.13	0.08	600.0
	75	0.18	0.11	600.0	76	0.66	0.39	600.0	83	0.176.63e-03		40.0
	85	0.29	0.10	360.0	86	0.23	0.08	358.9	87	0.33	0.12	358.9
	90	0.38	0.14	360.0	95	0.22	0.03	143.0	97	0.38	0.14	360.0
	100	0.30	0.11	358.9	101	0.49	0.07	141.9	102	0.18	0.04	200.0
	103	0.19	0.04	200.0	104	0.20	0.02	103.0	105	0.20	0.02	103.0
	106	0.20	0.04	200.0	107	0.20	0.04	200.0	108	0.47	0.17	360.0
	109	0.47	0.17	360.0	212	0.03	0.01	360.0	213	0.07	0.03	360.0
	214	0.06	0.02	360.0	215	0.115.74e-03		51.4	216	0.028.82e-03		360.0
	218	0.07	0.02	360.0	231	0.073.82e-03		51.4	238	0.073.71e-03		51.4
	245	0.073.58e-03		51.4	252	0.041.99e-03		51.4	256	0.25	0.01	51.4
	257	0.073.83e-03		51.4	258	0.136.73e-03		51.4	262	0.147.11e-03		51.4
	266	0.136.78e-03		51.4	269	0.115.86e-03		51.4	270	0.094.62e-03		51.4
	271	0.24	0.01	51.4	272	0.157.93e-03		51.4				
48	1	0.78	0.47	600.0	2	0.88	0.53	600.0	8	0.50	0.30	600.0
	9	0.19	0.07	360.0	10	0.18	0.11	600.0	13	0.55	0.33	600.0
	15	0.35	0.13	360.0	17	0.35	0.12	360.0	18	0.34	0.12	360.0
	20	0.34	0.12	360.0	21	0.36	0.13	360.0	22	0.36	0.01	40.0
	23	0.39	0.14	360.0	27	0.34	0.12	360.0	30	0.31	0.11	360.0
	32	0.30	0.11	360.0	36	0.34	0.08	240.0	39	0.25	0.09	360.0
	41	0.35	0.12	360.0	43	0.36	0.13	360.0	45	0.48	0.10	217.0
	48	0.14	0.03	240.0	53	0.24	0.03	143.0	58	0.37	0.09	240.0
	59	0.38	0.14	360.0	73	0.13	0.08	600.0	74	0.98	0.59	600.0
	75	0.94	0.56	600.0	76	0.12	0.07	600.0	83	0.249.60e-03		40.0
	85	0.33	0.12	360.0	86	0.41	0.15	358.9	87	0.53	0.19	358.9
	90	0.59	0.21	360.0	95	0.24	0.03	143.0	97	0.52	0.19	360.0
	100	0.45	0.16	358.9	101	0.26	0.04	141.9	102	0.22	0.04	200.0
	103	0.23	0.05	200.0	104	0.25	0.03	103.0	105	0.22	0.02	103.0
	106	0.30	0.06	200.0	107	0.29	0.06	200.0	108	0.62	0.22	360.0
	109	0.68	0.24	360.0	212	0.09	0.03	360.0	213	0.09	0.03	360.0
	214	0.03	0.01	360.0	215	0.083.88e-03		51.4	216	0.06	0.02	360.0
	218	0.07	0.02	360.0	231	0.052.79e-03		51.4	238	0.073.44e-03		51.4
	245	0.073.50e-03		51.4	252	0.052.58e-03		51.4	256	0.084.16e-03		51.4
	257	0.063.27e-03		51.4	258	0.062.85e-03		51.4	262	0.041.92e-03		51.4
	266	0.052.40e-03		51.4	269	0.063.24e-03		51.4	270	0.094.37e-03		51.4
	271	0.147.22e-03		51.4	272	0.157.61e-03		51.4				
49	1	0.71	0.43	600.0	2	0.88	0.53	600.0	8	0.55	0.33	600.0
	9	0.15	0.05	360.0	10	0.19	0.11	600.0	13	0.58	0.35	600.0
	15	0.40	0.14	360.0	17	0.40	0.14	360.0	18	0.37	0.13	360.0
	20	0.38	0.14	360.0	21	0.37	0.13	360.0	22	0.124.86e-03		40.0
	23	0.42	0.15	360.0	27	0.28	0.10	360.0	30	0.27	0.10	360.0
	32	0.26	0.09	360.0	36	0.29	0.07	240.0	39	0.13	0.05	360.0
	41	0.25	0.09	360.0	43	0.41	0.15	360.0	45	0.50	0.11	217.0
	48	0.07	0.02	240.0	53	0.16	0.02	143.0	58	0.30	0.07	240.0
	59	0.28	0.10	360.0	73	0.08	0.05	600.0	74	0.93	0.56	600.0
	75	0.87	0.52	600.0	76	0.06	0.04	600.0	83	0.218.21e-03		40.0
	85	0.38	0.14	360.0	86	0.44	0.16	358.9	87	0.36	0.13	358.9
	90	0.36	0.13	360.0	95	0.15	0.02	143.0	97	0.40	0.14	360.0
	100	0.39	0.14	358.9	101	0.26	0.04	141.9	102	0.14	0.03	200.0
	103	0.12	0.02	200.0	104	0.15	0.02	103.0	105	0.17	0.02	103.0
	106	0.12	0.02	200.0	107	0.14	0.03	200.0	108	0.41	0.15	360.0
	109	0.37	0.13	360.0	212	0.10	0.04	360.0	213	0.10	0.04	360.0
	214	0.05	0.02	360.0	215	0.105.16e-03		51.4	216	0.06	0.02	360.0

	218	0.08	0.03	360.0	231	0.094.57e-03	51.4	238	0.073.43e-03	51.4		
	245	0.094.79e-03		51.4	252	0.094.86e-03	51.4	256	0.126.14e-03	51.4		
	257	0.084.36e-03		51.4	258	0.073.45e-03	51.4	262	0.084.04e-03	51.4		
	266	0.094.64e-03		51.4	269	0.073.46e-03	51.4	270	0.136.53e-03	51.4		
	271	0.126.00e-03		51.4	272	0.178.58e-03	51.4					
50	1	0.12	0.07	600.0	2	0.09	0.05	600.0	8	0.41	0.24	600.0
	9	0.27	0.10	360.0	10	0.79	0.47	600.0	13	0.43	0.26	600.0
	15	0.08	0.03	360.0	17	0.14	0.05	360.0	18	0.15	0.05	360.0
	20	0.09	0.03	360.0	21	0.07	0.02	360.0	22	0.135.20e-03		40.0
	23	0.06	0.02	360.0	27	0.15	0.05	360.0	30	0.17	0.06	360.0
	32	0.12	0.04	360.0	36	0.14	0.03	240.0	39	0.25	0.09	360.0
	41	0.11	0.04	360.0	43	0.09	0.03	360.0	45	0.20	0.04	217.0
	48	0.57	0.14	240.0	53	0.13	0.02	143.0	58	0.13	0.03	240.0
	59	0.08	0.03	360.0	73	0.85	0.51	600.0	74	0.04	0.02	600.0
	75	0.07	0.04	600.0	76	0.68	0.41	600.0	83	0.052.14e-03		40.0
	85	0.15	0.05	360.0	86	4.91e-03	1.76e-03	358.9	87	0.03	0.01	358.9
	90	0.08	0.03	360.0	95	0.068.81e-03		143.0	97	0.08	0.03	360.0
	100	0.06	0.02	358.9	101	0.17	0.02	141.9	102	0.09	0.02	200.0
	103	0.11	0.02	200.0	104	0.19	0.02	103.0	105	0.16	0.02	103.0
	106	0.09	0.02	200.0	107	0.08	0.02	200.0	108	0.11	0.04	360.0
	109	0.11	0.04	360.0	212	0.04	0.01	360.0	213	0.028.61e-03		360.0
	214	0.015.00e-03		360.0	215	0.094.85e-03		51.4	216	0.03	0.01	360.0
	218	0.027.02e-03		360.0	231	0.052.68e-03		51.4	238	0.052.51e-03		51.4
	245	0.052.34e-03		51.4	252	0.042.18e-03		51.4	256	0.094.54e-03		51.4
	257	0.052.49e-03		51.4	258	0.136.71e-03		51.4	262	0.126.01e-03		51.4
	266	0.105.40e-03		51.4	269	0.084.24e-03		51.4	270	0.199.97e-03		51.4
	271	0.168.37e-03		51.4	272	0.126.01e-03		51.4				
51	1	0.15	0.09	600.0	2	0.17	0.10	600.0	8	0.51	0.30	600.0
	9	0.37	0.13	360.0	10	0.84	0.50	600.0	13	0.40	0.24	600.0
	15	0.28	0.10	360.0	17	0.33	0.12	360.0	18	0.32	0.11	360.0
	20	0.26	0.09	360.0	21	0.24	0.09	360.0	22	0.197.79e-03		40.0
	23	0.26	0.09	360.0	27	0.12	0.04	360.0	30	0.32	0.12	360.0
	32	0.27	0.10	360.0	36	0.23	0.06	240.0	39	0.30	0.11	360.0
	41	0.17	0.06	360.0	43	0.28	0.10	360.0	45	0.33	0.07	217.0
	48	0.63	0.15	240.0	53	0.17	0.02	143.0	58	0.20	0.05	240.0
	59	0.19	0.07	360.0	73	0.89	0.53	600.0	74	0.14	0.08	600.0
	75	0.14	0.08	600.0	76	0.74	0.44	600.0	83	0.187.16e-03		40.0
	85	0.32	0.12	360.0	86	0.30	0.11	358.9	87	0.38	0.14	358.9
	90	0.44	0.16	360.0	95	0.21	0.03	143.0	97	0.44	0.16	360.0
	100	0.36	0.13	358.9	101	0.51	0.07	141.9	102	0.20	0.04	200.0
	103	0.21	0.04	200.0	104	0.23	0.02	103.0	105	0.23	0.02	103.0
	106	0.23	0.05	200.0	107	0.23	0.05	200.0	108	0.55	0.20	360.0
	109	0.56	0.20	360.0	212	0.06	0.02	360.0	213	0.08	0.03	360.0
	214	0.06	0.02	360.0	215	0.115.57e-03		51.4	216	0.04	0.02	360.0
	218	0.07	0.03	360.0	231	0.073.64e-03		51.4	238	0.073.51e-03		51.4
	245	0.073.35e-03		51.4	252	0.017.45e-04		51.4	256	0.29	0.01	51.4
	257	0.083.98e-03		51.4	258	0.136.62e-03		51.4	262	0.136.87e-03		51.4
	266	0.136.46e-03		51.4	269	0.105.34e-03		51.4	270	0.042.14e-03		51.4
	271	0.168.30e-03		51.4	272	0.157.92e-03		51.4				
52	1	0.85	0.51	600.0	2	0.88	0.53	600.0	8	0.45	0.27	600.0
	9	0.20	0.07	360.0	10	0.18	0.11	600.0	13	0.45	0.27	600.0
	15	0.44	0.16	360.0	17	0.44	0.16	360.0	18	0.40	0.14	360.0
	20	0.40	0.15	360.0	21	0.42	0.15	360.0	22	0.27	0.01	40.0
	23	0.48	0.17	360.0	27	0.37	0.13	360.0	30	0.32	0.12	360.0
	32	0.31	0.11	360.0	36	0.37	0.09	240.0	39	0.27	0.10	360.0
	41	0.35	0.13	360.0	43	0.45	0.16	360.0	45	0.58	0.13	217.0
	48	0.22	0.05	240.0	53	0.20	0.03	143.0	58	0.39	0.09	240.0
	59	0.39	0.14	360.0	73	0.16	0.10	600.0	74	1.03	0.62	600.0
	75	1.04	0.62	600.0	76	0.19	0.11	600.0	83	0.259.94e-03		40.0
	85	0.41	0.15	360.0	86	0.52	0.19	358.9	87	0.58	0.21	358.9
	90	0.66	0.24	360.0	95	0.19	0.03	143.0	97	0.61	0.22	360.0
	100	0.53	0.19	358.9	101	0.27	0.04	141.9	102	0.24	0.05	200.0
	103	0.23	0.05	200.0	104	0.25	0.03	103.0	105	0.24	0.02	103.0
	106	0.33	0.07	200.0	107	0.32	0.06	200.0	108	0.73	0.26	360.0
	109	0.77	0.28	360.0	212	0.11	0.04	360.0	213	0.11	0.04	360.0
	214	0.04	0.01	360.0	215	0.083.97e-03		51.4	216	0.08	0.03	360.0
	218	0.09	0.03	360.0	231	0.073.35e-03		51.4	238	0.062.96e-03		51.4
	245	0.073.56e-03		51.4	252	0.073.38e-03		51.4	256	0.168.20e-03		51.4
	257	0.073.64e-03		51.4	258	0.062.90e-03		51.4	262	0.042.08e-03		51.4
	266	0.042.30e-03		51.4	269	0.073.40e-03		51.4	270	0.115.58e-03		51.4
	271	0.23	0.01	51.4	272	0.157.93e-03		51.4				
53	1	0.79	0.47	600.0	2	0.83	0.50	600.0	8	0.38	0.23	600.0
	9	0.15	0.06	360.0	10	0.13	0.08	600.0	13	0.46	0.27	600.0
	15	0.32	0.11	360.0	17	0.32	0.11	360.0	18	0.31	0.11	360.0
	20	0.31	0.11	360.0	21	0.31	0.11	360.0	22	0.218.55e-03		40.0
	23	0.34	0.12	360.0	27	0.46	0.16	360.0	30	0.26	0.09	360.0
	32	0.25	0.09	360.0	36	0.32	0.08	240.0	39	0.15	0.05	360.0

	41	0.24	0.09	360.0	43	0.33	0.12	360.0	45	0.39	0.08	217.0
	48	0.16	0.04	240.0	53	0.18	0.03	143.0	58	0.32	0.08	240.0
	59	0.28	0.10	360.0	73	0.12	0.07	600.0	74	0.98	0.59	600.0
	75	0.98	0.59	600.0	76	0.13	0.08	600.0	83	0.207.92e-03		40.0
	85	0.31	0.11	360.0	86	0.34	0.12	358.9	87	0.35	0.12	358.9
	90	0.35	0.13	360.0	95	0.19	0.03	143.0	97	0.34	0.12	360.0
	100	0.33	0.12	358.9	101	0.22	0.03	141.9	102	0.14	0.03	200.0
	103	0.14	0.03	200.0	104	0.18	0.02	103.0	105	0.16	0.02	103.0
	106	0.14	0.03	200.0	107	0.14	0.03	200.0	108	0.36	0.13	360.0
	109	0.38	0.14	360.0	212	0.07	0.03	360.0	213	0.07	0.03	360.0
	214	0.03	0.01	360.0	215	0.104.96e-03		51.4	216	0.05	0.02	360.0
	218	0.06	0.02	360.0	231	0.094.56e-03		51.4	238	0.063.25e-03		51.4
	245	0.094.87e-03		51.4	252	0.104.96e-03		51.4	256	0.146.98e-03		51.4
	257	0.083.86e-03		51.4	258	0.063.03e-03		51.4	262	0.073.73e-03		51.4
	266	0.094.71e-03		51.4	269	0.073.85e-03		51.4	270	0.084.05e-03		51.4
	271	0.041.99e-03		51.4	272	0.168.02e-03		51.4				
54	1	0.12	0.07	600.0	2	0.11	0.07	600.0	8	0.47	0.28	600.0
	9	0.26	0.09	360.0	10	0.82	0.49	600.0	13	0.44	0.26	600.0
	15	0.15	0.05	360.0	17	0.19	0.07	360.0	18	0.18	0.06	360.0
	20	0.13	0.05	360.0	21	0.13	0.05	360.0	22	0.114.55e-03		40.0
	23	0.15	0.05	360.0	27	0.17	0.06	360.0	30	0.16	0.06	360.0
	32	0.12	0.04	360.0	36	0.14	0.03	240.0	39	0.25	0.09	360.0
	41	0.12	0.04	360.0	43	0.15	0.06	360.0	45	0.31	0.07	217.0
	48	0.57	0.14	240.0	53	0.16	0.02	143.0	58	0.14	0.03	240.0
	59	0.08	0.03	360.0	73	0.85	0.51	600.0	74	0.04	0.02	600.0
	75	0.08	0.05	600.0	76	0.68	0.41	600.0	83	0.103.85e-03		40.0
	85	0.18	0.07	360.0	86	0.12	0.04	358.9	87	0.05	0.02	358.9
	90	0.07	0.03	360.0	95	0.10	0.01	143.0	97	0.07	0.03	360.0
	100	0.13	0.05	358.9	101	0.17	0.02	141.9	102	0.08	0.02	200.0
	103	0.10	0.02	200.0	104	0.22	0.02	103.0	105	0.21	0.02	103.0
	106	0.08	0.02	200.0	107	0.06	0.01	200.0	108	0.11	0.04	360.0
	109	0.12	0.04	360.0	212	0.06	0.02	360.0	213	0.05	0.02	360.0
	214	0.039.17e-03		360.0	215	0.094.64e-03		51.4	216	0.04	0.02	360.0
	218	0.04	0.01	360.0	231	0.052.51e-03		51.4	238	0.052.36e-03		51.4
	245	0.042.20e-03		51.4	252	0.042.04e-03		51.4	256	0.052.54e-03		51.4
	257	0.052.48e-03		51.4	258	0.136.48e-03		51.4	262	0.115.68e-03		51.4
	266	0.105.08e-03		51.4	269	0.083.93e-03		51.4	270	0.199.84e-03		51.4
	271	0.073.65e-03		51.4	272	0.105.32e-03		51.4				
55	1	0.15	0.09	600.0	2	0.16	0.09	600.0	8	0.45	0.27	600.0
	9	0.38	0.14	360.0	10	0.81	0.49	600.0	13	0.40	0.24	600.0
	15	0.25	0.09	360.0	17	0.30	0.11	360.0	18	0.31	0.11	360.0
	20	0.25	0.09	360.0	21	0.22	0.08	360.0	22	0.187.21e-03		40.0
	23	0.22	0.08	360.0	27	0.11	0.04	360.0	30	0.33	0.12	360.0
	32	0.27	0.10	360.0	36	0.23	0.05	240.0	39	0.30	0.11	360.0
	41	0.17	0.06	360.0	43	0.25	0.09	360.0	45	0.22	0.05	217.0
	48	0.63	0.15	240.0	53	0.16	0.02	143.0	58	0.19	0.05	240.0
	59	0.19	0.07	360.0	73	0.89	0.54	600.0	74	0.13	0.08	600.0
	75	0.13	0.08	600.0	76	0.74	0.45	600.0	83	0.187.26e-03		40.0
	85	0.31	0.11	360.0	86	0.26	0.09	358.9	87	0.37	0.13	358.9
	90	0.43	0.16	360.0	95	0.18	0.03	143.0	97	0.43	0.16	360.0
	100	0.34	0.12	358.9	101	0.52	0.07	141.9	102	0.20	0.04	200.0
	103	0.22	0.04	200.0	104	0.21	0.02	103.0	105	0.20	0.02	103.0
	106	0.23	0.05	200.0	107	0.23	0.05	200.0	108	0.54	0.20	360.0
	109	0.55	0.20	360.0	212	0.04	0.01	360.0	213	0.06	0.02	360.0
	214	0.06	0.02	360.0	215	0.115.77e-03		51.4	216	0.039.05e-03		360.0
	218	0.06	0.02	360.0	231	0.073.79e-03		51.4	238	0.073.64e-03		51.4
	245	0.073.47e-03		51.4	252	0.031.47e-03		51.4	256	0.27	0.01	51.4
	257	0.084.00e-03		51.4	258	0.136.85e-03		51.4	262	0.147.20e-03		51.4
	266	0.136.73e-03		51.4	269	0.115.57e-03		51.4	270	0.052.76e-03		51.4
	271	0.126.17e-03		51.4	272	0.168.21e-03		51.4				
56	1	0.85	0.51	600.0	2	0.85	0.51	600.0	8	0.39	0.23	600.0
	9	0.21	0.07	360.0	10	0.16	0.10	600.0	13	0.45	0.27	600.0
	15	0.36	0.13	360.0	17	0.36	0.13	360.0	18	0.35	0.12	360.0
	20	0.35	0.13	360.0	21	0.36	0.13	360.0	22	0.36	0.01	40.0
	23	0.40	0.14	360.0	27	0.35	0.13	360.0	30	0.32	0.12	360.0
	32	0.31	0.11	360.0	36	0.36	0.09	240.0	39	0.27	0.10	360.0
	41	0.34	0.12	360.0	43	0.37	0.13	360.0	45	0.49	0.11	217.0
	48	0.22	0.05	240.0	53	0.22	0.03	143.0	58	0.38	0.09	240.0
	59	0.39	0.14	360.0	73	0.17	0.10	600.0	74	1.03	0.62	600.0
	75	1.04	0.63	600.0	76	0.19	0.12	600.0	83	0.259.82e-03		40.0
	85	0.35	0.12	360.0	86	0.43	0.15	358.9	87	0.56	0.20	358.9
	90	0.64	0.23	360.0	95	0.22	0.03	143.0	97	0.56	0.20	360.0
	100	0.48	0.17	358.9	101	0.28	0.04	141.9	102	0.24	0.05	200.0
	103	0.25	0.05	200.0	104	0.27	0.03	103.0	105	0.24	0.02	103.0
	106	0.33	0.07	200.0	107	0.32	0.06	200.0	108	0.68	0.25	360.0
	109	0.75	0.27	360.0	212	0.09	0.03	360.0	213	0.09	0.03	360.0
	214	0.03	0.01	360.0	215	0.073.84e-03		51.4	216	0.06	0.02	360.0

	218	0.07	0.02	360.0	231	0.063.15e-03	51.4	238	0.073.48e-03	51.4	
	245	0.073.57e-03		51.4	252	0.062.86e-03	51.4	256	0.084.28e-03	51.4	
	257	0.063.20e-03		51.4	258	0.052.65e-03	51.4	262	0.041.82e-03	51.4	
	266	0.052.48e-03		51.4	269	0.073.52e-03	51.4	270	0.115.80e-03	51.4	
	271	0.104.95e-03		51.4	272	0.157.53e-03	51.4				
57	1	0.79	0.47	600.0	2	0.85	0.51	8	0.44	0.26	600.0
	9	0.16	0.06	360.0	10	0.16	0.09	13	0.47	0.28	600.0
	15	0.40	0.15	360.0	17	0.40	0.14	18	0.37	0.13	360.0
	20	0.38	0.14	360.0	21	0.37	0.13	22	0.124.79e-03		40.0
	23	0.42	0.15	360.0	27	0.47	0.17	30	0.27	0.10	360.0
	32	0.26	0.09	360.0	36	0.32	0.08	39	0.15	0.05	360.0
	41	0.25	0.09	360.0	43	0.42	0.15	45	0.50	0.11	217.0
	48	0.16	0.04	240.0	53	0.16	0.02	58	0.33	0.08	240.0
	59	0.29	0.10	360.0	73	0.12	0.07	74	0.98	0.59	600.0
	75	0.98	0.59	600.0	76	0.13	0.08	83	0.208.09e-03		40.0
	85	0.38	0.14	360.0	86	0.45	0.16	87	0.37	0.13	358.9
	90	0.38	0.14	360.0	95	0.16	0.02	97	0.41	0.15	360.0
	100	0.39	0.14	358.9	101	0.22	0.03	102	0.14	0.03	200.0
	103	0.12	0.02	200.0	104	0.15	0.02	105	0.16	0.02	103.0
	106	0.13	0.03	200.0	107	0.15	0.03	108	0.43	0.16	360.0
	109	0.40	0.15	360.0	212	0.10	0.04	213	0.10	0.04	360.0
	214	0.05	0.02	360.0	215	0.105.19e-03	51.4	216	0.06	0.02	360.0
	218	0.08	0.03	360.0	231	0.094.58e-03	51.4	238	0.073.52e-03		51.4
	245	0.094.88e-03		51.4	252	0.104.97e-03	51.4	256	0.136.94e-03		51.4
	257	0.084.25e-03		51.4	258	0.063.28e-03	51.4	262	0.083.94e-03		51.4
	266	0.094.72e-03		51.4	269	0.073.36e-03	51.4	270	0.073.82e-03		51.4
	271	0.115.60e-03		51.4	272	0.168.41e-03	51.4				
58	1	0.54	0.33	600.0	2	0.39	0.24	8	0.18	0.11	600.0
	9	0.19	0.07	360.0	10	0.46	0.28	13	0.37	0.22	600.0
	15	0.31	0.11	360.0	17	0.28	0.10	18	0.22	0.08	360.0
	20	0.27	0.10	360.0	21	0.34	0.12	22	0.25	0.01	40.0
	23	0.39	0.14	360.0	27	0.17	0.06	30	0.15	0.05	360.0
	32	0.19	0.07	360.0	36	0.16	0.04	39	0.32	0.11	360.0
	41	0.30	0.11	360.0	43	0.31	0.11	45	0.49	0.11	217.0
	48	0.26	0.06	240.0	53	0.17	0.02	58	0.30	0.07	240.0
	59	0.31	0.11	360.0	73	0.50	0.30	74	0.49	0.30	600.0
	75	0.57	0.34	600.0	76	0.36	0.21	83	0.228.89e-03		40.0
	85	0.24	0.09	360.0	86	0.46	0.17	87	0.54	0.19	358.9
	90	0.63	0.23	360.0	95	0.18	0.03	97	0.60	0.21	360.0
	100	0.50	0.18	358.9	101	0.31	0.04	102	0.27	0.05	200.0
	103	0.26	0.05	200.0	104	0.18	0.02	105	0.18	0.02	103.0
	106	0.29	0.06	200.0	107	0.29	0.06	108	0.71	0.26	360.0
	109	0.74	0.27	360.0	212	0.05	0.02	213	0.04	0.02	360.0
	214	0.04	0.01	360.0	215	0.073.42e-03	51.4	216	0.039.52e-03		360.0
	218	5.55e-032.00e-03		360.0	231	0.021.21e-03	51.4	238	0.021.12e-03		51.4
	245	0.021.01e-03		51.4	252	0.029.09e-04	51.4	256	0.35	0.02	51.4
	257	0.031.56e-03		51.4	258	0.115.45e-03	51.4	262	0.073.79e-03		51.4
	266	0.073.42e-03		51.4	269	0.052.77e-03	51.4	270	0.031.49e-03		51.4
	271	0.40	0.02	51.4	272	0.136.86e-03	51.4				
59	1	0.41	0.25	600.0	2	0.32	0.19	8	0.42	0.25	600.0
	9	0.39	0.14	360.0	10	0.61	0.37	13	0.29	0.17	600.0
	15	0.37	0.13	360.0	17	0.38	0.14	18	0.37	0.13	360.0
	20	0.36	0.13	360.0	21	0.37	0.13	22	0.27	0.01	40.0
	23	0.38	0.14	360.0	27	0.42	0.15	30	0.38	0.14	360.0
	32	0.36	0.13	360.0	36	0.24	0.06	39	0.29	0.10	360.0
	41	0.26	0.09	360.0	43	0.37	0.13	45	0.37	0.08	217.0
	48	0.43	0.10	240.0	53	0.23	0.03	58	0.29	0.07	240.0
	59	0.27	0.10	360.0	73	0.62	0.37	74	0.42	0.25	600.0
	75	0.46	0.28	600.0	76	0.53	0.32	83	0.259.96e-03		40.0
	85	0.38	0.14	360.0	86	0.45	0.16	87	0.56	0.20	358.9
	90	0.66	0.24	360.0	95	0.24	0.03	97	0.66	0.24	360.0
	100	0.55	0.20	358.9	101	0.69	0.10	102	0.30	0.06	200.0
	103	0.31	0.06	200.0	104	0.28	0.03	105	0.27	0.03	103.0
	106	0.37	0.07	200.0	107	0.36	0.07	108	0.80	0.29	360.0
	109	0.80	0.29	360.0	212	0.07	0.03	213	0.10	0.04	360.0
	214	0.09	0.03	360.0	215	0.126.26e-03	51.4	216	0.06	0.02	360.0
	218	0.10	0.04	360.0	231	0.105.09e-03	51.4	238	0.094.88e-03		51.4
	245	0.105.17e-03		51.4	252	0.105.15e-03	51.4	256	0.37	0.02	51.4
	257	0.105.04e-03		51.4	258	0.105.20e-03	51.4	262	0.147.01e-03		51.4
	266	0.157.63e-03		51.4	269	0.147.38e-03	51.4	270	0.157.70e-03		51.4
	271	0.43	0.02	51.4	272	0.199.59e-03	51.4				
60	1	0.70	0.42	600.0	2	0.66	0.40	8	0.32	0.19	600.0
	9	0.23	0.08	360.0	10	0.23	0.14	13	0.35	0.21	600.0
	15	0.45	0.16	360.0	17	0.43	0.15	18	0.37	0.13	360.0
	20	0.40	0.14	360.0	21	0.46	0.16	22	0.31	0.01	40.0
	23	0.52	0.19	360.0	27	0.33	0.12	30	0.29	0.10	360.0
	32	0.30	0.11	360.0	36	0.28	0.07	39	0.35	0.13	360.0

	41	0.40	0.14	360.0	43	0.46	0.16	360.0	45	0.63	0.14	217.0
	48	0.18	0.04	240.0	53	0.22	0.03	143.0	58	0.40	0.10	240.0
	59	0.42	0.15	360.0	73	0.27	0.16	600.0	74	0.75	0.45	600.0
	75	0.78	0.47	600.0	76	0.23	0.14	600.0	83	0.28	0.01	40.0
	85	0.39	0.14	360.0	86	0.60	0.22	358.9	87	0.70	0.25	358.9
	90	0.81	0.29	360.0	95	0.22	0.03	143.0	97	0.76	0.27	360.0
	100	0.64	0.23	358.9	101	0.39	0.06	141.9	102	0.32	0.06	200.0
	103	0.31	0.06	200.0	104	0.23	0.02	103.0	105	0.23	0.02	103.0
	106	0.39	0.08	200.0	107	0.38	0.08	200.0	108	0.91	0.33	360.0
	109	0.95	0.34	360.0	212	0.10	0.03	360.0	213	0.10	0.04	360.0
	214	5.95e-03	2.14e-03	360.0	215	0.06	2.94e-03	51.4	216	0.05	0.02	360.0
	218	0.05	0.02	360.0	231	0.02	1.20e-03	51.4	238	0.02	1.15e-03	51.4
	245	0.02	1.10e-03	51.4	252	0.02	1.06e-03	51.4	256	0.05	2.54e-03	51.4
	257	0.05	2.82e-03	51.4	258	0.09	4.37e-03	51.4	262	0.05	2.34e-03	51.4
	266	0.04	1.86e-03	51.4	269	0.02	1.21e-03	51.4	270	8.09e-04	4.16e-05	51.4
	271	0.05	2.71e-03	51.4	272	0.15	7.75e-03	51.4				
61	1	0.53	0.32	600.0	2	0.53	0.32	600.0	8	0.27	0.16	600.0
	9	0.31	0.11	360.0	10	0.34	0.21	600.0	13	0.34	0.21	600.0
	15	0.30	0.11	360.0	17	0.30	0.11	360.0	18	0.30	0.11	360.0
	20	0.30	0.11	360.0	21	0.33	0.12	360.0	22	0.25	9.88e-03	40.0
	23	0.32	0.12	360.0	27	0.34	0.12	360.0	30	0.31	0.11	360.0
	32	0.31	0.11	360.0	36	0.21	0.05	240.0	39	0.21	0.08	360.0
	41	0.21	0.07	360.0	43	0.30	0.11	360.0	45	0.27	0.06	217.0
	48	0.27	0.06	240.0	53	0.14	0.02	143.0	58	0.26	0.06	240.0
	59	0.22	0.08	360.0	73	0.37	0.22	600.0	74	0.64	0.38	600.0
	75	0.63	0.38	600.0	76	0.34	0.20	600.0	83	0.24	9.64e-03	40.0
	85	0.30	0.11	360.0	86	0.38	0.14	358.9	87	0.46	0.16	358.9
	90	0.53	0.19	360.0	95	0.19	0.03	143.0	97	0.54	0.20	360.0
	100	0.46	0.17	358.9	101	0.60	0.09	141.9	102	0.26	0.05	200.0
	103	0.26	0.05	200.0	104	0.16	0.02	103.0	105	0.16	0.02	103.0
	106	0.28	0.06	200.0	107	0.28	0.06	200.0	108	0.63	0.23	360.0
	109	0.63	0.23	360.0	212	0.04	0.02	360.0	213	0.07	0.02	360.0
	214	0.07	0.02	360.0	215	0.12	6.22e-03	51.4	216	0.04	0.02	360.0
	218	0.07	0.02	360.0	231	0.03	1.63e-03	51.4	238	0.11	5.56e-03	51.4
	245	0.11	5.62e-03	51.4	252	0.11	5.67e-03	51.4	256	0.08	3.99e-03	51.4
	257	0.09	4.83e-03	51.4	258	0.08	4.24e-03	51.4	262	0.12	6.29e-03	51.4
	266	0.08	3.90e-03	51.4	269	0.15	7.85e-03	51.4	270	0.16	8.46e-03	51.4
	271	0.11	5.88e-03	51.4	272	0.18	9.44e-03	51.4				
62	1	0.52	0.31	600.0	2	0.40	0.24	600.0	8	0.17	0.10	600.0
	9	0.19	0.07	360.0	10	0.45	0.27	600.0	13	0.35	0.21	600.0
	15	0.31	0.11	360.0	17	0.27	0.10	360.0	18	0.22	0.08	360.0
	20	0.26	0.09	360.0	21	0.34	0.12	360.0	22	0.25	9.90e-03	40.0
	23	0.38	0.14	360.0	27	0.26	0.10	360.0	30	0.14	0.05	360.0
	32	0.19	0.07	360.0	36	0.16	0.04	240.0	39	0.31	0.11	360.0
	41	0.31	0.11	360.0	43	0.31	0.11	360.0	45	0.49	0.11	217.0
	48	0.28	0.07	240.0	53	0.18	0.03	143.0	58	0.30	0.07	240.0
	59	0.31	0.11	360.0	73	0.51	0.31	600.0	74	0.48	0.29	600.0
	75	0.55	0.33	600.0	76	0.38	0.23	600.0	83	0.22	8.77e-03	40.0
	85	0.24	0.09	360.0	86	0.46	0.16	358.9	87	0.53	0.19	358.9
	90	0.62	0.22	360.0	95	0.19	0.03	143.0	97	0.58	0.21	360.0
	100	0.49	0.18	358.9	101	0.30	0.04	141.9	102	0.26	0.05	200.0
	103	0.25	0.05	200.0	104	0.18	0.02	103.0	105	0.18	0.02	103.0
	106	0.28	0.06	200.0	107	0.28	0.06	200.0	108	0.69	0.25	360.0
	109	0.72	0.26	360.0	212	0.05	0.02	360.0	213	0.04	0.02	360.0
	214	0.04	0.01	360.0	215	0.07	3.43e-03	51.4	216	0.03	9.76e-03	360.0
	218	9.85e-03	3.55e-03	360.0	231	0.02	1.20e-03	51.4	238	0.02	1.10e-03	51.4
	245	0.02	9.82e-04	51.4	252	0.02	8.74e-04	51.4	256	0.35	0.02	51.4
	257	0.03	1.35e-03	51.4	258	0.11	5.48e-03	51.4	262	0.07	3.80e-03	51.4
	266	0.07	3.42e-03	51.4	269	0.05	2.77e-03	51.4	270	0.05	2.48e-03	51.4
	271	0.39	0.02	51.4	272	0.13	6.86e-03	51.4				
63	1	0.40	0.24	600.0	2	0.33	0.20	600.0	8	0.39	0.24	600.0
	9	0.40	0.14	360.0	10	0.61	0.36	600.0	13	0.28	0.17	600.0
	15	0.37	0.13	360.0	17	0.39	0.14	360.0	18	0.38	0.14	360.0
	20	0.36	0.13	360.0	21	0.38	0.14	360.0	22	0.27	0.01	40.0
	23	0.39	0.14	360.0	27	0.33	0.12	360.0	30	0.39	0.14	360.0
	32	0.36	0.13	360.0	36	0.24	0.06	240.0	39	0.30	0.11	360.0
	41	0.26	0.09	360.0	43	0.37	0.13	360.0	45	0.37	0.08	217.0
	48	0.46	0.11	240.0	53	0.22	0.03	143.0	58	0.28	0.07	240.0
	59	0.28	0.10	360.0	73	0.63	0.38	600.0	74	0.41	0.24	600.0
	75	0.44	0.26	600.0	76	0.55	0.33	600.0	83	0.25	0.01	40.0
	85	0.38	0.14	360.0	86	0.46	0.17	358.9	87	0.57	0.20	358.9
	90	0.68	0.24	360.0	95	0.22	0.03	143.0	97	0.68	0.24	360.0
	100	0.56	0.20	358.9	101	0.70	0.10	141.9	102	0.31	0.06	200.0
	103	0.32	0.06	200.0	104	0.29	0.03	103.0	105	0.28	0.03	103.0
	106	0.38	0.08	200.0	107	0.38	0.08	200.0	108	0.82	0.29	360.0
	109	0.82	0.30	360.0	212	0.07	0.03	360.0	213	0.10	0.04	360.0
	214	0.09	0.03	360.0	215	0.12	6.27e-03	51.4	216	0.06	0.02	360.0

	218	0.10	0.03	360.0	231	0.105.09e-03	51.4	238	0.094.84e-03	51.4		
	245	0.105.14e-03		51.4	252	0.105.11e-03	51.4	256	0.37	0.02	51.4	
	257	0.105.09e-03		51.4	258	0.105.24e-03	51.4	262	0.147.05e-03		51.4	
	266	0.157.61e-03		51.4	269	0.147.33e-03	51.4	270	0.199.94e-03		51.4	
	271	0.41	0.02	51.4	272	0.199.68e-03	51.4					
64	1	0.72	0.43	600.0	2	0.65	0.39	600.0	8	0.30	0.18	600.0
	9	0.24	0.09	360.0	10	0.24	0.14	600.0	13	0.35	0.21	600.0
	15	0.46	0.16	360.0	17	0.43	0.16	360.0	18	0.37	0.13	360.0
	20	0.40	0.14	360.0	21	0.46	0.17	360.0	22	0.31	0.01	40.0
	23	0.53	0.19	360.0	27	0.27	0.10	360.0	30	0.29	0.10	360.0
	32	0.31	0.11	360.0	36	0.29	0.07	240.0	39	0.36	0.13	360.0
	41	0.40	0.14	360.0	43	0.46	0.17	360.0	45	0.64	0.14	217.0
	48	0.18	0.04	240.0	53	0.21	0.03	143.0	58	0.40	0.10	240.0
	59	0.43	0.15	360.0	73	0.26	0.16	600.0	74	0.76	0.46	600.0
	75	0.81	0.49	600.0	76	0.22	0.13	600.0	83	0.28	0.01	40.0
	85	0.39	0.14	360.0	86	0.61	0.22	358.9	87	0.71	0.25	358.9
	90	0.83	0.30	360.0	95	0.21	0.03	143.0	97	0.78	0.28	360.0
	100	0.65	0.23	358.9	101	0.40	0.06	141.9	102	0.33	0.07	200.0
	103	0.32	0.06	200.0	104	0.24	0.02	103.0	105	0.24	0.02	103.0
	106	0.40	0.08	200.0	107	0.40	0.08	200.0	108	0.93	0.34	360.0
	109	0.98	0.35	360.0	212	0.10	0.03	360.0	213	0.10	0.04	360.0
	214	9.88e-03	3.56e-03	360.0	215	0.062.93e-03	51.4	216	0.05	0.02	360.0	
	218	0.05	0.02	360.0	231	0.021.21e-03	51.4	238	0.021.17e-03		51.4	
	245	0.021.13e-03		51.4	252	0.021.09e-03	51.4	256	0.062.88e-03		51.4	
	257	0.052.82e-03		51.4	258	0.084.34e-03	51.4	262	0.052.33e-03		51.4	
	266	0.041.86e-03		51.4	269	0.021.21e-03	51.4	270	0.052.35e-03		51.4	
	271	0.028.12e-04		51.4	272	0.157.75e-03	51.4					
65	1	0.55	0.33	600.0	2	0.52	0.31	600.0	8	0.26	0.16	600.0
	9	0.31	0.11	360.0	10	0.35	0.21	600.0	13	0.32	0.19	600.0
	15	0.30	0.11	360.0	17	0.30	0.11	360.0	18	0.30	0.11	360.0
	20	0.30	0.11	360.0	21	0.32	0.12	360.0	22	0.249.72e-03		40.0
	23	0.32	0.11	360.0	27	0.44	0.16	360.0	30	0.31	0.11	360.0
	32	0.30	0.11	360.0	36	0.22	0.05	240.0	39	0.21	0.07	360.0
	41	0.21	0.08	360.0	43	0.30	0.11	360.0	45	0.26	0.06	217.0
	48	0.25	0.06	240.0	53	0.15	0.02	143.0	58	0.27	0.07	240.0
	59	0.22	0.08	360.0	73	0.35	0.21	600.0	74	0.65	0.39	600.0
	75	0.66	0.40	600.0	76	0.32	0.19	600.0	83	0.249.45e-03		40.0
	85	0.30	0.11	360.0	86	0.38	0.14	358.9	87	0.44	0.16	358.9
	90	0.52	0.19	360.0	95	0.20	0.03	143.0	97	0.53	0.19	360.0
	100	0.45	0.16	358.9	101	0.59	0.08	141.9	102	0.25	0.05	200.0
	103	0.26	0.05	200.0	104	0.15	0.02	103.0	105	0.16	0.02	103.0
	106	0.27	0.05	200.0	107	0.27	0.05	200.0	108	0.61	0.22	360.0
	109	0.60	0.22	360.0	212	0.04	0.02	360.0	213	0.07	0.03	360.0
	214	0.07	0.03	360.0	215	0.126.21e-03	51.4	216	0.04	0.02	360.0	
	218	0.07	0.03	360.0	231	0.031.76e-03	51.4	238	0.111.58e-03		51.4	
	245	0.111.5.65e-03		51.4	252	0.111.5.70e-03	51.4	256	0.084.03e-03		51.4	
	257	0.094.78e-03		51.4	258	0.084.19e-03	51.4	262	0.126.26e-03		51.4	
	266	0.083.97e-03		51.4	269	0.157.95e-03	51.4	270	0.136.44e-03		51.4	
	271	0.157.64e-03		51.4	272	0.189.35e-03	51.4					
66	1	0.54	0.33	600.0	2	0.34	0.20	600.0	8	0.33	0.20	600.0
	9	0.22	0.08	360.0	10	0.56	0.33	600.0	13	0.38	0.23	600.0
	15	0.23	0.08	360.0	17	0.17	0.06	360.0	18	0.17	0.06	360.0
	20	0.23	0.08	360.0	21	0.32	0.11	360.0	22	0.54	0.02	40.0
	23	0.32	0.12	360.0	27	0.22	0.08	360.0	30	0.18	0.06	360.0
	32	0.22	0.08	360.0	36	0.15	0.04	240.0	39	0.32	0.11	360.0
	41	0.30	0.11	360.0	43	0.23	0.08	360.0	45	0.45	0.10	217.0
	48	0.26	0.06	240.0	53	0.071.00e-02	143.0	58	0.27	0.06	240.0	
	59	0.32	0.11	360.0	73	0.50	0.30	600.0	74	0.51	0.30	600.0
	75	0.59	0.35	600.0	76	0.35	0.21	600.0	83	0.228.60e-03		40.0
	85	0.17	0.06	360.0	86	0.40	0.14	358.9	87	0.51	0.18	358.9
	90	0.60	0.21	360.0	95	0.13	0.02	143.0	97	0.56	0.20	360.0
	100	0.48	0.17	358.9	101	0.31	0.04	141.9	102	0.26	0.05	200.0
	103	0.29	0.06	200.0	104	0.088.27e-03	103.0	105	0.11	0.01	103.0	
	106	0.32	0.06	200.0	107	0.29	0.06	200.0	108	0.67	0.24	360.0
	109	0.69	0.25	360.0	212	0.039.01e-03	360.0	213	0.026.27e-03		360.0	
	214	6.73e-03	2.42e-03	360.0	215	0.052.73e-03	51.4	216	0.027.56e-03		360.0	
	218	0.014.42e-03		360.0	231	0.016.85e-04	51.4	238	0.016.41e-04		51.4	
	245	0.015.61e-04		51.4	252	9.14e-03	4.70e-04	51.4	256	0.063.18e-03		51.4
	257	5.35e-03	2.75e-04	51.4	258	0.094.70e-03	51.4	262	0.052.79e-03		51.4	
	266	0.052.33e-03		51.4	269	0.031.69e-03	51.4	270	0.017.16e-04		51.4	
	271	0.052.36e-03		51.4	272	0.111.5.7e-03	51.4					
67	1	0.41	0.24	600.0	2	0.37	0.22	600.0	8	0.33	0.20	600.0
	9	0.42	0.15	360.0	10	0.54	0.33	600.0	13	0.28	0.17	600.0
	15	0.42	0.15	360.0	17	0.43	0.16	360.0	18	0.42	0.15	360.0
	20	0.40	0.14	360.0	21	0.40	0.15	360.0	22	0.35	0.01	40.0
	23	0.42	0.15	360.0	27	0.48	0.17	360.0	30	0.42	0.15	360.0
	32	0.39	0.14	360.0	36	0.23	0.06	240.0	39	0.29	0.10	360.0

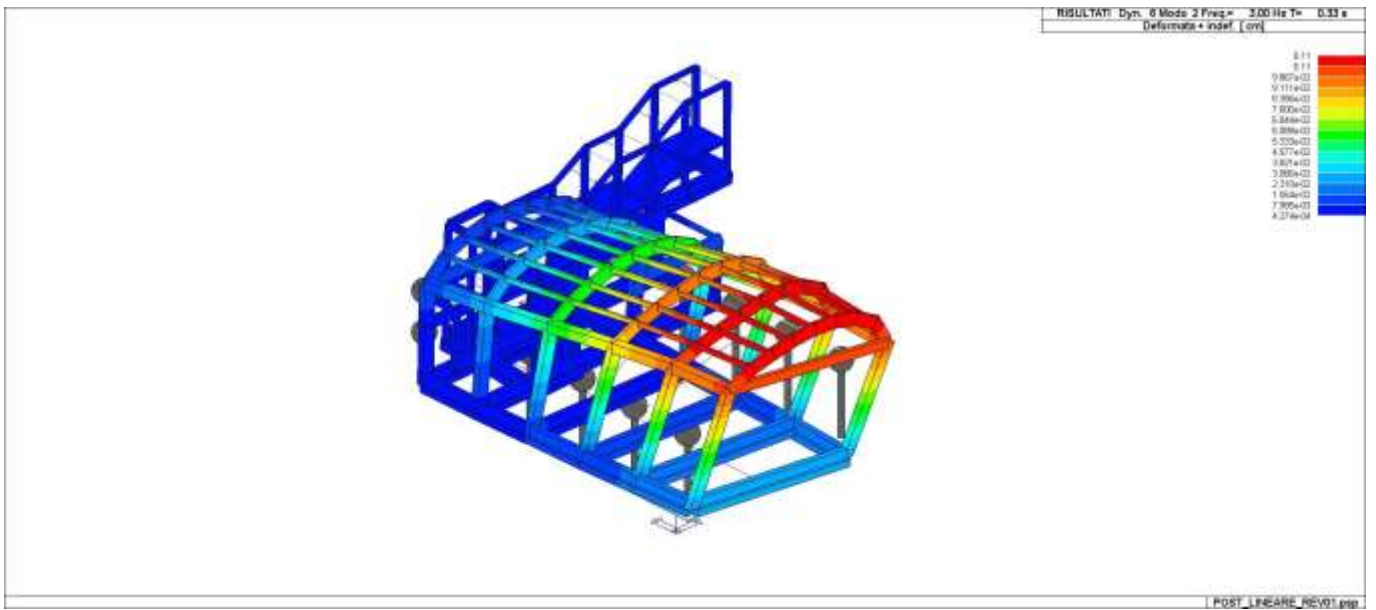
	41	0.26	0.09	360.0	43	0.42	0.15	360.0	45	0.35	0.08	217.0
	48	0.42	0.10	240.0	53	0.20	0.03	143.0	58	0.26	0.06	240.0
	59	0.28	0.10	360.0	73	0.63	0.38	600.0	74	0.40	0.24	600.0
	75	0.44	0.26	600.0	76	0.55	0.33	600.0	83	0.27	0.01	40.0
	85	0.43	0.15	360.0	86	0.51	0.18	358.9	87	0.55	0.20	358.9
	90	0.65	0.24	360.0	95	0.23	0.03	143.0	97	0.68	0.25	360.0
	100	0.58	0.21	358.9	101	0.73	0.10	141.9	102	0.31	0.06	200.0
	103	0.30	0.06	200.0	104	0.24	0.02	103.0	105	0.28	0.03	103.0
	106	0.36	0.07	200.0	107	0.37	0.07	200.0	108	0.80	0.29	360.0
	109	0.77	0.28	360.0	212	0.06	0.02	360.0	213	0.10	0.04	360.0
	214	0.09	0.03	360.0	215	0.136.85e-03		51.4	216	0.05	0.02	360.0
	218	0.09	0.03	360.0	231	0.084.14e-03		51.4	238	0.115.43e-03		51.4
	245	0.105.39e-03		51.4	252	0.105.36e-03		51.4	256	0.168.21e-03		51.4
	257	0.115.48e-03		51.4	258	0.126.03e-03		51.4	262	0.167.99e-03		51.4
	266	0.157.47e-03		51.4	269	0.157.93e-03		51.4	270	0.157.72e-03		51.4
	271	0.20	0.01	51.4	272	0.168.36e-03		51.4				
68	1	0.70	0.42	600.0	2	0.59	0.35	600.0	8	0.23	0.14	600.0
	9	0.27	0.10	360.0	10	0.30	0.18	600.0	13	0.34	0.20	600.0
	15	0.29	0.10	360.0	17	0.25	0.09	360.0	18	0.25	0.09	360.0
	20	0.29	0.10	360.0	21	0.37	0.13	360.0	22	0.59	0.02	40.0
	23	0.37	0.13	360.0	27	0.36	0.13	360.0	30	0.31	0.11	360.0
	32	0.32	0.12	360.0	36	0.27	0.06	240.0	39	0.35	0.13	360.0
	41	0.39	0.14	360.0	43	0.29	0.11	360.0	45	0.49	0.11	217.0
	48	0.18	0.04	240.0	53	0.25	0.04	143.0	58	0.37	0.09	240.0
	59	0.42	0.15	360.0	73	0.28	0.17	600.0	74	0.76	0.46	600.0
	75	0.80	0.48	600.0	76	0.24	0.14	600.0	83	0.27	0.01	40.0
	85	0.25	0.09	360.0	86	0.45	0.16	358.9	87	0.66	0.24	358.9
	90	0.77	0.28	360.0	95	0.30	0.04	143.0	97	0.69	0.25	360.0
	100	0.57	0.21	358.9	101	0.43	0.06	141.9	102	0.32	0.06	200.0
	103	0.34	0.07	200.0	104	0.28	0.03	103.0	105	0.24	0.02	103.0
	106	0.41	0.08	200.0	107	0.38	0.08	200.0	108	0.84	0.30	360.0
	109	0.90	0.32	360.0	212	8.35e-033.00e-03		360.0	213	0.026.35e-03		360.0
	214	0.027.52e-03		360.0	215	0.042.31e-03		51.4	216	0.014.14e-03		360.0
	218	0.027.70e-03		360.0	231	0.021.18e-03		51.4	238	0.021.16e-03		51.4
	245	0.021.13e-03		51.4	252	0.021.11e-03		51.4	256	0.052.50e-03		51.4
	257	0.031.41e-03		51.4	258	0.073.60e-03		51.4	262	0.031.37e-03		51.4
	266	0.028.33e-04		51.4	269	5.51e-032.83e-04		51.4	270	0.021.04e-03		51.4
	271	0.084.10e-03		51.4	272	0.105.16e-03		51.4				
69	1	0.53	0.32	600.0	2	0.61	0.36	600.0	8	0.38	0.23	600.0
	9	0.34	0.12	360.0	10	0.31	0.18	600.0	13	0.36	0.22	600.0
	15	0.45	0.16	360.0	17	0.45	0.16	360.0	18	0.43	0.16	360.0
	20	0.43	0.15	360.0	21	0.43	0.16	360.0	22	0.29	0.01	40.0
	23	0.47	0.17	360.0	27	0.40	0.14	360.0	30	0.36	0.13	360.0
	32	0.34	0.12	360.0	36	0.21	0.05	240.0	39	0.21	0.08	360.0
	41	0.21	0.08	360.0	43	0.46	0.16	360.0	45	0.47	0.10	217.0
	48	0.26	0.06	240.0	53	0.15	0.02	143.0	58	0.25	0.06	240.0
	59	0.24	0.09	360.0	73	0.38	0.23	600.0	74	0.62	0.37	600.0
	75	0.61	0.37	600.0	76	0.36	0.22	600.0	83	0.25	0.01	40.0
	85	0.44	0.16	360.0	86	0.55	0.20	358.9	87	0.47	0.17	358.9
	90	0.54	0.19	360.0	95	0.18	0.03	143.0	97	0.62	0.22	360.0
	100	0.55	0.20	358.9	101	0.65	0.09	141.9	102	0.26	0.05	200.0
	103	0.25	0.05	200.0	104	0.17	0.02	103.0	105	0.22	0.02	103.0
	106	0.27	0.05	200.0	107	0.28	0.06	200.0	108	0.69	0.25	360.0
	109	0.61	0.22	360.0	212	0.09	0.03	360.0	213	0.10	0.04	360.0
	214	0.08	0.03	360.0	215	0.136.74e-03		51.4	216	0.07	0.02	360.0
	218	0.09	0.03	360.0	231	0.031.39e-03		51.4	238	0.115.73e-03		51.4
	245	0.115.62e-03		51.4	252	0.115.79e-03		51.4	256	0.063.24e-03		51.4
	257	0.115.56e-03		51.4	258	0.105.08e-03		51.4	262	0.147.14e-03		51.4
	266	0.063.15e-03		51.4	269	0.157.85e-03		51.4	270	0.168.31e-03		51.4
	271	0.136.91e-03		51.4	272	0.20	0.01	51.4				
70	1	0.52	0.31	600.0	2	0.34	0.20	600.0	8	0.30	0.18	600.0
	9	0.22	0.08	360.0	10	0.55	0.33	600.0	13	0.36	0.21	600.0
	15	0.23	0.08	360.0	17	0.17	0.06	360.0	18	0.16	0.06	360.0
	20	0.22	0.08	360.0	21	0.31	0.11	360.0	22	0.54	0.02	40.0
	23	0.32	0.11	360.0	27	0.31	0.11	360.0	30	0.17	0.06	360.0
	32	0.22	0.08	360.0	36	0.14	0.03	240.0	39	0.31	0.11	360.0
	41	0.30	0.11	360.0	43	0.23	0.08	360.0	45	0.44	0.10	217.0
	48	0.28	0.07	240.0	53	0.09	0.01	143.0	58	0.27	0.07	240.0
	59	0.31	0.11	360.0	73	0.51	0.31	600.0	74	0.49	0.30	600.0
	75	0.56	0.34	600.0	76	0.38	0.23	600.0	83	0.218.48e-03		40.0
	85	0.16	0.06	360.0	86	0.39	0.14	358.9	87	0.50	0.18	358.9
	90	0.58	0.21	360.0	95	0.14	0.02	143.0	97	0.55	0.20	360.0
	100	0.46	0.17	358.9	101	0.30	0.04	141.9	102	0.26	0.05	200.0
	103	0.28	0.06	200.0	104	0.077.34e-03		103.0	105	0.10	0.01	103.0
	106	0.31	0.06	200.0	107	0.28	0.06	200.0	108	0.65	0.23	360.0
	109	0.67	0.24	360.0	212	0.039.25e-03		360.0	213	0.026.16e-03		360.0
	214	5.69e-032.05e-03		360.0	215	0.052.74e-03		51.4	216	0.027.77e-03		360.0

	218	0.014.20e-03	360.0	231	0.016.78e-04	51.4	238	0.016.18e-04	51.4			
	245	0.015.27e-04	51.4	252	8.35e-034.29e-04	51.4	256	0.073.44e-03	51.4			
	257	5.51e-032.84e-04	51.4	258	0.094.73e-03	51.4	262	0.052.80e-03	51.4			
	266	0.052.34e-03	51.4	269	0.031.70e-03	51.4	270	0.041.83e-03	51.4			
	271	0.031.66e-03	51.4	272	0.115.58e-03	51.4						
71	1	0.39	0.23	600.0	2	0.37	0.22	600.0	8	0.33	0.20	600.0
	9	0.43	0.15	360.0	10	0.54	0.32	600.0	13	0.28	0.17	600.0
	15	0.42	0.15	360.0	17	0.44	0.16	360.0	18	0.42	0.15	360.0
	20	0.40	0.14	360.0	21	0.41	0.15	360.0	22	0.35	0.01	40.0
	23	0.42	0.15	360.0	27	0.38	0.14	360.0	30	0.43	0.15	360.0
	32	0.39	0.14	360.0	36	0.23	0.06	240.0	39	0.30	0.11	360.0
	41	0.25	0.09	360.0	43	0.42	0.15	360.0	45	0.35	0.08	217.0
	48	0.45	0.11	240.0	53	0.18	0.03	143.0	58	0.25	0.06	240.0
	59	0.29	0.10	360.0	73	0.64	0.39	600.0	74	0.39	0.23	600.0
	75	0.41	0.25	600.0	76	0.57	0.34	600.0	83	0.27	0.01	40.0
	85	0.43	0.16	360.0	86	0.52	0.19	358.9	87	0.56	0.20	358.9
	90	0.67	0.24	360.0	95	0.22	0.03	143.0	97	0.70	0.25	360.0
	100	0.59	0.21	358.9	101	0.74	0.10	141.9	102	0.32	0.06	200.0
	103	0.31	0.06	200.0	104	0.25	0.03	103.0	105	0.29	0.03	103.0
	106	0.37	0.07	200.0	107	0.38	0.08	200.0	108	0.82	0.30	360.0
	109	0.80	0.29	360.0	212	0.06	0.02	360.0	213	0.10	0.04	360.0
	214	0.09	0.03	360.0	215	0.136.86e-03	51.4	216	0.05	0.02	360.0	
	218	0.09	0.03	360.0	231	0.084.16e-03	51.4	238	0.115.41e-03	51.4		
	245	0.105.36e-03	51.4	252	0.105.32e-03	51.4	256	0.168.48e-03	51.4			
	257	0.115.53e-03	51.4	258	0.126.07e-03	51.4	262	0.168.02e-03	51.4			
	266	0.147.40e-03	51.4	269	0.157.82e-03	51.4	270	0.19	0.01	51.4		
	271	0.178.64e-03	51.4	272	0.168.46e-03	51.4						
72	1	0.72	0.43	600.0	2	0.58	0.35	600.0	8	0.23	0.14	600.0
	9	0.27	0.10	360.0	10	0.31	0.18	600.0	13	0.34	0.20	600.0
	15	0.29	0.11	360.0	17	0.25	0.09	360.0	18	0.25	0.09	360.0
	20	0.29	0.10	360.0	21	0.37	0.13	360.0	22	0.59	0.02	40.0
	23	0.38	0.14	360.0	27	0.29	0.10	360.0	30	0.31	0.11	360.0
	32	0.32	0.12	360.0	36	0.28	0.07	240.0	39	0.36	0.13	360.0
	41	0.39	0.14	360.0	43	0.30	0.11	360.0	45	0.49	0.11	217.0
	48	0.17	0.04	240.0	53	0.24	0.03	143.0	58	0.37	0.09	240.0
	59	0.43	0.15	360.0	73	0.27	0.16	600.0	74	0.78	0.47	600.0
	75	0.83	0.50	600.0	76	0.23	0.14	600.0	83	0.27	0.01	40.0
	85	0.26	0.09	360.0	86	0.46	0.17	358.9	87	0.67	0.24	358.9
	90	0.78	0.28	360.0	95	0.30	0.04	143.0	97	0.71	0.26	360.0
	100	0.58	0.21	358.9	101	0.44	0.06	141.9	102	0.32	0.06	200.0
	103	0.35	0.07	200.0	104	0.28	0.03	103.0	105	0.24	0.03	103.0
	106	0.42	0.08	200.0	107	0.39	0.08	200.0	108	0.86	0.31	360.0
	109	0.92	0.33	360.0	212	8.36e-033.01e-03	360.0	213	0.027.85e-03	360.0		
	214	0.028.68e-03	360.0	215	0.042.30e-03	51.4	216	0.014.10e-03	360.0			
	218	0.028.94e-03	360.0	231	0.021.18e-03	51.4	238	0.021.17e-03	51.4			
	245	0.021.15e-03	51.4	252	0.021.13e-03	51.4	256	0.052.75e-03	51.4			
	257	0.031.42e-03	51.4	258	0.073.56e-03	51.4	262	0.031.36e-03	51.4			
	266	0.028.23e-04	51.4	269	3.74e-031.92e-04	51.4	270	0.052.77e-03	51.4			
	271	0.063.06e-03	51.4	272	0.105.25e-03	51.4						
73	1	0.55	0.33	600.0	2	0.60	0.36	600.0	8	0.35	0.21	600.0
	9	0.34	0.12	360.0	10	0.31	0.19	600.0	13	0.33	0.20	600.0
	15	0.45	0.16	360.0	17	0.45	0.16	360.0	18	0.43	0.15	360.0
	20	0.43	0.15	360.0	21	0.43	0.15	360.0	22	0.29	0.01	40.0
	23	0.47	0.17	360.0	27	0.50	0.18	360.0	30	0.36	0.13	360.0
	32	0.34	0.12	360.0	36	0.22	0.05	240.0	39	0.21	0.07	360.0
	41	0.21	0.08	360.0	43	0.46	0.16	360.0	45	0.46	0.10	217.0
	48	0.24	0.06	240.0	53	0.17	0.02	143.0	58	0.26	0.06	240.0
	59	0.23	0.08	360.0	73	0.37	0.22	600.0	74	0.63	0.38	600.0
	75	0.64	0.38	600.0	76	0.34	0.20	600.0	83	0.259.88e-03	40.0	
	85	0.43	0.16	360.0	86	0.55	0.20	358.9	87	0.46	0.17	358.9
	90	0.52	0.19	360.0	95	0.19	0.03	143.0	97	0.61	0.22	360.0
	100	0.54	0.20	358.9	101	0.64	0.09	141.9	102	0.26	0.05	200.0
	103	0.24	0.05	200.0	104	0.16	0.02	103.0	105	0.21	0.02	103.0
	106	0.25	0.05	200.0	107	0.27	0.05	200.0	108	0.67	0.24	360.0
	109	0.59	0.21	360.0	212	0.09	0.03	360.0	213	0.11	0.04	360.0
	214	0.08	0.03	360.0	215	0.136.73e-03	51.4	216	0.06	0.02	360.0	
	218	0.09	0.03	360.0	231	0.031.39e-03	51.4	238	0.115.75e-03	51.4		
	245	0.115.62e-03	51.4	252	0.115.83e-03	51.4	256	0.063.03e-03	51.4			
	257	0.115.52e-03	51.4	258	0.105.04e-03	51.4	262	0.147.11e-03	51.4			
	266	0.063.22e-03	51.4	269	0.157.95e-03	51.4	270	0.126.16e-03	51.4			
	271	0.168.49e-03	51.4	272	0.20	0.01	51.4					

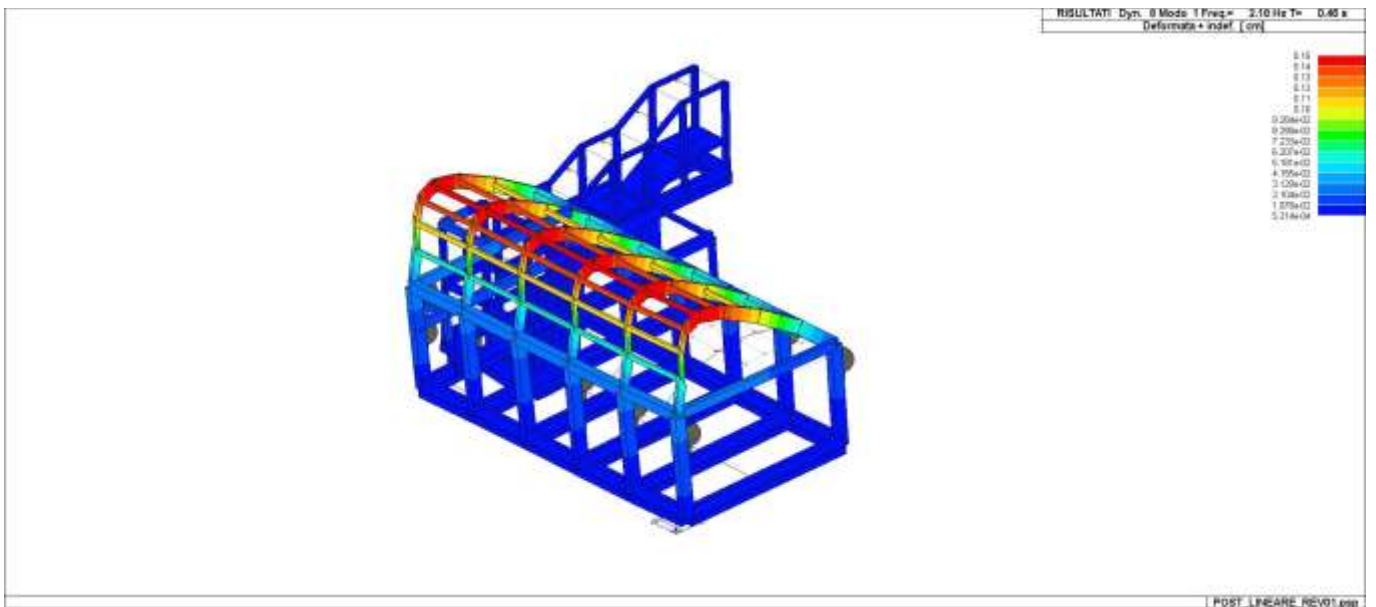
Cmb

1000 etaT/h

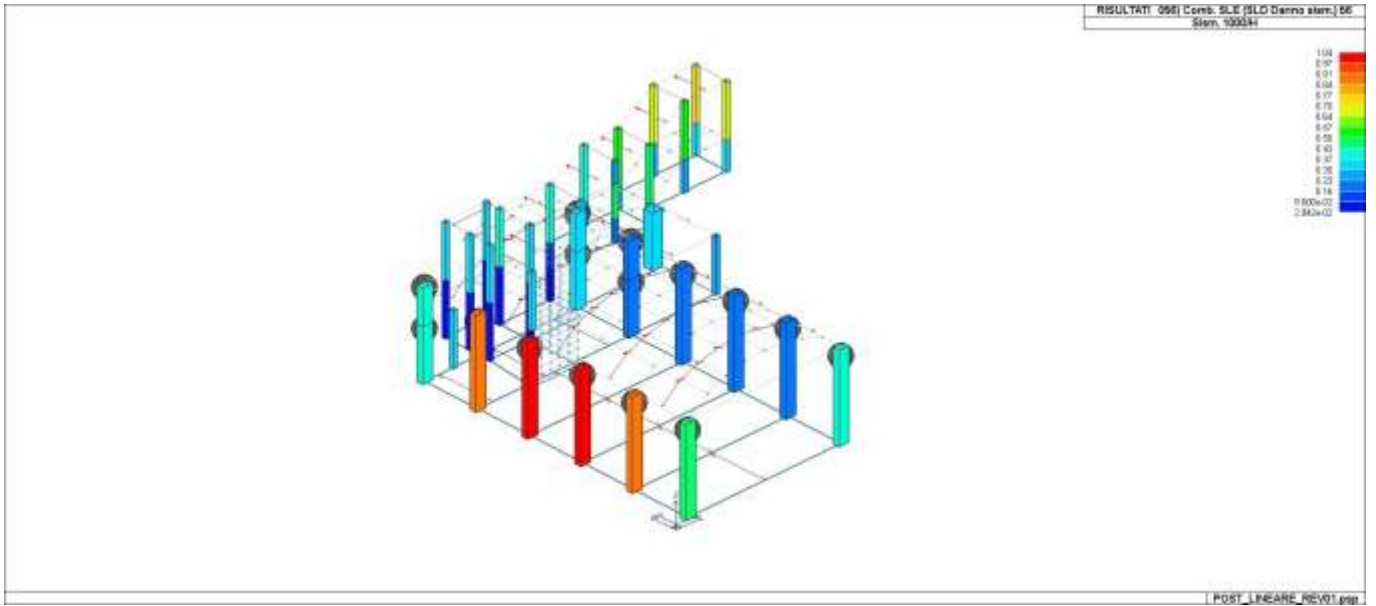
1.04



31_RIS_MODALOX_002_CDC=Ed (dinamico SLU) alfa=0.0 (ecc. +)



31_RIS_MODALOY_001_CDC=Ed (dinamico SLU) alfa=90.00 (ecc. +)



31_RIS_SLE_056_Comb. SLE (SLD Danno sism.) 56

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	Cmb	Traslazione X cm	Traslazione Y cm	Traslazione Z cm	Rotazione X	Rotazione Y	Rotazione Z
1	1	-6.25e-04	-1.98e-03	-0.84	-2.12e-05	-3.77e-04	2.65e-05
1	7	-4.25e-04	-1.43e-03	-0.63	-1.33e-05	-2.96e-04	2.08e-05
1	13	-0.03	-1.28e-03	-0.66	1.11e-04	-5.98e-04	-1.48e-05
1	35	0.02	-0.02	-0.59	7.53e-05	-2.94e-04	2.20e-05
1	45	-0.03	-1.28e-03	-0.66	1.11e-04	-5.98e-04	-1.48e-05
1	67	0.02	-0.02	-0.59	7.53e-05	-2.94e-04	2.20e-05
1	74	-1.70e-04	-9.95e-04	-0.57	0.0	-3.26e-04	2.25e-05
1	75	-1.70e-04	-9.95e-04	-0.57	0.0	-3.26e-04	2.25e-05
1	76	-1.70e-04	-9.95e-04	-0.57	0.0	-3.26e-04	2.25e-05
2	1	-0.01	0.02	-0.85	-1.29e-04	2.54e-04	6.11e-04
2	3	-0.02	0.02	-0.81	-1.33e-04	2.86e-04	8.67e-04
2	5	-0.01	0.02	-0.76	-1.10e-04	2.70e-04	6.49e-04
2	7	-8.79e-03	0.01	-0.64	-9.66e-05	1.97e-04	4.75e-04
2	8	-0.01	0.01	-0.61	-9.92e-05	2.19e-04	6.46e-04
2	9	-9.36e-03	0.02	-0.58	-8.40e-05	2.08e-04	5.00e-04
2	13	-0.38	0.01	-0.67	3.63e-05	-2.89e-04	7.46e-04
2	17	-0.38	0.01	-0.67	3.47e-05	-2.89e-04	7.38e-04
2	28	-0.06	0.22	-0.56	-2.25e-04	-2.65e-05	6.53e-04
2	45	-0.38	0.01	-0.67	3.63e-05	-2.89e-04	7.46e-04
2	49	-0.38	0.01	-0.67	3.47e-05	-2.87e-04	7.38e-04
2	60	-0.06	0.22	-0.56	-2.25e-04	-2.65e-05	6.53e-04
2	74	-9.36e-03	0.02	-0.58	-8.40e-05	2.08e-04	5.00e-04
2	75	-9.36e-03	0.02	-0.58	-8.40e-05	2.08e-04	5.00e-04
2	76	-9.36e-03	0.02	-0.58	-8.40e-05	2.08e-04	5.00e-04
3	1	-3.55e-03	-2.92e-03	-0.57	-3.76e-05	-2.13e-04	-1.71e-05
3	7	-2.63e-03	-2.06e-03	-0.43	-3.01e-05	-1.62e-04	-1.37e-05
3	19	0.02	-0.01	-0.46	1.35e-05	-5.09e-05	-3.95e-05
3	24	-0.02	0.01	-0.34	-8.60e-05	-2.45e-04	0.0
3	39	6.77e-03	-0.03	-0.45	1.73e-05	-6.73e-05	-1.21e-05
3	51	0.02	-0.01	-0.46	1.35e-05	-5.09e-05	-3.95e-05
3	56	-0.02	0.01	-0.34	-8.60e-05	-2.45e-04	0.0
3	71	6.77e-03	-0.03	-0.45	1.73e-05	-6.73e-05	-1.21e-05
3	74	-2.28e-03	-1.15e-03	-0.40	-3.60e-05	-1.49e-04	-1.62e-05
3	75	-2.28e-03	-1.15e-03	-0.40	-3.60e-05	-1.49e-04	-1.62e-05
3	76	-2.28e-03	-1.15e-03	-0.40	-3.60e-05	-1.49e-04	-1.62e-05
4	1	5.07e-03	4.30e-03	-0.58	-9.06e-05	-1.06e-03	5.28e-05
4	3	0.04	0.03	-0.55	-1.42e-04	-8.95e-04	9.03e-05
4	7	5.89e-03	5.75e-03	-0.44	-7.48e-05	-7.81e-04	4.24e-05
4	8	0.03	0.02	-0.42	-1.09e-04	-6.74e-04	6.74e-05
4	19	0.11	-0.05	-0.46	4.68e-05	-6.69e-04	5.94e-06
4	23	0.12	-0.05	-0.46	4.82e-05	-6.67e-04	0.0
4	32	-0.03	0.15	-0.35	-3.98e-04	-6.81e-04	2.05e-06
4	51	0.11	-0.05	-0.46	4.68e-05	-6.69e-04	5.94e-06
4	55	0.12	-0.05	-0.46	4.82e-05	-6.67e-04	0.0
4	64	-0.03	0.15	-0.35	-3.98e-04	-6.81e-04	2.05e-06
4	74	0.02	0.02	-0.41	-9.89e-05	-6.40e-04	5.03e-05
4	75	0.02	0.02	-0.41	-9.89e-05	-6.40e-04	5.03e-05

4	76	0.02	0.02	-0.41	-9.89e-05	-6.40e-04	5.03e-05
5	1	-6.66e-03	-1.82e-03	-0.91	-1.87e-05	-3.59e-04	-2.46e-05
5	3	-7.09e-03	-1.30e-03	-0.88	-2.03e-05	-6.16e-04	-3.68e-05
5	7	-4.99e-03	-1.32e-03	-0.69	-1.76e-05	-2.92e-04	-1.94e-05
5	8	-5.27e-03	-9.80e-04	-0.67	-1.86e-05	-4.64e-04	-2.76e-05
5	24	-0.02	-8.46e-04	-0.67	-9.35e-05	-5.28e-04	0.0
5	35	4.45e-03	-0.02	-0.60	2.88e-05	-2.99e-04	-2.10e-05
5	56	-0.02	-8.46e-04	-0.67	-9.35e-05	-5.28e-04	0.0
5	67	4.45e-03	-0.02	-0.60	2.88e-05	-2.99e-04	-2.10e-05
5	74	-4.47e-03	-1.01e-03	-0.63	-3.88e-05	-3.66e-04	-2.16e-05
5	75	-4.47e-03	-1.01e-03	-0.63	-3.88e-05	-3.66e-04	-2.16e-05
5	76	-4.47e-03	-1.01e-03	-0.63	-3.88e-05	-3.66e-04	-2.16e-05
6	1	-0.03	2.20e-03	-0.61	1.18e-04	-2.45e-04	1.17e-04
6	3	-0.02	0.03	-0.57	1.73e-05	-1.81e-04	1.19e-04
6	7	-0.03	4.12e-03	-0.46	7.96e-05	-1.80e-04	8.74e-05
6	8	-0.01	0.02	-0.44	1.27e-05	-1.38e-04	8.92e-05
6	19	0.08	-0.05	-0.48	2.24e-04	6.99e-05	1.11e-04
6	20	-0.12	0.08	-0.38	-1.65e-04	-3.55e-04	4.38e-05
6	32	-0.08	0.15	-0.39	-3.43e-04	-2.74e-04	1.33e-04
6	51	0.08	-0.05	-0.48	2.24e-04	6.99e-05	1.11e-04
6	52	-0.12	0.08	-0.38	-1.65e-04	-3.55e-04	4.38e-05
6	64	-0.08	0.15	-0.39	-3.43e-04	-2.74e-04	1.33e-04
6	74	-0.02	0.02	-0.43	2.98e-05	-1.42e-04	7.75e-05
6	75	-0.02	0.02	-0.43	2.98e-05	-1.42e-04	7.75e-05
6	76	-0.02	0.02	-0.43	2.98e-05	-1.42e-04	7.75e-05
7	1	0.24	-0.06	-0.88	6.11e-06	3.58e-05	-3.28e-04
7	3	0.34	-0.06	-0.84	1.49e-05	3.73e-06	-4.70e-04
7	7	0.19	-0.05	-0.66	7.03e-06	2.18e-05	-2.55e-04
7	8	0.26	-0.05	-0.63	1.29e-05	0.0	-3.50e-04
7	11	0.53	-0.13	-0.65	9.01e-05	5.45e-04	-5.52e-04
7	15	0.51	-0.14	-0.65	9.32e-05	5.50e-04	-6.04e-04
7	39	0.27	-0.22	-0.62	1.10e-04	1.19e-04	-4.34e-04
7	43	0.53	-0.13	-0.65	9.01e-05	5.45e-04	-5.52e-04
7	47	0.51	-0.14	-0.65	9.32e-05	5.50e-04	-6.04e-04
7	71	0.27	-0.22	-0.62	1.10e-04	1.19e-04	-4.34e-04
7	74	0.20	-0.04	-0.59	1.77e-05	-6.00e-06	-2.70e-04
7	75	0.20	-0.04	-0.59	1.77e-05	-6.00e-06	-2.70e-04
7	76	0.20	-0.04	-0.59	1.77e-05	-6.00e-06	-2.70e-04
8	1	-2.32e-03	-1.94e-03	-0.87	-8.90e-05	-3.27e-04	7.64e-06
8	3	-2.94e-03	-1.52e-03	-0.83	-8.87e-05	-6.24e-04	1.17e-05
8	7	-1.77e-03	-1.40e-03	-0.66	-6.49e-05	-2.72e-04	6.04e-06
8	8	-2.18e-03	-1.12e-03	-0.63	-6.46e-05	-4.70e-04	8.74e-06
8	12	-0.03	8.78e-03	-0.64	-2.85e-06	-5.69e-04	-2.23e-05
8	13	-0.02	-1.23e-03	-0.65	2.93e-05	-5.82e-04	-2.90e-05
8	35	7.11e-03	-0.02	-0.59	-1.50e-05	-3.29e-04	5.96e-06
8	44	-0.03	8.78e-03	-0.64	-2.85e-06	-5.69e-04	-2.23e-05
8	45	-0.02	-1.23e-03	-0.65	2.93e-05	-5.82e-04	-2.90e-05
8	67	7.11e-03	-0.02	-0.59	-1.50e-05	-3.29e-04	5.96e-06
8	74	-1.70e-03	-9.89e-04	-0.59	-4.78e-05	-3.68e-04	6.76e-06
8	75	-1.70e-03	-9.89e-04	-0.59	-4.78e-05	-3.68e-04	6.76e-06
8	76	-1.70e-03	-9.89e-04	-0.59	-4.78e-05	-3.68e-04	6.76e-06
9	1	-0.36	0.02	-0.93	-4.62e-05	-3.01e-04	-4.16e-04
9	3	-0.48	0.02	-0.89	-4.71e-05	-3.60e-04	-6.22e-04
9	5	-0.37	0.02	-0.83	-7.34e-05	-2.77e-04	-4.55e-04
9	7	-0.28	0.01	-0.70	-3.82e-05	-2.28e-04	-3.25e-04
9	8	-0.36	0.02	-0.68	-3.88e-05	-2.67e-04	-4.63e-04
9	9	-0.29	0.02	-0.64	-5.63e-05	-2.12e-04	-3.51e-04
9	24	-0.52	0.12	-0.68	-1.20e-04	-6.14e-04	-6.20e-04
9	28	-0.38	0.22	-0.66	-1.54e-04	-3.76e-04	-3.63e-04
9	56	-0.52	0.12	-0.68	-1.20e-04	-6.14e-04	-6.20e-04
9	60	-0.38	0.22	-0.66	-1.54e-04	-3.76e-04	-3.63e-04
9	74	-0.29	0.02	-0.64	-5.63e-05	-2.12e-04	-3.51e-04
9	75	-0.29	0.02	-0.64	-5.63e-05	-2.12e-04	-3.51e-04
9	76	-0.29	0.02	-0.64	-5.63e-05	-2.12e-04	-3.51e-04
10	1	-4.39e-03	-0.01	-0.77	1.17e-04	-2.35e-04	-5.23e-06
10	7	-3.27e-03	-8.36e-03	-0.58	8.40e-05	-1.65e-04	-4.35e-06
10	24	-0.02	6.00e-03	-0.51	1.15e-05	-1.63e-04	1.40e-05
10	39	6.16e-03	-0.03	-0.54	7.54e-05	-4.00e-05	-1.90e-05
10	56	-0.02	6.00e-03	-0.51	1.15e-05	-1.63e-04	1.40e-05
10	71	6.16e-03	-0.03	-0.54	7.54e-05	-4.00e-05	-1.90e-05
10	74	-2.88e-03	-6.03e-03	-0.52	5.07e-05	-8.97e-05	-5.86e-06
10	75	-2.88e-03	-6.03e-03	-0.52	5.07e-05	-8.97e-05	-5.86e-06
10	76	-2.88e-03	-6.03e-03	-0.52	5.07e-05	-8.97e-05	-5.86e-06
11	1	-0.28	0.02	-0.89	-5.45e-05	-1.01e-04	4.38e-04
11	3	-0.39	0.02	-0.85	-5.53e-05	-9.73e-05	6.18e-04
11	5	-0.29	0.02	-0.78	-3.50e-05	-6.49e-05	4.65e-04
11	7	-0.22	0.01	-0.67	-3.91e-05	-7.29e-05	3.41e-04

11	8	-0.29	0.02	-0.64	-3.97e-05	-7.04e-05	4.61e-04
11	9	-0.23	0.02	-0.60	-2.61e-05	-4.87e-05	3.58e-04
11	12	-0.56	0.13	-0.65	1.19e-05	-6.31e-04	6.96e-04
11	13	-0.54	0.01	-0.66	6.35e-05	-6.00e-04	6.47e-04
11	28	-0.35	0.22	-0.60	-9.30e-05	-2.71e-04	5.34e-04
11	44	-0.56	0.13	-0.65	1.19e-05	-6.31e-04	6.96e-04
11	45	-0.54	0.01	-0.66	6.35e-05	-6.00e-04	6.47e-04
11	60	-0.35	0.22	-0.60	-9.30e-05	-2.71e-04	5.34e-04
11	74	-0.23	0.02	-0.60	-2.61e-05	-4.87e-05	3.58e-04
11	75	-0.23	0.02	-0.60	-2.61e-05	-4.87e-05	3.58e-04
11	76	-0.23	0.02	-0.60	-2.61e-05	-4.87e-05	3.58e-04
12	1	9.30e-03	-0.06	-0.87	-5.69e-05	-2.60e-04	-5.79e-04
12	3	0.01	-0.06	-0.82	-5.48e-05	-3.00e-04	-8.17e-04
12	7	7.12e-03	-0.05	-0.65	-4.21e-05	-2.02e-04	-4.50e-04
12	8	8.42e-03	-0.05	-0.62	-4.07e-05	-2.29e-04	-6.09e-04
12	14	0.37	-0.03	-0.65	-2.33e-05	-2.88e-04	-7.57e-04
12	15	0.34	-0.14	-0.68	6.46e-05	2.85e-04	-7.17e-04
12	39	0.03	-0.22	-0.65	1.28e-04	-1.62e-04	-4.58e-04
12	46	0.37	-0.03	-0.65	-2.33e-05	3.28e-04	-7.57e-04
12	47	0.34	-0.14	-0.68	6.46e-05	2.85e-04	-7.17e-04
12	71	0.03	-0.22	-0.65	1.28e-04	-1.62e-04	-4.58e-04
12	74	7.03e-03	-0.04	-0.59	-3.42e-05	-2.15e-04	-4.71e-04
12	75	7.03e-03	-0.04	-0.59	-3.42e-05	-2.15e-04	-4.71e-04
12	76	7.03e-03	-0.04	-0.59	-3.42e-05	-2.15e-04	-4.71e-04
13	1	0.08	-0.06	-0.79	8.80e-05	9.48e-05	3.18e-04
13	3	0.13	-0.06	-0.73	8.80e-05	8.19e-05	4.20e-04
13	7	0.06	-0.05	-0.59	6.29e-05	6.78e-05	2.45e-04
13	8	0.09	-0.05	-0.55	6.29e-05	5.92e-05	3.14e-04
13	23	0.26	-0.14	-0.55	7.96e-05	4.84e-04	5.15e-04
13	39	0.16	-0.22	-0.55	8.10e-05	2.52e-04	3.85e-04
13	55	0.26	-0.14	-0.55	7.96e-05	4.84e-04	5.15e-04
13	71	0.16	-0.22	-0.55	8.10e-05	2.52e-04	3.85e-04
13	74	0.07	-0.04	-0.53	3.55e-05	4.53e-05	2.51e-04
13	75	0.07	-0.04	-0.53	3.55e-05	4.53e-05	2.51e-04
13	76	0.07	-0.04	-0.53	3.55e-05	4.53e-05	2.51e-04
14	1	7.52e-04	-0.02	-0.95	-4.48e-03	2.15e-05	-9.35e-05
14	4	-1.17e-03	-0.01	-0.73	-5.11e-03	1.78e-05	-7.34e-05
14	7	4.32e-04	-0.01	-0.72	-3.46e-03	1.61e-05	-6.98e-05
14	8	-7.84e-04	-0.01	-0.71	-4.57e-03	1.68e-05	-6.99e-05
14	17	-0.43	-0.16	-0.66	-3.47e-03	6.99e-05	2.64e-04
14	39	0.03	-0.69	-0.70	-3.25e-03	-2.41e-05	1.04e-04
14	49	-0.43	-0.16	-0.66	-3.47e-03	6.99e-05	2.64e-04
14	71	0.03	-0.69	-0.70	-3.25e-03	-2.41e-05	1.04e-04
14	74	-1.54e-04	-4.20e-03	-0.65	-3.49e-03	1.45e-05	-6.08e-05
14	75	-1.54e-04	-4.20e-03	-0.65	-3.49e-03	1.45e-05	-6.08e-05
14	76	-1.54e-04	-4.20e-03	-0.65	-3.49e-03	1.45e-05	-6.08e-05
15	1	4.45e-04	-0.01	-0.87	-3.76e-05	3.07e-04	-4.74e-06
15	7	3.20e-04	-7.67e-03	-0.66	-2.56e-05	2.56e-04	-3.55e-06
15	11	0.02	-0.02	-0.64	5.45e-05	5.64e-04	2.58e-05
15	15	0.02	-0.02	-0.64	5.74e-05	5.66e-04	2.60e-05
15	39	8.50e-03	-0.03	-0.61	5.53e-05	4.38e-04	-2.00e-05
15	43	0.02	-0.02	-0.64	5.45e-05	5.64e-04	2.58e-05
15	47	0.02	-0.02	-0.64	5.74e-05	5.66e-04	2.60e-05
15	71	8.50e-03	-0.03	-0.61	5.53e-05	4.38e-04	-2.00e-05
15	74	2.18e-04	-5.46e-03	-0.59	-9.75e-06	3.50e-04	-3.11e-06
15	75	2.18e-04	-5.46e-03	-0.59	-9.75e-06	3.50e-04	-3.11e-06
15	76	2.18e-04	-5.46e-03	-0.59	-9.75e-06	3.50e-04	-3.11e-06
16	1	-1.50e-03	-0.01	-0.86	3.18e-05	3.97e-04	-3.20e-05
16	3	-1.60e-03	-9.09e-03	-0.81	3.53e-05	5.07e-04	-4.23e-05
16	7	-1.12e-03	-7.65e-03	-0.65	2.68e-05	3.11e-04	-2.46e-05
16	8	-1.19e-03	-6.66e-03	-0.62	2.91e-05	3.84e-04	-3.15e-05
16	13	-0.04	-5.22e-03	-0.52	1.03e-06	9.53e-05	-6.18e-05
16	15	0.03	-0.02	-0.67	1.31e-04	6.13e-04	1.17e-05
16	39	0.01	-0.03	-0.65	1.53e-04	4.66e-04	-2.12e-05
16	45	-0.04	-5.22e-03	-0.52	1.03e-06	9.53e-05	-6.18e-05
16	47	0.03	-0.02	-0.67	1.31e-04	6.13e-04	1.17e-05
16	71	0.01	-0.03	-0.65	1.53e-04	4.66e-04	-2.12e-05
16	74	-9.59e-04	-5.44e-03	-0.58	3.78e-05	3.38e-04	-2.45e-05
16	75	-9.59e-04	-5.44e-03	-0.58	3.78e-05	3.38e-04	-2.45e-05
16	76	-9.59e-04	-5.44e-03	-0.58	3.78e-05	3.38e-04	-2.45e-05
17	1	8.94e-03	-2.83e-03	-0.60	-8.61e-05	-1.71e-04	-3.96e-06
17	3	0.01	-8.93e-05	-0.56	-1.05e-04	-1.48e-04	-2.11e-06
17	7	7.10e-03	-1.99e-03	-0.46	-6.89e-05	-1.28e-04	-2.98e-06
17	8	9.98e-03	-1.63e-04	-0.43	-8.16e-05	-1.13e-04	-1.74e-06
17	11	0.03	-3.12e-03	-0.46	-1.81e-05	1.17e-05	-1.72e-05
17	19	0.03	-0.01	-0.46	-1.06e-05	1.48e-05	-1.91e-05
17	39	0.02	-0.03	-0.45	2.63e-05	-4.30e-05	-1.54e-05

17	43	0.03	-3.12e-03	-0.46	-1.81e-05	1.17e-05	-1.72e-05
17	51	0.03	-0.01	-0.46	-1.06e-05	1.48e-05	-1.91e-05
17	71	0.02	-0.03	-0.45	2.63e-05	-4.38e-05	-1.54e-05
17	74	8.12e-03	-1.08e-03	-0.42	-8.14e-05	-1.12e-04	-2.84e-06
17	75	8.12e-03	-1.08e-03	-0.42	-8.14e-05	-1.12e-04	-2.84e-06
17	76	8.12e-03	-1.08e-03	-0.42	-8.14e-05	-1.12e-04	-2.84e-06
18	1	-0.01	-0.01	-0.63	2.21e-04	-5.38e-05	6.16e-05
18	3	-0.01	-0.01	-0.59	1.91e-04	-4.56e-05	7.58e-05
18	7	-0.01	-9.94e-03	-0.48	1.63e-04	-3.97e-05	4.75e-05
18	8	-0.01	-8.77e-03	-0.45	1.43e-04	-3.43e-05	5.69e-05
18	20	-0.04	4.48e-03	-0.47	6.73e-05	-1.42e-04	9.78e-05
18	39	-0.01	-0.03	-0.41	2.58e-04	-4.00e-05	6.01e-05
18	40	-5.59e-03	0.02	-0.49	4.52e-06	-2.46e-05	3.48e-05
18	52	-0.04	4.48e-03	-0.47	6.73e-05	-1.42e-04	9.78e-05
18	71	-0.01	-0.03	-0.41	2.58e-04	-4.00e-05	6.01e-05
18	72	-5.59e-03	0.02	-0.49	4.52e-06	-2.46e-05	3.48e-05
18	74	-8.52e-03	-7.52e-03	-0.45	1.31e-04	-3.23e-05	4.75e-05
18	75	-8.52e-03	-7.52e-03	-0.45	1.31e-04	-3.23e-05	4.75e-05
18	76	-8.52e-03	-7.52e-03	-0.45	1.31e-04	-3.23e-05	4.75e-05
19	1	-0.08	-0.05	-0.63	2.95e-04	3.81e-06	5.24e-05
19	3	-0.08	-0.05	-0.59	2.51e-04	-4.80e-06	7.89e-05
19	7	-0.06	-0.04	-0.48	2.17e-04	1.88e-06	4.11e-05
19	8	-0.06	-0.03	-0.45	1.88e-04	-3.86e-06	5.87e-05
19	20	-0.20	0.04	-0.47	1.80e-04	-1.07e-04	9.07e-05
19	39	-0.07	-0.17	-0.41	3.01e-04	-8.04e-06	6.58e-05
19	40	-0.04	0.12	-0.49	4.84e-05	3.40e-06	2.33e-05
19	52	-0.20	0.04	-0.47	1.80e-04	-1.09e-04	9.07e-05
19	71	-0.07	-0.17	-0.41	3.01e-04	-8.04e-06	6.58e-05
19	72	-0.04	0.12	-0.49	4.84e-05	3.40e-06	2.33e-05
19	74	-0.06	-0.03	-0.45	1.75e-04	-2.32e-06	4.46e-05
19	75	-0.06	-0.03	-0.45	1.75e-04	-2.32e-06	4.46e-05
19	76	-0.06	-0.03	-0.45	1.75e-04	-2.32e-06	4.46e-05
20	1	-0.01	-0.02	-0.61	1.71e-04	-1.76e-06	2.09e-05
20	3	-0.01	-0.02	-0.57	1.52e-04	2.81e-06	2.55e-05
20	7	-0.01	-0.01	-0.47	1.26e-04	0.0	1.60e-05
20	8	-0.01	-0.01	-0.44	1.13e-04	2.83e-06	1.90e-05
20	20	-0.04	5.51e-03	-0.47	3.39e-05	-1.08e-04	-3.56e-06
20	39	-0.01	-0.04	-0.40	2.20e-04	-2.99e-06	2.97e-05
20	40	-5.70e-03	0.02	-0.48	-1.97e-05	1.31e-05	1.14e-06
20	52	-0.04	5.51e-03	-0.47	3.39e-05	-1.08e-04	-3.56e-06
20	71	-0.01	-0.04	-0.40	2.20e-04	-2.99e-06	2.97e-05
20	72	-5.70e-03	0.02	-0.48	-1.97e-05	1.31e-05	1.14e-06
20	74	-8.66e-03	-0.01	-0.44	1.00e-04	5.07e-06	1.54e-05
20	75	-8.66e-03	-0.01	-0.44	1.00e-04	5.07e-06	1.54e-05
20	76	-8.66e-03	-0.01	-0.44	1.00e-04	5.07e-06	1.54e-05
21	1	-0.08	-0.07	-0.62	2.54e-04	9.36e-06	6.39e-05
21	3	-0.08	-0.07	-0.58	2.13e-04	1.74e-05	8.94e-05
21	7	-0.06	-0.05	-0.47	1.86e-04	8.81e-06	4.97e-05
21	8	-0.06	-0.05	-0.44	1.59e-04	1.42e-05	6.67e-05
21	20	-0.20	0.04	-0.47	7.07e-05	-1.03e-04	9.48e-06
21	39	-0.07	-0.19	-0.40	2.81e-04	8.85e-06	1.31e-04
21	40	-0.04	0.10	-0.48	1.01e-05	2.35e-05	-2.71e-05
21	52	-0.20	0.04	-0.47	7.07e-05	-1.03e-04	9.48e-06
21	71	-0.07	-0.19	-0.40	2.81e-04	8.85e-06	1.31e-04
21	72	-0.04	0.10	-0.48	1.01e-05	2.35e-05	-2.71e-05
21	74	-0.06	-0.04	-0.44	1.45e-04	1.62e-05	5.22e-05
21	75	-0.06	-0.04	-0.44	1.45e-04	1.62e-05	5.22e-05
21	76	-0.06	-0.04	-0.44	1.45e-04	1.62e-05	5.22e-05
22	1	3.74e-03	-0.02	-0.68	2.21e-04	2.73e-05	3.44e-05
22	3	5.98e-03	-0.02	-0.63	1.95e-04	3.92e-05	4.26e-05
22	7	3.09e-03	-0.01	-0.52	1.64e-04	2.27e-05	2.65e-05
22	8	4.59e-03	-0.01	-0.48	1.46e-04	3.07e-05	3.19e-05
22	11	0.03	-0.03	-0.46	1.79e-04	1.19e-04	1.06e-05
22	20	-0.02	5.24e-03	-0.50	8.40e-05	-5.86e-05	4.55e-05
22	39	3.88e-03	-0.04	-0.46	2.26e-04	2.88e-05	3.33e-05
22	43	0.03	-0.03	-0.46	1.79e-04	1.19e-04	1.06e-05
22	52	-0.02	5.24e-03	-0.50	8.40e-05	-5.86e-05	4.55e-05
22	71	3.88e-03	-0.04	-0.46	2.26e-04	2.88e-05	3.33e-05
22	74	4.11e-03	-0.01	-0.48	1.34e-04	3.05e-05	2.63e-05
22	75	4.11e-03	-0.01	-0.48	1.34e-04	3.05e-05	2.63e-05
22	76	4.11e-03	-0.01	-0.48	1.34e-04	3.05e-05	2.63e-05
23	1	-0.06	-0.07	-0.69	1.57e-04	1.54e-04	5.55e-05
23	3	-0.06	-0.07	-0.64	1.48e-04	1.48e-04	8.28e-05
23	7	-0.04	-0.05	-0.52	1.16e-04	1.17e-04	4.34e-05
23	8	-0.04	-0.05	-0.49	1.10e-04	1.13e-04	6.16e-05
23	20	-0.16	0.04	-0.50	2.62e-05	7.27e-05	9.67e-05
23	39	-0.04	-0.19	-0.47	2.26e-04	1.06e-04	7.00e-05

23	52	-0.16	0.04	-0.50	2.62e-05	7.27e-05	9.67e-05
23	71	-0.04	-0.19	-0.47	2.26e-04	1.06e-04	7.00e-05
23	74	-0.04	-0.04	-0.48	9.57e-05	1.10e-04	4.68e-05
23	75	-0.04	-0.04	-0.48	9.57e-05	1.10e-04	4.68e-05
23	76	-0.04	-0.04	-0.48	9.57e-05	1.10e-04	4.68e-05
24	1	3.97e-03	-0.01	-0.70	9.58e-05	-6.36e-05	1.65e-05
24	3	6.23e-03	-0.01	-0.66	7.67e-05	-3.40e-05	2.28e-05
24	7	3.27e-03	-0.01	-0.53	6.89e-05	-4.51e-05	1.27e-05
24	8	4.77e-03	-8.88e-03	-0.50	5.61e-05	-2.54e-05	1.69e-05
24	11	0.03	-0.02	-0.49	7.43e-05	1.37e-05	1.89e-05
24	39	4.06e-03	-0.03	-0.48	1.04e-04	-4.87e-06	6.63e-06
24	40	4.51e-03	0.02	-0.51	-1.02e-05	-5.21e-05	1.86e-05
24	43	0.03	-0.02	-0.49	7.43e-05	1.37e-05	1.89e-05
24	71	4.06e-03	-0.03	-0.48	1.04e-04	-4.87e-06	6.63e-06
24	72	4.51e-03	0.02	-0.51	-1.02e-05	-5.21e-05	1.86e-05
24	74	4.28e-03	-7.64e-03	-0.50	4.68e-05	-2.85e-05	1.26e-05
24	75	4.28e-03	-7.64e-03	-0.50	4.68e-05	-2.85e-05	1.26e-05
24	76	4.28e-03	-7.64e-03	-0.50	4.68e-05	-2.85e-05	1.26e-05
25	1	-0.06	-0.05	-0.72	1.24e-04	9.11e-05	5.42e-05
25	7	-0.05	-0.04	-0.55	9.17e-05	6.91e-05	4.23e-05
25	20	-0.16	0.04	-0.52	2.52e-05	1.38e-05	1.53e-04
25	39	-0.04	-0.17	-0.49	1.77e-04	6.41e-05	8.73e-05
25	40	-0.04	0.11	-0.52	-2.71e-05	6.57e-05	2.73e-06
25	52	-0.16	0.04	-0.52	2.52e-05	1.38e-05	1.53e-04
25	71	-0.04	-0.17	-0.49	1.77e-04	6.41e-05	8.73e-05
25	72	-0.04	0.11	-0.52	-2.71e-05	6.57e-05	2.73e-06
25	74	-0.04	-0.03	-0.51	7.49e-05	6.49e-05	4.50e-05
25	75	-0.04	-0.03	-0.51	7.49e-05	6.49e-05	4.50e-05
25	76	-0.04	-0.03	-0.51	7.49e-05	6.49e-05	4.50e-05
26	1	1.81e-03	-8.19e-03	-0.68	1.01e-04	-1.62e-04	1.33e-05
26	3	3.98e-03	-4.29e-03	-0.64	6.20e-05	-1.26e-04	1.39e-05
26	7	1.60e-03	-5.86e-03	-0.52	7.15e-05	-1.20e-04	9.63e-06
26	8	3.04e-03	-3.26e-03	-0.49	4.53e-05	-9.60e-05	1.00e-05
26	11	0.02	-0.02	-0.49	9.61e-05	-6.13e-05	2.13e-05
26	34	0.01	0.02	-0.50	-3.39e-05	-1.03e-04	0.0
26	39	2.32e-03	-0.03	-0.48	1.38e-04	-7.64e-05	1.39e-05
26	43	0.02	-0.02	-0.49	9.61e-05	-6.13e-05	2.13e-05
26	66	0.01	0.02	-0.50	-3.39e-05	-1.03e-04	0.0
26	71	2.32e-03	-0.03	-0.48	1.38e-04	-7.64e-05	1.39e-05
26	74	2.57e-03	-3.87e-03	-0.49	4.25e-05	-9.96e-05	7.06e-06
26	75	2.57e-03	-3.87e-03	-0.49	4.25e-05	-9.96e-05	7.06e-06
26	76	2.57e-03	-3.87e-03	-0.49	4.25e-05	-9.96e-05	7.06e-06
27	1	-0.06	-0.03	-0.70	8.10e-05	-2.77e-04	8.19e-05
27	7	-0.05	-0.02	-0.53	5.85e-05	-2.04e-04	6.46e-05
27	20	-0.16	0.07	-0.49	-1.54e-04	-2.00e-04	1.18e-04
27	34	0.02	0.14	-0.51	-2.95e-04	-1.69e-04	2.81e-05
27	39	-0.04	-0.17	-0.49	4.27e-04	-1.39e-04	1.12e-04
27	52	-0.16	0.07	-0.49	-1.54e-04	-2.00e-04	1.18e-04
27	66	0.02	0.14	-0.51	-2.95e-04	-1.69e-04	2.81e-05
27	71	-0.04	-0.17	-0.49	4.27e-04	-1.39e-04	1.12e-04
27	74	-0.04	-9.33e-03	-0.50	4.02e-05	-1.63e-04	7.14e-05
27	75	-0.04	-9.33e-03	-0.50	4.02e-05	-1.63e-04	7.14e-05
27	76	-0.04	-9.33e-03	-0.50	4.02e-05	-1.63e-04	7.14e-05
28	1	-4.95e-03	-8.88e-03	-0.65	1.34e-04	-2.97e-04	3.52e-05
28	7	-3.50e-03	-6.38e-03	-0.49	9.61e-05	-2.21e-04	2.63e-05
28	12	-0.03	9.22e-03	-0.47	8.83e-06	-2.06e-04	1.12e-05
28	34	0.01	0.02	-0.50	-1.62e-05	-1.92e-04	1.26e-05
28	39	-3.50e-03	-0.03	-0.44	1.69e-04	-1.71e-04	3.95e-05
28	44	-0.03	9.22e-03	-0.47	8.83e-06	-2.06e-04	1.12e-05
28	66	0.01	0.02	-0.50	-1.62e-05	-1.92e-04	1.26e-05
28	71	-3.50e-03	-0.03	-0.44	1.69e-04	-1.71e-04	3.95e-05
28	74	-2.08e-03	-4.36e-03	-0.47	6.65e-05	-1.86e-04	2.32e-05
28	75	-2.08e-03	-4.36e-03	-0.47	6.65e-05	-1.86e-04	2.32e-05
28	76	-2.08e-03	-4.36e-03	-0.47	6.65e-05	-1.86e-04	2.32e-05
29	1	-0.07	-0.03	-0.66	9.03e-05	-3.44e-04	3.47e-05
29	3	-0.08	-0.01	-0.63	6.44e-05	-2.31e-04	6.26e-05
29	7	-0.06	-0.02	-0.50	6.45e-05	-2.49e-04	2.78e-05
29	8	-0.06	-0.01	-0.48	4.72e-05	-1.74e-04	4.64e-05
29	20	-0.19	0.07	-0.48	-1.41e-04	-2.58e-04	8.83e-05
29	38	0.03	0.13	-0.51	-2.97e-04	-1.27e-04	-4.63e-05
29	39	-0.06	-0.17	-0.45	4.27e-04	-1.88e-04	6.24e-05
29	52	-0.19	0.07	-0.48	-1.41e-04	-2.58e-04	8.83e-05
29	70	0.03	0.13	-0.51	-2.97e-04	-1.27e-04	-4.63e-05
29	71	-0.06	-0.17	-0.45	4.27e-04	-1.88e-04	6.24e-05
29	74	-0.05	-9.29e-03	-0.48	4.09e-05	-1.85e-04	3.24e-05
29	75	-0.05	-9.29e-03	-0.48	4.09e-05	-1.85e-04	3.24e-05
29	76	-0.05	-9.29e-03	-0.48	4.09e-05	-1.85e-04	3.24e-05

30	1	9.35e-03	-1.85e-03	-0.94	-1.20e-04	-2.39e-04	-6.45e-05
30	3	0.02	-1.29e-03	-0.90	-1.06e-04	-3.05e-04	-8.60e-05
30	7	7.55e-03	-1.35e-03	-0.71	-9.41e-05	-1.87e-04	-5.00e-05
30	8	0.01	-9.76e-04	-0.68	-8.43e-05	-2.30e-04	-6.43e-05
30	11	0.03	-0.01	-0.60	-2.62e-05	-6.24e-05	-7.10e-05
30	24	-0.01	-9.60e-04	-0.71	-1.86e-04	-3.42e-04	-4.38e-05
30	35	0.02	-0.02	-0.60	1.59e-05	-1.11e-04	-4.39e-05
30	43	0.03	-0.01	-0.60	-2.62e-05	-6.24e-05	-7.10e-05
30	56	-0.01	-9.60e-04	-0.71	-1.86e-04	-3.42e-04	-4.38e-05
30	67	0.02	-0.02	-0.60	1.59e-05	-1.11e-04	-4.39e-05
30	74	9.16e-03	-1.04e-03	-0.65	-1.07e-04	-1.98e-04	-5.18e-05
30	75	9.16e-03	-1.04e-03	-0.65	-1.07e-04	-1.98e-04	-5.18e-05
30	76	9.16e-03	-1.04e-03	-0.65	-1.07e-04	-1.98e-04	-5.18e-05
31	1	-0.08	0.02	-0.94	1.85e-06	-4.60e-05	-6.81e-04
31	5	-0.07	0.02	-0.86	-1.82e-05	-4.77e-05	-7.21e-04
31	7	-0.06	0.01	-0.71	0.0	-3.58e-05	-5.29e-04
31	9	-0.05	0.02	-0.66	-1.36e-05	-3.69e-05	-5.56e-04
31	20	-0.22	0.12	-0.72	-1.11e-04	-2.89e-04	-7.45e-04
31	24	-0.21	0.12	-0.72	-1.07e-04	-2.85e-04	-7.39e-04
31	28	-0.15	0.22	-0.71	-1.91e-04	-1.63e-04	-5.48e-04
31	52	-0.22	0.12	-0.72	-1.11e-04	-2.89e-04	-7.45e-04
31	56	-0.21	0.12	-0.72	-1.07e-04	-2.85e-04	-7.39e-04
31	60	-0.15	0.22	-0.71	-1.91e-04	-1.63e-04	-5.48e-04
31	74	-0.05	0.02	-0.66	-1.36e-05	-3.69e-05	-5.56e-04
31	75	-0.05	0.02	-0.66	-1.36e-05	-3.69e-05	-5.56e-04
31	76	-0.05	0.02	-0.66	-1.36e-05	-3.69e-05	-5.56e-04
32	1	7.64e-03	-0.01	-0.74	5.87e-05	-1.38e-04	1.36e-06
32	3	0.01	-0.01	-0.69	4.02e-05	-9.76e-05	0.0
32	7	6.17e-03	-9.00e-03	-0.56	3.95e-05	-1.00e-04	0.0
32	8	9.47e-03	-7.83e-03	-0.52	2.72e-05	-7.37e-05	0.0
32	11	0.03	-0.02	-0.51	4.22e-05	-2.08e-05	-9.75e-06
32	37	6.63e-03	-0.03	-0.52	5.76e-05	-7.54e-05	1.33e-05
32	39	0.02	-0.03	-0.52	6.84e-05	-4.56e-05	4.36e-06
32	43	0.03	-0.02	-0.51	4.22e-05	-2.08e-05	-9.75e-06
32	69	6.63e-03	-0.03	-0.52	5.76e-05	-7.54e-05	1.33e-05
32	71	0.02	-0.03	-0.52	6.84e-05	-4.56e-05	4.36e-06
32	74	7.50e-03	-6.49e-03	-0.51	1.24e-05	-7.63e-05	0.0
32	75	7.50e-03	-6.49e-03	-0.51	1.24e-05	-7.63e-05	0.0
32	76	7.50e-03	-6.49e-03	-0.51	1.24e-05	-7.63e-05	0.0
33	1	-0.02	4.93e-03	-0.41	5.99e-05	-1.66e-04	2.88e-05
33	3	-0.02	5.68e-03	-0.42	1.50e-05	-1.39e-04	2.20e-05
33	7	-0.02	3.78e-03	-0.31	4.07e-05	-1.23e-04	2.11e-05
33	8	-0.01	4.27e-03	-0.32	1.08e-05	-1.05e-04	1.65e-05
33	12	-0.04	2.11e-03	-0.28	-1.27e-04	-1.31e-04	4.24e-06
33	30	-0.02	0.02	-0.29	-1.74e-04	-1.40e-04	6.51e-06
33	31	2.91e-03	-4.24e-03	-0.35	2.65e-04	-6.13e-05	3.19e-05
33	44	-0.04	2.11e-03	-0.28	-1.27e-04	-1.31e-04	4.24e-06
33	62	-0.02	0.02	-0.29	-1.74e-04	-1.40e-04	6.51e-06
33	63	2.91e-03	-4.24e-03	-0.35	2.65e-04	-6.13e-05	3.19e-05
33	74	-0.01	3.72e-03	-0.31	1.67e-05	-1.06e-04	1.62e-05
33	75	-0.01	3.72e-03	-0.31	1.67e-05	-1.06e-04	1.62e-05
33	76	-0.01	3.72e-03	-0.31	1.67e-05	-1.06e-04	1.62e-05
34	1	9.10e-03	-0.01	-0.88	-4.89e-05	-2.83e-04	-3.70e-05
34	3	0.01	-0.01	-0.83	-3.80e-05	-4.43e-04	-4.43e-05
34	7	7.34e-03	-9.51e-03	-0.67	-3.99e-05	-2.20e-04	-2.81e-05
34	8	0.01	-0.01	-0.63	-3.26e-05	-2.66e-04	-3.30e-05
34	11	0.03	-0.02	-0.57	1.47e-05	-1.42e-04	-4.33e-05
34	39	0.02	-0.03	-0.57	7.24e-05	-1.46e-04	-4.36e-05
34	40	-3.69e-03	9.88e-03	-0.64	-1.83e-04	-3.09e-04	-9.94e-06
34	43	0.03	-0.02	-0.57	1.47e-05	-1.42e-04	-4.33e-05
34	71	0.02	-0.03	-0.57	7.24e-05	-1.46e-04	-4.36e-05
34	72	-3.69e-03	9.88e-03	-0.64	-1.83e-04	-3.09e-04	-9.94e-06
34	74	8.90e-03	-9.23e-03	-0.61	-5.52e-05	-2.28e-04	-2.67e-05
34	75	8.90e-03	-9.23e-03	-0.61	-5.52e-05	-2.28e-04	-2.67e-05
34	76	8.90e-03	-9.23e-03	-0.61	-5.52e-05	-2.28e-04	-2.67e-05
35	1	-0.04	-0.06	-0.90	-1.57e-05	-2.24e-05	-1.69e-04
35	3	-0.03	-0.08	-0.84	6.37e-06	-1.53e-04	-1.89e-04
35	7	-0.03	-0.05	-0.68	-1.29e-05	-2.83e-05	-1.28e-04
35	8	-0.03	-0.06	-0.64	1.82e-06	-1.15e-04	-1.41e-04
35	20	-0.13	-0.07	-0.65	1.52e-05	-1.60e-04	4.03e-05
35	40	-0.08	0.08	-0.66	-3.68e-04	-1.55e-04	1.84e-05
35	41	-0.03	-0.20	-0.60	4.17e-04	-3.58e-05	-1.84e-04
35	52	-0.13	-0.07	-0.65	1.52e-05	-1.60e-04	4.03e-05
35	72	-0.08	0.08	-0.66	-3.68e-04	-1.55e-04	1.84e-05
35	73	-0.03	-0.20	-0.60	4.17e-04	-3.58e-05	-1.84e-04
35	74	-0.03	-0.04	-0.62	-1.75e-05	-7.52e-05	-1.18e-04
35	75	-0.03	-0.04	-0.62	-1.75e-05	-7.52e-05	-1.18e-04

35	76	-0.03	-0.04	-0.62	-1.75e-05	-7.52e-05	-1.18e-04
36	1	-0.04	-0.06	-0.91	-7.69e-05	-2.24e-05	3.40e-05
36	3	-0.03	-0.08	-0.85	-5.49e-05	-1.53e-04	5.71e-05
36	7	-0.03	-0.05	-0.69	-6.00e-05	-2.83e-05	2.66e-05
36	8	-0.02	-0.06	-0.65	-4.53e-05	-1.15e-04	4.20e-05
36	20	-0.13	-0.07	-0.69	-3.16e-05	-1.60e-04	6.54e-05
36	40	-0.08	0.08	-0.73	-4.19e-04	-1.33e-04	-1.33e-05
36	41	-0.03	-0.20	-0.55	3.74e-04	-3.58e-05	1.06e-04
36	52	-0.13	-0.07	-0.69	-3.16e-05	-1.60e-04	6.54e-05
36	72	-0.08	0.08	-0.73	-4.19e-04	-1.55e-04	-1.33e-05
36	73	-0.03	-0.20	-0.55	3.74e-04	-3.58e-05	1.06e-04
36	74	-0.02	-0.04	-0.63	-6.46e-05	-7.52e-05	2.84e-05
36	75	-0.02	-0.04	-0.63	-6.46e-05	-7.52e-05	2.84e-05
36	76	-0.02	-0.04	-0.63	-6.46e-05	-7.52e-05	2.84e-05
37	1	-0.10	-0.05	-0.85	3.54e-03	-3.43e-04	-1.11e-03
37	3	-0.10	-0.05	-0.82	4.80e-03	-4.21e-04	-1.48e-03
37	7	-0.07	-0.04	-0.64	2.72e-03	-2.62e-04	-8.51e-04
37	8	-0.07	-0.04	-0.62	3.56e-03	-3.14e-04	-1.10e-03
37	20	-0.26	0.16	-0.64	2.82e-03	-3.04e-04	-1.46e-03
37	27	0.04	-0.50	-0.57	2.93e-03	-2.02e-04	5.71e-04
37	52	-0.26	0.16	-0.64	2.82e-03	-3.04e-04	-1.46e-03
37	59	0.04	-0.50	-0.57	2.93e-03	-2.02e-04	5.71e-04
37	74	-0.07	-0.03	-0.60	2.71e-03	-2.54e-04	-8.43e-04
37	75	-0.07	-0.03	-0.60	2.71e-03	-2.54e-04	-8.43e-04
37	76	-0.07	-0.03	-0.60	2.71e-03	-2.54e-04	-8.43e-04
38	1	-0.16	-0.02	-1.51	2.50e-04	-1.26e-04	-9.39e-05
38	3	-0.21	-0.02	-1.71	3.69e-04	-1.48e-04	-9.89e-05
38	7	-0.13	-0.02	-1.15	1.95e-04	-9.62e-05	-7.04e-05
38	8	-0.16	-0.02	-1.29	2.74e-04	-1.11e-04	-7.37e-05
38	24	-0.39	0.24	-1.16	1.15e-04	3.62e-05	7.98e-05
38	25	-0.36	-0.16	-1.18	1.59e-04	6.89e-05	2.15e-04
38	39	-3.91e-03	-0.70	-1.11	2.94e-04	-8.12e-05	1.00e-04
38	56	-0.39	0.24	-1.16	1.15e-04	3.62e-05	7.98e-05
38	57	-0.36	-0.16	-1.18	1.59e-04	6.89e-05	2.15e-04
38	71	-3.91e-03	-0.70	-1.11	2.94e-04	-8.12e-05	1.00e-04
38	74	-0.13	-8.90e-03	-1.10	2.01e-04	-9.23e-05	-6.28e-05
38	75	-0.13	-8.90e-03	-1.10	2.01e-04	-9.23e-05	-6.28e-05
38	76	-0.13	-8.90e-03	-1.10	2.01e-04	-9.23e-05	-6.28e-05
39	1	8.49e-03	-0.02	-0.77	5.90e-05	-7.75e-05	1.52e-05
39	3	0.01	-0.02	-0.70	4.70e-05	-4.92e-05	2.48e-05
39	7	6.83e-03	-0.01	-0.58	4.07e-05	-5.47e-05	1.24e-05
39	8	0.01	-0.01	-0.53	3.27e-05	-3.58e-05	1.87e-05
39	11	0.03	-0.02	-0.51	5.64e-05	-3.33e-06	2.41e-05
39	16	-0.02	4.07e-03	-0.54	-2.42e-05	-6.29e-05	7.45e-06
39	39	0.02	-0.04	-0.52	9.88e-05	-7.72e-06	2.30e-05
39	43	0.03	-0.02	-0.51	5.64e-05	-3.33e-06	2.41e-05
39	48	-0.02	4.07e-03	-0.54	-2.42e-05	-6.29e-05	7.45e-06
39	71	0.02	-0.04	-0.52	9.88e-05	-7.72e-06	2.30e-05
39	74	8.22e-03	-0.01	-0.53	1.78e-05	-3.29e-05	1.54e-05
39	75	8.22e-03	-0.01	-0.53	1.78e-05	-3.29e-05	1.54e-05
39	76	8.22e-03	-0.01	-0.53	1.78e-05	-3.29e-05	1.54e-05
40	1	-0.10	-0.03	-0.94	4.17e-03	-1.74e-04	-1.02e-04
40	3	-0.10	-0.03	-0.92	5.71e-03	-1.84e-04	-1.08e-04
40	7	-0.08	-0.02	-0.71	3.21e-03	-1.31e-04	-7.67e-05
40	8	-0.08	-0.02	-0.70	4.24e-03	-1.38e-04	-8.05e-05
40	20	-0.27	0.24	-0.69	3.32e-03	-7.35e-05	3.09e-04
40	24	-0.26	0.24	-0.69	3.32e-03	-6.97e-05	8.45e-05
40	39	0.03	-0.70	-0.63	3.38e-03	-9.09e-05	1.00e-04
40	52	-0.27	0.24	-0.69	3.32e-03	-7.35e-05	3.09e-04
40	56	-0.26	0.24	-0.69	3.32e-03	-6.97e-05	8.45e-05
40	71	0.03	-0.70	-0.63	3.38e-03	-9.09e-05	1.00e-04
40	74	-0.07	-9.90e-03	-0.66	3.21e-03	-1.20e-04	-6.86e-05
40	75	-0.07	-9.90e-03	-0.66	3.21e-03	-1.20e-04	-6.86e-05
40	76	-0.07	-9.90e-03	-0.66	3.21e-03	-1.20e-04	-6.86e-05
41	1	-0.08	-0.07	-0.79	2.41e-03	-3.00e-04	-1.34e-03
41	3	-0.08	-0.07	-0.74	3.20e-03	-3.67e-04	-1.76e-03
41	7	-0.06	-0.05	-0.60	1.85e-03	-2.30e-04	-1.03e-03
41	8	-0.06	-0.05	-0.56	2.38e-03	-2.75e-04	-1.31e-03
41	20	-0.25	0.10	-0.58	1.86e-03	-3.77e-04	-1.57e-03
41	31	0.06	-0.32	-0.53	2.11e-03	-1.42e-04	4.36e-04
41	52	-0.25	0.10	-0.58	1.86e-03	-3.77e-04	-1.57e-03
41	63	0.06	-0.32	-0.53	2.11e-03	-1.42e-04	4.36e-04
41	74	-0.05	-0.04	-0.55	1.84e-03	-2.26e-04	-1.02e-03
41	75	-0.05	-0.04	-0.55	1.84e-03	-2.26e-04	-1.02e-03
41	76	-0.05	-0.04	-0.55	1.84e-03	-2.26e-04	-1.02e-03
42	1	-0.04	-0.07	-0.80	-7.08e-05	-3.23e-04	2.75e-05
42	3	-0.03	-0.08	-0.72	-4.79e-05	-2.44e-04	4.95e-05

42	7	-0.03	-0.05	-0.60	-5.61e-05	-2.36e-04	2.21e-05
42	8	-0.03	-0.06	-0.55	-4.09e-05	-1.83e-04	3.68e-05
42	20	-0.13	0.04	-0.59	-2.99e-04	-1.81e-04	4.74e-05
42	39	0.03	-0.19	-0.48	3.37e-04	-1.63e-04	5.16e-05
42	40	-0.08	0.10	-0.61	-4.66e-04	-1.98e-04	0.0
42	52	-0.13	0.04	-0.59	-2.99e-04	-1.81e-04	4.74e-05
42	71	0.03	-0.19	-0.48	3.37e-04	-1.63e-04	5.16e-05
42	72	-0.08	0.10	-0.61	-4.66e-04	-1.98e-04	0.0
42	74	-0.03	-0.04	-0.55	-6.47e-05	-1.81e-04	2.62e-05
42	75	-0.03	-0.04	-0.55	-6.47e-05	-1.81e-04	2.62e-05
42	76	-0.03	-0.04	-0.55	-6.47e-05	-1.81e-04	2.62e-05
43	1	-0.04	-0.07	-0.79	-9.46e-06	-3.23e-04	3.48e-05
43	3	-0.03	-0.07	-0.72	1.34e-05	-2.44e-04	5.72e-05
43	7	-0.03	-0.05	-0.59	-8.92e-06	-2.36e-04	2.75e-05
43	8	-0.02	-0.06	-0.55	6.29e-06	-1.83e-04	4.25e-05
43	16	-0.12	0.04	-0.55	-2.45e-04	-1.80e-04	6.84e-05
43	20	-0.12	0.04	-0.55	-2.49e-04	-1.81e-04	6.82e-05
43	39	0.03	-0.19	-0.53	3.80e-04	-1.63e-04	5.39e-05
43	48	-0.12	0.04	-0.55	-2.45e-04	-1.80e-04	6.84e-05
43	52	-0.12	0.04	-0.55	-2.49e-04	-1.81e-04	6.82e-05
43	71	0.03	-0.19	-0.53	3.80e-04	-1.63e-04	5.39e-05
43	74	-0.02	-0.04	-0.54	-1.75e-05	-1.81e-04	3.11e-05
43	75	-0.02	-0.04	-0.54	-1.75e-05	-1.81e-04	3.11e-05
43	76	-0.02	-0.04	-0.54	-1.75e-05	-1.81e-04	3.11e-05
44	1	-0.03	-0.05	-0.75	7.56e-05	8.07e-06	1.19e-04
44	7	-0.03	-0.04	-0.57	5.57e-05	2.92e-06	9.20e-05
44	20	-0.12	0.04	-0.52	-1.10e-04	-2.31e-04	1.46e-04
44	37	-0.02	-0.15	-0.53	2.68e-04	-1.64e-05	1.21e-04
44	39	0.03	-0.17	-0.53	3.15e-04	9.97e-05	1.16e-04
44	52	-0.12	0.04	-0.52	-1.10e-04	-2.31e-04	1.46e-04
44	69	-0.02	-0.15	-0.53	2.68e-04	-1.64e-05	1.21e-04
44	71	0.03	-0.17	-0.53	3.15e-04	9.97e-05	1.16e-04
44	74	-0.02	-0.03	-0.52	4.27e-05	-1.03e-05	9.49e-05
44	75	-0.02	-0.03	-0.52	4.27e-05	-1.03e-05	9.49e-05
44	76	-0.02	-0.03	-0.52	4.27e-05	-1.03e-05	9.49e-05
45	1	-0.06	-0.06	-0.76	9.95e-05	-2.27e-04	2.79e-04
45	7	-0.05	-0.05	-0.57	7.19e-05	-1.76e-04	2.14e-04
45	20	-0.21	0.07	-0.53	-2.10e-05	-4.41e-04	7.17e-05
45	37	-0.05	-0.19	-0.53	1.25e-04	-1.88e-04	2.53e-04
45	39	0.04	-0.22	-0.53	1.47e-04	-5.39e-05	3.14e-04
45	52	-0.21	0.07	-0.53	-2.10e-05	-4.41e-04	7.17e-05
45	69	-0.05	-0.19	-0.53	1.25e-04	-1.88e-04	2.53e-04
45	71	0.04	-0.22	-0.53	1.47e-04	-5.39e-05	3.14e-04
45	74	-0.04	-0.04	-0.52	4.69e-05	-1.81e-04	2.13e-04
45	75	-0.04	-0.04	-0.52	4.69e-05	-1.81e-04	2.13e-04
45	76	-0.04	-0.04	-0.52	4.69e-05	-1.81e-04	2.13e-04
46	1	-0.07	-0.05	-0.66	3.26e-04	1.97e-04	5.72e-05
46	3	-0.08	-0.05	-0.62	2.72e-04	1.50e-04	8.30e-05
46	7	-0.06	-0.04	-0.50	2.40e-04	1.44e-04	4.46e-05
46	8	-0.06	-0.03	-0.47	2.04e-04	1.13e-04	6.18e-05
46	20	-0.19	0.04	-0.49	1.36e-04	4.56e-05	1.52e-04
46	39	-0.06	-0.17	-0.44	3.08e-04	1.12e-04	8.55e-05
46	40	-0.04	0.11	-0.50	7.71e-05	1.18e-04	9.25e-06
46	52	-0.19	0.04	-0.49	1.36e-04	4.56e-05	1.52e-04
46	71	-0.06	-0.17	-0.44	3.08e-04	1.12e-04	8.55e-05
46	72	-0.04	0.11	-0.50	7.71e-05	1.18e-04	9.25e-06
46	74	-0.05	-0.03	-0.47	1.93e-04	1.15e-04	4.74e-05
46	75	-0.05	-0.03	-0.47	1.93e-04	1.15e-04	4.74e-05
46	76	-0.05	-0.03	-0.47	1.93e-04	1.15e-04	4.74e-05
47	1	8.27e-03	-0.05	-0.78	5.30e-05	3.31e-04	1.63e-04
47	3	0.04	-0.05	-0.72	5.41e-05	3.78e-04	2.19e-04
47	7	8.36e-03	-0.04	-0.59	3.88e-05	2.49e-04	1.26e-04
47	8	0.03	-0.04	-0.55	3.95e-05	2.80e-04	1.63e-04
47	23	0.12	-0.11	-0.54	2.07e-04	5.54e-04	2.68e-04
47	39	0.07	-0.17	-0.54	3.45e-04	3.82e-04	2.05e-04
47	55	0.12	-0.11	-0.54	2.07e-04	5.54e-04	2.68e-04
47	71	0.07	-0.17	-0.54	3.45e-04	3.82e-04	2.05e-04
47	74	0.02	-0.03	-0.53	2.86e-05	2.27e-04	1.30e-04
47	75	0.02	-0.03	-0.53	2.86e-05	2.27e-04	1.30e-04
47	76	0.02	-0.03	-0.53	2.86e-05	2.27e-04	1.30e-04
48	1	-5.84e-03	-0.01	-0.65	2.35e-04	-3.03e-06	6.00e-05
48	7	-4.18e-03	-9.98e-03	-0.50	1.74e-04	0.0	4.59e-05
48	12	-0.03	3.67e-03	-0.48	9.44e-05	-9.82e-05	1.11e-04
48	39	-4.25e-03	-0.03	-0.44	2.44e-04	5.69e-06	5.80e-05
48	40	-1.22e-03	0.02	-0.50	3.93e-05	1.64e-05	3.12e-05
48	44	-0.03	3.67e-03	-0.48	9.44e-05	-9.82e-05	1.11e-04
48	71	-4.25e-03	-0.03	-0.44	2.44e-04	5.69e-06	5.80e-05

48	72	-1.22e-03	0.02	-0.50	3.93e-05	1.64e-05	3.12e-05
48	74	-2.73e-03	-7.55e-03	-0.47	1.42e-04	1.10e-05	4.46e-05
48	75	-2.73e-03	-7.55e-03	-0.47	1.42e-04	1.10e-05	4.46e-05
48	76	-2.73e-03	-7.55e-03	-0.47	1.42e-04	1.10e-05	4.46e-05
49	1	-0.04	0.02	-0.94	-1.77e-05	-1.63e-04	-4.39e-04
49	5	-0.04	0.02	-0.86	-1.92e-05	-1.56e-04	-4.52e-04
49	7	-0.03	0.01	-0.71	-1.35e-05	-1.25e-04	-3.40e-04
49	9	-0.03	0.01	-0.66	-1.45e-05	-1.20e-04	-3.48e-04
49	20	-0.13	0.08	-0.72	-4.14e-05	-3.61e-04	-4.08e-04
49	24	-0.13	0.08	-0.72	-3.76e-05	-3.57e-04	-4.05e-04
49	36	-0.08	0.15	-0.71	-3.28e-04	-2.36e-04	-2.82e-04
49	52	-0.13	0.08	-0.72	-4.14e-05	-3.61e-04	-4.08e-04
49	56	-0.13	0.08	-0.72	-3.76e-05	-3.57e-04	-4.05e-04
49	68	-0.08	0.15	-0.71	-3.28e-04	-2.36e-04	-2.82e-04
49	74	-0.03	0.01	-0.66	-1.45e-05	-1.20e-04	-3.48e-04
49	75	-0.03	0.01	-0.66	-1.45e-05	-1.20e-04	-3.48e-04
49	76	-0.03	0.01	-0.66	-1.45e-05	-1.20e-04	-3.48e-04
50	1	-1.41e-03	-0.01	-0.87	4.62e-05	3.11e-04	7.84e-06
50	3	-2.25e-03	-9.16e-03	-0.82	5.93e-05	6.21e-04	1.10e-05
50	7	-1.13e-03	-7.75e-03	-0.65	3.62e-05	2.60e-04	6.12e-06
50	8	-1.69e-03	-6.72e-03	-0.62	4.49e-05	4.66e-04	8.22e-06
50	19	0.02	-0.02	-0.62	7.13e-05	5.45e-04	-1.10e-05
50	24	-0.02	6.22e-03	-0.54	2.18e-06	1.74e-04	2.39e-05
50	39	7.41e-03	-0.03	-0.60	6.26e-05	4.27e-04	-4.84e-06
50	51	0.02	-0.02	-0.62	7.13e-05	5.45e-04	-1.10e-05
50	56	-0.02	6.22e-03	-0.54	2.18e-06	1.74e-04	2.39e-05
50	71	7.41e-03	-0.03	-0.60	6.26e-05	4.27e-04	-4.84e-06
50	74	-1.35e-03	-5.53e-03	-0.58	3.74e-05	3.59e-04	6.58e-06
50	75	-1.35e-03	-5.53e-03	-0.58	3.74e-05	3.59e-04	6.58e-06
50	76	-1.35e-03	-5.53e-03	-0.58	3.74e-05	3.59e-04	6.58e-06
51	1	-0.06	1.01e-04	-0.62	7.91e-05	-3.30e-04	9.49e-05
51	3	-0.06	0.03	-0.59	5.20e-05	-2.71e-04	1.44e-04
51	7	-0.05	2.48e-03	-0.47	5.64e-05	-2.76e-04	7.50e-05
51	8	-0.04	0.02	-0.45	3.84e-05	-2.06e-04	1.08e-04
51	14	0.07	0.03	-0.47	1.15e-05	-1.46e-04	1.05e-04
51	20	-0.16	0.08	-0.43	-2.22e-04	-2.85e-04	1.22e-04
51	32	-0.13	0.15	-0.45	-4.21e-04	-2.62e-04	1.48e-05
51	46	0.07	0.03	-0.47	1.15e-05	-1.46e-04	1.05e-04
51	52	-0.16	0.08	-0.43	-2.22e-04	-2.85e-04	1.22e-04
51	64	-0.13	0.15	-0.45	-4.21e-04	-2.62e-04	1.48e-05
51	74	-0.04	0.01	-0.45	3.55e-05	-2.09e-04	8.44e-05
51	75	-0.04	0.01	-0.45	3.55e-05	-2.09e-04	8.44e-05
51	76	-0.04	0.01	-0.45	3.55e-05	-2.09e-04	8.44e-05
52	1	-0.03	-0.02	-0.61	8.41e-05	-1.90e-04	2.87e-05
52	7	-0.02	-0.01	-0.47	5.73e-05	-1.43e-04	2.08e-05
52	10	1.26e-05	-5.00e-03	-0.46	3.03e-05	-9.51e-06	2.54e-05
52	12	-0.05	0.02	-0.43	-6.08e-05	-2.97e-04	-3.46e-06
52	39	-5.36e-03	-0.05	-0.44	1.67e-04	-3.66e-05	3.22e-05
52	42	1.26e-05	-5.00e-03	-0.46	3.03e-05	-9.51e-06	2.54e-05
52	44	-0.05	0.02	-0.43	-6.08e-05	-2.97e-04	-3.46e-06
52	71	-5.36e-03	-0.05	-0.44	1.67e-04	-3.66e-05	3.22e-05
52	74	-0.02	-6.53e-03	-0.44	2.39e-05	-1.28e-04	1.51e-05
52	75	-0.02	-6.53e-03	-0.44	2.39e-05	-1.28e-04	1.51e-05
52	76	-0.02	-6.53e-03	-0.44	2.39e-05	-1.28e-04	1.51e-05
53	1	-0.02	-5.28e-03	-0.52	7.49e-05	-2.08e-04	1.47e-05
53	7	-0.02	-3.43e-03	-0.39	5.17e-05	-1.55e-04	1.01e-05
53	12	-0.04	0.02	-0.36	-1.04e-04	-1.62e-04	-2.42e-05
53	19	8.97e-03	-0.02	-0.40	1.71e-04	-1.02e-04	3.64e-05
53	39	-1.80e-03	-0.04	-0.40	2.54e-04	-9.25e-05	6.51e-05
53	44	-0.04	0.02	-0.36	-1.04e-04	-1.62e-04	-2.42e-05
53	51	8.97e-03	-0.02	-0.40	1.71e-04	-1.02e-04	3.64e-05
53	71	-1.80e-03	-0.04	-0.40	2.54e-04	-9.25e-05	6.51e-05
53	74	-0.01	-5.66e-04	-0.38	2.51e-05	-1.32e-04	4.58e-06
53	75	-0.01	-5.66e-04	-0.38	2.51e-05	-1.32e-04	4.58e-06
53	76	-0.01	-5.66e-04	-0.38	2.51e-05	-1.32e-04	4.58e-06
54	1	-4.81e-03	-0.01	-0.83	1.33e-04	1.95e-04	6.83e-06
54	3	-6.47e-03	-9.39e-03	-0.78	1.48e-04	4.72e-04	7.64e-06
54	7	-3.74e-03	-7.95e-03	-0.63	9.98e-05	1.70e-04	5.20e-06
54	8	-4.84e-03	-6.89e-03	-0.59	1.10e-04	3.54e-04	5.74e-06
54	19	0.02	-0.02	-0.58	1.20e-04	4.12e-04	-2.03e-05
54	24	-0.02	6.16e-03	-0.53	4.60e-05	1.25e-04	3.04e-05
54	39	5.29e-03	-0.03	-0.57	8.81e-05	3.27e-04	-7.16e-06
54	51	0.02	-0.02	-0.58	1.20e-04	4.12e-04	-2.03e-05
54	56	-0.02	6.16e-03	-0.53	4.60e-05	1.25e-04	3.04e-05
54	71	5.29e-03	-0.03	-0.57	8.81e-05	3.27e-04	-7.16e-06
54	74	-3.96e-03	-5.70e-03	-0.56	8.32e-05	2.68e-04	5.11e-06
54	75	-3.96e-03	-5.70e-03	-0.56	8.32e-05	2.68e-04	5.11e-06

54	76	-3.96e-03	-5.70e-03	-0.56	8.32e-05	2.68e-04	5.11e-06
55	1	0.27	-0.06	-0.88	4.96e-05	4.96e-05	1.02e-04
55	3	0.38	-0.06	-0.83	6.16e-05	1.04e-05	1.33e-04
55	7	0.21	-0.05	-0.66	3.83e-05	3.19e-05	7.91e-05
55	8	0.29	-0.05	-0.63	4.63e-05	5.72e-06	9.96e-05
55	19	0.54	-0.14	-0.63	8.32e-05	5.87e-04	-1.19e-04
55	23	0.54	-0.14	-0.63	8.48e-05	5.92e-04	-1.21e-04
55	39	0.34	-0.22	-0.61	9.78e-05	2.25e-04	-5.37e-05
55	51	0.54	-0.14	-0.63	8.32e-05	5.87e-04	-1.19e-04
55	55	0.54	-0.14	-0.63	8.48e-05	5.92e-04	-1.21e-04
55	71	0.34	-0.22	-0.61	9.78e-05	2.25e-04	-5.37e-05
55	74	0.22	-0.04	-0.59	3.74e-05	1.76e-06	8.04e-05
55	75	0.22	-0.04	-0.59	3.74e-05	1.76e-06	8.04e-05
55	76	0.22	-0.04	-0.59	3.74e-05	1.76e-06	8.04e-05
56	1	-0.37	0.02	-0.91	-4.11e-05	-2.26e-04	1.12e-04
56	3	-0.52	0.02	-0.87	-4.64e-05	-2.53e-04	1.52e-04
56	5	-0.39	0.02	-0.80	-3.92e-05	-1.91e-04	1.18e-04
56	7	-0.29	0.01	-0.68	-3.11e-05	-1.69e-04	8.68e-05
56	8	-0.39	0.02	-0.66	-3.46e-05	-1.87e-04	1.14e-04
56	9	-0.30	0.02	-0.61	-2.98e-05	-1.46e-04	9.07e-05
56	24	-0.63	0.12	-0.65	-1.93e-05	-7.36e-04	3.10e-04
56	25	-0.61	4.52e-03	-0.66	1.74e-05	-7.05e-04	2.56e-04
56	28	-0.41	0.22	-0.62	-7.95e-05	-3.37e-04	9.02e-05
56	56	-0.63	0.12	-0.65	-1.93e-05	-7.36e-04	3.10e-04
56	57	-0.61	4.52e-03	-0.66	1.74e-05	-7.05e-04	2.56e-04
56	60	-0.41	0.22	-0.62	-7.95e-05	-3.37e-04	9.02e-05
56	74	-0.30	0.02	-0.61	-2.98e-05	-1.46e-04	9.07e-05
56	75	-0.30	0.02	-0.61	-2.98e-05	-1.46e-04	9.07e-05
56	76	-0.30	0.02	-0.61	-2.98e-05	-1.46e-04	9.07e-05
57	1	-0.41	0.02	-0.92	-1.28e-05	-3.09e-04	4.83e-05
57	3	-0.57	0.02	-0.88	-2.35e-05	-3.61e-04	4.36e-05
57	5	-0.43	0.02	-0.81	-3.03e-05	-2.76e-04	3.93e-05
57	7	-0.32	0.01	-0.69	-1.15e-05	-2.33e-04	3.61e-05
57	8	-0.42	0.02	-0.67	-1.87e-05	-2.68e-04	3.29e-05
57	9	-0.33	0.02	-0.62	-2.32e-05	-2.11e-04	3.00e-05
57	24	-0.64	0.12	-0.66	-6.91e-05	-7.55e-04	-1.79e-04
57	28	-0.44	0.22	-0.64	-7.43e-05	-3.97e-04	2.05e-06
57	56	-0.64	0.12	-0.66	-6.91e-05	-7.55e-04	-1.79e-04
57	60	-0.44	0.22	-0.64	-7.43e-05	-3.97e-04	2.05e-06
57	74	-0.33	0.02	-0.62	-2.32e-05	-2.11e-04	3.00e-05
57	75	-0.33	0.02	-0.62	-2.32e-05	-2.11e-04	3.00e-05
57	76	-0.33	0.02	-0.62	-2.32e-05	-2.11e-04	3.00e-05
58	1	0.20	-0.06	-0.84	1.21e-04	-2.59e-06	2.23e-04
58	3	0.29	-0.06	-0.79	1.33e-04	-6.16e-05	3.09e-04
58	7	0.15	-0.05	-0.63	9.03e-05	-8.69e-06	1.74e-04
58	8	0.21	-0.05	-0.60	9.86e-05	-4.80e-05	2.31e-04
58	19	0.44	-0.14	-0.59	1.24e-04	4.96e-04	4.35e-04
58	23	0.44	-0.14	-0.59	1.25e-04	5.02e-04	4.34e-04
58	39	0.29	-0.22	-0.58	1.25e-04	1.98e-04	2.16e-04
58	51	0.44	-0.14	-0.59	1.24e-04	4.96e-04	4.35e-04
58	55	0.44	-0.14	-0.59	1.25e-04	5.02e-04	4.34e-04
58	71	0.29	-0.22	-0.58	1.25e-04	1.98e-04	2.16e-04
58	74	0.16	-0.04	-0.56	7.39e-05	-4.06e-05	1.85e-04
58	75	0.16	-0.04	-0.56	7.39e-05	-4.06e-05	1.85e-04
58	76	0.16	-0.04	-0.56	7.39e-05	-4.06e-05	1.85e-04
59	1	-7.69e-03	-1.83e-03	-0.91	-1.23e-05	-4.18e-04	6.29e-06
59	3	-9.97e-03	-1.36e-03	-0.87	-2.44e-05	-7.58e-04	6.69e-06
59	7	-5.92e-03	-1.33e-03	-0.68	-1.14e-05	-3.42e-04	4.75e-06
59	8	-7.44e-03	-1.02e-03	-0.66	-1.94e-05	-5.69e-04	5.01e-06
59	24	-0.03	-7.37e-04	-0.65	-5.76e-05	-6.32e-04	2.69e-05
59	35	2.17e-03	-0.02	-0.60	-1.36e-05	-3.71e-04	7.90e-06
59	56	-0.03	-7.37e-04	-0.65	-5.76e-05	-6.32e-04	2.69e-05
59	67	2.17e-03	-0.02	-0.60	-1.36e-05	-3.71e-04	7.90e-06
59	74	-5.98e-03	-9.90e-04	-0.61	-2.42e-05	-4.43e-04	4.42e-06
59	75	-5.98e-03	-9.90e-04	-0.61	-2.42e-05	-4.43e-04	4.42e-06
59	76	-5.98e-03	-9.90e-04	-0.61	-2.42e-05	-4.43e-04	4.42e-06
60	1	-4.37e-03	-1.88e-03	-0.90	-3.56e-05	-4.00e-04	5.61e-06
60	3	-5.88e-03	-1.45e-03	-0.86	-4.19e-05	-7.40e-04	8.11e-06
60	7	-3.38e-03	-1.36e-03	-0.68	-2.67e-05	-3.29e-04	4.42e-06
60	8	-4.39e-03	-1.07e-03	-0.65	-3.09e-05	-5.56e-04	6.09e-06
60	24	-0.03	-6.54e-04	-0.65	-2.86e-06	-2.25e-05	2.25e-05
60	25	-0.02	-0.01	-0.65	9.12e-06	-6.17e-04	1.83e-05
60	35	4.68e-03	-0.02	-0.60	-1.72e-05	-3.55e-04	4.69e-06
60	56	-0.03	-6.54e-04	-0.65	-2.86e-06	-6.31e-04	2.25e-05
60	57	-0.02	-0.01	-0.65	9.12e-06	-6.17e-04	1.83e-05
60	67	4.68e-03	-0.02	-0.60	-1.72e-05	-3.55e-04	4.69e-06
60	74	-3.45e-03	-9.85e-04	-0.60	-2.48e-05	-4.31e-04	4.93e-06

60	75	-3.45e-03	-9.85e-04	-0.60	-2.48e-05	-4.31e-04	4.93e-06
60	76	-3.45e-03	-9.85e-04	-0.60	-2.48e-05	-4.31e-04	4.93e-06
61	1	-0.02	-0.02	-1.62	-3.00e-04	7.09e-06	-8.55e-05
61	3	-0.03	-0.02	-1.87	-4.32e-04	7.79e-06	-8.42e-05
61	7	-0.01	-0.01	-1.24	-2.34e-04	5.34e-06	-6.37e-05
61	8	-0.02	-0.01	-1.40	-3.22e-04	5.81e-06	-6.29e-05
61	12	-0.41	0.24	-1.16	-3.13e-04	1.56e-04	3.35e-04
61	35	0.07	-0.69	-1.23	-1.59e-04	-5.20e-05	9.73e-05
61	39	0.07	-0.69	-1.23	-1.60e-04	-4.69e-05	1.02e-04
61	44	-0.41	0.24	-1.16	-3.13e-04	1.56e-04	3.35e-04
61	67	0.07	-0.69	-1.23	-1.59e-04	-5.20e-05	9.73e-05
61	71	0.07	-0.69	-1.23	-1.60e-04	-4.69e-05	1.02e-04
61	74	-0.02	-5.31e-03	-1.19	-2.53e-04	4.91e-06	-5.50e-05
61	75	-0.02	-5.31e-03	-1.19	-2.53e-04	4.91e-06	-5.50e-05
61	76	-0.02	-5.31e-03	-1.19	-2.53e-04	4.91e-06	-5.50e-05
62	1	-0.06	-0.02	-1.75	-1.55e-04	-3.45e-06	-8.10e-05
62	3	-0.08	-0.02	-2.04	-2.14e-04	-3.45e-06	-7.85e-05
62	7	-0.05	-0.01	-1.33	-1.19e-04	-2.64e-06	-6.03e-05
62	8	-0.06	-0.01	-1.53	-1.58e-04	-2.64e-06	-5.86e-05
62	24	-0.43	0.25	-1.31	-1.96e-04	1.82e-04	1.02e-04
62	37	-0.11	-0.66	-1.33	-4.70e-05	1.86e-05	2.44e-04
62	39	0.10	-0.69	-1.31	-1.85e-05	-8.46e-05	1.07e-04
62	56	-0.43	0.25	-1.31	-1.96e-04	1.82e-04	1.02e-04
62	69	-0.11	-0.66	-1.33	-4.70e-05	1.86e-05	2.44e-04
62	71	0.10	-0.69	-1.31	-1.85e-05	-8.46e-05	1.07e-04
62	74	-0.05	-6.55e-03	-1.29	-1.20e-04	-2.37e-06	-5.15e-05
62	75	-0.05	-6.55e-03	-1.29	-1.20e-04	-2.37e-06	-5.15e-05
62	76	-0.05	-6.55e-03	-1.29	-1.20e-04	-2.37e-06	-5.15e-05
63	1	-0.12	-0.02	-1.70	3.93e-04	-3.71e-05	-8.11e-05
63	3	-0.17	-0.02	-1.98	5.45e-04	-4.23e-05	-7.94e-05
63	7	-0.10	-0.02	-1.30	3.04e-04	-2.83e-05	-6.04e-05
63	8	-0.12	-0.02	-1.48	4.05e-04	-3.18e-05	-5.92e-05
63	24	-0.45	0.24	-1.29	1.91e-04	1.37e-04	9.45e-05
63	25	-0.41	-0.16	-1.31	2.54e-04	1.66e-04	2.30e-04
63	39	0.06	-0.69	-1.26	4.36e-04	-3.17e-05	1.09e-04
63	56	-0.45	0.24	-1.29	1.91e-04	1.37e-04	9.45e-05
63	57	-0.41	-0.16	-1.31	2.54e-04	1.66e-04	2.30e-04
63	71	0.06	-0.69	-1.26	4.36e-04	-3.17e-05	1.09e-04
63	74	-0.10	-7.77e-03	-1.25	3.07e-04	-2.68e-05	-5.18e-05
63	75	-0.10	-7.77e-03	-1.25	3.07e-04	-2.68e-05	-5.18e-05
63	76	-0.10	-7.77e-03	-1.25	3.07e-04	-2.68e-05	-5.18e-05
64	1	1.97e-03	-2.92e-03	-0.61	1.12e-05	-3.50e-04	2.76e-05
64	3	4.11e-03	-1.62e-04	-0.59	-3.43e-05	-2.81e-04	2.52e-05
64	7	1.71e-03	-2.06e-03	-0.46	2.18e-06	-2.61e-04	2.05e-05
64	8	3.14e-03	-2.16e-04	-0.45	-2.81e-05	-2.15e-04	1.89e-05
64	10	0.02	0.01	-0.46	7.81e-06	-2.13e-04	2.59e-05
64	11	0.02	-3.15e-03	-0.45	4.00e-05	-1.93e-04	3.74e-05
64	39	2.42e-03	-0.03	-0.44	4.43e-05	-1.83e-04	4.30e-05
64	42	0.02	0.01	-0.46	7.81e-06	-2.13e-04	2.59e-05
64	43	0.02	-3.15e-03	-0.45	4.00e-05	-1.93e-04	3.74e-05
64	71	2.42e-03	-0.03	-0.44	4.43e-05	-1.83e-04	4.30e-05
64	74	2.67e-03	-1.13e-03	-0.44	-2.59e-05	-2.22e-04	1.74e-05
64	75	2.67e-03	-1.13e-03	-0.44	-2.59e-05	-2.22e-04	1.74e-05
64	76	2.67e-03	-1.13e-03	-0.44	-2.59e-05	-2.22e-04	1.74e-05
65	1	2.04e-03	4.64e-03	-0.51	1.05e-04	-3.69e-04	3.06e-05
65	3	4.11e-03	6.52e-03	-0.51	5.25e-05	-2.87e-04	2.99e-05
65	7	1.76e-03	3.57e-03	-0.39	7.37e-05	-2.74e-04	2.29e-05
65	8	3.14e-03	4.82e-03	-0.39	3.88e-05	-2.19e-04	2.25e-05
65	11	0.02	3.20e-03	-0.40	1.48e-04	-2.30e-04	3.14e-05
65	30	-1.81e-03	0.02	-0.37	-8.02e-05	-2.77e-04	8.78e-06
65	43	0.02	3.20e-03	-0.40	1.48e-04	-2.30e-04	3.14e-05
65	62	-1.81e-03	0.02	-0.37	-8.02e-05	-2.77e-04	8.78e-06
65	74	2.68e-03	3.64e-03	-0.38	4.30e-05	-2.30e-04	2.02e-05
65	75	2.68e-03	3.64e-03	-0.38	4.30e-05	-2.30e-04	2.02e-05
65	76	2.68e-03	3.64e-03	-0.38	4.30e-05	-2.30e-04	2.02e-05
66	1	-0.07	-0.07	-0.66	1.98e-04	5.22e-06	5.36e-05
66	3	-0.07	-0.07	-0.61	1.71e-04	2.35e-06	7.90e-05
66	7	-0.05	-0.05	-0.50	1.45e-04	4.37e-06	4.18e-05
66	8	-0.05	-0.05	-0.47	1.28e-04	2.45e-06	5.88e-05
66	20	-0.17	0.04	-0.49	6.40e-05	-1.44e-04	1.57e-04
66	32	-0.15	0.08	-0.49	3.10e-05	-1.12e-04	1.68e-04
66	39	-0.05	-0.19	-0.44	2.11e-04	-1.17e-06	8.40e-05
66	52	-0.17	0.04	-0.49	6.40e-05	-1.44e-04	1.57e-04
66	64	-0.15	0.08	-0.49	3.10e-05	-1.12e-04	1.68e-04
66	71	-0.05	-0.19	-0.44	2.11e-04	-1.17e-06	8.40e-05
66	74	-0.05	-0.04	-0.46	1.15e-04	6.36e-06	4.46e-05
66	75	-0.05	-0.04	-0.46	1.15e-04	6.36e-06	4.46e-05

66	76	-0.05	-0.04	-0.46	1.15e-04	6.36e-06	4.46e-05
67	1	-5.19e-03	-0.02	-0.65	1.78e-04	-6.66e-05	6.29e-05
67	3	-4.29e-03	-0.02	-0.60	1.53e-04	-5.89e-05	7.07e-05
67	7	-3.74e-03	-0.01	-0.49	1.31e-04	-4.92e-05	4.79e-05
67	8	-3.14e-03	-0.01	-0.46	1.14e-04	-4.41e-05	5.32e-05
67	12	-0.03	4.15e-03	-0.48	5.51e-05	-1.83e-04	9.54e-05
67	32	-0.03	0.01	-0.49	1.74e-05	-1.55e-04	9.81e-05
67	39	-4.02e-03	-0.04	-0.43	1.98e-04	-4.76e-05	5.60e-05
67	44	-0.03	4.15e-03	-0.48	5.51e-05	-1.83e-04	9.54e-05
67	64	-0.03	0.01	-0.49	1.74e-05	-1.55e-04	9.81e-05
67	71	-4.02e-03	-0.04	-0.43	1.98e-04	-4.76e-05	5.60e-05
67	74	-2.53e-03	-0.01	-0.46	1.02e-04	-3.98e-05	4.60e-05
67	75	-2.53e-03	-0.01	-0.46	1.02e-04	-3.98e-05	4.60e-05
67	76	-2.53e-03	-0.01	-0.46	1.02e-04	-3.98e-05	4.60e-05
68	1	-0.03	-3.54e-03	-0.49	7.30e-05	-1.87e-04	1.32e-05
68	3	-0.02	2.84e-03	-0.50	2.70e-05	-1.54e-04	2.06e-06
68	7	-0.02	-2.09e-03	-0.38	5.02e-05	-1.40e-04	8.97e-06
68	8	-0.02	2.16e-03	-0.38	1.95e-05	-1.17e-04	1.53e-06
68	12	-0.04	0.02	-0.37	-1.05e-04	-1.47e-04	-2.54e-05
68	38	-6.03e-03	0.03	-0.41	-1.53e-04	-4.75e-04	-4.75e-05
68	40	-0.02	0.04	-0.40	-2.04e-04	-1.44e-04	-5.70e-05
68	44	-0.04	0.02	-0.37	-1.05e-04	-1.47e-04	-2.54e-05
68	70	-6.03e-03	0.03	-0.41	-1.53e-04	-1.32e-04	-4.75e-05
68	72	-0.02	0.04	-0.40	-2.04e-04	-1.44e-04	-5.70e-05
68	74	-0.02	7.90e-04	-0.37	2.35e-05	-1.20e-04	3.48e-06
68	75	-0.02	7.90e-04	-0.37	2.35e-05	-1.20e-04	3.48e-06
68	76	-0.02	7.90e-04	-0.37	2.35e-05	-1.20e-04	3.48e-06
69	1	-0.04	-0.02	-0.57	1.89e-04	-2.67e-04	5.51e-05
69	7	-0.03	-0.01	-0.44	1.37e-04	-1.99e-04	4.09e-05
69	12	-0.05	0.01	-0.43	1.79e-05	-2.36e-04	1.82e-05
69	34	-0.03	0.03	-0.46	-5.06e-06	-1.79e-04	2.84e-05
69	39	-0.01	-0.05	-0.40	2.34e-04	-1.25e-04	4.83e-05
69	44	-0.05	0.01	-0.43	1.79e-05	-2.36e-04	1.82e-05
69	66	-0.03	0.03	-0.46	-5.06e-06	-1.79e-04	2.84e-05
69	71	-0.01	-0.05	-0.40	2.34e-04	-1.25e-04	4.83e-05
69	74	-0.03	-8.08e-03	-0.43	9.96e-05	-1.69e-04	3.42e-05
69	75	-0.03	-8.08e-03	-0.43	9.96e-05	-1.69e-04	3.42e-05
69	76	-0.03	-8.08e-03	-0.43	9.96e-05	-1.69e-04	3.42e-05
70	1	-0.03	-4.25e-04	-0.44	6.02e-05	-1.67e-04	1.17e-05
70	3	-0.02	3.01e-03	-0.46	1.28e-05	-1.40e-04	1.39e-06
70	7	-0.02	-9.84e-06	-0.34	4.05e-05	-1.25e-04	7.88e-06
70	8	-0.02	2.28e-03	-0.35	8.90e-06	-1.07e-04	1.01e-06
70	12	-0.04	0.01	-0.34	-1.26e-04	-1.25e-04	-2.28e-05
70	32	-0.04	0.02	-0.36	-2.30e-04	-1.26e-04	-4.95e-05
70	34	-5.91e-03	0.02	-0.37	-1.82e-04	-1.16e-04	-4.33e-05
70	44	-0.04	0.01	-0.34	-1.26e-04	-1.25e-04	-2.28e-05
70	64	-0.04	0.02	-0.36	-2.30e-04	-1.26e-04	-4.95e-05
70	66	-5.91e-03	0.02	-0.37	-1.82e-04	-1.16e-04	-4.33e-05
70	74	-0.02	1.45e-03	-0.34	1.45e-05	-1.08e-04	2.79e-06
70	75	-0.02	1.45e-03	-0.34	1.45e-05	-1.08e-04	2.79e-06
70	76	-0.02	1.45e-03	-0.34	1.45e-05	-1.08e-04	2.79e-06
71	1	-4.89e-03	-1.13e-03	-0.57	1.14e-04	-3.19e-04	2.50e-05
71	4	-2.52e-03	1.67e-03	-0.43	4.57e-05	-1.78e-04	1.38e-05
71	7	-3.45e-03	-6.67e-04	-0.44	8.07e-05	-2.36e-04	1.83e-05
71	8	-2.43e-03	1.17e-03	-0.43	4.92e-05	-1.88e-04	1.41e-05
71	12	-0.03	2.31e-03	-0.42	-3.38e-05	-2.08e-04	-5.65e-06
71	34	0.01	0.02	-0.45	-6.09e-05	-2.03e-04	-1.22e-05
71	40	-6.21e-04	0.02	-0.45	-9.19e-05	-2.07e-04	-1.96e-05
71	44	-0.03	2.31e-03	-0.42	-3.38e-05	-2.08e-04	-5.65e-06
71	66	0.01	0.02	-0.45	-6.09e-05	-2.03e-04	-1.22e-05
71	72	-6.21e-04	0.02	-0.45	-9.19e-05	-2.07e-04	-1.96e-05
71	74	-2.02e-03	3.04e-04	-0.42	5.07e-05	-1.99e-04	1.39e-05
71	75	-2.02e-03	3.04e-04	-0.42	5.07e-05	-1.99e-04	1.39e-05
71	76	-2.02e-03	3.04e-04	-0.42	5.07e-05	-1.99e-04	1.39e-05
72	1	-0.03	4.95e-03	-0.39	4.81e-05	-1.54e-04	2.67e-05
72	3	-0.02	5.69e-03	-0.42	2.01e-06	-1.29e-04	1.98e-05
72	7	-0.02	3.79e-03	-0.30	3.16e-05	-1.15e-04	1.94e-05
72	8	-0.02	4.28e-03	-0.32	0.0	-9.78e-05	1.48e-05
72	12	-0.04	2.12e-03	-0.30	-1.35e-04	-1.12e-04	2.67e-06
72	30	-0.02	0.02	-0.33	-1.83e-04	-1.10e-04	4.70e-06
72	34	-5.88e-03	0.01	-0.34	-1.91e-04	-1.08e-04	4.08e-06
72	44	-0.04	2.12e-03	-0.30	-1.35e-04	-1.12e-04	2.67e-06
72	62	-0.02	0.02	-0.33	-1.83e-04	-1.10e-04	4.70e-06
72	66	-5.88e-03	0.01	-0.34	-1.91e-04	-1.08e-04	4.08e-06
72	74	-0.02	3.73e-03	-0.31	7.45e-06	-9.83e-05	1.46e-05
72	75	-0.02	3.73e-03	-0.31	7.45e-06	-9.83e-05	1.46e-05
72	76	-0.02	3.73e-03	-0.31	7.45e-06	-9.83e-05	1.46e-05

73	1	-0.10	-0.03	-0.62	3.04e-04	-3.21e-04	7.90e-05
73	7	-0.08	-0.02	-0.47	2.29e-04	-2.38e-04	6.22e-05
73	12	-0.19	0.09	-0.43	-1.35e-04	-2.23e-04	-1.83e-05
73	14	0.05	2.48e-03	-0.47	2.48e-04	-1.85e-04	1.19e-04
73	39	-0.07	-0.22	-0.44	7.98e-04	-1.76e-04	9.18e-05
73	44	-0.19	0.09	-0.43	-1.35e-04	-2.23e-04	-1.83e-05
73	46	0.05	2.48e-03	-0.47	2.48e-04	-1.85e-04	1.19e-04
73	71	-0.07	-0.22	-0.44	7.98e-04	-1.76e-04	9.18e-05
73	74	-0.07	-9.20e-03	-0.45	2.05e-04	-1.99e-04	6.87e-05
73	75	-0.07	-9.20e-03	-0.45	2.05e-04	-1.99e-04	6.87e-05
73	76	-0.07	-9.20e-03	-0.45	2.05e-04	-1.99e-04	6.87e-05
74	1	-0.12	-0.04	-0.58	0.0	-2.49e-04	2.50e-05
74	7	-0.09	-0.02	-0.44	-4.46e-06	-1.89e-04	2.02e-05
74	20	-0.22	0.10	-0.43	-3.26e-04	-4.21e-04	8.99e-05
74	34	4.10e-03	0.17	-0.46	-5.04e-04	-2.06e-04	-2.17e-05
74	39	-0.09	-0.22	-0.40	5.34e-04	-2.31e-05	6.40e-05
74	52	-0.22	0.10	-0.43	-3.26e-04	-4.21e-04	8.99e-05
74	66	4.10e-03	0.17	-0.46	-5.04e-04	-2.06e-04	-2.17e-05
74	71	-0.09	-0.22	-0.40	5.34e-04	-2.31e-05	6.40e-05
74	74	-0.08	-9.39e-03	-0.43	-2.58e-05	-1.74e-04	2.41e-05
74	75	-0.08	-9.39e-03	-0.43	-2.58e-05	-1.74e-04	2.41e-05
74	76	-0.08	-9.39e-03	-0.43	-2.58e-05	-1.74e-04	2.41e-05
75	1	-0.12	-0.02	-0.49	1.29e-05	-1.90e-04	3.77e-05
75	3	-0.11	6.86e-03	-0.51	-4.38e-05	-1.80e-04	4.34e-05
75	7	-0.09	-0.01	-0.38	3.82e-06	-1.43e-04	2.86e-05
75	8	-0.08	5.51e-03	-0.39	-3.40e-05	-1.36e-04	3.24e-05
75	20	-0.22	0.15	-0.37	-4.27e-04	-3.56e-04	-6.20e-05
75	38	-0.09	0.20	-0.41	-5.62e-04	9.59e-06	1.58e-06
75	40	-0.16	0.25	-0.40	-6.96e-04	-1.02e-04	-3.94e-05
75	52	-0.22	0.15	-0.37	-4.27e-04	-3.56e-04	-6.20e-05
75	70	-0.09	0.20	-0.41	-5.62e-04	9.59e-06	1.58e-06
75	72	-0.16	0.25	-0.40	-6.96e-04	-1.02e-04	-3.94e-05
75	74	-0.08	1.14e-03	-0.38	-2.50e-05	-1.28e-04	2.65e-05
75	75	-0.08	1.14e-03	-0.38	-2.50e-05	-1.28e-04	2.65e-05
75	76	-0.08	1.14e-03	-0.38	-2.50e-05	-1.28e-04	2.65e-05
76	1	-0.07	-0.01	-0.45	1.01e-04	-1.73e-04	3.14e-05
76	3	-0.05	5.53e-04	-0.47	5.01e-05	-1.54e-04	2.46e-05
76	7	-0.05	-9.16e-03	-0.35	7.18e-05	-1.29e-04	2.31e-05
76	8	-0.04	5.41e-04	-0.36	3.76e-05	-1.16e-04	1.86e-05
76	12	-0.07	0.04	-0.34	-9.87e-05	-2.13e-04	3.95e-06
76	31	-0.02	-0.08	-0.33	2.88e-04	-1.63e-05	3.74e-05
76	34	-0.04	0.06	-0.38	-1.49e-04	-1.33e-04	8.95e-06
76	44	-0.07	0.04	-0.34	-9.87e-05	-2.13e-04	3.95e-06
76	63	-0.02	-0.08	-0.33	2.88e-04	-1.63e-05	3.74e-05
76	66	-0.04	0.06	-0.38	-1.49e-04	-1.33e-04	8.95e-06
76	74	-0.04	-1.92e-03	-0.35	4.41e-05	-1.12e-04	1.87e-05
76	75	-0.04	-1.92e-03	-0.35	4.41e-05	-1.12e-04	1.87e-05
76	76	-0.04	-1.92e-03	-0.35	4.41e-05	-1.12e-04	1.87e-05
77	1	-0.14	-0.02	-0.45	3.84e-06	-1.56e-04	1.06e-05
77	3	-0.13	0.02	-0.47	-7.35e-05	-1.34e-04	1.62e-05
77	7	-0.11	-0.01	-0.35	-4.71e-06	-1.17e-04	8.14e-06
77	8	-0.10	0.01	-0.36	-5.63e-05	-1.03e-04	1.19e-05
77	20	-0.24	0.22	-0.35	-5.89e-04	-3.48e-04	-6.49e-05
77	32	-0.22	0.33	-0.37	-8.80e-04	-3.20e-04	-7.73e-05
77	34	-0.11	0.26	-0.38	-6.97e-04	-1.40e-04	-4.11e-05
77	52	-0.24	0.22	-0.35	-5.89e-04	-3.48e-04	-6.49e-05
77	64	-0.22	0.33	-0.37	-8.80e-04	-3.20e-04	-7.73e-05
77	66	-0.11	0.26	-0.38	-6.97e-04	-1.40e-04	-4.11e-05
77	74	-0.09	4.95e-03	-0.35	-4.03e-05	-1.05e-04	7.57e-06
77	75	-0.09	4.95e-03	-0.35	-4.03e-05	-1.05e-04	7.57e-06
77	76	-0.09	4.95e-03	-0.35	-4.03e-05	-1.05e-04	7.57e-06
78	1	-0.14	-0.01	-0.40	-6.71e-06	-4.02e-04	4.17e-05
78	3	-0.13	0.03	-0.42	-1.03e-04	-4.70e-04	5.31e-05
78	7	-0.11	-5.74e-03	-0.31	-1.41e-05	-3.07e-04	3.22e-05
78	8	-0.10	0.02	-0.33	-7.83e-05	-3.53e-04	3.99e-05
78	20	-0.24	0.28	-0.31	-7.68e-04	-6.06e-04	2.15e-04
78	32	-0.22	0.40	-0.33	-1.10e-03	-5.66e-04	2.60e-04
78	34	-0.11	0.31	-0.34	-8.35e-04	-1.12e-04	2.29e-04
78	52	-0.24	0.28	-0.31	-7.68e-04	-6.06e-04	2.15e-04
78	64	-0.22	0.40	-0.33	-1.10e-03	-5.66e-04	2.60e-04
78	66	-0.11	0.31	-0.34	-8.35e-04	-1.12e-04	2.29e-04
78	74	-0.09	0.01	-0.31	-5.52e-05	-2.97e-04	3.31e-05
78	75	-0.09	0.01	-0.31	-5.52e-05	-2.97e-04	3.31e-05
78	76	-0.09	0.01	-0.31	-5.52e-05	-2.97e-04	3.31e-05
79	1	-0.02	-1.54e-03	-0.46	6.71e-05	-1.90e-04	1.50e-05
79	3	-0.02	1.87e-03	-0.47	2.04e-05	-1.59e-04	4.87e-06
79	4	-0.01	1.94e-03	-0.36	9.71e-06	-1.19e-04	2.39e-06

79	7	-0.02	-8.67e-04	-0.35	4.59e-05	-1.42e-04	1.05e-05
79	8	-0.01	1.41e-03	-0.36	1.47e-05	-1.21e-04	3.68e-06
79	12	-0.04	0.01	-0.32	-1.21e-04	-1.49e-04	-2.01e-05
79	31	2.89e-03	-0.02	-0.38	2.66e-04	-7.53e-05	5.74e-05
79	32	-0.03	0.02	-0.32	-2.26e-04	-1.68e-04	-4.66e-05
79	44	-0.04	0.01	-0.32	-1.21e-04	-1.49e-04	-2.01e-05
79	63	2.89e-03	-0.02	-0.38	2.66e-04	-7.53e-05	5.74e-05
79	64	-0.03	0.02	-0.32	-2.26e-04	-1.68e-04	-4.66e-05
79	74	-0.01	5.82e-04	-0.35	2.00e-05	-1.21e-04	5.41e-06
79	75	-0.01	5.82e-04	-0.35	2.00e-05	-1.21e-04	5.41e-06
79	76	-0.01	5.82e-04	-0.35	2.00e-05	-1.21e-04	5.41e-06
80	1	-0.13	-0.01	-0.41	2.52e-05	-3.98e-04	3.84e-05
80	3	-0.12	0.03	-0.43	-7.10e-05	-4.53e-04	4.95e-05
80	7	-0.10	-5.73e-03	-0.32	1.05e-05	-3.03e-04	2.97e-05
80	8	-0.09	0.02	-0.33	-5.37e-05	-3.39e-04	3.71e-05
80	12	-0.21	0.24	-0.28	-6.50e-04	-5.45e-04	-1.05e-05
80	31	1.12e-03	-0.37	-0.36	1.01e-03	-1.05e-04	-1.97e-04
80	32	-0.18	0.40	-0.27	-1.07e-03	-4.73e-04	2.58e-04
80	44	-0.21	0.24	-0.28	-6.50e-04	-5.45e-04	-1.05e-05
80	63	1.12e-03	-0.37	-0.36	1.01e-03	-1.05e-04	-1.97e-04
80	64	-0.18	0.40	-0.27	-1.07e-03	-4.73e-04	2.58e-04
80	74	-0.09	0.01	-0.32	-3.08e-05	-2.89e-04	3.05e-05
80	75	-0.09	0.01	-0.32	-3.08e-05	-2.89e-04	3.05e-05
80	76	-0.09	0.01	-0.32	-3.08e-05	-2.89e-04	3.05e-05
81	1	-0.13	-0.02	-0.47	3.17e-05	-1.57e-04	2.05e-05
81	3	-0.12	0.02	-0.48	-4.63e-05	-1.25e-04	2.71e-05
81	7	-0.10	-0.01	-0.36	1.67e-05	-1.17e-04	1.58e-05
81	8	-0.09	0.01	-0.37	-3.53e-05	-9.55e-05	2.02e-05
81	12	-0.21	0.19	-0.33	-4.99e-04	-4.67e-04	-4.67e-05
81	31	1.38e-03	-0.32	-0.38	8.21e-04	4.15e-05	9.84e-05
81	32	-0.18	0.33	-0.33	-8.59e-04	-2.43e-04	-6.78e-05
81	44	-0.21	0.19	-0.33	-4.99e-04	-2.98e-04	-4.67e-05
81	63	1.38e-03	-0.32	-0.38	8.21e-04	4.15e-05	9.84e-05
81	64	-0.18	0.33	-0.33	-8.59e-04	-2.43e-04	-6.78e-05
81	74	-0.09	4.93e-03	-0.35	-1.90e-05	-1.01e-04	1.53e-05
81	75	-0.09	4.93e-03	-0.35	-1.90e-05	-1.01e-04	1.53e-05
81	76	-0.09	4.93e-03	-0.35	-1.90e-05	-1.01e-04	1.53e-05
82	1	-0.10	-0.02	-0.52	4.67e-05	-2.04e-04	2.92e-05
82	7	-0.08	-0.01	-0.40	2.97e-05	-1.53e-04	2.19e-05
82	12	-0.19	0.13	-0.36	-3.58e-04	-3.47e-04	-6.17e-05
82	19	0.05	-0.15	-0.41	4.07e-04	8.20e-05	1.16e-04
82	40	-0.07	0.25	-0.37	-6.70e-04	-2.49e-04	-5.51e-05
82	44	-0.19	0.13	-0.36	-3.58e-04	-3.47e-04	-6.17e-05
82	51	0.05	-0.15	-0.41	4.07e-04	8.20e-05	1.16e-04
82	72	-0.07	0.25	-0.37	-6.70e-04	-2.49e-04	-5.51e-05
82	74	-0.07	1.13e-03	-0.39	0.0	-1.33e-04	1.90e-05
82	75	-0.07	1.13e-03	-0.39	0.0	-1.33e-04	1.90e-05
82	76	-0.07	1.13e-03	-0.39	0.0	-1.33e-04	1.90e-05
83	1	-4.88e-03	4.68e-03	-0.49	9.93e-05	-3.20e-04	2.48e-05
83	3	-3.27e-03	6.54e-03	-0.50	4.65e-05	-2.45e-04	2.53e-05
83	7	-3.44e-03	3.60e-03	-0.38	6.95e-05	-2.37e-04	1.85e-05
83	8	-2.37e-03	4.84e-03	-0.38	3.43e-05	-1.87e-04	1.88e-05
83	12	-0.02	4.11e-03	-0.37	-6.94e-05	-1.93e-04	3.91e-06
83	30	-8.60e-03	0.02	-0.40	-9.22e-05	-2.16e-04	9.47e-06
83	34	0.01	0.02	-0.40	-9.59e-05	-2.11e-04	9.53e-06
83	44	-0.02	4.11e-03	-0.37	-6.94e-05	-1.93e-04	3.91e-06
83	62	-8.60e-03	0.02	-0.40	-9.22e-05	-2.16e-04	9.47e-06
83	66	0.01	0.02	-0.40	-9.59e-05	-2.11e-04	9.53e-06
83	74	-1.99e-03	3.67e-03	-0.37	3.90e-05	-1.99e-04	1.60e-05
83	75	-1.99e-03	3.67e-03	-0.37	3.90e-05	-1.99e-04	1.60e-05
83	76	-1.99e-03	3.67e-03	-0.37	3.90e-05	-1.99e-04	1.60e-05
84	1	-0.06	-0.01	-0.47	4.22e-05	-1.77e-04	1.57e-05
84	3	-0.05	1.77e-03	-0.47	-8.82e-06	-1.54e-04	8.89e-06
84	7	-0.05	-8.22e-03	-0.36	2.63e-05	-1.32e-04	1.11e-05
84	8	-0.04	1.47e-03	-0.36	-7.73e-06	-1.17e-04	6.55e-06
84	12	-0.07	0.04	-0.33	-1.40e-04	-1.99e-04	-8.01e-06
84	31	-0.01	-0.08	-0.38	2.39e-04	-4.23e-05	2.57e-05
84	44	-0.07	0.04	-0.33	-1.40e-04	-1.99e-04	-8.01e-06
84	63	-0.01	-0.08	-0.38	2.39e-04	-4.23e-05	2.57e-05
84	74	-0.04	-9.80e-04	-0.35	-1.30e-06	-1.13e-04	6.66e-06
84	75	-0.04	-9.80e-04	-0.35	-1.30e-06	-1.13e-04	6.66e-06
84	76	-0.04	-9.80e-04	-0.35	-1.30e-06	-1.13e-04	6.66e-06
85	1	-0.07	-5.69e-03	-0.40	7.71e-05	-2.02e-04	2.41e-05
85	3	-0.05	6.85e-03	-0.42	1.17e-05	-1.68e-04	1.78e-05
85	4	-0.04	7.04e-03	-0.33	0.0	-1.25e-04	1.31e-05
85	7	-0.05	-3.08e-03	-0.31	5.23e-05	-1.51e-04	1.76e-05
85	8	-0.04	5.28e-03	-0.32	8.68e-06	-1.29e-04	1.34e-05

85	12	-0.07	0.05	-0.30	-2.31e-04	-2.46e-04	-4.31e-06
85	32	-0.07	0.08	-0.33	-4.07e-04	-2.43e-04	-7.13e-06
85	34	-0.04	0.07	-0.34	-3.07e-04	-1.60e-04	7.28e-06
85	44	-0.07	0.05	-0.30	-2.31e-04	-2.46e-04	-4.31e-06
85	64	-0.07	0.08	-0.33	-4.07e-04	-2.43e-04	-7.13e-06
85	66	-0.04	0.07	-0.34	-3.07e-04	-1.60e-04	7.28e-06
85	74	-0.04	2.80e-03	-0.31	2.06e-05	-1.33e-04	1.33e-05
85	75	-0.04	2.80e-03	-0.31	2.06e-05	-1.33e-04	1.33e-05
85	76	-0.04	2.80e-03	-0.31	2.06e-05	-1.33e-04	1.33e-05
86	1	-0.06	-5.50e-03	-0.41	1.33e-05	-2.05e-04	2.61e-05
86	3	-0.05	7.04e-03	-0.42	-5.23e-05	-1.67e-04	1.99e-05
86	4	-0.03	7.19e-03	-0.33	-4.93e-05	-1.23e-04	1.47e-05
86	7	-0.05	-2.93e-03	-0.31	3.27e-06	-1.53e-04	1.91e-05
86	8	-0.04	5.43e-03	-0.32	-4.05e-05	-1.28e-04	1.49e-05
86	12	-0.07	0.05	-0.28	-2.77e-04	-2.22e-04	-2.84e-06
86	31	-0.01	-0.08	-0.36	3.97e-04	-6.51e-05	3.47e-05
86	32	-0.06	0.08	-0.27	-4.54e-04	-2.00e-04	-5.34e-06
86	44	-0.07	0.05	-0.28	-2.77e-04	-2.22e-04	-2.84e-06
86	63	-0.01	-0.08	-0.36	3.97e-04	-6.51e-05	3.47e-05
86	64	-0.06	0.08	-0.27	-4.54e-04	-2.00e-04	-5.34e-06
86	74	-0.04	2.93e-03	-0.31	-2.83e-05	-1.33e-04	1.47e-05
86	75	-0.04	2.93e-03	-0.31	-2.83e-05	-1.33e-04	1.47e-05
86	76	-0.04	2.93e-03	-0.31	-2.83e-05	-1.33e-04	1.47e-05
87	1	-0.04	-7.26e-03	-0.49	1.18e-04	-2.59e-04	4.20e-05
87	3	-0.03	1.05e-03	-0.50	6.75e-05	-2.16e-04	3.51e-05
87	7	-0.03	-4.70e-03	-0.38	8.43e-05	-1.93e-04	3.11e-05
87	8	-0.02	8.39e-04	-0.38	5.05e-05	-1.65e-04	2.65e-05
87	12	-0.05	0.02	-0.37	-7.17e-05	-2.66e-04	9.14e-06
87	38	-0.03	0.04	-0.41	-1.07e-04	-1.88e-04	2.10e-05
87	39	-0.01	-0.05	-0.34	2.68e-04	-9.45e-05	3.96e-05
87	44	-0.05	0.02	-0.37	-7.17e-05	-2.66e-04	9.14e-06
87	70	-0.03	0.04	-0.41	-1.07e-04	-1.88e-04	2.10e-05
87	71	-0.01	-0.05	-0.34	2.68e-04	-9.45e-05	3.96e-05
87	74	-0.03	-6.85e-04	-0.37	5.48e-05	-1.65e-04	2.56e-05
87	75	-0.03	-6.85e-04	-0.37	5.48e-05	-1.65e-04	2.56e-05
87	76	-0.03	-6.85e-04	-0.37	5.48e-05	-1.65e-04	2.56e-05
88	1	-0.03	-8.24e-03	-0.52	7.00e-05	-2.38e-04	3.13e-05
88	7	-0.02	-5.46e-03	-0.39	4.71e-05	-1.77e-04	2.27e-05
88	12	-0.05	0.02	-0.36	-1.09e-04	-2.35e-04	1.00e-06
88	19	6.16e-03	-0.03	-0.40	1.58e-04	-6.88e-05	3.55e-05
88	39	-6.04e-03	-0.05	-0.40	2.32e-04	-1.07e-04	3.10e-05
88	44	-0.05	0.02	-0.36	-1.09e-04	-2.35e-04	1.00e-06
88	51	6.16e-03	-0.03	-0.40	1.58e-04	-6.88e-05	3.55e-05
88	71	-6.04e-03	-0.05	-0.40	2.32e-04	-1.07e-04	3.10e-05
88	74	-0.02	-1.45e-03	-0.38	1.71e-05	-1.51e-04	1.67e-05
88	75	-0.02	-1.45e-03	-0.38	1.71e-05	-1.51e-04	1.67e-05
88	76	-0.02	-1.45e-03	-0.38	1.71e-05	-1.51e-04	1.67e-05
89	1	-1.89e-04	-8.81e-03	-0.67	1.37e-04	-1.38e-04	3.25e-05
89	5	1.44e-03	-5.78e-03	-0.63	9.21e-05	-1.08e-04	2.99e-05
89	7	8.66e-05	-6.33e-03	-0.51	9.86e-05	-1.02e-04	2.46e-05
89	9	1.17e-03	-4.31e-03	-0.48	6.88e-05	-8.12e-05	2.29e-05
89	11	0.02	-0.02	-0.48	1.21e-04	-5.19e-05	2.97e-05
89	34	0.01	0.02	-0.50	-4.65e-06	-8.73e-05	1.66e-05
89	39	3.08e-04	-0.03	-0.46	1.60e-04	-6.08e-05	2.82e-05
89	43	0.02	-0.02	-0.48	1.21e-04	-5.19e-05	2.97e-05
89	66	0.01	0.02	-0.50	-4.65e-06	-8.73e-05	1.66e-05
89	71	3.08e-04	-0.03	-0.46	1.60e-04	-6.08e-05	2.82e-05
89	74	1.17e-03	-4.31e-03	-0.48	6.88e-05	-8.12e-05	2.29e-05
89	75	1.17e-03	-4.31e-03	-0.48	6.88e-05	-8.12e-05	2.29e-05
89	76	1.17e-03	-4.31e-03	-0.48	6.88e-05	-8.12e-05	2.29e-05
90	1	-0.01	-0.01	-0.64	1.29e-04	-2.65e-04	7.23e-05
90	7	-9.96e-03	-9.67e-03	-0.49	9.28e-05	-1.96e-04	5.22e-05
90	12	-0.03	0.01	-0.46	2.88e-05	-1.86e-04	1.80e-05
90	34	6.39e-03	0.03	-0.49	-1.62e-06	-1.65e-04	0.0
90	39	-7.80e-03	-0.04	-0.45	1.44e-04	-1.49e-04	8.02e-05
90	44	-0.03	0.01	-0.46	2.88e-05	-1.86e-04	1.80e-05
90	66	6.39e-03	0.03	-0.49	-1.62e-06	-1.65e-04	0.0
90	71	-7.80e-03	-0.04	-0.45	1.44e-04	-1.49e-04	8.02e-05
90	74	-6.89e-03	-5.85e-03	-0.47	6.58e-05	-1.63e-04	3.71e-05
90	75	-6.89e-03	-5.85e-03	-0.47	6.58e-05	-1.63e-04	3.71e-05
90	76	-6.89e-03	-5.85e-03	-0.47	6.58e-05	-1.63e-04	3.71e-05
91	1	-9.35e-03	-0.01	-0.66	1.26e-04	-2.36e-04	6.80e-05
91	7	-6.61e-03	-9.73e-03	-0.50	9.13e-05	-1.74e-04	4.91e-05
91	12	-0.03	0.01	-0.47	6.52e-05	-1.27e-04	3.33e-05
91	34	-4.12e-03	0.03	-0.48	-6.57e-06	-1.76e-04	-7.22e-06
91	39	7.52e-03	-0.04	-0.47	1.28e-04	-1.27e-04	7.14e-05
91	44	-0.03	0.01	-0.47	6.52e-05	-1.27e-04	3.33e-05

91	66	-4.12e-03	0.03	-0.48	-6.57e-06	-1.76e-04	-7.22e-06
91	71	7.52e-03	-0.04	-0.47	1.28e-04	-1.27e-04	7.14e-05
91	74	-4.00e-03	-5.92e-03	-0.47	6.55e-05	-1.44e-04	3.47e-05
91	75	-4.00e-03	-5.92e-03	-0.47	6.55e-05	-1.44e-04	3.47e-05
91	76	-4.00e-03	-5.92e-03	-0.47	6.55e-05	-1.44e-04	3.47e-05
92	1	-0.02	-0.01	-0.62	1.05e-04	-2.93e-04	6.09e-05
92	7	-0.01	-9.61e-03	-0.48	7.45e-05	-2.17e-04	4.33e-05
92	12	-0.03	0.01	-0.46	-3.28e-05	-1.72e-04	-1.79e-05
92	34	3.05e-03	0.03	-0.49	-4.99e-06	-1.93e-04	-4.56e-06
92	39	-0.01	-0.04	-0.43	1.34e-04	-1.76e-04	8.01e-05
92	44	-0.03	0.01	-0.46	-3.28e-05	-1.72e-04	-1.79e-05
92	66	3.05e-03	0.03	-0.49	-4.99e-06	-1.93e-04	-4.56e-06
92	71	-0.01	-0.04	-0.43	1.34e-04	-1.76e-04	8.01e-05
92	74	-0.01	-5.79e-03	-0.46	4.69e-05	-1.80e-04	2.78e-05
92	75	-0.01	-5.79e-03	-0.46	4.69e-05	-1.80e-04	2.78e-05
92	76	-0.01	-5.79e-03	-0.46	4.69e-05	-1.80e-04	2.78e-05
93	1	-0.04	-0.02	-0.60	1.45e-04	-3.25e-04	4.38e-05
93	7	-0.03	-0.01	-0.46	1.04e-04	-2.42e-04	3.23e-05
93	12	-0.05	0.02	-0.43	-3.75e-06	-2.24e-04	1.55e-05
93	34	-0.02	0.03	-0.46	7.71e-06	-2.19e-04	4.25e-05
93	39	-7.73e-03	-0.05	-0.42	1.59e-04	-1.84e-04	2.01e-05
93	44	-0.05	0.02	-0.43	-3.75e-06	-2.24e-04	1.55e-05
93	66	-0.02	0.03	-0.46	7.71e-06	-2.19e-04	4.25e-05
93	71	-7.73e-03	-0.05	-0.42	1.59e-04	-1.84e-04	2.01e-05
93	74	-0.02	-7.42e-03	-0.44	6.80e-05	-2.06e-04	2.63e-05
93	75	-0.02	-7.42e-03	-0.44	6.80e-05	-2.06e-04	2.63e-05
93	76	-0.02	-7.42e-03	-0.44	6.80e-05	-2.06e-04	2.63e-05
94	1	-0.04	-0.01	-0.56	1.35e-04	-3.86e-04	-1.60e-06
94	7	-0.03	-8.78e-03	-0.42	9.59e-05	-2.87e-04	-1.24e-06
94	12	-0.05	0.02	-0.40	-4.72e-05	-2.41e-04	1.49e-05
94	34	-0.02	0.03	-0.43	-5.99e-05	-2.66e-04	1.93e-05
94	39	-7.84e-03	-0.05	-0.40	2.25e-04	-2.17e-04	-2.81e-05
94	44	-0.05	0.02	-0.40	-4.72e-05	-2.41e-04	1.49e-05
94	66	-0.02	0.03	-0.43	-5.99e-05	-2.66e-04	1.93e-05
94	71	-7.84e-03	-0.05	-0.40	2.25e-04	-2.17e-04	-2.81e-05
94	74	-0.02	-4.01e-03	-0.41	6.14e-05	-2.42e-04	-1.29e-06
94	75	-0.02	-4.01e-03	-0.41	6.14e-05	-2.42e-04	-1.29e-06
94	76	-0.02	-4.01e-03	-0.41	6.14e-05	-2.42e-04	-1.29e-06
95	1	-0.03	-0.01	-0.57	1.39e-04	-4.13e-04	6.09e-06
95	7	-0.02	-8.82e-03	-0.43	9.97e-05	-3.07e-04	4.45e-06
95	10	1.21e-04	-2.79e-03	-0.44	9.26e-05	-3.77e-04	-2.05e-05
95	12	-0.05	0.02	-0.40	-3.79e-05	-1.81e-04	2.10e-05
95	39	-5.23e-03	-0.05	-0.42	2.12e-04	-1.95e-04	4.30e-06
95	42	1.21e-04	-2.79e-03	-0.44	9.26e-05	-3.77e-04	-2.05e-05
95	44	-0.05	0.02	-0.40	-3.79e-05	-1.81e-04	2.10e-05
95	71	-5.23e-03	-0.05	-0.42	2.12e-04	-1.95e-04	4.30e-06
95	74	-0.02	-4.04e-03	-0.42	6.63e-05	-2.59e-04	3.47e-06
95	75	-0.02	-4.04e-03	-0.42	6.63e-05	-2.59e-04	3.47e-06
95	76	-0.02	-4.04e-03	-0.42	6.63e-05	-2.59e-04	3.47e-06
96	1	-0.04	-0.01	-0.54	1.24e-04	-3.54e-04	1.05e-06
96	3	-0.03	-3.50e-03	-0.54	6.49e-05	-2.74e-04	1.40e-06
96	7	-0.03	-8.79e-03	-0.41	8.75e-05	-2.63e-04	0.0
96	8	-0.02	-2.59e-03	-0.41	4.81e-05	-2.10e-04	1.09e-06
96	12	-0.05	0.02	-0.40	-5.46e-05	-1.22e-04	1.37e-05
96	34	-0.03	0.03	-0.44	-4.77e-05	-1.86e-04	-9.74e-06
96	39	-0.01	-0.05	-0.37	1.97e-04	-3.04e-04	2.48e-06
96	44	-0.05	0.02	-0.40	-5.46e-05	-1.22e-04	1.37e-05
96	66	-0.03	0.03	-0.44	-4.77e-05	-1.86e-04	-9.74e-06
96	71	-0.01	-0.05	-0.37	1.97e-04	-3.04e-04	2.48e-06
96	74	-0.03	-4.01e-03	-0.40	5.27e-05	-2.22e-04	1.09e-06
96	75	-0.03	-4.01e-03	-0.40	5.27e-05	-2.22e-04	1.09e-06
96	76	-0.03	-4.01e-03	-0.40	5.27e-05	-2.22e-04	1.09e-06
97	1	-0.04	-7.64e-03	-0.51	1.05e-04	-2.72e-04	4.44e-05
97	3	-0.03	6.43e-04	-0.51	5.27e-05	-2.14e-04	3.57e-05
97	7	-0.03	-5.00e-03	-0.39	7.40e-05	-2.02e-04	3.26e-05
97	8	-0.02	5.25e-04	-0.39	3.90e-05	-1.63e-04	2.69e-05
97	12	-0.05	0.02	-0.37	-5.90e-05	-1.57e-04	1.67e-05
97	34	-0.02	0.04	-0.40	-7.21e-05	-2.01e-04	1.89e-05
97	39	-7.49e-03	-0.05	-0.37	2.00e-04	-1.50e-04	4.30e-05
97	44	-0.05	0.02	-0.37	-5.90e-05	-1.57e-04	1.67e-05
97	66	-0.02	0.04	-0.40	-7.21e-05	-2.01e-04	1.89e-05
97	71	-7.49e-03	-0.05	-0.37	2.00e-04	-1.50e-04	4.30e-05
97	74	-0.02	-9.90e-04	-0.38	4.36e-05	-1.70e-04	2.62e-05
97	75	-0.02	-9.90e-04	-0.38	4.36e-05	-1.70e-04	2.62e-05
97	76	-0.02	-9.90e-04	-0.38	4.36e-05	-1.70e-04	2.62e-05
98	1	-0.05	-0.01	-0.49	7.94e-05	-1.55e-04	5.03e-05
98	3	-0.04	8.09e-04	-0.50	3.92e-05	-1.26e-04	2.55e-05

98	7	-0.04	-6.92e-03	-0.37	5.58e-05	-1.15e-04	3.55e-05
98	8	-0.03	6.98e-04	-0.38	2.90e-05	-9.60e-05	1.90e-05
98	12	-0.06	0.03	-0.36	-5.72e-05	-1.56e-04	-3.10e-05
98	14	-8.55e-03	-2.18e-03	-0.38	4.46e-05	-6.23e-05	2.06e-05
98	39	-0.01	-0.06	-0.36	1.80e-04	-5.35e-05	1.22e-04
98	44	-0.06	0.03	-0.36	-5.72e-05	-1.56e-04	-3.10e-05
98	46	-8.55e-03	-2.18e-03	-0.38	4.46e-05	-6.23e-05	2.06e-05
98	71	-0.01	-0.06	-0.36	1.80e-04	-5.35e-05	1.22e-04
98	74	-0.03	-1.28e-03	-0.37	3.24e-05	-9.77e-05	2.15e-05
98	75	-0.03	-1.28e-03	-0.37	3.24e-05	-9.77e-05	2.15e-05
98	76	-0.03	-1.28e-03	-0.37	3.24e-05	-9.77e-05	2.15e-05
99	1	-0.05	-0.01	-0.50	1.04e-04	-1.64e-04	5.11e-05
99	3	-0.03	8.10e-04	-0.50	6.23e-05	-1.36e-04	3.28e-05
99	7	-0.03	-6.91e-03	-0.38	7.48e-05	-1.22e-04	3.68e-05
99	8	-0.03	6.98e-04	-0.38	4.68e-05	-1.04e-04	2.46e-05
99	12	-0.06	0.03	-0.35	7.18e-05	-7.30e-05	-1.56e-04
99	19	3.80e-04	-0.04	-0.40	2.93e-05	-1.37e-04	2.08e-04
99	39	-0.01	-0.06	-0.39	1.90e-04	-6.08e-05	1.17e-04
99	44	-0.06	0.03	-0.35	7.18e-05	-7.30e-05	-1.56e-04
99	51	3.80e-04	-0.04	-0.40	2.93e-05	-1.37e-04	2.08e-04
99	71	-0.01	-0.06	-0.39	1.90e-04	-6.08e-05	1.17e-04
99	74	-0.03	-1.28e-03	-0.37	5.09e-05	-1.04e-04	2.51e-05
99	75	-0.03	-1.28e-03	-0.37	5.09e-05	-1.04e-04	2.51e-05
99	76	-0.03	-1.28e-03	-0.37	5.09e-05	-1.04e-04	2.51e-05
100	1	-0.05	-0.01	-0.47	5.52e-05	-1.45e-04	4.15e-05
100	3	-0.04	8.22e-04	-0.49	1.44e-05	-1.19e-04	1.51e-05
100	7	-0.04	-6.91e-03	-0.36	3.72e-05	-1.08e-04	2.85e-05
100	8	-0.03	7.08e-04	-0.38	1.00e-05	-9.04e-05	1.08e-05
100	12	-0.06	0.03	-0.36	-8.98e-05	-6.21e-05	2.11e-05
100	34	-0.03	0.05	-0.40	-1.15e-04	-1.23e-04	-1.43e-05
100	39	-0.02	-0.06	-0.34	1.82e-04	-8.62e-05	3.11e-05
100	44	-0.06	0.03	-0.36	-8.98e-05	-6.21e-05	2.11e-05
100	66	-0.03	0.05	-0.40	-1.15e-04	-1.23e-04	-1.43e-05
100	71	-0.02	-0.06	-0.34	1.82e-04	-8.62e-05	3.11e-05
100	74	-0.03	-1.27e-03	-0.36	1.40e-05	-9.22e-05	1.31e-05
100	75	-0.03	-1.27e-03	-0.36	1.40e-05	-9.22e-05	1.31e-05
100	76	-0.03	-1.27e-03	-0.36	1.40e-05	-9.22e-05	1.31e-05
101	1	-0.06	-0.01	-0.46	7.60e-05	-1.30e-04	2.45e-05
101	3	-0.05	1.12e-03	-0.48	2.61e-05	-1.08e-04	1.81e-05
101	7	-0.05	-8.72e-03	-0.36	5.23e-05	-9.64e-05	1.79e-05
101	8	-0.04	9.74e-04	-0.36	1.90e-05	-8.19e-05	1.36e-05
101	10	-0.02	-4.21e-03	-0.37	3.73e-05	-9.70e-05	2.31e-05
101	12	-0.07	0.04	-0.34	-8.30e-05	-7.72e-05	-6.89e-06
101	31	-0.01	-0.08	-0.35	2.05e-04	-6.03e-05	3.75e-05
101	42	-0.02	-4.21e-03	-0.37	3.73e-05	-9.70e-05	2.31e-05
101	44	-0.07	0.04	-0.34	-8.30e-05	-7.72e-05	-6.89e-06
101	63	-0.01	-0.08	-0.35	2.05e-04	-6.03e-05	3.75e-05
101	74	-0.04	-1.48e-03	-0.35	2.49e-05	-8.02e-05	1.35e-05
101	75	-0.04	-1.48e-03	-0.35	2.49e-05	-8.02e-05	1.35e-05
101	76	-0.04	-1.48e-03	-0.35	2.49e-05	-8.02e-05	1.35e-05
102	1	-0.06	-9.55e-03	-0.45	6.42e-05	-1.46e-04	0.0
102	3	-0.05	3.99e-03	-0.46	1.63e-05	-1.20e-04	0.0
102	7	-0.05	-5.89e-03	-0.35	4.37e-05	-1.08e-04	0.0
102	8	-0.04	3.13e-03	-0.36	1.17e-05	-9.10e-05	0.0
102	10	-0.02	-3.27e-03	-0.36	3.22e-05	-7.70e-05	0.0
102	12	-0.07	0.05	-0.33	-1.41e-04	-1.23e-04	0.0
102	32	-0.06	0.08	-0.35	-2.56e-04	-1.30e-04	0.0
102	42	-0.02	-3.27e-03	-0.36	3.22e-05	-7.70e-05	0.0
102	44	-0.07	0.05	-0.33	-1.41e-04	-1.23e-04	0.0
102	64	-0.06	0.08	-0.35	-2.56e-04	-1.30e-04	0.0
102	74	-0.04	6.66e-04	-0.35	1.79e-05	-9.06e-05	0.0
102	75	-0.04	6.66e-04	-0.35	1.79e-05	-9.06e-05	0.0
102	76	-0.04	6.66e-04	-0.35	1.79e-05	-9.06e-05	0.0
103	1	-0.06	-9.61e-03	-0.46	1.07e-04	-1.58e-04	0.0
103	3	-0.05	3.92e-03	-0.47	5.80e-05	-1.30e-04	0.0
103	7	-0.05	-5.94e-03	-0.35	7.66e-05	-1.17e-04	0.0
103	8	-0.04	3.08e-03	-0.36	4.38e-05	-9.81e-05	0.0
103	12	-0.07	0.05	-0.32	-5.63e-05	-5.35e-05	0.0
103	31	-0.01	-0.08	-0.38	2.38e-04	-6.44e-05	0.0
103	32	-0.06	0.08	-0.31	-1.37e-04	-1.31e-04	0.0
103	44	-0.07	0.05	-0.32	-5.63e-05	-5.35e-05	0.0
103	63	-0.01	-0.08	-0.38	2.38e-04	-6.44e-05	0.0
103	64	-0.06	0.08	-0.31	-1.37e-04	-1.31e-04	0.0
103	74	-0.04	6.14e-04	-0.35	5.05e-05	-9.77e-05	0.0
103	75	-0.04	6.14e-04	-0.35	5.05e-05	-9.77e-05	0.0
103	76	-0.04	6.14e-04	-0.35	5.05e-05	-9.77e-05	0.0
104	1	-0.07	-9.48e-03	-0.44	2.00e-05	-1.43e-04	0.0

104	3	-0.05	4.06e-03	-0.46	-2.86e-05	-1.19e-04	0.0
104	7	-0.05	-5.84e-03	-0.34	9.57e-06	-1.06e-04	0.0
104	8	-0.04	3.19e-03	-0.35	-2.29e-05	-9.02e-05	0.0
104	12	-0.07	0.05	-0.34	-1.32e-04	-1.16e-05	0.0
104	32	-0.07	0.08	-0.36	-2.10e-04	-1.60e-05	0.0
104	34	-0.04	0.06	-0.37	-1.70e-04	-1.40e-04	0.0
104	44	-0.07	0.05	-0.34	-1.32e-04	-1.16e-05	0.0
104	64	-0.07	0.08	-0.36	-2.10e-04	-1.60e-05	0.0
104	66	-0.04	0.06	-0.37	-1.70e-04	-1.40e-04	0.0
104	74	-0.04	7.21e-04	-0.34	-1.65e-05	-8.98e-05	0.0
104	75	-0.04	7.21e-04	-0.34	-1.65e-05	-8.98e-05	0.0
104	76	-0.04	7.21e-04	-0.34	-1.65e-05	-8.98e-05	0.0
105	1	-0.06	-5.61e-03	-0.41	5.49e-05	-2.16e-04	0.0
105	3	-0.05	6.93e-03	-0.43	1.18e-05	-1.86e-04	0.0
105	4	-0.04	7.10e-03	-0.34	3.50e-06	-1.39e-04	0.0
105	7	-0.05	-3.02e-03	-0.32	3.70e-05	-1.62e-04	0.0
105	8	-0.04	5.34e-03	-0.33	8.36e-06	-1.42e-04	0.0
105	11	-8.57e-03	-0.05	-0.34	6.63e-05	-1.45e-04	0.0
105	12	-0.07	0.05	-0.30	-3.85e-05	-1.42e-04	0.0
105	32	-0.06	0.08	-0.30	-7.47e-05	-1.63e-04	0.0
105	43	-8.57e-03	-0.05	-0.34	6.63e-05	-1.45e-04	0.0
105	44	-0.07	0.05	-0.30	-3.85e-05	-1.42e-04	0.0
105	64	-0.06	0.08	-0.30	-7.47e-05	-1.63e-04	0.0
105	74	-0.04	2.85e-03	-0.32	1.39e-05	-1.43e-04	0.0
105	75	-0.04	2.85e-03	-0.32	1.39e-05	-1.43e-04	0.0
105	76	-0.04	2.85e-03	-0.32	1.39e-05	-1.43e-04	0.0
106	1	-4.59e-03	0.03	-0.87	-2.42e-03	1.91e-04	-1.37e-03
106	3	-9.18e-03	0.04	-0.83	-3.20e-03	2.42e-04	-1.81e-03
106	7	-3.61e-03	0.02	-0.66	-1.86e-03	1.47e-04	-1.05e-03
106	8	-6.67e-03	0.03	-0.63	-2.38e-03	1.81e-04	-1.35e-03
106	17	-0.42	-3.26e-03	-0.63	-1.60e-03	-1.64e-04	-1.27e-03
106	28	-0.06	0.34	-0.56	-2.13e-03	2.38e-05	2.52e-04
106	29	-0.19	-0.25	-0.65	-1.48e-03	9.48e-05	-2.23e-03
106	49	-0.42	-3.26e-03	-0.63	-1.60e-03	-1.64e-04	-1.27e-03
106	60	-0.06	0.34	-0.56	-2.13e-03	2.38e-05	2.52e-04
106	61	-0.19	-0.25	-0.65	-1.48e-03	9.48e-05	-2.23e-03
106	74	-3.91e-03	0.03	-0.60	-1.85e-03	1.49e-04	-1.05e-03
106	75	-3.91e-03	0.03	-0.60	-1.85e-03	1.49e-04	-1.05e-03
106	76	-3.91e-03	0.03	-0.60	-1.85e-03	1.49e-04	-1.05e-03
107	1	3.46e-03	5.70e-03	-0.91	-3.71e-03	1.91e-04	-1.15e-03
107	5	2.85e-03	0.01	-0.82	-3.73e-03	1.89e-04	-1.14e-03
107	7	2.55e-03	5.11e-03	-0.69	-2.86e-03	1.47e-04	-8.83e-04
107	9	2.15e-03	0.01	-0.63	-2.87e-03	1.46e-04	-8.78e-04
107	14	0.43	0.10	-0.62	-3.09e-03	2.67e-04	-6.90e-04
107	27	0.06	-0.47	-0.68	-2.65e-03	2.00e-04	-2.22e-03
107	36	-0.05	0.51	-0.57	-3.12e-03	1.23e-04	4.90e-04
107	46	0.43	0.10	-0.62	-3.09e-03	2.67e-04	-6.90e-04
107	59	0.06	-0.47	-0.68	-2.65e-03	2.00e-04	-2.22e-03
107	68	-0.05	0.51	-0.57	-3.12e-03	1.23e-04	4.90e-04
107	74	2.15e-03	0.01	-0.63	-2.87e-03	1.46e-04	-8.78e-04
107	75	2.15e-03	0.01	-0.63	-2.87e-03	1.46e-04	-8.78e-04
107	76	2.15e-03	0.01	-0.63	-2.87e-03	1.46e-04	-8.78e-04
108	1	4.61e-03	-6.88e-03	-0.94	-4.32e-03	1.19e-04	-7.43e-04
108	2	3.60e-03	-7.64e-03	-0.73	-3.31e-03	9.15e-05	-5.72e-04
108	7	3.41e-03	-4.25e-03	-0.71	-3.33e-03	9.07e-05	-5.70e-04
108	14	0.43	0.14	-0.65	-3.51e-03	5.75e-05	-5.75e-04
108	35	0.06	-0.65	-0.70	-3.14e-03	6.03e-05	-1.32e-03
108	40	-0.03	0.65	-0.60	-3.57e-03	9.73e-05	1.70e-04
108	46	0.43	0.14	-0.65	-3.51e-03	5.75e-05	-5.75e-04
108	67	0.06	-0.65	-0.70	-3.14e-03	6.03e-05	-1.32e-03
108	72	-0.03	0.65	-0.60	-3.57e-03	9.73e-05	1.70e-04
108	74	2.88e-03	2.51e-03	-0.65	-3.35e-03	8.86e-05	-5.65e-04
108	75	2.88e-03	2.51e-03	-0.65	-3.35e-03	8.86e-05	-5.65e-04
108	76	2.88e-03	2.51e-03	-0.65	-3.35e-03	8.86e-05	-5.65e-04
109	1	-3.66e-03	-0.04	-0.94	-4.32e-03	-7.88e-05	5.60e-04
109	3	-6.58e-03	-0.03	-0.93	-5.91e-03	-1.17e-04	8.01e-04
109	7	-2.97e-03	-0.03	-0.71	-3.33e-03	-6.09e-05	4.34e-04
109	8	-4.91e-03	-0.02	-0.70	-4.39e-03	-8.63e-05	5.94e-04
109	17	-0.43	-0.14	-0.68	-3.37e-03	-3.24e-05	9.93e-04
109	27	0.18	-0.64	-0.68	-3.10e-03	-1.22e-04	1.19e-03
109	37	-0.19	-0.59	-0.70	-3.16e-03	-7.69e-05	1.47e-03
109	49	-0.43	-0.14	-0.68	-3.37e-03	-3.24e-05	9.93e-04
109	59	0.18	-0.64	-0.68	-3.10e-03	-1.22e-04	1.19e-03
109	69	-0.19	-0.59	-0.70	-3.16e-03	-7.69e-05	1.47e-03
109	74	-3.57e-03	-0.02	-0.65	-3.35e-03	-6.20e-05	4.46e-04
109	75	-3.57e-03	-0.02	-0.65	-3.35e-03	-6.20e-05	4.46e-04
109	76	-3.57e-03	-0.02	-0.65	-3.35e-03	-6.20e-05	4.46e-04

110	1	-3.75e-03	-0.05	-0.92	-3.71e-03	-1.61e-04	9.82e-04
110	3	-5.89e-03	-0.05	-0.90	-5.04e-03	-2.25e-04	1.36e-03
110	7	-3.04e-03	-0.04	-0.69	-2.86e-03	-1.24e-04	7.58e-04
110	8	-4.46e-03	-0.04	-0.68	-3.74e-03	-1.67e-04	1.01e-03
110	17	-0.43	-0.09	-0.67	-2.92e-03	-2.51e-04	1.42e-03
110	27	0.18	-0.50	-0.66	-2.55e-03	-1.16e-04	2.06e-03
110	37	-0.19	-0.43	-0.68	-2.66e-03	-1.87e-04	2.24e-03
110	49	-0.43	-0.09	-0.67	-2.92e-03	-2.51e-04	1.42e-03
110	59	0.18	-0.50	-0.66	-2.55e-03	-1.16e-04	2.06e-03
110	69	-0.19	-0.43	-0.68	-2.66e-03	-1.87e-04	2.24e-03
110	74	-3.66e-03	-0.03	-0.63	-2.87e-03	-1.26e-04	7.68e-04
110	75	-3.66e-03	-0.03	-0.63	-2.87e-03	-1.26e-04	7.68e-04
110	76	-3.66e-03	-0.03	-0.63	-2.87e-03	-1.26e-04	7.68e-04
111	1	3.01e-03	-0.05	-0.88	-2.39e-03	-1.77e-04	1.26e-03
111	3	3.94e-03	-0.04	-0.85	-3.18e-03	-2.31e-04	1.69e-03
111	7	2.17e-03	-0.03	-0.67	-1.84e-03	-1.37e-04	9.69e-04
111	8	2.79e-03	-0.03	-0.64	-2.36e-03	-1.73e-04	1.26e-03
111	14	0.42	-8.21e-03	-0.62	-1.75e-03	1.72e-04	3.69e-04
111	27	0.18	-0.30	-0.65	-1.46e-03	-8.55e-05	2.32e-03
111	39	0.03	-0.29	-0.65	-1.52e-03	-1.14e-04	2.24e-03
111	46	0.42	-8.21e-03	-0.62	-1.75e-03	1.72e-04	3.69e-04
111	59	0.18	-0.30	-0.65	-1.46e-03	-8.55e-05	2.32e-03
111	71	0.03	-0.29	-0.65	-1.52e-03	-1.14e-04	2.24e-03
111	74	1.57e-03	-0.02	-0.61	-1.84e-03	-1.41e-04	9.70e-04
111	75	1.57e-03	-0.02	-0.61	-1.84e-03	-1.41e-04	9.70e-04
111	76	1.57e-03	-0.02	-0.61	-1.84e-03	-1.41e-04	9.70e-04
112	3	-0.22	0.03	-1.08	3.37e-04	1.76e-03	1.10e-04
112	5	-0.17	0.03	-0.96	2.61e-04	1.32e-03	9.05e-05
112	8	-0.17	0.02	-0.82	2.52e-04	1.31e-03	8.33e-05
112	9	-0.13	0.02	-0.74	2.01e-04	1.02e-03	7.01e-05
112	12	-0.51	0.17	-0.71	2.43e-04	6.98e-04	5.92e-04
112	27	0.02	-0.29	-0.76	4.20e-04	1.16e-03	-1.16e-03
112	28	-0.27	0.34	-0.71	-1.78e-05	8.75e-04	1.30e-03
112	44	-0.51	0.17	-0.71	2.43e-04	6.98e-04	5.92e-04
112	59	0.02	-0.29	-0.76	4.20e-04	1.16e-03	-1.16e-03
112	60	-0.27	0.34	-0.71	-1.78e-05	8.75e-04	1.30e-03
112	74	-0.13	0.02	-0.74	2.01e-04	1.02e-03	7.01e-05
112	75	-0.13	0.02	-0.74	2.01e-04	1.02e-03	7.01e-05
112	76	-0.13	0.02	-0.74	2.01e-04	1.02e-03	7.01e-05
113	3	-0.09	7.94e-03	-1.47	8.05e-05	1.98e-03	-6.25e-05
113	5	-0.07	0.01	-1.25	6.37e-05	1.47e-03	-5.12e-05
113	8	-0.07	6.65e-03	-1.10	6.00e-05	1.47e-03	-4.64e-05
113	9	-0.05	0.01	-0.96	4.88e-05	1.14e-03	-3.89e-05
113	11	0.34	-0.18	-1.00	3.59e-06	1.23e-03	-5.88e-04
113	12	-0.45	0.21	-0.91	9.41e-05	1.04e-03	5.10e-04
113	36	-0.14	0.51	-0.92	-9.78e-05	1.16e-03	1.29e-03
113	43	0.34	-0.18	-1.00	3.59e-06	1.23e-03	-5.88e-04
113	44	-0.45	0.21	-0.91	9.41e-05	1.04e-03	5.10e-04
113	68	-0.14	0.51	-0.92	-9.78e-05	1.16e-03	1.29e-03
113	74	-0.05	0.01	-0.96	4.88e-05	1.14e-03	-3.89e-05
113	75	-0.05	0.01	-0.96	4.88e-05	1.14e-03	-3.89e-05
113	76	-0.05	0.01	-0.96	4.88e-05	1.14e-03	-3.89e-05
114	2	-0.02	-7.76e-03	-1.20	-1.39e-04	6.66e-04	-6.94e-05
114	3	-0.03	-5.37e-03	-1.76	-2.76e-04	1.21e-03	-9.28e-05
114	7	-0.02	-4.37e-03	-1.18	-1.46e-04	6.75e-04	-6.65e-05
114	8	-0.02	-3.26e-03	-1.32	-2.06e-04	9.01e-04	-6.93e-05
114	12	-0.41	0.24	-1.09	-1.38e-04	7.99e-04	4.06e-04
114	35	0.07	-0.65	-1.17	-7.61e-05	6.35e-04	-7.97e-04
114	40	-0.10	0.65	-1.09	-2.51e-04	7.51e-04	6.65e-04
114	44	-0.41	0.24	-1.09	-1.38e-04	7.99e-04	4.06e-04
114	67	0.07	-0.65	-1.17	-7.61e-05	6.35e-04	-7.97e-04
114	72	-0.10	0.65	-1.09	-2.51e-04	7.51e-04	6.65e-04
114	74	-0.02	2.39e-03	-1.13	-1.61e-04	6.95e-04	-5.94e-05
114	75	-0.02	2.39e-03	-1.13	-1.61e-04	6.95e-04	-5.94e-05
114	76	-0.02	2.39e-03	-1.13	-1.61e-04	6.95e-04	-5.94e-05
115	1	-0.02	-0.04	-1.55	-1.95e-04	-8.62e-04	-7.61e-05
115	3	-0.02	-0.03	-1.77	-2.87e-04	-1.20e-03	-6.93e-05
115	7	-0.01	-0.03	-1.18	-1.53e-04	-6.68e-04	-5.62e-05
115	8	-0.02	-0.02	-1.33	-2.14e-04	-8.95e-04	-5.17e-05
115	12	-0.41	0.22	-1.15	-2.76e-04	-5.88e-04	-3.44e-05
115	17	-0.40	-0.14	-1.17	-2.11e-04	-4.83e-04	4.83e-04
115	27	0.14	-0.64	-1.15	-3.96e-05	-7.56e-04	6.84e-04
115	44	-0.41	0.22	-1.15	-2.76e-04	-5.88e-04	-3.44e-05
115	49	-0.40	-0.14	-1.17	-2.11e-04	-6.10e-04	4.83e-04
115	59	0.14	-0.64	-1.15	-3.96e-05	-7.56e-04	6.84e-04
115	74	-0.01	-0.02	-1.13	-1.68e-04	-6.89e-04	-4.64e-05
115	75	-0.01	-0.02	-1.13	-1.68e-04	-6.89e-04	-4.64e-05

115	76	-0.01	-0.02	-1.13	-1.68e-04	-6.89e-04	-4.64e-05
116	1	0.03	-0.05	-1.33	6.09e-05	-1.42e-03	-8.37e-05
116	3	0.04	-0.05	-1.47	6.40e-05	-1.99e-03	-8.30e-05
116	7	0.02	-0.04	-1.01	4.57e-05	-1.10e-03	-6.25e-05
116	8	0.03	-0.04	-1.11	4.77e-05	-1.48e-03	-6.21e-05
116	11	0.41	-0.22	-0.93	1.92e-04	-1.05e-03	1.10e-04
116	17	-0.37	-0.09	-1.01	-5.10e-06	-1.23e-03	5.78e-04
116	27	0.17	-0.50	-0.97	2.53e-04	-1.07e-03	1.19e-03
116	43	0.41	-0.22	-0.93	1.92e-04	-1.05e-03	1.10e-04
116	49	-0.37	-0.09	-1.01	-5.10e-06	-1.23e-03	5.78e-04
116	59	0.17	-0.50	-0.97	2.53e-04	-1.07e-03	1.19e-03
116	74	0.02	-0.03	-0.96	3.91e-05	-1.14e-03	-5.51e-05
116	75	0.02	-0.03	-0.96	3.91e-05	-1.14e-03	-5.51e-05
116	76	0.02	-0.03	-0.96	3.91e-05	-1.14e-03	-5.51e-05
117	1	0.12	-0.05	-1.06	2.50e-04	-1.28e-03	-1.64e-04
117	3	0.17	-0.05	-1.08	3.27e-04	-1.80e-03	-2.02e-04
117	7	0.09	-0.04	-0.80	1.93e-04	-9.96e-04	-1.26e-04
117	8	0.13	-0.04	-0.82	2.44e-04	-1.34e-03	-1.51e-04
117	11	0.48	-0.17	-0.72	3.95e-04	-7.22e-04	6.69e-05
117	17	-0.29	-0.04	-0.76	1.53e-04	-1.36e-03	4.52e-04
117	27	0.24	-0.31	-0.75	5.04e-04	-9.03e-04	1.14e-03
117	43	0.48	-0.17	-0.72	3.95e-04	-7.22e-04	6.69e-05
117	49	-0.29	-0.04	-0.76	1.53e-04	-1.36e-03	4.52e-04
117	59	0.24	-0.31	-0.75	5.04e-04	-9.03e-04	1.14e-03
117	74	0.10	-0.03	-0.74	1.97e-04	-1.04e-03	-1.28e-04
117	75	0.10	-0.03	-0.74	1.97e-04	-1.04e-03	-1.28e-04
117	76	0.10	-0.03	-0.74	1.97e-04	-1.04e-03	-1.28e-04
118	3	-0.32	0.02	-1.15	-1.45e-04	2.01e-03	-1.21e-04
118	5	-0.24	0.03	-1.01	-1.10e-04	1.50e-03	-8.99e-05
118	8	-0.24	0.02	-0.86	-1.08e-04	1.49e-03	-8.97e-05
118	9	-0.18	0.02	-0.77	-8.46e-05	1.16e-03	-6.87e-05
118	11	0.16	-0.13	-0.80	6.70e-05	1.43e-03	-2.31e-04
118	24	-0.57	0.15	-0.75	-7.21e-05	8.61e-04	5.43e-04
118	28	-0.31	0.34	-0.76	-3.48e-04	1.03e-03	1.06e-03
118	43	0.16	-0.13	-0.80	6.70e-05	1.43e-03	-2.31e-04
118	56	-0.57	0.15	-0.75	-7.21e-05	8.61e-04	5.43e-04
118	60	-0.31	0.34	-0.76	-3.48e-04	1.03e-03	1.06e-03
118	74	-0.18	0.02	-0.77	-8.46e-05	1.16e-03	-6.87e-05
118	75	-0.18	0.02	-0.77	-8.46e-05	1.16e-03	-6.87e-05
118	76	-0.18	0.02	-0.77	-8.46e-05	1.16e-03	-6.87e-05
119	3	-0.16	7.60e-03	-1.58	-2.02e-04	2.25e-03	-1.03e-04
119	5	-0.12	0.01	-1.33	-1.49e-04	1.68e-03	-1.03e-04
119	8	-0.12	6.40e-03	-1.19	-1.50e-04	1.68e-03	-9.81e-05
119	9	-0.09	0.01	-1.02	-1.14e-04	1.29e-03	-7.88e-05
119	11	0.26	-0.18	-1.07	1.37e-05	1.38e-03	-6.45e-04
119	24	-0.49	0.21	-0.98	-2.28e-04	1.21e-03	4.96e-04
119	36	-0.23	0.51	-0.99	-3.03e-04	1.22e-03	1.25e-03
119	43	0.26	-0.18	-1.07	1.37e-05	1.38e-03	-6.45e-04
119	56	-0.49	0.21	-0.98	-2.28e-04	1.21e-03	4.96e-04
119	68	-0.23	0.51	-0.99	-3.03e-04	1.22e-03	1.25e-03
119	74	-0.09	0.01	-1.02	-1.14e-04	1.29e-03	-7.88e-05
119	75	-0.09	0.01	-1.02	-1.14e-04	1.29e-03	-7.88e-05
119	76	-0.09	0.01	-1.02	-1.14e-04	1.29e-03	-7.88e-05
120	2	-0.05	-7.99e-03	-1.29	-1.16e-04	7.54e-04	-7.62e-05
120	3	-0.09	-5.81e-03	-1.92	-2.09e-04	1.38e-03	-1.01e-04
120	7	-0.05	-4.61e-03	-1.26	-1.17e-04	7.66e-04	-7.24e-05
120	8	-0.07	-3.59e-03	-1.44	-1.55e-04	1.03e-03	-7.54e-05
120	11	0.29	-0.23	-1.26	-2.92e-05	6.75e-04	-5.29e-04
120	24	-0.44	0.25	-1.18	-1.88e-04	9.15e-04	2.86e-04
120	40	-0.20	0.65	-1.18	-2.26e-04	7.88e-04	6.58e-04
120	43	0.29	-0.23	-1.26	-2.92e-05	6.75e-04	-5.29e-04
120	56	-0.44	0.25	-1.18	-1.88e-04	9.15e-04	2.86e-04
120	72	-0.20	0.65	-1.18	-2.26e-04	7.88e-04	6.58e-04
120	74	-0.05	2.14e-03	-1.22	-1.17e-04	7.95e-04	-6.30e-05
120	75	-0.05	2.14e-03	-1.22	-1.17e-04	7.95e-04	-6.30e-05
120	76	-0.05	2.14e-03	-1.22	-1.17e-04	7.95e-04	-6.30e-05
121	1	-0.05	-0.04	-1.66	-1.66e-04	-1.00e-03	-5.73e-05
121	3	-0.07	-0.03	-1.92	-2.27e-04	-1.40e-03	-4.69e-05
121	7	-0.04	-0.03	-1.26	-1.27e-04	-7.79e-04	-4.23e-05
121	8	-0.05	-0.02	-1.44	-1.68e-04	-1.04e-03	-3.53e-05
121	24	-0.43	0.20	-1.26	-2.35e-04	-6.90e-04	-3.87e-05
121	25	-0.41	-0.15	-1.28	-1.65e-04	-7.08e-04	5.13e-04
121	27	0.08	-0.64	-1.23	-1.95e-06	-8.73e-04	7.00e-04
121	56	-0.43	0.20	-1.26	-2.35e-04	-6.90e-04	-3.87e-05
121	57	-0.41	-0.15	-1.28	-1.65e-04	-7.08e-04	5.13e-04
121	59	0.08	-0.64	-1.23	-1.95e-06	-8.73e-04	7.00e-04
121	74	-0.04	-0.02	-1.22	-1.28e-04	-8.07e-04	-3.45e-05

121	75	-0.04	-0.02	-1.22	-1.28e-04	-8.07e-04	-3.45e-05
121	76	-0.04	-0.02	-1.22	-1.28e-04	-8.07e-04	-3.45e-05
122	1	-1.34e-03	-0.05	-1.41	-1.68e-04	-1.56e-03	-1.54e-05
122	3	8.32e-04	-0.05	-1.58	-2.28e-04	-2.31e-03	5.42e-06
122	7	-1.11e-03	-0.04	-1.07	-1.29e-04	-1.28e-03	-1.04e-05
122	8	3.35e-04	-0.04	-1.19	-1.69e-04	-1.72e-03	3.52e-06
122	24	-0.39	0.15	-1.07	-2.62e-04	-1.39e-03	-1.67e-04
122	25	-0.37	-0.10	-1.09	-1.51e-04	-1.42e-03	6.38e-04
122	27	0.13	-0.50	-1.02	8.15e-05	-1.36e-03	1.25e-03
122	56	-0.39	0.15	-1.07	-2.62e-04	-1.39e-03	-1.67e-04
122	57	-0.37	-0.10	-1.09	-1.51e-04	-1.42e-03	6.38e-04
122	59	0.13	-0.50	-1.02	8.15e-05	-1.36e-03	1.25e-03
122	74	-1.11e-03	-0.03	-1.02	-1.29e-04	-1.33e-03	-4.38e-06
122	75	-1.11e-03	-0.03	-1.02	-1.29e-04	-1.33e-03	-4.38e-06
122	76	-1.11e-03	-0.03	-1.02	-1.29e-04	-1.33e-03	-4.38e-06
123	1	0.11	-0.06	-1.09	-1.30e-04	-1.54e-03	1.54e-05
123	3	0.16	-0.06	-1.13	-1.76e-04	-2.14e-03	3.39e-05
123	7	0.09	-0.04	-0.83	-9.96e-05	-1.18e-03	1.23e-05
123	8	0.12	-0.04	-0.85	-1.30e-04	-1.59e-03	2.46e-05
123	23	0.47	-0.17	-0.73	4.80e-05	-9.06e-04	2.14e-04
123	25	-0.27	-0.05	-0.80	-1.08e-04	-1.52e-03	5.63e-04
123	27	0.21	-0.31	-0.76	1.92e-04	-1.10e-03	1.40e-03
123	55	0.47	-0.17	-0.73	4.80e-05	-9.06e-04	2.14e-04
123	57	-0.27	-0.05	-0.80	-1.08e-04	-1.52e-03	5.63e-04
123	59	0.21	-0.31	-0.76	1.92e-04	-1.10e-03	1.40e-03
123	74	0.09	-0.03	-0.76	-1.01e-04	-1.23e-03	1.33e-05
123	75	0.09	-0.03	-0.76	-1.01e-04	-1.23e-03	1.33e-05
123	76	0.09	-0.03	-0.76	-1.01e-04	-1.23e-03	1.33e-05
124	3	-0.38	0.01	-1.13	2.56e-04	1.84e-03	8.86e-05
124	5	-0.29	0.02	-1.00	1.81e-04	1.37e-03	6.23e-05
124	8	-0.29	0.01	-0.86	1.90e-04	1.37e-03	6.58e-05
124	9	-0.22	0.02	-0.77	1.40e-04	1.06e-03	4.83e-05
124	19	0.13	-0.12	-0.79	2.95e-04	1.29e-03	-6.38e-05
124	24	-0.58	0.14	-0.75	-2.06e-05	8.29e-04	1.96e-04
124	28	-0.35	0.33	-0.75	-1.22e-04	9.65e-04	1.17e-03
124	51	0.13	-0.12	-0.79	2.95e-04	1.29e-03	-6.38e-05
124	56	-0.58	0.14	-0.75	-2.06e-05	8.29e-04	1.96e-04
124	60	-0.35	0.33	-0.75	-1.22e-04	9.65e-04	1.17e-03
124	74	-0.22	0.02	-0.77	1.40e-04	1.06e-03	4.83e-05
124	75	-0.22	0.02	-0.77	1.40e-04	1.06e-03	4.83e-05
124	76	-0.22	0.02	-0.77	1.40e-04	1.06e-03	4.83e-05
125	3	-0.24	7.06e-03	-1.54	4.21e-04	2.11e-03	6.11e-05
125	5	-0.18	0.01	-1.31	3.05e-04	1.57e-03	3.79e-05
125	8	-0.18	6.00e-03	-1.16	3.12e-04	1.57e-03	4.53e-05
125	9	-0.14	0.01	-1.00	2.35e-04	1.21e-03	2.98e-05
125	19	0.21	-0.18	-1.03	3.79e-04	1.29e-03	-5.57e-04
125	24	-0.50	0.21	-0.97	8.39e-05	1.12e-03	6.24e-04
125	36	-0.28	0.51	-0.98	2.92e-05	1.14e-03	1.23e-03
125	51	0.21	-0.18	-1.03	3.79e-04	1.29e-03	-5.57e-04
125	56	-0.50	0.21	-0.97	8.39e-05	1.12e-03	6.24e-04
125	68	-0.28	0.51	-0.98	2.92e-05	1.14e-03	1.23e-03
125	74	-0.14	0.01	-1.00	2.35e-04	1.21e-03	2.98e-05
125	75	-0.14	0.01	-1.00	2.35e-04	1.21e-03	2.98e-05
125	76	-0.14	0.01	-1.00	2.35e-04	1.21e-03	2.98e-05
126	2	-0.10	-8.23e-03	-1.25	2.84e-04	6.97e-04	-2.17e-05
126	3	-0.17	-6.24e-03	-1.86	5.09e-04	1.28e-03	-4.53e-06
126	7	-0.10	-4.85e-03	-1.23	2.84e-04	7.08e-04	-1.79e-05
126	8	-0.13	-3.91e-03	-1.40	3.78e-04	9.55e-04	-3.51e-06
126	15	0.18	-0.24	-1.22	4.07e-04	6.30e-04	-4.19e-04
126	24	-0.46	0.25	-1.15	1.54e-04	8.85e-04	3.44e-04
126	40	-0.26	0.65	-1.16	1.43e-04	7.26e-04	7.08e-04
126	47	0.18	-0.24	-1.22	4.07e-04	6.30e-04	-4.19e-04
126	56	-0.46	0.25	-1.15	1.54e-04	8.85e-04	3.44e-04
126	72	-0.26	0.65	-1.16	1.43e-04	7.26e-04	7.08e-04
126	74	-0.10	1.90e-03	-1.18	2.86e-04	7.35e-04	-8.53e-06
126	75	-0.10	1.90e-03	-1.18	2.86e-04	7.35e-04	-8.53e-06
126	76	-0.10	1.90e-03	-1.18	2.86e-04	7.35e-04	-8.53e-06
127	1	-0.12	-0.04	-1.61	3.93e-04	-1.00e-03	-1.34e-04
127	3	-0.16	-0.03	-1.85	5.40e-04	-1.39e-03	-1.53e-04
127	7	-0.09	-0.03	-1.23	3.03e-04	-7.75e-04	-1.01e-04
127	8	-0.12	-0.03	-1.39	4.02e-04	-1.14e-03	-1.14e-04
127	24	-0.45	0.20	-1.24	1.88e-04	-7.00e-04	-1.12e-04
127	25	-0.41	-0.15	-1.26	2.63e-04	-7.15e-04	4.41e-04
127	27	0.03	-0.64	-1.18	4.43e-04	-7.93e-04	6.45e-04
127	56	-0.45	0.20	-1.24	1.88e-04	-7.00e-04	-1.12e-04
127	57	-0.41	-0.15	-1.26	2.63e-04	-7.15e-04	4.41e-04
127	59	0.03	-0.64	-1.18	4.43e-04	-7.93e-04	6.45e-04

127	74	-0.09	-0.02	-1.18	3.05e-04	-7.99e-04	-9.40e-05
127	75	-0.09	-0.02	-1.18	3.05e-04	-7.99e-04	-9.40e-05
127	76	-0.09	-0.02	-1.18	3.05e-04	-7.99e-04	-9.40e-05
128	1	-0.07	-0.05	-1.37	3.56e-04	-1.63e-03	-1.72e-04
128	3	-0.09	-0.05	-1.52	4.78e-04	-2.26e-03	-2.06e-04
128	7	-0.05	-0.04	-1.04	2.74e-04	-1.26e-03	-1.31e-04
128	8	-0.06	-0.04	-1.14	3.55e-04	-1.68e-03	-1.53e-04
128	24	-0.41	0.15	-1.05	1.37e-04	-1.40e-03	-3.10e-04
128	25	-0.37	-0.10	-1.07	2.46e-04	-1.43e-03	4.98e-04
128	27	0.07	-0.50	-0.99	4.88e-04	-1.24e-03	1.14e-03
128	56	-0.41	0.15	-1.05	1.37e-04	-1.40e-03	-3.10e-04
128	57	-0.37	-0.10	-1.07	2.46e-04	-1.43e-03	4.98e-04
128	59	0.07	-0.50	-0.99	4.88e-04	-1.24e-03	1.14e-03
128	74	-0.05	-0.03	-0.99	2.70e-04	-1.30e-03	-1.24e-04
128	75	-0.05	-0.03	-0.99	2.70e-04	-1.30e-03	-1.24e-04
128	76	-0.05	-0.03	-0.99	2.70e-04	-1.30e-03	-1.24e-04
129	3	0.07	-0.06	-1.08	2.80e-04	-2.10e-03	-2.24e-04
129	8	0.05	-0.05	-0.82	2.08e-04	-1.56e-03	-1.67e-04
129	23	0.38	-0.17	-0.69	3.07e-04	-8.65e-04	8.62e-05
129	25	-0.27	-0.05	-0.79	1.44e-04	-1.51e-03	4.01e-04
129	27	0.15	-0.31	-0.74	3.87e-04	-1.09e-03	1.26e-03
129	55	0.38	-0.17	-0.69	3.07e-04	-8.65e-04	8.62e-05
129	57	-0.27	-0.05	-0.79	1.44e-04	-1.51e-03	4.01e-04
129	59	0.15	-0.31	-0.74	3.87e-04	-1.09e-03	1.26e-03
129	74	0.04	-0.04	-0.74	1.57e-04	-1.21e-03	-1.33e-04
129	75	0.04	-0.04	-0.74	1.57e-04	-1.21e-03	-1.33e-04
129	76	0.04	-0.04	-0.74	1.57e-04	-1.21e-03	-1.33e-04
130	3	-0.36	7.01e-03	-1.07	-4.16e-04	1.37e-03	-2.44e-04
130	5	-0.28	0.01	-0.96	-3.45e-04	1.02e-03	-2.02e-04
130	8	-0.27	5.96e-03	-0.81	-3.13e-04	1.02e-03	-1.83e-04
130	9	-0.22	0.01	-0.74	-2.65e-04	7.82e-04	-1.55e-04
130	12	-0.43	0.16	-0.75	-4.12e-04	6.35e-04	-2.12e-05
130	24	-0.48	0.14	-0.73	-4.27e-04	6.22e-04	-2.52e-05
130	28	-0.33	0.33	-0.75	-5.35e-04	7.01e-04	9.58e-04
130	44	-0.43	0.16	-0.75	-4.12e-04	6.35e-04	-2.12e-05
130	56	-0.48	0.14	-0.73	-4.27e-04	6.22e-04	-2.52e-05
130	60	-0.33	0.33	-0.75	-5.35e-04	7.01e-04	9.58e-04
130	74	-0.22	0.01	-0.74	-2.65e-04	7.82e-04	-1.55e-04
130	75	-0.22	0.01	-0.74	-2.65e-04	7.82e-04	-1.55e-04
130	76	-0.22	0.01	-0.74	-2.65e-04	7.82e-04	-1.55e-04
131	3	-0.26	6.75e-03	-1.39	-1.58e-04	1.61e-03	-1.15e-04
131	5	-0.20	0.01	-1.20	-1.46e-04	1.19e-03	-9.76e-05
131	8	-0.19	5.76e-03	-1.05	-1.19e-04	1.20e-03	-8.59e-05
131	9	-0.15	0.01	-0.92	-1.11e-04	9.16e-04	-7.43e-05
131	18	0.08	0.10	-0.95	-1.00e-04	8.12e-04	5.23e-04
131	24	-0.42	0.21	-0.90	-2.26e-04	9.88e-04	8.09e-05
131	36	-0.27	0.51	-0.92	-3.07e-04	8.73e-04	1.12e-03
131	50	0.08	0.10	-0.95	-1.00e-04	8.12e-04	5.23e-04
131	56	-0.42	0.21	-0.90	-2.26e-04	9.88e-04	8.09e-05
131	68	-0.27	0.51	-0.92	-3.07e-04	8.73e-04	1.12e-03
131	74	-0.15	0.01	-0.92	-1.11e-04	9.16e-04	-7.43e-05
131	75	-0.15	0.01	-0.92	-1.11e-04	9.16e-04	-7.43e-05
131	76	-0.15	0.01	-0.92	-1.11e-04	9.16e-04	-7.43e-05
132	2	-0.12	-8.43e-03	-1.13	9.61e-05	5.03e-04	-7.30e-05
132	3	-0.21	-6.62e-03	-1.64	2.00e-04	9.33e-04	-9.43e-05
132	7	-0.12	-5.06e-03	-1.11	9.65e-05	5.10e-04	-6.96e-05
132	8	-0.16	-4.19e-03	-1.23	1.48e-04	6.93e-04	-7.03e-05
132	24	-0.39	0.25	-1.10	2.82e-05	6.59e-04	2.94e-04
132	25	-0.36	-0.13	-1.11	8.71e-05	7.00e-04	-1.08e-04
132	40	-0.25	0.65	-1.05	-1.04e-05	5.03e-04	6.55e-04
132	56	-0.39	0.25	-1.10	2.82e-05	6.59e-04	2.94e-04
132	57	-0.36	-0.13	-1.11	8.71e-05	7.00e-04	-1.08e-04
132	72	-0.25	0.65	-1.05	-1.04e-05	5.03e-04	6.55e-04
132	74	-0.13	1.68e-03	-1.06	1.01e-04	5.27e-04	-6.07e-05
132	75	-0.13	1.68e-03	-1.06	1.01e-04	5.27e-04	-6.07e-05
132	76	-0.13	1.68e-03	-1.06	1.01e-04	5.27e-04	-6.07e-05
133	1	-0.16	-0.04	-1.42	1.72e-04	-9.08e-04	-9.66e-05
133	3	-0.21	-0.04	-1.60	2.56e-04	-1.23e-03	-1.07e-04
133	7	-0.12	-0.03	-1.08	1.33e-04	-7.01e-04	-7.29e-05
133	8	-0.15	-0.03	-1.20	1.90e-04	-9.13e-04	-7.96e-05
133	24	-0.39	0.20	-1.11	2.14e-04	-6.43e-04	-9.83e-05
133	25	-0.36	-0.15	-1.13	2.70e-04	-6.27e-04	4.59e-04
133	27	-0.02	-0.64	-1.04	2.03e-04	-7.02e-04	6.73e-04
133	56	-0.39	0.20	-1.11	2.14e-04	-6.43e-04	-9.83e-05
133	57	-0.36	-0.15	-1.13	2.70e-04	-6.27e-04	4.59e-04
133	59	-0.02	-0.64	-1.04	2.03e-04	-7.02e-04	6.73e-04
133	74	-0.13	-0.02	-1.03	1.36e-04	-7.10e-04	-6.67e-05

133	75	-0.13	-0.02	-1.03	1.36e-04	-7.10e-04	-6.67e-05
133	76	-0.13	-0.02	-1.03	1.36e-04	-7.10e-04	-6.67e-05
134	1	-0.12	-0.05	-1.21	-4.96e-05	-1.21e-03	-7.69e-05
134	3	-0.15	-0.05	-1.31	-5.20e-05	-1.90e-03	-8.34e-05
134	7	-0.09	-0.04	-0.92	-3.84e-05	-1.07e-03	-5.76e-05
134	8	-0.11	-0.04	-0.98	-4.01e-05	-1.41e-03	-6.20e-05
134	24	-0.35	0.15	-0.94	3.21e-05	-1.21e-03	-6.52e-04
134	25	-0.32	-0.10	-0.96	1.28e-04	-1.24e-03	1.61e-04
134	27	0.02	-0.50	-0.87	9.25e-05	-1.03e-03	1.31e-03
134	56	-0.35	0.15	-0.94	3.21e-05	-1.21e-03	-6.52e-04
134	57	-0.32	-0.10	-0.96	1.28e-04	-1.24e-03	1.61e-04
134	59	0.02	-0.50	-0.87	9.25e-05	-1.03e-03	1.31e-03
134	74	-0.09	-0.03	-0.87	-4.45e-05	-1.10e-03	-5.09e-05
134	75	-0.09	-0.03	-0.87	-4.45e-05	-1.10e-03	-5.09e-05
134	76	-0.09	-0.03	-0.87	-4.45e-05	-1.10e-03	-5.09e-05
135	1	-0.03	-0.07	-0.94	-2.04e-04	-1.20e-03	4.00e-05
135	3	-0.02	-0.07	-0.94	-2.71e-04	-1.65e-03	6.70e-05
135	7	-0.02	-0.05	-0.71	-1.59e-04	-9.28e-04	3.30e-05
135	8	-0.02	-0.05	-0.71	-2.04e-04	-1.23e-03	5.10e-05
135	24	-0.27	0.10	-0.70	-1.29e-04	-1.23e-03	-4.67e-04
135	25	-0.24	-0.05	-0.72	3.50e-06	-1.27e-03	2.89e-04
135	31	0.10	-0.32	-0.66	4.38e-05	-8.05e-04	1.42e-03
135	56	-0.27	0.10	-0.70	-1.29e-04	-1.23e-03	-4.67e-04
135	57	-0.24	-0.05	-0.72	3.50e-06	-1.27e-03	2.89e-04
135	63	0.10	-0.32	-0.66	4.38e-05	-8.05e-04	1.42e-03
135	74	-0.02	-0.04	-0.66	-1.75e-04	-9.55e-04	4.38e-05
135	75	-0.02	-0.04	-0.66	-1.75e-04	-9.55e-04	4.38e-05
135	76	-0.02	-0.04	-0.66	-1.75e-04	-9.55e-04	4.38e-05
136	1	-0.09	3.03e-03	-0.94	2.22e-03	-9.92e-06	1.17e-03
136	3	-0.09	-1.92e-04	-0.90	2.97e-03	6.55e-06	1.59e-03
136	5	-0.08	8.91e-03	-0.85	2.20e-03	-4.90e-06	1.18e-03
136	7	-0.07	2.76e-03	-0.71	1.71e-03	-6.99e-06	9.03e-04
136	8	-0.07	6.10e-04	-0.68	2.21e-03	3.99e-06	1.18e-03
136	9	-0.06	6.68e-03	-0.65	1.70e-03	-3.64e-06	9.05e-04
136	20	-0.26	0.14	-0.69	1.52e-03	-1.45e-04	1.02e-03
136	28	-0.17	0.32	-0.70	1.34e-03	-7.42e-05	2.08e-03
136	52	-0.26	0.14	-0.69	1.52e-03	-1.45e-04	1.02e-03
136	60	-0.17	0.32	-0.70	1.34e-03	-7.42e-05	2.08e-03
136	74	-0.06	6.68e-03	-0.65	1.70e-03	-3.64e-06	9.05e-04
136	75	-0.06	6.68e-03	-0.65	1.70e-03	-3.64e-06	9.05e-04
136	76	-0.06	6.68e-03	-0.65	1.70e-03	-3.64e-06	9.05e-04
137	1	-0.09	5.78e-03	-0.95	3.45e-03	1.19e-05	9.08e-04
137	3	-0.09	7.36e-03	-0.92	4.70e-03	5.68e-05	1.26e-03
137	5	-0.08	0.01	-0.87	3.45e-03	2.26e-05	9.19e-04
137	7	-0.07	5.17e-03	-0.72	2.66e-03	1.07e-05	7.00e-04
137	8	-0.07	6.22e-03	-0.70	3.49e-03	4.06e-05	9.37e-04
137	9	-0.06	0.01	-0.66	2.65e-03	1.78e-05	7.08e-04
137	20	-0.26	0.20	-0.69	2.51e-03	-2.27e-05	8.71e-04
137	28	-0.17	0.49	-0.70	2.36e-03	-2.53e-05	2.06e-03
137	36	-0.16	0.51	-0.70	2.34e-03	-2.69e-05	2.08e-03
137	52	-0.26	0.20	-0.69	2.51e-03	-2.27e-05	8.71e-04
137	60	-0.17	0.49	-0.70	2.36e-03	-2.53e-05	2.06e-03
137	68	-0.16	0.51	-0.70	2.34e-03	-2.69e-05	2.08e-03
137	74	-0.06	0.01	-0.66	2.65e-03	1.78e-05	7.08e-04
137	75	-0.06	0.01	-0.66	2.65e-03	1.78e-05	7.08e-04
137	76	-0.06	0.01	-0.66	2.65e-03	1.78e-05	7.08e-04
138	1	-0.10	-8.04e-03	-0.95	4.01e-03	-6.44e-05	5.06e-04
138	2	-0.07	-8.52e-03	-0.74	3.08e-03	-5.14e-05	3.88e-04
138	3	-0.10	-6.79e-03	-0.93	5.49e-03	-3.66e-05	7.24e-04
138	7	-0.07	-5.15e-03	-0.72	3.08e-03	-4.74e-05	3.92e-04
138	8	-0.07	-4.32e-03	-0.71	4.07e-03	-2.89e-05	5.37e-04
138	20	-0.26	0.24	-0.69	2.91e-03	-1.07e-05	8.39e-04
138	28	-0.17	0.62	-0.70	2.83e-03	-8.15e-05	1.40e-03
138	40	-0.16	0.65	-0.70	2.82e-03	-6.97e-05	1.13e-03
138	52	-0.26	0.24	-0.69	2.91e-03	-1.07e-05	8.39e-04
138	60	-0.17	0.62	-0.70	2.83e-03	-8.15e-05	1.40e-03
138	72	-0.16	0.65	-0.70	2.82e-03	-6.97e-05	1.13e-03
138	74	-0.07	1.59e-03	-0.67	3.09e-03	-3.76e-05	4.01e-04
138	75	-0.07	1.59e-03	-0.67	3.09e-03	-3.76e-05	4.01e-04
138	76	-0.07	1.59e-03	-0.67	3.09e-03	-3.76e-05	4.01e-04
139	1	-0.10	-0.04	-0.90	4.05e-03	-4.79e-04	-7.12e-04
139	3	-0.10	-0.04	-0.88	5.53e-03	-3.30e-04	-9.41e-04
139	7	-0.08	-0.03	-0.68	3.11e-03	-2.12e-04	-5.46e-04
139	8	-0.08	-0.03	-0.67	4.10e-03	-2.46e-04	-6.99e-04
139	20	-0.27	0.21	-0.68	3.25e-03	-1.79e-04	-1.05e-03
139	24	-0.26	0.20	-0.68	3.25e-03	-1.76e-04	-1.09e-03
139	27	0.04	-0.64	-0.61	3.29e-03	-1.56e-04	2.16e-04

139	52	-0.27	0.21	-0.68	3.25e-03	-1.79e-04	-1.05e-03
139	56	-0.26	0.20	-0.68	3.25e-03	-1.76e-04	-1.09e-03
139	59	0.04	-0.64	-0.61	3.29e-03	-1.56e-04	2.16e-04
139	74	-0.07	-0.02	-0.63	3.11e-03	-2.02e-04	-5.39e-04
139	75	-0.07	-0.02	-0.63	3.11e-03	-2.02e-04	-5.39e-04
139	76	-0.07	-0.02	-0.63	3.11e-03	-2.02e-04	-5.39e-04
140	1	0.02	0.04	-0.68	1.56e-04	-3.29e-05	4.39e-05
140	7	0.01	0.03	-0.52	1.13e-04	-2.22e-05	3.20e-05
140	10	0.02	0.03	-0.50	8.72e-05	1.87e-05	3.14e-05
140	18	0.02	0.03	-0.50	9.17e-05	1.85e-05	3.15e-05
140	34	0.01	0.03	-0.50	1.26e-05	-9.30e-06	2.01e-05
140	42	0.02	0.03	-0.50	8.72e-05	1.87e-05	3.14e-05
140	50	0.02	0.03	-0.50	9.17e-05	1.85e-05	3.15e-05
140	66	0.01	0.03	-0.50	1.26e-05	-9.30e-06	2.01e-05
140	74	9.20e-03	0.02	-0.49	8.30e-05	-8.69e-06	2.44e-05
140	75	9.20e-03	0.02	-0.49	8.30e-05	-8.69e-06	2.44e-05
140	76	9.20e-03	0.02	-0.49	8.30e-05	-8.69e-06	2.44e-05
141	1	0.01	0.02	-0.64	1.89e-04	5.65e-05	4.08e-05
141	7	7.60e-03	0.01	-0.49	1.39e-04	4.46e-05	2.97e-05
141	10	0.01	6.57e-03	-0.44	1.06e-04	8.03e-05	3.34e-05
141	32	7.17e-03	9.69e-03	-0.48	4.94e-05	2.37e-05	2.50e-05
141	38	9.62e-03	0.01	-0.47	5.36e-05	5.01e-05	2.12e-05
141	42	0.01	6.57e-03	-0.44	1.06e-04	8.03e-05	3.34e-05
141	64	7.17e-03	9.69e-03	-0.48	4.94e-05	2.37e-05	2.50e-05
141	70	9.62e-03	0.01	-0.47	5.36e-05	5.01e-05	2.12e-05
141	74	4.95e-03	7.55e-03	-0.45	1.07e-04	4.97e-05	2.23e-05
141	75	4.95e-03	7.55e-03	-0.45	1.07e-04	4.97e-05	2.23e-05
141	76	4.95e-03	7.55e-03	-0.45	1.07e-04	4.97e-05	2.23e-05
142	1	3.16e-03	0.03	-0.62	2.21e-04	5.29e-05	4.43e-05
142	7	2.14e-03	0.02	-0.47	1.63e-04	4.17e-05	3.22e-05
142	22	5.87e-03	0.02	-0.45	1.29e-04	7.68e-05	3.29e-05
142	30	5.19e-03	0.02	-0.47	8.10e-05	4.38e-05	3.12e-05
142	40	2.83e-03	0.02	-0.48	6.26e-05	2.77e-05	2.44e-05
142	54	5.87e-03	0.02	-0.45	1.29e-04	7.68e-05	3.29e-05
142	62	5.19e-03	0.02	-0.47	8.10e-05	4.38e-05	3.12e-05
142	72	2.83e-03	0.02	-0.48	6.26e-05	2.77e-05	2.44e-05
142	74	8.78e-04	0.01	-0.45	1.32e-04	4.65e-05	2.37e-05
142	75	8.78e-04	0.01	-0.45	1.32e-04	4.65e-05	2.37e-05
142	76	8.78e-04	0.01	-0.45	1.32e-04	4.65e-05	2.37e-05
143	1	3.11e-03	0.02	-0.61	1.85e-04	3.20e-05	4.07e-05
143	7	2.10e-03	0.01	-0.46	1.36e-04	2.57e-05	2.95e-05
143	22	5.82e-03	0.01	-0.42	1.05e-04	6.52e-05	3.04e-05
143	38	5.19e-03	0.01	-0.46	4.67e-05	3.08e-05	2.66e-05
143	40	2.77e-03	9.79e-03	-0.47	3.51e-05	8.02e-06	2.18e-05
143	54	5.82e-03	0.01	-0.42	1.05e-04	6.52e-05	3.04e-05
143	70	5.19e-03	0.01	-0.46	4.67e-05	3.08e-05	2.66e-05
143	72	2.77e-03	9.79e-03	-0.47	3.51e-05	8.02e-06	2.18e-05
143	74	8.54e-04	7.54e-03	-0.43	1.05e-04	3.06e-05	2.18e-05
143	75	8.54e-04	7.54e-03	-0.43	1.05e-04	3.06e-05	2.18e-05
143	76	8.54e-04	7.54e-03	-0.43	1.05e-04	3.06e-05	2.18e-05
144	1	0.02	0.02	-0.67	1.94e-04	8.07e-05	4.11e-05
144	7	0.01	0.01	-0.51	1.42e-04	6.32e-05	2.99e-05
144	10	0.02	6.58e-03	-0.46	1.07e-04	1.06e-04	3.31e-05
144	20	3.18e-03	6.18e-03	-0.49	8.11e-05	3.88e-05	1.52e-05
144	38	0.01	0.01	-0.48	6.44e-05	8.79e-05	2.84e-05
144	42	0.02	6.58e-03	-0.46	1.07e-04	1.06e-04	3.31e-05
144	52	3.18e-03	6.18e-03	-0.49	8.11e-05	3.88e-05	1.52e-05
144	70	0.01	0.01	-0.48	6.44e-05	8.79e-05	2.84e-05
144	74	8.37e-03	7.55e-03	-0.47	1.09e-04	6.81e-05	2.22e-05
144	75	8.37e-03	7.55e-03	-0.47	1.09e-04	6.81e-05	2.22e-05
144	76	8.37e-03	7.55e-03	-0.47	1.09e-04	6.81e-05	2.22e-05
145	1	0.02	0.03	-0.69	1.74e-04	2.19e-05	3.64e-05
145	7	0.01	0.02	-0.53	1.28e-04	1.90e-05	2.65e-05
145	10	0.02	0.02	-0.49	9.83e-05	5.62e-05	2.95e-05
145	30	0.02	0.02	-0.50	6.06e-05	2.25e-05	2.69e-05
145	40	9.80e-03	0.02	-0.51	4.67e-05	8.56e-06	2.05e-05
145	42	0.02	0.02	-0.49	9.83e-05	5.62e-05	2.95e-05
145	62	0.02	0.02	-0.50	6.06e-05	2.25e-05	2.69e-05
145	72	9.80e-03	0.02	-0.51	4.67e-05	8.56e-06	2.05e-05
145	74	8.46e-03	0.01	-0.49	9.93e-05	2.83e-05	2.00e-05
145	75	8.46e-03	0.01	-0.49	9.93e-05	2.83e-05	2.00e-05
145	76	8.46e-03	0.01	-0.49	9.93e-05	2.83e-05	2.00e-05
146	1	0.03	0.03	-0.74	1.29e-04	-5.04e-05	4.01e-05
146	7	0.02	0.02	-0.56	9.37e-05	-3.43e-05	2.91e-05
146	10	0.03	0.02	-0.51	6.69e-05	1.74e-05	3.29e-05
146	30	0.03	0.02	-0.51	3.04e-05	-1.80e-05	3.10e-05
146	37	7.81e-03	8.82e-03	-0.52	1.09e-04	-1.21e-05	1.25e-05

146	42	0.03	0.02	-0.51	6.69e-05	1.74e-05	3.29e-05
146	62	0.03	0.02	-0.51	3.04e-05	-1.80e-05	3.10e-05
146	69	7.81e-03	8.82e-03	-0.52	1.09e-04	-1.21e-05	1.25e-05
146	74	0.02	0.01	-0.52	6.73e-05	-1.42e-05	2.13e-05
146	75	0.02	0.01	-0.52	6.73e-05	-1.42e-05	2.13e-05
146	76	0.02	0.01	-0.52	6.73e-05	-1.42e-05	2.13e-05
147	1	0.03	0.01	-0.76	2.82e-04	-3.02e-05	3.74e-05
147	7	0.02	0.01	-0.57	2.07e-04	-1.92e-05	2.71e-05
147	10	0.03	5.73e-03	-0.51	1.63e-04	3.06e-05	3.05e-05
147	16	6.88e-03	9.43e-03	-0.54	1.46e-04	-4.12e-05	1.27e-05
147	40	0.02	0.01	-0.53	1.26e-04	-2.43e-05	2.22e-05
147	42	0.03	5.73e-03	-0.51	1.63e-04	3.06e-05	3.05e-05
147	48	6.88e-03	9.43e-03	-0.54	1.46e-04	-4.12e-05	1.27e-05
147	72	0.02	0.01	-0.53	1.26e-04	-2.43e-05	2.22e-05
147	74	0.02	6.76e-03	-0.52	1.64e-04	-1.42e-06	2.00e-05
147	75	0.02	6.76e-03	-0.52	1.64e-04	-1.42e-06	2.00e-05
147	76	0.02	6.76e-03	-0.52	1.64e-04	-1.42e-06	2.00e-05
148	1	7.51e-03	0.03	-0.64	2.25e-04	-1.05e-05	4.17e-05
148	7	5.30e-03	0.02	-0.49	1.66e-04	-5.18e-06	3.03e-05
148	10	9.10e-03	0.02	-0.46	1.32e-04	3.34e-05	3.36e-05
148	30	8.19e-03	0.02	-0.48	8.59e-05	2.10e-05	3.12e-05
148	40	5.08e-03	0.02	-0.49	6.85e-05	-7.73e-06	1.56e-05
148	42	9.10e-03	0.02	-0.46	1.32e-04	3.34e-05	3.36e-05
148	62	8.19e-03	0.02	-0.48	8.59e-05	2.10e-05	3.12e-05
148	72	5.08e-03	0.02	-0.49	6.85e-05	-7.73e-06	1.56e-05
148	74	3.23e-03	0.01	-0.46	1.35e-04	7.64e-06	2.28e-05
148	75	3.23e-03	0.01	-0.46	1.35e-04	7.64e-06	2.28e-05
148	76	3.23e-03	0.01	-0.46	1.35e-04	7.64e-06	2.28e-05
149	1	0.03	5.17e-03	-0.76	1.51e-04	0.0	5.60e-05
149	7	0.02	3.52e-03	-0.57	1.11e-04	0.0	4.10e-05
149	10	0.03	3.46e-04	-0.51	8.90e-05	0.0	4.18e-05
149	16	4.74e-03	4.88e-03	-0.54	6.20e-05	0.0	2.57e-05
149	40	0.02	6.73e-03	-0.53	3.89e-05	0.0	3.55e-05
149	42	0.03	3.46e-04	-0.51	8.90e-05	0.0	4.18e-05
149	48	4.74e-03	4.88e-03	-0.54	6.20e-05	0.0	2.57e-05
149	72	0.02	6.73e-03	-0.53	3.89e-05	0.0	3.55e-05
149	74	0.02	1.29e-03	-0.52	8.81e-05	0.0	3.19e-05
149	75	0.02	1.29e-03	-0.52	8.81e-05	0.0	3.19e-05
149	76	0.02	1.29e-03	-0.52	8.81e-05	0.0	3.19e-05
150	1	0.03	8.60e-03	-0.76	1.45e-04	1.84e-06	4.79e-05
150	7	0.02	6.03e-03	-0.57	1.07e-04	1.43e-06	3.50e-05
150	10	0.03	2.28e-03	-0.51	8.38e-05	-1.07e-06	3.57e-05
150	16	4.57e-03	7.02e-03	-0.53	5.83e-05	5.07e-06	2.11e-05
150	38	0.02	9.02e-03	-0.52	4.26e-05	1.88e-06	3.33e-05
150	42	0.03	2.28e-03	-0.51	8.38e-05	-1.07e-06	3.57e-05
150	48	4.57e-03	7.02e-03	-0.53	5.83e-05	5.07e-06	2.11e-05
150	70	0.02	9.02e-03	-0.52	4.26e-05	1.88e-06	3.33e-05
150	74	0.02	3.23e-03	-0.52	8.37e-05	1.49e-06	2.69e-05
150	75	0.02	3.23e-03	-0.52	8.37e-05	1.49e-06	2.69e-05
150	76	0.02	3.23e-03	-0.52	8.37e-05	1.49e-06	2.69e-05
151	1	0.03	0.02	-0.76	2.39e-04	-3.65e-05	3.95e-05
151	7	0.02	0.01	-0.57	1.75e-04	-2.38e-05	2.86e-05
151	10	0.03	7.12e-03	-0.51	1.36e-04	2.65e-05	3.04e-05
151	16	6.98e-03	0.01	-0.53	1.17e-04	-4.52e-05	1.36e-05
151	38	0.02	0.01	-0.52	1.02e-04	-6.94e-06	2.69e-05
151	42	0.03	7.12e-03	-0.51	1.36e-04	2.65e-05	3.04e-05
151	48	6.98e-03	0.01	-0.53	1.17e-04	-4.52e-05	1.36e-05
151	70	0.02	0.01	-0.52	1.02e-04	-6.94e-06	2.69e-05
151	74	0.02	8.16e-03	-0.52	1.38e-04	-5.41e-06	2.06e-05
151	75	0.02	8.16e-03	-0.52	1.38e-04	-5.41e-06	2.06e-05
151	76	0.02	8.16e-03	-0.52	1.38e-04	-5.41e-06	2.06e-05
152	1	0.02	-1.35e-03	-0.76	1.09e-04	0.0	5.35e-05
152	3	0.02	-3.34e-03	-0.70	9.52e-05	0.0	4.75e-05
152	7	0.02	-1.28e-03	-0.58	8.00e-05	0.0	3.94e-05
152	8	0.02	-2.61e-03	-0.53	7.09e-05	0.0	3.54e-05
152	10	0.03	-3.56e-03	-0.51	3.28e-05	0.0	3.94e-05
152	16	1.78e-03	2.50e-03	-0.54	6.48e-05	0.0	2.70e-05
152	39	0.01	-0.01	-0.51	1.09e-04	0.0	2.85e-05
152	42	0.03	-3.56e-03	-0.51	3.28e-05	0.0	3.94e-05
152	48	1.78e-03	2.50e-03	-0.54	6.48e-05	0.0	2.70e-05
152	71	0.01	-0.01	-0.51	1.09e-04	0.0	2.85e-05
152	74	0.01	-2.53e-03	-0.52	6.31e-05	0.0	3.16e-05
152	75	0.01	-2.53e-03	-0.52	6.31e-05	0.0	3.16e-05
152	76	0.01	-2.53e-03	-0.52	6.31e-05	0.0	3.16e-05
153	1	0.03	2.13e-03	-0.76	1.11e-04	0.0	4.91e-05
153	7	0.02	1.28e-03	-0.57	8.13e-05	0.0	3.61e-05
153	10	0.03	-1.47e-03	-0.51	6.54e-05	-6.23e-06	3.60e-05

153	16	1.88e-03	4.69e-03	-0.54	3.26e-05	4.01e-06	2.43e-05
153	39	0.01	-8.87e-03	-0.51	1.18e-04	1.64e-06	2.64e-05
153	42	0.03	-1.47e-03	-0.51	6.54e-05	-6.23e-06	3.60e-05
153	48	1.88e-03	4.69e-03	-0.54	3.26e-05	4.01e-06	2.43e-05
153	71	0.01	-8.87e-03	-0.51	1.18e-04	1.64e-06	2.64e-05
153	74	0.01	-4.72e-04	-0.52	6.30e-05	0.0	2.88e-05
153	75	0.01	-4.72e-04	-0.52	6.30e-05	0.0	2.88e-05
153	76	0.01	-4.72e-04	-0.52	6.30e-05	0.0	2.88e-05
154	1	0.02	-6.13e-03	-0.76	8.25e-05	0.0	4.84e-05
154	3	0.02	-7.59e-03	-0.70	7.34e-05	0.0	4.49e-05
154	7	0.02	-4.79e-03	-0.58	6.05e-05	0.0	3.59e-05
154	8	0.01	-5.77e-03	-0.53	5.45e-05	0.0	3.36e-05
154	10	0.03	-6.55e-03	-0.51	1.25e-05	0.0	3.62e-05
154	16	-1.07e-03	1.48e-03	-0.54	4.99e-05	0.0	2.63e-05
154	39	0.01	-0.02	-0.51	9.67e-05	0.0	2.81e-05
154	42	0.03	-6.55e-03	-0.51	1.25e-05	0.0	3.62e-05
154	48	-1.07e-03	1.48e-03	-0.54	4.99e-05	0.0	2.63e-05
154	71	0.01	-0.02	-0.51	9.67e-05	0.0	2.81e-05
154	74	0.01	-5.30e-03	-0.52	4.68e-05	0.0	3.01e-05
154	75	0.01	-5.30e-03	-0.52	4.68e-05	0.0	3.01e-05
154	76	0.01	-5.30e-03	-0.52	4.68e-05	0.0	3.01e-05
155	1	0.02	-2.92e-03	-0.76	8.83e-05	-1.66e-06	4.54e-05
155	3	0.02	-4.61e-03	-0.70	7.64e-05	0.0	4.20e-05
155	7	0.02	-2.42e-03	-0.57	6.45e-05	-1.15e-06	3.36e-05
155	8	0.01	-3.54e-03	-0.53	5.66e-05	0.0	3.14e-05
155	10	0.03	-4.46e-03	-0.51	5.26e-05	-7.67e-06	3.39e-05
155	16	-9.61e-04	3.48e-03	-0.54	1.47e-05	3.49e-06	2.40e-05
155	41	3.79e-03	-0.01	-0.52	1.09e-04	5.53e-06	2.35e-05
155	42	0.03	-4.46e-03	-0.51	5.26e-05	-7.67e-06	3.39e-05
155	48	-9.61e-04	3.48e-03	-0.54	1.47e-05	3.49e-06	2.40e-05
155	73	3.79e-03	-0.01	-0.52	1.09e-04	5.53e-06	2.35e-05
155	74	0.01	-3.31e-03	-0.52	4.88e-05	0.0	2.79e-05
155	75	0.01	-3.31e-03	-0.52	4.88e-05	0.0	2.79e-05
155	76	0.01	-3.31e-03	-0.52	4.88e-05	0.0	2.79e-05
156	1	0.02	-9.75e-03	-0.76	6.47e-05	0.0	4.14e-05
156	3	0.02	-0.01	-0.70	5.83e-05	0.0	4.09e-05
156	7	0.01	-7.45e-03	-0.58	4.72e-05	0.0	3.10e-05
156	8	0.01	-8.20e-03	-0.53	4.29e-05	0.0	3.06e-05
156	10	0.03	-8.87e-03	-0.51	4.06e-05	0.0	3.34e-05
156	16	-3.99e-03	1.40e-03	-0.54	-4.39e-06	0.0	2.32e-05
156	39	0.01	-0.02	-0.52	8.82e-05	0.0	2.65e-05
156	42	0.03	-8.87e-03	-0.51	4.06e-05	0.0	3.34e-05
156	48	-3.99e-03	1.40e-03	-0.54	-4.39e-06	0.0	2.32e-05
156	71	0.01	-0.02	-0.52	8.82e-05	0.0	2.65e-05
156	74	0.01	-7.33e-03	-0.52	3.49e-05	0.0	2.73e-05
156	75	0.01	-7.33e-03	-0.52	3.49e-05	0.0	2.73e-05
156	76	0.01	-7.33e-03	-0.52	3.49e-05	0.0	2.73e-05
157	1	0.02	-7.00e-03	-0.76	7.25e-05	-2.22e-06	3.91e-05
157	3	0.02	-8.14e-03	-0.70	6.27e-05	-1.25e-06	3.86e-05
157	7	0.01	-5.39e-03	-0.57	5.26e-05	-1.56e-06	2.92e-05
157	8	0.01	-6.15e-03	-0.53	4.61e-05	0.0	2.89e-05
157	10	0.03	-6.86e-03	-0.51	4.22e-05	-7.85e-06	3.18e-05
157	16	-3.89e-03	3.08e-03	-0.54	1.56e-06	2.63e-06	1.97e-05
157	41	1.95e-03	-0.02	-0.52	1.02e-04	5.96e-06	2.61e-05
157	42	0.03	-6.86e-03	-0.51	4.22e-05	-7.85e-06	3.18e-05
157	48	-3.89e-03	3.08e-03	-0.54	1.56e-06	2.63e-06	1.97e-05
157	73	1.95e-03	-0.02	-0.52	1.02e-04	5.96e-06	2.61e-05
157	74	0.01	-5.52e-03	-0.52	3.80e-05	0.0	2.55e-05
157	75	0.01	-5.52e-03	-0.52	3.80e-05	0.0	2.55e-05
157	76	0.01	-5.52e-03	-0.52	3.80e-05	0.0	2.55e-05
158	1	0.02	-0.01	-0.77	5.35e-05	0.0	3.31e-05
158	3	0.02	-0.01	-0.70	4.82e-05	0.0	3.60e-05
158	7	0.01	-9.54e-03	-0.58	3.86e-05	0.0	2.51e-05
158	8	0.01	-0.01	-0.53	3.51e-05	0.0	2.71e-05
158	10	0.03	-0.01	-0.51	3.08e-05	0.0	2.81e-05
158	16	-6.96e-03	1.96e-03	-0.54	-1.40e-05	0.0	1.69e-05
158	39	0.01	-0.03	-0.52	9.72e-05	0.0	2.93e-05
158	42	0.03	-0.01	-0.51	3.08e-05	0.0	2.81e-05
158	48	-6.96e-03	1.96e-03	-0.54	-1.40e-05	0.0	1.69e-05
158	71	0.01	-0.03	-0.52	9.72e-05	0.0	2.93e-05
158	74	0.01	-8.83e-03	-0.52	2.62e-05	0.0	2.39e-05
158	75	0.01	-8.83e-03	-0.52	2.62e-05	0.0	2.39e-05
158	76	0.01	-8.83e-03	-0.52	2.62e-05	0.0	2.39e-05
159	1	0.02	-0.01	-0.76	6.20e-05	-2.37e-06	3.16e-05
159	3	0.02	-0.01	-0.70	5.31e-05	-1.33e-06	3.44e-05
159	7	0.01	-7.85e-03	-0.57	4.45e-05	-1.67e-06	2.39e-05
159	8	0.01	-8.30e-03	-0.53	3.86e-05	0.0	2.58e-05

159	10	0.03	-8.78e-03	-0.51	3.34e-05	-7.10e-06	2.70e-05
159	16	-6.88e-03	3.26e-03	-0.54	-8.08e-06	1.51e-06	1.50e-05
159	39	0.01	-0.03	-0.52	9.78e-05	3.40e-06	2.85e-05
159	42	0.03	-8.78e-03	-0.51	3.34e-05	-7.10e-06	2.70e-05
159	48	-6.88e-03	3.26e-03	-0.54	-8.08e-06	1.51e-06	1.50e-05
159	71	0.01	-0.03	-0.52	9.78e-05	3.40e-06	2.85e-05
159	74	0.01	-7.24e-03	-0.52	2.97e-05	0.0	2.24e-05
159	75	0.01	-7.24e-03	-0.52	2.97e-05	0.0	2.24e-05
159	76	0.01	-7.24e-03	-0.52	2.97e-05	0.0	2.24e-05
160	1	0.01	-0.02	-0.77	4.89e-05	0.0	2.41e-05
160	3	0.02	-0.02	-0.70	4.31e-05	0.0	3.07e-05
160	7	9.52e-03	-0.01	-0.58	3.47e-05	0.0	1.88e-05
160	8	0.01	-0.01	-0.53	3.08e-05	0.0	2.32e-05
160	10	0.03	-0.01	-0.51	2.29e-05	0.0	2.50e-05
160	16	-9.90e-03	2.91e-03	-0.54	-1.97e-05	0.0	1.15e-05
160	39	0.01	-0.03	-0.52	9.46e-05	0.0	2.76e-05
160	42	0.03	-0.01	-0.51	2.29e-05	0.0	2.50e-05
160	48	-9.90e-03	2.91e-03	-0.54	-1.97e-05	0.0	1.15e-05
160	71	0.01	-0.03	-0.52	9.46e-05	0.0	2.76e-05
160	74	9.79e-03	-9.94e-03	-0.53	2.03e-05	0.0	2.01e-05
160	75	9.79e-03	-9.94e-03	-0.53	2.03e-05	0.0	2.01e-05
160	76	9.79e-03	-9.94e-03	-0.53	2.03e-05	0.0	2.01e-05
161	1	0.01	-0.01	-0.76	5.67e-05	-2.10e-06	2.43e-05
161	3	0.02	-0.01	-0.70	4.74e-05	-1.07e-06	3.04e-05
161	7	9.43e-03	-9.99e-03	-0.57	4.02e-05	-1.47e-06	1.88e-05
161	8	0.01	-0.01	-0.53	3.40e-05	0.0	2.29e-05
161	10	0.03	-0.01	-0.51	2.62e-05	-5.38e-06	2.46e-05
161	16	-9.92e-03	3.86e-03	-0.54	-1.50e-05	0.0	1.00e-05
161	39	0.01	-0.03	-0.52	9.56e-05	4.50e-06	2.82e-05
161	42	0.03	-0.01	-0.51	2.62e-05	-5.38e-06	2.46e-05
161	48	-9.92e-03	3.86e-03	-0.54	-1.50e-05	0.0	1.00e-05
161	71	0.01	-0.03	-0.52	9.56e-05	4.50e-06	2.82e-05
161	74	9.70e-03	-8.59e-03	-0.52	2.37e-05	0.0	1.94e-05
161	75	9.70e-03	-8.59e-03	-0.52	2.37e-05	0.0	1.94e-05
161	76	9.70e-03	-8.59e-03	-0.52	2.37e-05	0.0	1.94e-05
162	1	8.49e-03	-0.02	-0.76	5.92e-05	-7.27e-05	1.85e-05
162	3	0.01	-0.02	-0.70	4.62e-05	-3.95e-05	2.77e-05
162	7	6.84e-03	-0.01	-0.57	4.08e-05	-5.08e-05	1.47e-05
162	8	0.01	-0.01	-0.53	3.22e-05	-2.87e-05	2.09e-05
162	11	0.03	-0.02	-0.51	5.39e-05	5.30e-06	2.93e-05
162	16	-0.02	4.71e-03	-0.54	-2.09e-05	-6.21e-05	5.31e-06
162	39	0.02	-0.03	-0.52	9.27e-05	-4.86e-06	3.00e-05
162	43	0.03	-0.02	-0.51	5.39e-05	5.30e-06	2.93e-05
162	48	-0.02	4.71e-03	-0.54	-2.09e-05	-6.21e-05	5.31e-06
162	71	0.02	-0.03	-0.52	9.27e-05	-4.86e-06	3.00e-05
162	74	8.20e-03	-9.68e-03	-0.52	1.79e-05	-2.83e-05	1.71e-05
162	75	8.20e-03	-9.68e-03	-0.52	1.79e-05	-2.83e-05	1.71e-05
162	76	8.20e-03	-9.68e-03	-0.52	1.79e-05	-2.83e-05	1.71e-05
163	1	0.03	0.01	-0.76	1.40e-04	-2.10e-06	4.78e-05
163	7	0.02	8.49e-03	-0.57	1.02e-04	-1.63e-06	3.48e-05
163	10	0.03	9.03e-03	-0.51	7.80e-05	0.0	3.49e-05
163	16	4.56e-03	4.21e-03	-0.53	5.36e-05	-4.93e-06	2.09e-05
163	38	0.02	0.01	-0.52	3.71e-05	-2.24e-06	3.28e-05
163	42	0.03	9.03e-03	-0.51	7.80e-05	0.0	3.49e-05
163	48	4.56e-03	4.21e-03	-0.53	5.36e-05	-4.93e-06	2.09e-05
163	70	0.02	0.01	-0.52	3.71e-05	-2.24e-06	3.28e-05
163	74	0.02	5.11e-03	-0.52	7.85e-05	-1.70e-06	2.64e-05
163	75	0.02	5.11e-03	-0.52	7.85e-05	-1.70e-06	2.64e-05
163	76	0.02	5.11e-03	-0.52	7.85e-05	-1.70e-06	2.64e-05
164	1	0.03	0.02	-0.75	2.04e-04	-4.71e-05	4.05e-05
164	7	0.02	0.01	-0.57	1.50e-04	-3.18e-05	2.92e-05
164	10	0.03	0.01	-0.51	1.15e-04	1.96e-05	3.04e-05
164	16	7.06e-03	8.39e-03	-0.53	9.39e-05	-5.21e-05	1.40e-05
164	38	0.02	0.01	-0.52	7.81e-05	-1.41e-05	2.69e-05
164	42	0.03	0.01	-0.51	1.15e-04	1.96e-05	3.04e-05
164	48	7.06e-03	8.39e-03	-0.53	9.39e-05	-5.21e-05	1.40e-05
164	70	0.02	0.01	-0.52	7.81e-05	-1.41e-05	2.69e-05
164	74	0.02	9.59e-03	-0.52	1.16e-04	-1.22e-05	2.08e-05
164	75	0.02	9.59e-03	-0.52	1.16e-04	-1.22e-05	2.08e-05
164	76	0.02	9.59e-03	-0.52	1.16e-04	-1.22e-05	2.08e-05
165	1	0.03	5.54e-03	-0.76	1.14e-04	0.0	4.91e-05
165	7	0.02	3.78e-03	-0.57	8.30e-05	0.0	3.61e-05
165	10	0.03	6.59e-03	-0.51	6.37e-05	5.04e-06	3.53e-05
165	16	1.91e-03	7.76e-04	-0.53	3.47e-05	-3.35e-06	2.43e-05
165	38	0.02	0.01	-0.52	1.84e-05	5.52e-06	3.41e-05
165	42	0.03	6.59e-03	-0.51	6.37e-05	5.04e-06	3.53e-05
165	48	1.91e-03	7.76e-04	-0.53	3.47e-05	-3.35e-06	2.43e-05

165	70	0.02	0.01	-0.52	1.84e-05	3.52e-06	3.41e-05
165	74	0.01	1.52e-03	-0.52	6.29e-05	0.0	2.85e-05
165	75	0.01	1.52e-03	-0.52	6.29e-05	0.0	2.85e-05
165	76	0.01	1.52e-03	-0.52	6.29e-05	0.0	2.85e-05
166	1	0.02	2.06e-04	-0.76	9.56e-05	1.97e-06	4.51e-05
166	5	0.02	-1.74e-03	-0.68	6.84e-05	1.06e-06	3.61e-05
166	7	0.02	-1.05e-04	-0.57	6.96e-05	1.38e-06	3.33e-05
166	9	0.01	-1.40e-03	-0.52	5.15e-05	0.0	2.73e-05
166	10	0.03	5.03e-03	-0.51	5.33e-05	6.74e-06	3.31e-05
166	16	-8.70e-04	-2.07e-03	-0.53	2.04e-05	-2.71e-06	2.38e-05
166	41	3.87e-03	-0.01	-0.52	9.86e-05	-4.29e-06	2.27e-05
166	42	0.03	5.03e-03	-0.51	5.33e-05	6.74e-06	3.31e-05
166	48	-8.70e-04	-2.07e-03	-0.53	2.04e-05	-2.71e-06	2.38e-05
166	73	3.87e-03	-0.01	-0.52	9.86e-05	-4.29e-06	2.27e-05
166	74	0.01	-1.40e-03	-0.52	5.15e-05	0.0	2.73e-05
166	75	0.01	-1.40e-03	-0.52	5.15e-05	0.0	2.73e-05
166	76	0.01	-1.40e-03	-0.52	5.15e-05	0.0	2.73e-05
167	1	0.02	-4.33e-03	-0.76	8.22e-05	2.62e-06	3.82e-05
167	3	0.02	-5.53e-03	-0.69	6.83e-05	1.60e-06	3.70e-05
167	7	0.01	-3.40e-03	-0.57	5.95e-05	1.86e-06	2.85e-05
167	8	0.01	-4.20e-03	-0.53	5.02e-05	1.18e-06	2.77e-05
167	10	0.03	-4.92e-03	-0.51	4.46e-05	7.25e-06	3.11e-05
167	16	-3.76e-03	4.64e-03	-0.53	9.07e-06	-1.88e-06	1.83e-05
167	41	2.06e-03	-0.02	-0.52	9.15e-05	-4.96e-06	2.53e-05
167	42	0.03	-4.92e-03	-0.51	4.46e-05	7.25e-06	3.11e-05
167	48	-3.76e-03	4.64e-03	-0.53	9.07e-06	-1.88e-06	1.83e-05
167	73	2.06e-03	-0.02	-0.52	9.15e-05	-4.96e-06	2.53e-05
167	74	0.01	-3.79e-03	-0.52	4.21e-05	1.18e-06	2.44e-05
167	75	0.01	-3.79e-03	-0.52	4.21e-05	1.18e-06	2.44e-05
167	76	0.01	-3.79e-03	-0.52	4.21e-05	1.18e-06	2.44e-05
168	1	0.02	-8.27e-03	-0.76	7.20e-05	2.63e-06	3.03e-05
168	3	0.02	-8.77e-03	-0.69	5.88e-05	1.54e-06	3.23e-05
168	7	0.01	-6.24e-03	-0.57	5.17e-05	1.87e-06	2.29e-05
168	8	0.01	-6.57e-03	-0.53	4.28e-05	1.14e-06	2.42e-05
168	10	0.03	-6.98e-03	-0.51	3.64e-05	6.91e-06	2.59e-05
168	16	-6.76e-03	4.41e-03	-0.53	0.0	-1.10e-06	1.25e-05
168	41	4.99e-05	-0.02	-0.52	8.57e-05	-5.90e-06	2.28e-05
168	42	0.03	-6.98e-03	-0.51	3.64e-05	6.91e-06	2.59e-05
168	48	-6.76e-03	4.41e-03	-0.53	0.0	-1.10e-06	1.25e-05
168	73	4.99e-05	-0.02	-0.52	8.57e-05	-5.90e-06	2.28e-05
168	74	0.01	-5.74e-03	-0.52	3.40e-05	1.17e-06	2.09e-05
168	75	0.01	-5.74e-03	-0.52	3.40e-05	1.17e-06	2.09e-05
168	76	0.01	-5.74e-03	-0.52	3.40e-05	1.17e-06	2.09e-05
169	1	0.01	-0.01	-0.76	6.48e-05	2.00e-06	2.33e-05
169	3	0.02	-0.01	-0.69	5.15e-05	0.0	2.85e-05
169	7	9.44e-03	-8.72e-03	-0.57	4.59e-05	1.39e-06	1.79e-05
169	8	0.01	-8.61e-03	-0.53	3.70e-05	0.0	2.14e-05
169	10	0.03	-8.62e-03	-0.51	2.86e-05	6.31e-06	2.41e-05
169	16	-9.86e-03	4.63e-03	-0.53	-8.44e-06	0.0	6.54e-06
169	39	0.01	-0.03	-0.51	9.33e-05	-4.70e-06	2.90e-05
169	42	0.03	-8.62e-03	-0.51	2.86e-05	6.31e-06	2.41e-05
169	48	-9.86e-03	4.63e-03	-0.53	-8.44e-06	0.0	6.54e-06
169	71	0.01	-0.03	-0.51	9.33e-05	-4.70e-06	2.90e-05
169	74	9.69e-03	-7.30e-03	-0.52	2.69e-05	0.0	1.79e-05
169	75	9.69e-03	-7.30e-03	-0.52	2.69e-05	0.0	1.79e-05
169	76	9.69e-03	-7.30e-03	-0.52	2.69e-05	0.0	1.79e-05
170	1	8.44e-03	-0.01	-0.76	5.99e-05	-6.27e-05	1.86e-05
170	3	0.01	-0.01	-0.69	4.54e-05	-2.77e-05	2.67e-05
170	7	6.79e-03	-0.01	-0.57	4.12e-05	-4.33e-05	1.47e-05
170	8	0.01	-0.01	-0.53	3.16e-05	-2.00e-05	2.00e-05
170	11	0.03	-0.02	-0.51	5.12e-05	1.56e-05	3.06e-05
170	16	-0.02	5.18e-03	-0.53	-1.83e-05	-5.89e-05	2.36e-06
170	39	0.02	-0.03	-0.51	8.68e-05	1.00e-06	3.15e-05
170	43	0.03	-0.02	-0.51	5.12e-05	1.56e-05	3.06e-05
170	48	-0.02	5.18e-03	-0.53	-1.83e-05	-5.89e-05	2.36e-06
170	71	0.02	-0.03	-0.51	8.68e-05	1.00e-06	3.15e-05
170	74	8.14e-03	-8.52e-03	-0.52	1.78e-05	-2.18e-05	1.63e-05
170	75	8.14e-03	-8.52e-03	-0.52	1.78e-05	-2.18e-05	1.63e-05
170	76	8.14e-03	-8.52e-03	-0.52	1.78e-05	-2.18e-05	1.63e-05
171	1	0.03	0.02	-0.75	1.34e-04	0.0	4.78e-05
171	7	0.02	0.01	-0.57	9.75e-05	0.0	3.48e-05
171	10	0.03	0.01	-0.51	7.25e-05	0.0	3.48e-05
171	17	1.66e-03	2.57e-03	-0.53	7.59e-05	0.0	1.80e-05
171	38	0.02	0.01	-0.51	3.15e-05	0.0	3.28e-05
171	42	0.03	0.01	-0.51	7.25e-05	0.0	3.48e-05
171	49	1.66e-03	2.57e-03	-0.53	7.59e-05	0.0	1.80e-05
171	70	0.02	0.01	-0.51	3.15e-05	0.0	3.28e-05

171	74	0.02	6.97e-03	-0.52	7.34e-05	0.0	2.63e-05
171	75	0.02	6.97e-03	-0.52	7.34e-05	0.0	2.63e-05
171	76	0.02	6.97e-03	-0.52	7.34e-05	0.0	2.63e-05
172	1	0.03	0.02	-0.75	1.76e-04	-5.31e-05	4.09e-05
172	7	0.02	0.02	-0.57	1.29e-04	-3.62e-05	2.96e-05
172	10	0.03	0.01	-0.51	9.66e-05	1.58e-05	3.08e-05
172	17	4.15e-03	7.47e-03	-0.53	1.00e-04	-4.81e-05	1.16e-05
172	30	0.03	0.02	-0.51	6.27e-05	-1.95e-05	2.86e-05
172	42	0.03	0.01	-0.51	9.66e-05	1.58e-05	3.08e-05
172	49	4.15e-03	7.47e-03	-0.53	1.00e-04	-4.81e-05	1.16e-05
172	62	0.03	0.02	-0.51	6.27e-05	-1.95e-05	2.86e-05
172	74	0.02	0.01	-0.52	9.78e-05	-1.59e-05	2.10e-05
172	75	0.02	0.01	-0.52	9.78e-05	-1.59e-05	2.10e-05
172	76	0.02	0.01	-0.52	9.78e-05	-1.59e-05	2.10e-05
173	1	0.03	8.96e-03	-0.75	1.16e-04	0.0	4.90e-05
173	7	0.02	6.30e-03	-0.57	8.47e-05	0.0	3.59e-05
173	10	0.03	8.77e-03	-0.51	6.26e-05	0.0	3.49e-05
173	17	-9.81e-04	-2.03e-03	-0.53	6.51e-05	0.0	2.16e-05
173	38	0.02	0.01	-0.51	1.89e-05	0.0	3.42e-05
173	42	0.03	8.77e-03	-0.51	6.26e-05	0.0	3.49e-05
173	49	-9.81e-04	-2.03e-03	-0.53	6.51e-05	0.0	2.16e-05
173	70	0.02	0.01	-0.51	1.89e-05	0.0	3.42e-05
173	74	0.01	3.49e-03	-0.52	6.29e-05	0.0	2.82e-05
173	75	0.01	3.49e-03	-0.52	6.29e-05	0.0	2.82e-05
173	76	0.01	3.49e-03	-0.52	6.29e-05	0.0	2.82e-05
174	1	0.02	3.33e-03	-0.75	1.04e-04	0.0	4.46e-05
174	7	0.02	2.20e-03	-0.57	7.53e-05	0.0	3.29e-05
174	10	0.03	6.94e-03	-0.51	5.51e-05	0.0	3.23e-05
174	17	-3.75e-03	-6.35e-03	-0.53	5.67e-05	0.0	2.13e-05
174	38	0.02	0.01	-0.51	9.19e-06	0.0	3.20e-05
174	42	0.03	6.94e-03	-0.51	5.51e-05	0.0	3.23e-05
174	49	-3.75e-03	-6.35e-03	-0.53	5.67e-05	0.0	2.13e-05
174	70	0.02	0.01	-0.51	9.19e-06	0.0	3.20e-05
174	74	0.01	4.75e-04	-0.52	5.49e-05	0.0	2.67e-05
174	75	0.01	4.75e-04	-0.52	5.49e-05	0.0	2.67e-05
174	76	0.01	4.75e-04	-0.52	5.49e-05	0.0	2.67e-05
175	1	0.02	-1.73e-03	-0.75	9.34e-05	0.0	3.67e-05
175	3	0.02	-3.04e-03	-0.69	7.56e-05	0.0	3.47e-05
175	7	0.01	-1.46e-03	-0.57	6.75e-05	0.0	2.72e-05
175	8	0.01	-2.34e-03	-0.53	5.56e-05	0.0	2.59e-05
175	10	0.03	5.63e-03	-0.51	4.81e-05	0.0	2.99e-05
175	17	-6.67e-03	-0.01	-0.53	4.90e-05	0.0	1.64e-05
175	41	2.21e-03	-0.02	-0.53	9.45e-05	0.0	1.72e-05
175	42	0.03	5.63e-03	-0.51	4.81e-05	0.0	2.99e-05
175	49	-6.67e-03	-0.01	-0.53	4.90e-05	0.0	1.64e-05
175	73	2.21e-03	-0.02	-0.53	9.45e-05	0.0	1.72e-05
175	74	0.01	-2.15e-03	-0.52	4.75e-05	0.0	2.28e-05
175	75	0.01	-2.15e-03	-0.52	4.75e-05	0.0	2.28e-05
175	76	0.01	-2.15e-03	-0.52	4.75e-05	0.0	2.28e-05
176	1	0.02	-6.27e-03	-0.75	8.33e-05	0.0	2.74e-05
176	3	0.02	-6.68e-03	-0.69	6.58e-05	0.0	2.82e-05
176	7	0.01	-4.73e-03	-0.57	5.97e-05	0.0	2.05e-05
176	8	0.01	-5.01e-03	-0.53	4.81e-05	0.0	2.10e-05
176	10	0.03	-5.28e-03	-0.51	4.03e-05	0.0	2.34e-05
176	17	-9.78e-03	-4.08e-03	-0.53	4.07e-05	0.0	1.17e-05
176	41	2.38e-04	-0.02	-0.53	8.78e-05	0.0	2.02e-05
176	42	0.03	-5.28e-03	-0.51	4.03e-05	0.0	2.34e-05
176	49	-9.78e-03	-4.08e-03	-0.53	4.07e-05	0.0	1.17e-05
176	73	2.38e-04	-0.02	-0.53	8.78e-05	0.0	2.02e-05
176	74	0.01	-4.39e-03	-0.52	3.94e-05	0.0	1.80e-05
176	75	0.01	-4.39e-03	-0.52	3.94e-05	0.0	1.80e-05
176	76	0.01	-4.39e-03	-0.52	3.94e-05	0.0	1.80e-05
177	1	0.01	-0.01	-0.75	7.28e-05	0.0	1.97e-05
177	3	0.02	-9.79e-03	-0.69	5.56e-05	0.0	2.33e-05
177	7	9.54e-03	-7.58e-03	-0.57	5.14e-05	0.0	1.50e-05
177	8	0.01	-7.26e-03	-0.53	4.00e-05	0.0	1.74e-05
177	10	0.03	-7.08e-03	-0.51	3.10e-05	0.0	2.09e-05
177	17	-0.01	-5.98e-03	-0.53	3.15e-05	0.0	6.80e-06
177	39	0.01	-0.03	-0.52	9.10e-05	0.0	1.84e-05
177	42	0.03	-7.08e-03	-0.51	3.10e-05	0.0	2.09e-05
177	49	-0.01	-5.98e-03	-0.53	3.15e-05	0.0	6.80e-06
177	71	0.01	-0.03	-0.52	9.10e-05	0.0	1.84e-05
177	74	9.77e-03	-6.18e-03	-0.52	3.01e-05	0.0	1.43e-05
177	75	9.77e-03	-6.18e-03	-0.52	3.01e-05	0.0	1.43e-05
177	76	9.77e-03	-6.18e-03	-0.52	3.01e-05	0.0	1.43e-05
178	1	8.31e-03	-0.01	-0.75	6.03e-05	-6.33e-05	1.58e-05
178	3	0.01	-0.01	-0.69	4.43e-05	-2.78e-05	2.18e-05

178	7	6.69e-03	-0.01	-0.57	4.14e-05	-4.39e-05	1.23e-05
178	8	0.01	-9.12e-03	-0.53	3.07e-05	-2.03e-05	1.64e-05
178	11	0.03	-0.02	-0.51	4.82e-05	1.67e-05	2.87e-05
178	17	-0.01	-7.43e-03	-0.53	1.81e-05	-5.54e-05	4.90e-06
178	39	0.02	-0.03	-0.52	8.07e-05	0.0	1.99e-05
178	43	0.03	-0.02	-0.51	4.82e-05	1.67e-05	2.87e-05
178	49	-0.01	-7.43e-03	-0.53	1.81e-05	-5.54e-05	4.90e-06
178	71	0.02	-0.03	-0.52	8.07e-05	0.0	1.99e-05
178	74	8.02e-03	-7.49e-03	-0.52	1.69e-05	-2.32e-05	1.31e-05
178	75	8.02e-03	-7.49e-03	-0.52	1.69e-05	-2.32e-05	1.31e-05
178	76	8.02e-03	-7.49e-03	-0.52	1.69e-05	-2.32e-05	1.31e-05
179	1	0.03	0.02	-0.75	1.29e-04	0.0	4.64e-05
179	7	0.02	0.01	-0.56	9.36e-05	0.0	3.38e-05
179	10	0.03	0.01	-0.51	6.82e-05	0.0	3.47e-05
179	17	1.67e-03	4.00e-03	-0.52	7.11e-05	0.0	1.65e-05
179	38	0.02	0.02	-0.51	2.66e-05	0.0	3.29e-05
179	42	0.03	0.01	-0.51	6.82e-05	0.0	3.47e-05
179	49	1.67e-03	4.00e-03	-0.52	7.11e-05	0.0	1.65e-05
179	70	0.02	0.02	-0.51	2.66e-05	0.0	3.29e-05
179	74	0.02	8.81e-03	-0.52	6.89e-05	0.0	2.55e-05
179	75	0.02	8.81e-03	-0.52	6.89e-05	0.0	2.55e-05
179	76	0.02	8.81e-03	-0.52	6.89e-05	0.0	2.55e-05
180	1	0.03	0.03	-0.75	1.52e-04	-5.35e-05	4.09e-05
180	7	0.02	0.02	-0.56	1.10e-04	-3.65e-05	2.96e-05
180	10	0.03	0.02	-0.51	8.11e-05	1.56e-05	3.17e-05
180	17	4.18e-03	8.41e-03	-0.52	8.41e-05	-4.83e-05	1.10e-05
180	30	0.03	0.02	-0.51	4.58e-05	-1.98e-05	2.95e-05
180	42	0.03	0.02	-0.51	8.11e-05	1.56e-05	3.17e-05
180	49	4.18e-03	8.41e-03	-0.52	8.41e-05	-4.83e-05	1.10e-05
180	62	0.03	0.02	-0.51	4.58e-05	-1.98e-05	2.95e-05
180	74	0.02	0.01	-0.52	8.19e-05	-1.61e-05	2.12e-05
180	75	0.02	0.01	-0.52	8.19e-05	-1.61e-05	2.12e-05
180	76	0.02	0.01	-0.52	8.19e-05	-1.61e-05	2.12e-05
181	1	0.03	0.01	-0.75	1.19e-04	0.0	4.67e-05
181	7	0.02	8.77e-03	-0.56	8.67e-05	0.0	3.42e-05
181	10	0.03	0.01	-0.51	6.26e-05	0.0	3.43e-05
181	17	-9.45e-04	-3.39e-04	-0.52	6.56e-05	0.0	1.93e-05
181	38	0.02	0.01	-0.51	1.98e-05	0.0	3.36e-05
181	42	0.03	0.01	-0.51	6.26e-05	0.0	3.43e-05
181	49	-9.45e-04	-3.39e-04	-0.52	6.56e-05	0.0	1.93e-05
181	70	0.02	0.01	-0.51	1.98e-05	0.0	3.36e-05
181	74	0.01	5.42e-03	-0.52	6.33e-05	0.0	2.67e-05
181	75	0.01	5.42e-03	-0.52	6.33e-05	0.0	2.67e-05
181	76	0.01	5.42e-03	-0.52	6.33e-05	0.0	2.67e-05
182	1	0.02	6.37e-03	-0.75	1.13e-04	0.0	4.20e-05
182	7	0.02	4.44e-03	-0.56	8.16e-05	0.0	3.10e-05
182	10	0.03	8.81e-03	-0.51	5.82e-05	0.0	3.12e-05
182	17	-3.67e-03	-4.59e-03	-0.52	6.13e-05	0.0	1.90e-05
182	38	0.02	0.01	-0.51	1.47e-05	0.0	3.11e-05
182	42	0.03	8.81e-03	-0.51	5.82e-05	0.0	3.12e-05
182	49	-3.67e-03	-4.59e-03	-0.52	6.13e-05	0.0	1.90e-05
182	70	0.02	0.01	-0.51	1.47e-05	0.0	3.11e-05
182	74	0.01	2.28e-03	-0.52	5.89e-05	0.0	2.49e-05
182	75	0.01	2.28e-03	-0.52	5.89e-05	0.0	2.49e-05
182	76	0.01	2.28e-03	-0.52	5.89e-05	0.0	2.49e-05
183	1	0.02	7.32e-04	-0.75	1.06e-04	0.0	3.38e-05
183	2	0.02	7.91e-04	-0.58	8.61e-05	0.0	2.67e-05
183	7	0.01	3.58e-04	-0.56	7.68e-05	0.0	2.50e-05
183	9	0.01	-6.41e-04	-0.52	5.44e-05	0.0	2.06e-05
183	10	0.03	7.01e-03	-0.51	5.37e-05	0.0	2.77e-05
183	17	-6.49e-03	-8.73e-03	-0.52	5.69e-05	0.0	1.42e-05
183	41	2.36e-03	-0.02	-0.52	9.91e-05	0.0	1.44e-05
183	42	0.03	7.01e-03	-0.51	5.37e-05	0.0	2.77e-05
183	49	-6.49e-03	-8.73e-03	-0.52	5.69e-05	0.0	1.42e-05
183	73	2.36e-03	-0.02	-0.52	9.91e-05	0.0	1.44e-05
183	74	0.01	-6.41e-04	-0.52	5.44e-05	0.0	2.06e-05
183	75	0.01	-6.41e-04	-0.52	5.44e-05	0.0	2.06e-05
183	76	0.01	-6.41e-04	-0.52	5.44e-05	0.0	2.06e-05
184	1	0.02	-4.56e-03	-0.75	9.76e-05	0.0	2.23e-05
184	3	0.02	-4.95e-03	-0.69	7.67e-05	0.0	2.23e-05
184	7	0.01	-3.46e-03	-0.56	7.02e-05	0.0	1.65e-05
184	8	0.01	-3.72e-03	-0.53	5.63e-05	0.0	1.66e-05
184	10	0.03	5.53e-03	-0.51	4.72e-05	0.0	1.89e-05
184	17	-9.43e-03	-0.01	-0.52	4.99e-05	0.0	7.65e-06
184	41	5.33e-04	-0.02	-0.52	9.28e-05	0.0	2.20e-05
184	42	0.03	5.53e-03	-0.51	4.72e-05	0.0	1.89e-05
184	49	-9.43e-03	-0.01	-0.52	4.99e-05	0.0	7.65e-06

184	73	5.33e-04	-0.02	-0.52	9.28e-05	0.0	2.20e-05
184	74	0.01	-3.31e-03	-0.52	4.76e-05	0.0	1.38e-05
184	75	0.01	-3.31e-03	-0.52	4.76e-05	0.0	1.38e-05
184	76	0.01	-3.31e-03	-0.52	4.76e-05	0.0	1.38e-05
185	1	0.01	-9.21e-03	-0.75	8.15e-05	0.0	1.26e-05
185	3	0.02	-8.53e-03	-0.69	6.14e-05	0.0	1.45e-05
185	7	9.98e-03	-6.78e-03	-0.57	5.77e-05	0.0	9.41e-06
185	8	0.01	-6.33e-03	-0.53	4.43e-05	0.0	1.06e-05
185	10	0.03	-5.87e-03	-0.51	3.45e-05	0.0	1.53e-05
185	17	-0.01	-5.68e-03	-0.52	3.61e-05	0.0	0.0
185	39	0.01	-0.03	-0.52	9.02e-05	0.0	1.20e-05
185	42	0.03	-5.87e-03	-0.51	3.45e-05	0.0	1.53e-05
185	49	-0.01	-5.68e-03	-0.52	3.61e-05	0.0	0.0
185	71	0.01	-0.03	-0.52	9.02e-05	0.0	1.20e-05
185	74	0.01	-5.46e-03	-0.52	3.44e-05	0.0	8.04e-06
185	75	0.01	-5.46e-03	-0.52	3.44e-05	0.0	8.04e-06
185	76	0.01	-5.46e-03	-0.52	3.44e-05	0.0	8.04e-06
186	1	8.05e-03	-0.01	-0.75	6.00e-05	-8.81e-05	1.02e-05
186	3	0.01	-0.01	-0.69	4.25e-05	-5.12e-05	1.34e-05
186	7	6.48e-03	-9.32e-03	-0.57	4.08e-05	-6.29e-05	7.84e-06
186	8	9.79e-03	-8.20e-03	-0.53	2.92e-05	-3.83e-05	9.94e-06
186	11	0.03	-0.02	-0.51	4.50e-05	3.83e-06	0.0
186	17	-0.01	-7.15e-03	-0.52	1.56e-05	-7.85e-05	2.31e-05
186	39	0.02	-0.03	-0.52	7.45e-05	-1.61e-05	1.34e-05
186	43	0.03	-0.02	-0.51	4.50e-05	3.83e-06	0.0
186	49	-0.01	-7.15e-03	-0.52	1.56e-05	-7.85e-05	2.31e-05
186	71	0.02	-0.03	-0.52	7.45e-05	-1.61e-05	1.34e-05
186	74	7.82e-03	-6.76e-03	-0.52	1.51e-05	-4.17e-05	7.69e-06
186	75	7.82e-03	-6.76e-03	-0.52	1.51e-05	-4.17e-05	7.69e-06
186	76	7.82e-03	-6.76e-03	-0.52	1.51e-05	-4.17e-05	7.69e-06
187	1	0.03	0.02	-0.74	1.27e-04	-4.95e-05	4.00e-05
187	7	0.02	0.02	-0.56	9.22e-05	-3.36e-05	2.91e-05
187	10	0.03	0.02	-0.51	6.63e-05	-1.81e-05	3.29e-05
187	37	6.63e-03	3.21e-03	-0.52	1.10e-04	-1.23e-05	1.33e-05
187	38	0.02	0.02	-0.51	2.43e-05	-1.57e-05	3.03e-05
187	42	0.03	0.02	-0.51	6.63e-05	1.81e-05	3.29e-05
187	69	6.63e-03	3.21e-03	-0.52	1.10e-04	-1.23e-05	1.33e-05
187	70	0.02	0.02	-0.51	2.43e-05	-1.57e-05	3.03e-05
187	74	0.02	0.01	-0.52	6.68e-05	-1.40e-05	2.19e-05
187	75	0.02	0.01	-0.52	6.68e-05	-1.40e-05	2.19e-05
187	76	0.02	0.01	-0.52	6.68e-05	-1.40e-05	2.19e-05
188	1	0.03	0.02	-0.74	1.23e-04	-5.21e-05	3.74e-05
188	7	0.02	0.01	-0.56	8.90e-05	-3.55e-05	2.74e-05
188	10	0.03	0.01	-0.51	6.37e-05	1.63e-05	3.12e-05
188	37	5.29e-03	-2.50e-03	-0.52	1.08e-04	-1.37e-05	1.34e-05
188	38	0.02	0.02	-0.51	2.15e-05	-1.76e-05	2.89e-05
188	42	0.03	0.01	-0.51	6.37e-05	1.63e-05	3.12e-05
188	69	5.29e-03	-2.50e-03	-0.52	1.08e-04	-1.37e-05	1.34e-05
188	70	0.02	0.02	-0.51	2.15e-05	-1.76e-05	2.89e-05
188	74	0.01	7.15e-03	-0.52	6.42e-05	-1.56e-05	2.12e-05
188	75	0.01	7.15e-03	-0.52	6.42e-05	-1.56e-05	2.12e-05
188	76	0.01	7.15e-03	-0.52	6.42e-05	-1.56e-05	2.12e-05
189	1	0.02	9.06e-03	-0.74	1.19e-04	-5.41e-05	3.27e-05
189	7	0.02	6.42e-03	-0.56	8.64e-05	-3.71e-05	2.41e-05
189	10	0.03	0.01	-0.51	6.14e-05	1.47e-05	2.80e-05
189	37	3.79e-03	-8.20e-03	-0.52	1.06e-04	-1.49e-05	1.25e-05
189	38	0.02	0.02	-0.51	1.90e-05	-1.90e-05	2.59e-05
189	42	0.03	0.01	-0.51	6.14e-05	1.47e-05	2.80e-05
189	69	3.79e-03	-8.20e-03	-0.52	1.06e-04	-1.49e-05	1.25e-05
189	70	0.02	0.02	-0.51	1.90e-05	-1.90e-05	2.59e-05
189	74	0.01	3.88e-03	-0.52	6.20e-05	-1.70e-05	1.92e-05
189	75	0.01	3.88e-03	-0.52	6.20e-05	-1.70e-05	1.92e-05
189	76	0.01	3.88e-03	-0.52	6.20e-05	-1.70e-05	1.92e-05
190	1	0.02	2.91e-03	-0.74	1.16e-04	-5.59e-05	2.63e-05
190	7	0.01	1.97e-03	-0.56	8.39e-05	-3.84e-05	1.95e-05
190	10	0.03	8.28e-03	-0.51	5.91e-05	1.36e-05	2.41e-05
190	37	2.15e-03	-0.01	-0.52	1.03e-04	-1.59e-05	1.01e-05
190	38	0.02	0.02	-0.51	1.68e-05	-2.02e-05	2.22e-05
190	42	0.03	8.28e-03	-0.51	5.91e-05	1.36e-05	2.41e-05
190	69	2.15e-03	-0.01	-0.52	1.03e-04	-1.59e-05	1.01e-05
190	70	0.02	0.02	-0.51	1.68e-05	-2.22e-05	2.22e-05
190	74	0.01	6.93e-04	-0.52	5.97e-05	-1.80e-05	1.60e-05
190	75	0.01	6.93e-04	-0.52	5.97e-05	-1.80e-05	1.60e-05
190	76	0.01	6.93e-04	-0.52	5.97e-05	-1.80e-05	1.60e-05
191	1	0.02	-3.11e-03	-0.74	1.10e-04	-5.96e-05	1.88e-05
191	3	0.02	-3.48e-03	-0.69	8.79e-05	-2.59e-05	2.01e-05
191	7	0.01	-2.38e-03	-0.56	7.97e-05	-4.11e-05	1.40e-05

191	8	0.01	-2.63e-03	-0.52	6.47e-05	-1.87e-05	1.48e-05
191	10	0.03	6.18e-03	-0.51	5.51e-05	1.02e-05	2.05e-05
191	37	4.06e-04	-0.02	-0.52	9.91e-05	-1.82e-05	1.42e-05
191	41	6.45e-04	-0.02	-0.52	9.83e-05	-1.81e-05	1.36e-05
191	42	0.03	6.18e-03	-0.51	5.51e-05	1.02e-05	2.05e-05
191	69	4.06e-04	-0.02	-0.52	9.91e-05	-1.82e-05	1.42e-05
191	73	6.45e-04	-0.02	-0.52	9.83e-05	-1.81e-05	1.36e-05
191	74	0.01	-2.41e-03	-0.52	5.57e-05	-2.05e-05	1.17e-05
191	75	0.01	-2.41e-03	-0.52	5.57e-05	-2.05e-05	1.17e-05
191	76	0.01	-2.41e-03	-0.52	5.57e-05	-2.05e-05	1.17e-05
192	1	0.01	-8.93e-03	-0.74	9.35e-05	-7.93e-05	1.41e-05
192	3	0.02	-8.13e-03	-0.69	7.22e-05	-4.39e-05	1.52e-05
192	7	0.01	-6.59e-03	-0.56	6.66e-05	-5.61e-05	1.04e-05
192	8	0.01	-6.06e-03	-0.52	5.24e-05	-3.25e-05	1.12e-05
192	10	0.03	-5.34e-03	-0.51	4.24e-05	0.0	1.38e-05
192	37	-1.30e-03	-0.02	-0.52	8.64e-05	-3.27e-05	1.19e-05
192	39	0.01	-0.03	-0.52	9.53e-05	-8.68e-06	1.12e-05
192	42	0.03	-5.34e-03	-0.51	4.24e-05	0.0	1.38e-05
192	69	-1.30e-03	-0.02	-0.52	8.64e-05	-3.27e-05	1.19e-05
192	71	0.01	-0.03	-0.52	9.53e-05	-8.68e-06	1.12e-05
192	74	0.01	-5.40e-03	-0.52	4.21e-05	-3.44e-05	8.14e-06
192	75	0.01	-5.40e-03	-0.52	4.21e-05	-3.44e-05	8.14e-06
192	76	0.01	-5.40e-03	-0.52	4.21e-05	-3.44e-05	8.14e-06
193	1	0.03	0.02	-0.73	0.0	-4.44e-05	3.20e-05
193	7	0.02	0.02	-0.56	0.0	-3.00e-05	2.33e-05
193	10	0.03	0.02	-0.51	0.0	2.05e-05	3.04e-05
193	12	4.34e-03	8.86e-03	-0.52	0.0	-5.27e-05	9.41e-06
193	38	0.02	0.02	-0.51	0.0	-1.30e-05	2.67e-05
193	42	0.03	0.02	-0.51	0.0	2.05e-05	3.04e-05
193	44	4.34e-03	8.86e-03	-0.52	0.0	-5.27e-05	9.41e-06
193	70	0.02	0.02	-0.51	0.0	-1.30e-05	2.67e-05
193	74	0.01	0.01	-0.51	0.0	-1.17e-05	1.77e-05
193	75	0.01	0.01	-0.51	0.0	-1.17e-05	1.77e-05
193	76	0.01	0.01	-0.51	0.0	-1.17e-05	1.77e-05
194	1	0.03	0.03	-0.73	1.23e-04	-3.82e-05	3.81e-05
194	7	0.02	0.02	-0.56	8.92e-05	-2.53e-05	2.77e-05
194	10	0.03	0.02	-0.51	6.30e-05	2.39e-05	3.34e-05
194	12	6.63e-03	0.01	-0.52	3.87e-05	-4.73e-05	1.33e-05
194	30	0.02	0.02	-0.51	2.64e-05	-1.12e-05	3.17e-05
194	42	0.03	0.02	-0.51	6.30e-05	2.39e-05	3.34e-05
194	44	6.63e-03	0.01	-0.52	3.87e-05	-4.73e-05	1.33e-05
194	62	0.02	0.02	-0.51	2.64e-05	-1.12e-05	3.17e-05
194	74	0.01	0.01	-0.51	6.33e-05	-7.34e-06	2.09e-05
194	75	0.01	0.01	-0.51	6.33e-05	-7.34e-06	2.09e-05
194	76	0.01	0.01	-0.51	6.33e-05	-7.34e-06	2.09e-05
195	1	0.02	0.02	-0.74	0.0	-4.70e-05	2.71e-05
195	7	0.02	0.01	-0.56	0.0	-3.19e-05	1.98e-05
195	10	0.03	0.01	-0.51	0.0	1.90e-05	2.79e-05
195	12	1.94e-03	5.98e-03	-0.52	0.0	-5.46e-05	6.63e-06
195	38	0.02	0.02	-0.51	0.0	-1.46e-05	2.35e-05
195	42	0.03	0.01	-0.51	0.0	1.90e-05	2.79e-05
195	44	1.94e-03	5.98e-03	-0.52	0.0	-5.46e-05	6.63e-06
195	70	0.02	0.02	-0.51	0.0	-1.46e-05	2.35e-05
195	74	0.01	7.15e-03	-0.51	0.0	-1.34e-05	1.54e-05
195	75	0.01	7.15e-03	-0.51	0.0	-1.34e-05	1.54e-05
195	76	0.01	7.15e-03	-0.51	0.0	-1.34e-05	1.54e-05
196	1	0.02	9.05e-03	-0.74	0.0	-4.89e-05	2.32e-05
196	7	0.01	6.41e-03	-0.56	0.0	-3.34e-05	1.71e-05
196	10	0.03	0.01	-0.51	0.0	1.79e-05	2.60e-05
196	12	-5.19e-04	3.11e-03	-0.52	0.0	-5.60e-05	4.65e-06
196	38	0.02	0.02	-0.51	0.0	-1.58e-05	2.11e-05
196	42	0.03	0.01	-0.51	0.0	1.79e-05	2.60e-05
196	44	-5.19e-04	3.11e-03	-0.52	0.0	-5.60e-05	4.65e-06
196	70	0.02	0.02	-0.51	0.0	-1.58e-05	2.11e-05
196	74	0.01	3.87e-03	-0.51	0.0	-1.46e-05	1.37e-05
196	75	0.01	3.87e-03	-0.51	0.0	-1.46e-05	1.37e-05
196	76	0.01	3.87e-03	-0.51	0.0	-1.46e-05	1.37e-05
197	1	0.02	2.90e-03	-0.73	0.0	-5.11e-05	2.04e-05
197	7	0.01	1.97e-03	-0.56	0.0	-3.50e-05	1.52e-05
197	10	0.03	8.29e-03	-0.51	0.0	1.67e-05	2.46e-05
197	12	-3.03e-03	2.75e-04	-0.52	0.0	-5.75e-05	3.73e-06
197	38	0.02	0.02	-0.51	0.0	-1.71e-05	1.23e-05
197	42	0.03	8.29e-03	-0.51	0.0	1.67e-05	2.46e-05
197	44	-3.03e-03	2.75e-04	-0.52	0.0	-5.75e-05	3.73e-06
197	70	0.02	0.02	-0.51	0.0	-1.71e-05	1.23e-05
197	74	0.01	6.92e-04	-0.51	0.0	-1.59e-05	1.28e-05
197	75	0.01	6.92e-04	-0.51	0.0	-1.59e-05	1.28e-05

197	76	0.01	6.92e-04	-0.51	0.0	-1.59e-05	1.28e-05
198	1	0.02	-3.06e-03	-0.74	0.0	-5.68e-05	1.96e-05
198	3	0.02	-3.43e-03	-0.68	0.0	-2.39e-05	2.35e-05
198	7	0.01	-2.34e-03	-0.56	0.0	-3.93e-05	1.48e-05
198	8	0.01	-2.59e-03	-0.52	0.0	-1.73e-05	1.73e-05
198	10	0.03	6.25e-03	-0.51	0.0	1.42e-05	2.43e-05
198	12	-5.66e-03	-2.50e-03	-0.52	0.0	-6.31e-05	4.84e-06
198	41	-1.52e-04	-0.02	-0.51	0.0	-1.86e-05	1.35e-05
198	42	0.03	6.25e-03	-0.51	0.0	1.42e-05	2.43e-05
198	44	-5.66e-03	-2.50e-03	-0.52	0.0	-6.31e-05	4.84e-06
198	73	-1.52e-04	-0.02	-0.51	0.0	-1.86e-05	1.35e-05
198	74	0.01	-2.35e-03	-0.51	0.0	-1.97e-05	1.33e-05
198	75	0.01	-2.35e-03	-0.51	0.0	-1.97e-05	1.33e-05
198	76	0.01	-2.35e-03	-0.51	0.0	-1.97e-05	1.33e-05
199	1	0.01	-8.72e-03	-0.74	0.0	-7.20e-05	1.56e-05
199	3	0.01	-7.93e-03	-0.68	0.0	-3.75e-05	2.03e-05
199	7	9.13e-03	-6.43e-03	-0.56	0.0	-5.07e-05	1.19e-05
199	8	0.01	-5.90e-03	-0.52	0.0	-2.77e-05	1.50e-05
199	10	0.03	-5.11e-03	-0.51	0.0	6.42e-06	1.92e-05
199	12	-8.76e-03	4.49e-03	-0.52	0.0	-4.79e-05	0.0
199	39	9.65e-03	-0.02	-0.51	0.0	-4.51e-06	1.77e-05
199	42	0.03	-5.11e-03	-0.51	0.0	6.42e-06	1.92e-05
199	44	-8.76e-03	4.49e-03	-0.52	0.0	-7.76e-05	0.0
199	71	9.65e-03	-0.02	-0.51	0.0	-4.51e-06	1.77e-05
199	74	9.39e-03	-5.18e-03	-0.51	0.0	-3.04e-05	1.14e-05
199	75	9.39e-03	-5.18e-03	-0.51	0.0	-3.04e-05	1.14e-05
199	76	9.39e-03	-5.18e-03	-0.51	0.0	-3.04e-05	1.14e-05
200	1	7.62e-03	-0.01	-0.74	1.04e-04	-8.84e-05	5.34e-06
200	3	0.01	-0.01	-0.68	8.09e-05	-5.23e-05	1.14e-05
200	7	6.15e-03	-9.90e-03	-0.56	7.46e-05	-6.32e-05	4.28e-06
200	8	9.26e-03	-8.62e-03	-0.52	5.90e-05	-3.91e-05	8.30e-06
200	11	0.03	-0.02	-0.51	7.46e-05	8.10e-06	1.83e-05
200	12	-0.02	3.46e-03	-0.52	2.23e-05	-2.22e-05	-8.44e-06
200	39	0.02	-0.03	-0.51	9.89e-05	-1.48e-05	1.24e-05
200	43	0.03	-0.02	-0.51	7.46e-05	8.10e-06	1.83e-05
200	44	-0.02	3.46e-03	-0.52	2.23e-05	-9.22e-05	-8.44e-06
200	71	0.02	-0.03	-0.51	9.89e-05	-1.48e-05	1.24e-05
200	74	7.48e-03	-7.34e-03	-0.51	4.85e-05	-4.21e-05	4.94e-06
200	75	7.48e-03	-7.34e-03	-0.51	4.85e-05	-4.21e-05	4.94e-06
200	76	7.48e-03	-7.34e-03	-0.51	4.85e-05	-4.21e-05	4.94e-06
201	1	0.02	0.02	-0.73	0.0	-3.64e-05	2.88e-05
201	7	0.02	0.02	-0.55	0.0	-2.42e-05	2.11e-05
201	10	0.02	0.02	-0.51	0.0	2.38e-05	2.92e-05
201	28	0.02	0.02	-0.51	0.0	-3.29e-05	2.04e-05
201	38	0.02	0.02	-0.51	0.0	-8.28e-06	2.51e-05
201	42	0.02	0.02	-0.51	0.0	2.38e-05	2.92e-05
201	60	0.02	0.02	-0.51	0.0	-3.29e-05	2.04e-05
201	70	0.02	0.02	-0.51	0.0	-8.28e-06	2.51e-05
201	74	0.01	0.01	-0.51	0.0	-7.61e-06	1.63e-05
201	75	0.01	0.01	-0.51	0.0	-7.61e-06	1.63e-05
201	76	0.01	0.01	-0.51	0.0	-7.61e-06	1.63e-05
202	1	0.02	0.03	-0.73	1.22e-04	-2.53e-05	3.51e-05
202	7	0.02	0.02	-0.55	8.85e-05	-1.59e-05	2.57e-05
202	10	0.02	0.02	-0.51	6.26e-05	3.07e-05	3.20e-05
202	28	0.02	0.02	-0.51	1.76e-05	-2.49e-05	2.48e-05
202	30	0.02	0.02	-0.51	2.58e-05	-4.01e-06	3.05e-05
202	42	0.02	0.02	-0.51	6.26e-05	3.07e-05	3.20e-05
202	60	0.02	0.02	-0.51	1.76e-05	-2.48e-05	2.48e-05
202	62	0.02	0.02	-0.51	2.58e-05	-4.01e-06	3.05e-05
202	74	0.01	0.01	-0.51	6.28e-05	0.0	1.97e-05
202	75	0.01	0.01	-0.51	6.28e-05	0.0	1.97e-05
202	76	0.01	0.01	-0.51	6.28e-05	0.0	1.97e-05
203	1	0.02	0.02	-0.73	0.0	-4.14e-05	2.42e-05
203	7	0.02	0.01	-0.55	0.0	-2.80e-05	1.78e-05
203	10	0.03	0.01	-0.51	0.0	2.09e-05	2.76e-05
203	28	0.01	0.01	-0.51	0.0	-3.65e-05	1.71e-05
203	38	0.02	0.02	-0.51	0.0	-1.15e-05	2.24e-05
203	42	0.03	0.01	-0.51	0.0	2.09e-05	2.76e-05
203	60	0.01	0.01	-0.51	0.0	-3.65e-05	1.71e-05
203	70	0.02	0.02	-0.51	0.0	-1.15e-05	2.24e-05
203	74	0.01	7.13e-03	-0.51	0.0	-1.10e-05	1.42e-05
203	75	0.01	7.13e-03	-0.51	0.0	-1.10e-05	1.42e-05
203	76	0.01	7.13e-03	-0.51	0.0	-1.10e-05	1.42e-05
204	1	0.02	9.03e-03	-0.73	0.0	-4.53e-05	2.14e-05
204	7	0.01	6.40e-03	-0.55	0.0	-3.09e-05	1.59e-05
204	10	0.03	0.01	-0.51	0.0	1.86e-05	2.73e-05
204	28	0.01	0.01	-0.51	0.0	-3.95e-05	1.52e-05

204	38	0.02	0.02	-0.51	0.0	-1.41e-05	2.11e-05
204	42	0.03	0.01	-0.51	0.0	1.86e-05	2.73e-05
204	60	0.01	0.01	-0.51	0.0	-3.95e-05	1.52e-05
204	70	0.02	0.02	-0.51	0.0	-1.41e-05	2.11e-05
204	74	0.01	3.86e-03	-0.51	0.0	-1.35e-05	1.33e-05
204	75	0.01	3.86e-03	-0.51	0.0	-1.35e-05	1.33e-05
204	76	0.01	3.86e-03	-0.51	0.0	-1.35e-05	1.33e-05
205	1	0.02	2.95e-03	-0.73	0.0	-4.94e-05	1.99e-05
205	7	0.01	2.00e-03	-0.55	0.0	-3.40e-05	1.50e-05
205	10	0.03	8.36e-03	-0.51	0.0	1.66e-05	2.77e-05
205	28	0.01	0.01	-0.51	0.0	-4.30e-05	1.43e-05
205	38	0.02	0.02	-0.51	0.0	-1.68e-05	1.33e-05
205	42	0.03	8.36e-03	-0.51	0.0	1.66e-05	2.77e-05
205	60	0.01	0.01	-0.51	0.0	-4.30e-05	1.43e-05
205	70	0.02	0.02	-0.51	0.0	-1.68e-05	1.33e-05
205	74	0.01	7.44e-04	-0.51	0.0	-1.62e-05	1.34e-05
205	75	0.01	7.44e-04	-0.51	0.0	-1.62e-05	1.34e-05
205	76	0.01	7.44e-04	-0.51	0.0	-1.62e-05	1.34e-05
206	1	0.01	-2.91e-03	-0.73	0.0	-5.54e-05	1.87e-05
206	3	0.01	-3.29e-03	-0.67	0.0	-2.36e-05	2.46e-05
206	7	0.01	-2.22e-03	-0.55	0.0	-3.85e-05	1.42e-05
206	8	0.01	-2.48e-03	-0.51	0.0	-1.73e-05	1.82e-05
206	10	0.03	6.41e-03	-0.51	0.0	1.37e-05	2.85e-05
206	28	0.01	0.01	-0.51	0.0	-4.82e-05	1.36e-05
206	41	-8.57e-04	-0.02	-0.51	0.0	-1.97e-05	1.31e-05
206	42	0.03	6.41e-03	-0.51	0.0	1.37e-05	2.85e-05
206	60	0.01	0.01	-0.51	0.0	-4.82e-05	1.36e-05
206	73	-8.57e-04	-0.02	-0.51	0.0	-1.97e-05	1.31e-05
206	74	9.61e-03	-2.21e-03	-0.51	0.0	-2.02e-05	1.35e-05
206	75	9.61e-03	-2.21e-03	-0.51	0.0	-2.02e-05	1.35e-05
206	76	9.61e-03	-2.21e-03	-0.51	0.0	-2.02e-05	1.35e-05
207	1	0.01	-8.56e-03	-0.73	0.0	-6.35e-05	1.54e-05
207	3	0.01	-7.78e-03	-0.67	0.0	-3.08e-05	2.25e-05
207	7	8.16e-03	-6.30e-03	-0.55	0.0	-4.46e-05	1.19e-05
207	8	9.77e-03	-5.77e-03	-0.51	0.0	-2.28e-05	1.67e-05
207	10	0.03	-4.94e-03	-0.51	0.0	9.17e-06	2.92e-05
207	28	0.01	0.01	-0.51	0.0	-5.49e-05	1.15e-05
207	39	8.55e-03	-0.02	-0.50	0.0	-1.31e-06	2.03e-05
207	42	0.03	-4.94e-03	-0.51	0.0	9.17e-06	2.92e-05
207	60	0.01	0.01	-0.51	0.0	-5.49e-05	1.15e-05
207	71	8.55e-03	-0.02	-0.50	0.0	-1.31e-06	2.03e-05
207	74	8.43e-03	-5.02e-03	-0.51	0.0	-2.58e-05	1.22e-05
207	75	8.43e-03	-5.02e-03	-0.51	0.0	-2.58e-05	1.22e-05
207	76	8.43e-03	-5.02e-03	-0.51	0.0	-2.58e-05	1.22e-05
208	1	7.10e-03	-0.01	-0.73	1.20e-04	-6.94e-05	9.57e-06
208	3	0.01	-0.01	-0.67	9.58e-05	-3.61e-05	1.80e-05
208	7	5.73e-03	-0.01	-0.55	8.69e-05	-4.91e-05	7.68e-06
208	8	8.47e-03	-9.06e-03	-0.51	7.06e-05	-2.68e-05	1.33e-05
208	11	0.03	-0.02	-0.50	8.56e-05	1.63e-05	2.70e-05
208	28	-9.60e-03	0.01	-0.51	1.72e-05	-5.97e-05	0.0
208	39	7.23e-03	-0.03	-0.50	1.11e-04	-4.91e-06	1.75e-05
208	43	0.03	-0.02	-0.50	8.56e-05	1.63e-05	2.70e-05
208	60	-9.60e-03	0.01	-0.51	1.72e-05	-5.97e-05	0.0
208	71	7.23e-03	-0.03	-0.50	1.11e-04	-4.91e-06	1.75e-05
208	74	6.98e-03	-7.81e-03	-0.51	6.14e-05	-2.99e-05	9.03e-06
208	75	6.98e-03	-7.81e-03	-0.51	6.14e-05	-2.99e-05	9.03e-06
208	76	6.98e-03	-7.81e-03	-0.51	6.14e-05	-2.99e-05	9.03e-06
209	1	0.02	0.02	-0.72	0.0	-2.89e-05	2.70e-05
209	7	0.02	0.02	-0.54	0.0	-1.88e-05	1.98e-05
209	10	0.02	0.02	-0.50	0.0	2.62e-05	2.76e-05
209	32	0.01	0.02	-0.51	0.0	-2.85e-05	1.91e-05
209	38	0.02	0.02	-0.51	0.0	-4.13e-06	2.32e-05
209	42	0.02	0.02	-0.50	0.0	2.62e-05	2.76e-05
209	64	0.01	0.02	-0.51	0.0	-2.85e-05	1.91e-05
209	70	0.02	0.02	-0.51	0.0	-4.13e-06	2.32e-05
209	74	0.01	0.01	-0.50	0.0	-3.87e-06	1.55e-05
209	75	0.01	0.01	-0.50	0.0	-3.87e-06	1.55e-05
209	76	0.01	0.01	-0.50	0.0	-3.87e-06	1.55e-05
210	1	0.02	0.03	-0.72	1.30e-04	-1.14e-05	3.31e-05
210	7	0.02	0.02	-0.54	9.46e-05	-5.64e-06	2.42e-05
210	10	0.02	0.02	-0.50	6.82e-05	3.80e-05	3.01e-05
210	30	0.02	0.02	-0.51	3.15e-05	3.72e-06	2.83e-05
210	32	0.01	0.02	-0.51	2.25e-05	-1.66e-05	2.32e-05
210	42	0.02	0.02	-0.50	6.82e-05	3.80e-05	3.01e-05
210	62	0.02	0.02	-0.51	3.15e-05	3.72e-06	2.83e-05
210	64	0.01	0.02	-0.51	2.25e-05	-1.66e-05	2.32e-05
210	74	0.01	0.01	-0.50	6.84e-05	8.22e-06	1.88e-05

210	75	0.01	0.01	-0.50	6.84e-05	8.22e-06	1.88e-05
210	76	0.01	0.01	-0.50	6.84e-05	8.22e-06	1.88e-05
211	1	0.02	0.02	-0.72	0.0	-3.73e-05	2.34e-05
211	7	0.01	0.01	-0.54	0.0	-2.51e-05	1.73e-05
211	10	0.02	0.01	-0.50	0.0	2.08e-05	2.70e-05
211	32	0.01	0.01	-0.51	0.0	-3.45e-05	1.67e-05
211	38	0.02	0.02	-0.51	0.0	-9.79e-06	2.16e-05
211	42	0.02	0.01	-0.50	0.0	2.08e-05	2.70e-05
211	64	0.01	0.01	-0.51	0.0	-3.45e-05	1.67e-05
211	70	0.02	0.02	-0.51	0.0	-9.79e-06	2.16e-05
211	74	0.01	7.05e-03	-0.50	0.0	-9.59e-06	1.41e-05
211	75	0.01	7.05e-03	-0.50	0.0	-9.59e-06	1.41e-05
211	76	0.01	7.05e-03	-0.50	0.0	-9.59e-06	1.41e-05
212	1	0.02	8.93e-03	-0.72	0.0	-4.30e-05	2.18e-05
212	7	0.01	6.33e-03	-0.54	0.0	-2.94e-05	1.63e-05
212	10	0.03	0.01	-0.50	0.0	1.73e-05	2.79e-05
212	32	0.01	0.01	-0.51	0.0	-3.89e-05	1.58e-05
212	38	0.02	0.02	-0.51	0.0	-1.37e-05	2.16e-05
212	42	0.03	0.01	-0.50	0.0	1.73e-05	2.79e-05
212	64	0.01	0.01	-0.51	0.0	-3.89e-05	1.58e-05
212	70	0.02	0.02	-0.51	0.0	-1.37e-05	2.16e-05
212	74	0.01	3.81e-03	-0.50	0.0	-1.35e-05	1.40e-05
212	75	0.01	3.81e-03	-0.50	0.0	-1.35e-05	1.40e-05
212	76	0.01	3.81e-03	-0.50	0.0	-1.35e-05	1.40e-05
213	1	0.01	2.90e-03	-0.72	0.0	-4.75e-05	2.05e-05
213	7	0.01	1.97e-03	-0.54	0.0	-3.28e-05	1.55e-05
213	10	0.03	8.34e-03	-0.50	0.0	1.49e-05	2.92e-05
213	32	0.01	0.01	-0.51	0.0	-4.26e-05	1.52e-05
213	38	0.02	0.02	-0.51	0.0	-1.68e-05	2.20e-05
213	42	0.03	8.34e-03	-0.50	0.0	1.49e-05	2.92e-05
213	64	0.01	0.01	-0.51	0.0	-4.26e-05	1.52e-05
213	70	0.02	0.02	-0.51	0.0	-1.68e-05	2.20e-05
213	74	9.52e-03	7.32e-04	-0.50	0.0	-1.64e-05	1.41e-05
213	75	9.52e-03	7.32e-04	-0.50	0.0	-1.64e-05	1.41e-05
213	76	9.52e-03	7.32e-04	-0.50	0.0	-1.64e-05	1.41e-05
214	1	0.01	-2.94e-03	-0.72	0.0	-5.25e-05	1.86e-05
214	3	0.01	-3.31e-03	-0.67	0.0	-2.23e-05	2.52e-05
214	7	9.24e-03	-2.24e-03	-0.54	0.0	-3.65e-05	1.42e-05
214	8	9.42e-03	-2.49e-03	-0.51	0.0	-1.64e-05	1.86e-05
214	10	0.03	6.41e-03	-0.50	0.0	1.23e-05	3.04e-05
214	32	0.01	0.01	-0.51	0.0	-4.68e-05	1.42e-05
214	41	-1.42e-03	-0.02	-0.50	0.0	-1.91e-05	1.36e-05
214	42	0.03	6.41e-03	-0.50	0.0	1.23e-05	3.04e-05
214	64	0.01	0.01	-0.51	0.0	-4.68e-05	1.42e-05
214	73	-1.42e-03	-0.02	-0.50	0.0	-1.91e-05	1.36e-05
214	74	8.59e-03	-2.21e-03	-0.50	0.0	-1.97e-05	1.38e-05
214	75	8.59e-03	-2.21e-03	-0.50	0.0	-1.97e-05	1.38e-05
214	76	8.59e-03	-2.21e-03	-0.50	0.0	-1.97e-05	1.38e-05
215	1	9.38e-03	-8.64e-03	-0.72	0.0	-5.79e-05	1.58e-05
215	3	0.01	-7.84e-03	-0.67	0.0	-2.70e-05	2.37e-05
215	7	7.25e-03	-6.35e-03	-0.54	0.0	-4.06e-05	1.23e-05
215	8	8.48e-03	-5.82e-03	-0.51	0.0	-2.00e-05	1.76e-05
215	10	0.03	-4.96e-03	-0.50	0.0	9.32e-06	3.09e-05
215	32	0.01	0.01	-0.51	0.0	-5.12e-05	1.29e-05
215	39	7.49e-03	-0.02	-0.50	0.0	0.0	2.18e-05
215	42	0.03	-4.96e-03	-0.50	0.0	9.32e-06	3.09e-05
215	64	0.01	0.01	-0.51	0.0	-5.12e-05	1.29e-05
215	71	7.49e-03	-0.02	-0.50	0.0	0.0	2.18e-05
215	74	7.49e-03	-5.06e-03	-0.50	0.0	-2.32e-05	1.29e-05
215	75	7.49e-03	-5.06e-03	-0.50	0.0	-2.32e-05	1.29e-05
215	76	7.49e-03	-5.06e-03	-0.50	0.0	-2.32e-05	1.29e-05
216	1	6.30e-03	-0.01	-0.72	1.17e-04	-6.13e-05	1.28e-05
216	3	9.73e-03	-0.01	-0.67	9.39e-05	-3.00e-05	2.18e-05
216	7	5.09e-03	-0.01	-0.54	8.49e-05	-4.31e-05	1.02e-05
216	8	7.38e-03	-9.16e-03	-0.51	6.91e-05	-2.23e-05	1.62e-05
216	11	0.03	-0.02	-0.50	8.45e-05	1.76e-05	2.82e-05
216	32	-9.64e-03	0.01	-0.51	1.43e-05	-5.39e-05	1.11e-05
216	39	6.34e-03	-0.03	-0.50	1.10e-04	-2.01e-06	2.12e-05
216	43	0.03	-0.02	-0.50	8.45e-05	1.76e-05	2.82e-05
216	64	-9.64e-03	0.01	-0.51	1.43e-05	-5.39e-05	1.11e-05
216	71	6.34e-03	-0.03	-0.50	1.10e-04	-2.01e-06	2.12e-05
216	74	6.22e-03	-7.92e-03	-0.50	5.99e-05	-2.55e-05	1.16e-05
216	75	6.22e-03	-7.92e-03	-0.50	5.99e-05	-2.55e-05	1.16e-05
216	76	6.22e-03	-7.92e-03	-0.50	5.99e-05	-2.55e-05	1.16e-05
217	1	0.02	0.02	-0.71	0.0	-2.27e-05	2.60e-05
217	7	0.01	0.02	-0.54	0.0	-1.44e-05	1.90e-05
217	10	0.02	0.02	-0.50	0.0	2.78e-05	2.53e-05

217	38	0.02	0.02	-0.51	0.0	-1.37e-06	2.04e-05
217	40	0.01	0.02	-0.51	0.0	-2.12e-05	1.52e-05
217	42	0.02	0.02	-0.50	0.0	2.78e-05	2.53e-05
217	70	0.02	0.02	-0.51	0.0	-1.37e-06	2.04e-05
217	72	0.01	0.02	-0.51	0.0	-2.12e-05	1.52e-05
217	74	0.01	0.01	-0.50	0.0	0.0	1.47e-05
217	75	0.01	0.01	-0.50	0.0	0.0	1.47e-05
217	76	0.01	0.01	-0.50	0.0	0.0	1.47e-05
218	1	0.02	0.03	-0.71	1.51e-04	4.16e-06	3.33e-05
218	7	0.01	0.02	-0.53	1.10e-04	5.84e-06	2.43e-05
218	10	0.02	0.02	-0.50	8.22e-05	4.63e-05	2.88e-05
218	30	0.02	0.02	-0.51	4.54e-05	1.24e-05	2.64e-05
218	40	0.01	0.02	-0.51	3.19e-05	-2.74e-06	1.95e-05
218	42	0.02	0.02	-0.50	8.22e-05	4.63e-05	2.88e-05
218	62	0.02	0.02	-0.51	4.54e-05	1.24e-05	2.64e-05
218	72	0.01	0.02	-0.51	3.19e-05	-2.74e-06	1.95e-05
218	74	9.89e-03	0.01	-0.50	8.27e-05	1.75e-05	1.88e-05
218	75	9.89e-03	0.01	-0.50	8.27e-05	1.75e-05	1.88e-05
218	76	9.89e-03	0.01	-0.50	8.27e-05	1.75e-05	1.88e-05
219	1	0.02	0.01	-0.71	0.0	-3.60e-05	2.40e-05
219	7	0.01	0.01	-0.54	0.0	-2.45e-05	1.77e-05
219	10	0.02	0.01	-0.50	0.0	1.88e-05	2.55e-05
219	38	0.02	0.02	-0.51	0.0	-1.06e-05	2.06e-05
219	40	0.01	0.01	-0.51	0.0	-3.07e-05	1.50e-05
219	42	0.02	0.01	-0.50	0.0	1.88e-05	2.55e-05
219	70	0.02	0.02	-0.51	0.0	-1.06e-05	2.06e-05
219	72	0.01	0.01	-0.51	0.0	-3.07e-05	1.50e-05
219	74	9.86e-03	6.90e-03	-0.50	0.0	-1.02e-05	1.43e-05
219	75	9.86e-03	6.90e-03	-0.50	0.0	-1.02e-05	1.43e-05
219	76	9.86e-03	6.90e-03	-0.50	0.0	-1.02e-05	1.43e-05
220	1	0.02	8.83e-03	-0.71	0.0	-4.17e-05	2.42e-05
220	7	0.01	6.25e-03	-0.54	0.0	-2.87e-05	1.80e-05
220	10	0.02	0.01	-0.50	0.0	1.52e-05	2.74e-05
220	38	0.02	0.02	-0.51	0.0	-1.45e-05	2.24e-05
220	40	9.74e-03	0.01	-0.51	0.0	-3.47e-05	1.64e-05
220	42	0.02	0.01	-0.50	0.0	1.52e-05	2.74e-05
220	70	0.02	0.02	-0.51	0.0	-1.45e-05	2.24e-05
220	72	9.74e-03	0.01	-0.51	0.0	-3.47e-05	1.64e-05
220	74	9.21e-03	3.75e-03	-0.50	0.0	-1.40e-05	1.54e-05
220	75	9.21e-03	3.75e-03	-0.50	0.0	-1.40e-05	1.54e-05
220	76	9.21e-03	3.75e-03	-0.50	0.0	-1.40e-05	1.54e-05
221	1	0.01	2.84e-03	-0.71	0.0	-4.47e-05	2.24e-05
221	7	9.82e-03	1.93e-03	-0.54	0.0	-3.10e-05	1.69e-05
221	10	0.02	8.31e-03	-0.50	0.0	1.34e-05	2.83e-05
221	38	0.02	0.02	-0.51	0.0	-1.66e-05	2.31e-05
221	40	8.79e-03	0.01	-0.51	0.0	-3.69e-05	1.64e-05
221	42	0.02	8.31e-03	-0.50	0.0	1.34e-05	2.83e-05
221	70	0.02	0.02	-0.51	0.0	-1.66e-05	2.31e-05
221	72	8.79e-03	0.01	-0.51	0.0	-3.69e-05	1.64e-05
221	74	8.43e-03	7.06e-04	-0.50	0.0	-1.60e-05	1.52e-05
221	75	8.43e-03	7.06e-04	-0.50	0.0	-1.60e-05	1.52e-05
221	76	8.43e-03	7.06e-04	-0.50	0.0	-1.60e-05	1.52e-05
222	1	0.01	-3.02e-03	-0.71	0.0	-4.84e-05	1.93e-05
222	3	0.01	-3.37e-03	-0.66	0.0	-2.03e-05	2.51e-05
222	7	8.17e-03	-2.30e-03	-0.54	0.0	-3.38e-05	1.47e-05
222	8	8.03e-03	-2.54e-03	-0.50	0.0	-1.50e-05	1.86e-05
222	10	0.03	6.37e-03	-0.50	0.0	1.15e-05	2.86e-05
222	40	7.78e-03	0.01	-0.51	0.0	-4.00e-05	1.52e-05
222	41	-2.03e-03	-0.02	-0.49	0.0	-1.75e-05	5.54e-06
222	42	0.03	6.37e-03	-0.50	0.0	1.15e-05	2.86e-05
222	72	7.78e-03	0.01	-0.51	0.0	-4.00e-05	1.52e-05
222	73	-2.03e-03	-0.02	-0.49	0.0	-1.75e-05	5.54e-06
222	74	7.55e-03	-2.26e-03	-0.50	0.0	-1.84e-05	1.41e-05
222	75	7.55e-03	-2.26e-03	-0.50	0.0	-1.84e-05	1.41e-05
222	76	7.55e-03	-2.26e-03	-0.50	0.0	-1.84e-05	1.41e-05
223	1	8.19e-03	-8.70e-03	-0.71	0.0	-5.44e-05	1.66e-05
223	3	9.46e-03	-7.89e-03	-0.66	0.0	-2.53e-05	2.38e-05
223	7	6.33e-03	-6.40e-03	-0.54	0.0	-3.82e-05	1.28e-05
223	8	7.17e-03	-5.86e-03	-0.50	0.0	-1.88e-05	1.76e-05
223	11	0.03	-0.01	-0.49	0.0	1.90e-05	2.59e-05
223	39	6.41e-03	-0.02	-0.49	0.0	0.0	1.22e-05
223	40	6.63e-03	0.01	-0.51	0.0	-4.47e-05	1.41e-05
223	43	0.03	-0.01	-0.49	0.0	1.90e-05	2.59e-05
223	71	6.41e-03	-0.02	-0.49	0.0	0.0	1.22e-05
223	72	6.63e-03	0.01	-0.51	0.0	-4.47e-05	1.41e-05
223	74	6.52e-03	-5.10e-03	-0.50	0.0	-2.20e-05	1.31e-05
223	75	6.52e-03	-5.10e-03	-0.50	0.0	-2.20e-05	1.31e-05

223	76	6.52e-03	-5.10e-03	-0.50	0.0	-2.20e-05	1.31e-05
224	1	5.25e-03	-0.01	-0.71	1.07e-04	-5.91e-05	1.56e-05
224	3	8.03e-03	-0.01	-0.66	8.58e-05	-2.93e-05	2.37e-05
224	7	4.26e-03	-0.01	-0.54	7.74e-05	-4.16e-05	1.22e-05
224	8	6.11e-03	-9.05e-03	-0.50	6.30e-05	-2.18e-05	1.76e-05
224	11	0.03	-0.02	-0.49	7.94e-05	1.65e-05	2.60e-05
224	39	5.28e-03	-0.03	-0.49	1.06e-04	-2.02e-06	1.11e-05
224	40	5.32e-03	0.01	-0.51	1.52e-06	-4.79e-05	1.51e-05
224	43	0.03	-0.02	-0.49	7.94e-05	1.65e-05	2.60e-05
224	71	5.28e-03	-0.03	-0.49	1.06e-04	-2.02e-06	1.11e-05
224	72	5.32e-03	0.01	-0.51	1.52e-06	-4.79e-05	1.51e-05
224	74	5.30e-03	-7.81e-03	-0.50	5.37e-05	-2.49e-05	1.31e-05
224	75	5.30e-03	-7.81e-03	-0.50	5.37e-05	-2.49e-05	1.31e-05
224	76	5.30e-03	-7.81e-03	-0.50	5.37e-05	-2.49e-05	1.31e-05
225	1	0.02	0.02	-0.70	1.34e-04	-2.01e-05	3.11e-05
225	7	0.01	0.02	-0.53	9.72e-05	-1.27e-05	2.28e-05
225	10	0.02	0.02	-0.49	7.07e-05	2.78e-05	2.61e-05
225	38	0.02	0.02	-0.50	2.74e-05	-1.76e-06	1.81e-05
225	40	0.01	0.02	-0.51	1.83e-05	-2.17e-05	1.37e-05
225	42	0.02	0.02	-0.49	7.07e-05	2.78e-05	2.61e-05
225	70	0.02	0.02	-0.50	2.74e-05	-1.76e-06	1.81e-05
225	72	0.01	0.02	-0.51	1.83e-05	-2.17e-05	1.37e-05
225	74	9.32e-03	9.97e-03	-0.49	7.15e-05	0.0	1.78e-05
225	75	9.32e-03	9.97e-03	-0.49	7.15e-05	0.0	1.78e-05
225	76	9.32e-03	9.97e-03	-0.49	7.15e-05	0.0	1.78e-05
226	1	0.02	0.01	-0.70	1.18e-04	-3.69e-05	2.81e-05
226	7	0.01	0.01	-0.53	8.57e-05	-2.53e-05	2.07e-05
226	10	0.02	0.01	-0.49	6.04e-05	1.63e-05	2.48e-05
226	38	0.02	0.02	-0.50	1.75e-05	-1.36e-05	2.10e-05
226	40	9.44e-03	0.01	-0.51	8.21e-06	-3.37e-05	1.66e-05
226	42	0.02	0.01	-0.49	6.04e-05	1.63e-05	2.48e-05
226	70	0.02	0.02	-0.50	1.75e-05	-1.36e-05	2.10e-05
226	72	9.44e-03	0.01	-0.51	8.21e-06	-3.37e-05	1.66e-05
226	74	8.68e-03	6.90e-03	-0.49	6.08e-05	-1.20e-05	1.67e-05
226	75	8.68e-03	6.90e-03	-0.49	6.08e-05	-1.20e-05	1.67e-05
226	76	8.68e-03	6.90e-03	-0.49	6.08e-05	-1.20e-05	1.67e-05
227	1	0.01	8.94e-03	-0.70	1.17e-04	-3.94e-05	2.56e-05
227	7	9.94e-03	6.34e-03	-0.53	8.45e-05	-2.72e-05	1.90e-05
227	10	0.02	0.01	-0.49	5.92e-05	1.46e-05	2.46e-05
227	38	0.02	0.02	-0.51	1.64e-05	-1.53e-05	2.22e-05
227	40	8.56e-03	0.01	-0.51	7.10e-06	-3.53e-05	1.76e-05
227	42	0.02	0.01	-0.49	5.92e-05	1.46e-05	2.46e-05
227	70	0.02	0.02	-0.51	1.64e-05	-1.53e-05	2.22e-05
227	72	8.56e-03	0.01	-0.51	7.10e-06	-3.53e-05	1.76e-05
227	74	8.00e-03	3.83e-03	-0.49	5.96e-05	-1.37e-05	1.59e-05
227	75	8.00e-03	3.83e-03	-0.49	5.96e-05	-1.37e-05	1.59e-05
227	76	8.00e-03	3.83e-03	-0.49	5.96e-05	-1.37e-05	1.59e-05
228	1	0.01	2.96e-03	-0.70	1.16e-04	-4.10e-05	2.32e-05
228	7	8.52e-03	2.02e-03	-0.53	8.36e-05	-2.84e-05	1.73e-05
228	10	0.02	8.39e-03	-0.49	5.83e-05	1.35e-05	2.48e-05
228	38	0.02	0.02	-0.51	1.54e-05	-1.64e-05	2.38e-05
228	40	7.69e-03	0.01	-0.51	6.07e-06	-3.64e-05	1.89e-05
228	42	0.02	8.39e-03	-0.49	5.83e-05	1.35e-05	2.48e-05
228	70	0.02	0.02	-0.51	1.54e-05	-1.64e-05	2.38e-05
228	72	7.69e-03	0.01	-0.51	6.07e-06	-3.64e-05	1.89e-05
228	74	7.27e-03	7.87e-04	-0.49	5.87e-05	-1.47e-05	1.50e-05
228	75	7.27e-03	7.87e-04	-0.49	5.87e-05	-1.47e-05	1.50e-05
228	76	7.27e-03	7.87e-04	-0.49	5.87e-05	-1.47e-05	1.50e-05
229	1	9.32e-03	-2.95e-03	-0.70	1.14e-04	-4.33e-05	2.06e-05
229	3	8.76e-03	-3.30e-03	-0.65	9.07e-05	-1.76e-05	2.43e-05
229	7	7.03e-03	-2.25e-03	-0.53	8.22e-05	-3.01e-05	1.55e-05
229	8	6.66e-03	-2.49e-03	-0.50	6.67e-05	-1.30e-05	1.79e-05
229	10	0.02	6.41e-03	-0.49	5.71e-05	1.22e-05	2.52e-05
229	40	6.81e-03	0.01	-0.51	4.34e-06	-3.80e-05	2.00e-05
229	41	-2.87e-03	-0.02	-0.48	1.01e-04	-1.44e-05	2.65e-06
229	42	0.02	6.41e-03	-0.49	5.71e-05	1.22e-05	2.52e-05
229	72	6.81e-03	0.01	-0.51	4.34e-06	-3.80e-05	2.00e-05
229	73	-2.87e-03	-0.02	-0.48	1.01e-04	-1.44e-05	2.65e-06
229	74	6.49e-03	-2.20e-03	-0.50	5.75e-05	-1.61e-05	1.40e-05
229	75	6.49e-03	-2.20e-03	-0.50	5.75e-05	-1.61e-05	1.40e-05
229	76	6.49e-03	-2.20e-03	-0.50	5.75e-05	-1.61e-05	1.40e-05
230	1	7.05e-03	-8.75e-03	-0.70	1.07e-04	-5.09e-05	1.80e-05
230	3	7.82e-03	-7.93e-03	-0.65	8.56e-05	-2.36e-05	2.32e-05
230	7	5.45e-03	-6.43e-03	-0.53	7.74e-05	-3.57e-05	1.36e-05
230	8	5.96e-03	-5.89e-03	-0.50	6.29e-05	-1.72e-05	1.72e-05
230	11	0.03	-0.01	-0.49	8.06e-05	1.99e-05	1.82e-05
230	39	5.37e-03	-0.03	-0.48	1.09e-04	2.07e-06	5.20e-06

230	40	5.89e-03	0.01	-0.51	-2.09e-06	-4.35e-05	2.06e-05
230	43	0.03	-0.01	-0.49	8.06e-05	1.99e-05	1.82e-05
230	71	5.37e-03	-0.03	-0.48	1.09e-04	2.07e-06	5.20e-06
230	72	5.89e-03	0.01	-0.51	-2.09e-06	-4.35e-05	2.06e-05
230	74	5.63e-03	-5.13e-03	-0.50	5.36e-05	-2.07e-05	1.29e-05
230	75	5.63e-03	-5.13e-03	-0.50	5.36e-05	-2.07e-05	1.29e-05
230	76	5.63e-03	-5.13e-03	-0.50	5.36e-05	-2.07e-05	1.29e-05
231	1	0.02	0.02	-0.70	1.39e-04	0.0	3.50e-05
231	7	0.01	0.02	-0.53	1.01e-04	0.0	2.57e-05
231	10	0.02	0.02	-0.49	7.30e-05	0.0	2.55e-05
231	34	0.02	0.02	-0.50	2.57e-05	0.0	1.72e-05
231	40	0.01	0.02	-0.51	1.68e-05	0.0	1.34e-05
231	42	0.02	0.02	-0.49	7.30e-05	0.0	2.55e-05
231	66	0.02	0.02	-0.50	2.57e-05	0.0	1.72e-05
231	72	0.01	0.02	-0.51	1.68e-05	0.0	1.34e-05
231	74	9.02e-03	0.01	-0.49	7.41e-05	0.0	2.06e-05
231	75	9.02e-03	0.01	-0.49	7.41e-05	0.0	2.06e-05
231	76	9.02e-03	0.01	-0.49	7.41e-05	0.0	2.06e-05
232	1	0.02	0.03	-0.69	1.66e-04	-7.09e-06	3.30e-05
232	7	0.01	0.02	-0.53	1.22e-04	-2.84e-06	2.41e-05
232	10	0.02	0.02	-0.49	9.21e-05	3.63e-05	2.40e-05
232	30	0.02	0.02	-0.50	4.91e-05	1.70e-06	1.27e-05
232	40	0.01	0.02	-0.51	3.42e-05	-1.20e-05	6.72e-06
232	42	0.02	0.02	-0.49	9.21e-05	3.63e-05	2.40e-05
232	62	0.02	0.02	-0.50	4.91e-05	1.70e-06	1.27e-05
232	72	0.01	0.02	-0.51	3.42e-05	-1.20e-05	6.72e-06
232	74	8.74e-03	0.02	-0.49	9.30e-05	8.77e-06	1.88e-05
232	75	8.74e-03	0.02	-0.49	9.30e-05	8.77e-06	1.88e-05
232	76	8.74e-03	0.02	-0.49	9.30e-05	8.77e-06	1.88e-05
233	1	0.02	0.02	-0.70	1.26e-04	0.0	3.21e-05
233	7	0.01	0.01	-0.53	9.13e-05	0.0	2.36e-05
233	10	0.02	0.01	-0.49	6.42e-05	0.0	2.47e-05
233	34	0.02	0.02	-0.50	1.67e-05	0.0	2.24e-05
233	40	9.44e-03	0.02	-0.51	7.81e-06	0.0	1.91e-05
233	42	0.02	0.01	-0.49	6.42e-05	0.0	2.47e-05
233	66	0.02	0.02	-0.50	1.67e-05	0.0	2.24e-05
233	72	9.44e-03	0.02	-0.51	7.81e-06	0.0	1.91e-05
233	74	8.68e-03	8.23e-03	-0.49	6.52e-05	0.0	1.92e-05
233	75	8.68e-03	8.23e-03	-0.49	6.52e-05	0.0	1.92e-05
233	76	8.68e-03	8.23e-03	-0.49	6.52e-05	0.0	1.92e-05
234	1	0.01	0.01	-0.70	1.21e-04	0.0	2.72e-05
234	7	0.01	7.76e-03	-0.53	8.75e-05	0.0	2.00e-05
234	10	0.02	0.01	-0.49	6.07e-05	0.0	2.33e-05
234	34	0.02	0.02	-0.51	1.30e-05	0.0	2.20e-05
234	40	8.64e-03	0.02	-0.51	4.04e-06	0.0	1.86e-05
234	42	0.02	0.01	-0.49	6.07e-05	0.0	2.33e-05
234	66	0.02	0.02	-0.51	1.30e-05	0.0	2.20e-05
234	72	8.64e-03	0.02	-0.51	4.04e-06	0.0	1.86e-05
234	74	8.07e-03	5.00e-03	-0.49	6.16e-05	0.0	1.63e-05
234	75	8.07e-03	5.00e-03	-0.49	6.16e-05	0.0	1.63e-05
234	76	8.07e-03	5.00e-03	-0.49	6.16e-05	0.0	1.63e-05
235	1	0.01	4.70e-03	-0.70	1.19e-04	0.0	2.40e-05
235	7	8.61e-03	3.31e-03	-0.53	8.59e-05	0.0	1.77e-05
235	10	0.02	9.50e-03	-0.49	5.92e-05	0.0	2.40e-05
235	38	0.02	0.02	-0.51	1.22e-05	0.0	2.57e-05
235	40	7.77e-03	0.01	-0.51	2.13e-06	0.0	2.12e-05
235	42	0.02	9.50e-03	-0.49	5.92e-05	0.0	2.40e-05
235	70	0.02	0.02	-0.51	1.22e-05	0.0	2.57e-05
235	72	7.77e-03	0.01	-0.51	2.13e-06	0.0	2.12e-05
235	74	7.35e-03	1.87e-03	-0.49	6.01e-05	0.0	1.46e-05
235	75	7.35e-03	1.87e-03	-0.49	6.01e-05	0.0	1.46e-05
235	76	7.35e-03	1.87e-03	-0.49	6.01e-05	0.0	1.46e-05
236	1	9.39e-03	-1.36e-03	-0.70	1.16e-04	0.0	2.17e-05
236	3	8.82e-03	-1.53e-03	-0.65	9.06e-05	0.0	2.32e-05
236	7	7.08e-03	-1.06e-03	-0.53	8.38e-05	0.0	1.61e-05
236	8	6.70e-03	-1.18e-03	-0.50	6.67e-05	0.0	1.71e-05
236	10	0.02	7.46e-03	-0.49	5.75e-05	0.0	2.62e-05
236	40	6.86e-03	0.01	-0.51	0.0	0.0	2.45e-05
236	41	-2.83e-03	-0.02	-0.48	1.07e-04	0.0	-2.91e-06
236	42	0.02	7.46e-03	-0.49	5.75e-05	0.0	2.62e-05
236	72	6.86e-03	0.01	-0.51	0.0	0.0	2.45e-05
236	73	-2.83e-03	-0.02	-0.48	1.07e-04	0.0	-2.91e-06
236	74	6.53e-03	-1.17e-03	-0.49	5.83e-05	0.0	1.36e-05
236	75	6.53e-03	-1.17e-03	-0.49	5.83e-05	0.0	1.36e-05
236	76	6.53e-03	-1.17e-03	-0.49	5.83e-05	0.0	1.36e-05
237	1	7.01e-03	-7.22e-03	-0.70	1.12e-04	0.0	1.86e-05
237	3	7.79e-03	-6.10e-03	-0.65	8.67e-05	0.0	2.24e-05

237	7	5.42e-03	-5.29e-03	-0.53	8.04e-05	0.0	1.39e-05
237	8	5.94e-03	-4.54e-03	-0.50	6.38e-05	0.0	1.65e-05
237	11	0.03	-0.01	-0.49	8.46e-05	0.0	1.55e-05
237	39	5.35e-03	-0.02	-0.48	1.15e-04	0.0	-1.03e-05
237	40	5.86e-03	0.02	-0.51	-4.48e-06	0.0	3.46e-05
237	43	0.03	-0.01	-0.49	8.46e-05	0.0	1.55e-05
237	71	5.35e-03	-0.02	-0.48	1.15e-04	0.0	-1.03e-05
237	72	5.86e-03	0.02	-0.51	-4.48e-06	0.0	3.46e-05
237	74	5.61e-03	-4.10e-03	-0.49	5.54e-05	0.0	1.22e-05
237	75	5.61e-03	-4.10e-03	-0.49	5.54e-05	0.0	1.22e-05
237	76	5.61e-03	-4.10e-03	-0.49	5.54e-05	0.0	1.22e-05
238	1	4.37e-03	-0.01	-0.70	1.08e-04	-4.92e-05	1.41e-05
238	3	6.56e-03	-0.01	-0.65	8.36e-05	-2.15e-05	2.06e-05
238	7	3.57e-03	-9.33e-03	-0.53	7.76e-05	-3.44e-05	1.07e-05
238	8	5.02e-03	-7.74e-03	-0.50	6.14e-05	-1.59e-05	1.50e-05
238	11	0.03	-0.02	-0.49	8.26e-05	1.97e-05	1.37e-05
238	39	4.31e-03	-0.03	-0.48	1.14e-04	2.96e-06	-1.72e-05
238	40	4.75e-03	0.02	-0.51	-7.61e-06	-4.12e-05	3.70e-05
238	43	0.03	-0.02	-0.49	8.26e-05	1.97e-05	1.37e-05
238	71	4.31e-03	-0.03	-0.48	1.14e-04	2.96e-06	-1.72e-05
238	72	4.75e-03	0.02	-0.51	-7.61e-06	-4.12e-05	3.70e-05
238	74	4.53e-03	-6.88e-03	-0.49	5.31e-05	-1.91e-05	9.90e-06
238	75	4.53e-03	-6.88e-03	-0.49	5.31e-05	-1.91e-05	9.90e-06
238	76	4.53e-03	-6.88e-03	-0.49	5.31e-05	-1.91e-05	9.90e-06
239	1	0.02	0.03	-0.69	1.40e-04	0.0	3.48e-05
239	7	0.01	0.02	-0.53	1.02e-04	0.0	2.55e-05
239	10	0.02	0.02	-0.49	7.35e-05	0.0	2.45e-05
239	34	0.01	0.02	-0.50	1.94e-05	0.0	1.37e-05
239	40	9.89e-03	0.02	-0.51	8.86e-06	0.0	9.82e-06
239	42	0.02	0.02	-0.49	7.35e-05	0.0	2.45e-05
239	66	0.01	0.02	-0.50	1.94e-05	0.0	1.37e-05
239	72	9.89e-03	0.02	-0.51	8.86e-06	0.0	9.82e-06
239	74	8.88e-03	0.01	-0.49	7.42e-05	0.0	2.04e-05
239	75	8.88e-03	0.01	-0.49	7.42e-05	0.0	2.04e-05
239	76	8.88e-03	0.01	-0.49	7.42e-05	0.0	2.04e-05
240	1	0.02	0.03	-0.69	1.61e-04	-3.03e-05	3.38e-05
240	7	0.01	0.02	-0.53	1.17e-04	-2.03e-05	2.47e-05
240	10	0.02	0.02	-0.49	8.82e-05	2.04e-05	2.41e-05
240	18	0.02	0.02	-0.49	9.16e-05	2.02e-05	2.50e-05
240	40	0.01	0.02	-0.51	2.26e-05	-2.84e-05	3.34e-06
240	42	0.02	0.02	-0.49	8.82e-05	2.04e-05	2.41e-05
240	50	0.02	0.02	-0.49	9.16e-05	2.02e-05	2.50e-05
240	72	0.01	0.02	-0.51	2.26e-05	-2.84e-05	3.34e-06
240	74	8.95e-03	0.02	-0.49	8.84e-05	-7.06e-06	1.94e-05
240	75	8.95e-03	0.02	-0.49	8.84e-05	-7.06e-06	1.94e-05
240	76	8.95e-03	0.02	-0.49	8.84e-05	-7.06e-06	1.94e-05
241	1	0.02	0.02	-0.69	1.32e-04	0.0	3.33e-05
241	7	0.01	0.01	-0.53	9.54e-05	0.0	2.45e-05
241	10	0.02	0.02	-0.49	6.77e-05	0.0	2.49e-05
241	34	0.02	0.02	-0.50	1.34e-05	0.0	1.79e-05
241	40	9.31e-03	0.02	-0.51	2.90e-06	0.0	1.48e-05
241	42	0.02	0.02	-0.49	6.77e-05	0.0	2.49e-05
241	66	0.02	0.02	-0.50	1.34e-05	0.0	1.79e-05
241	72	9.31e-03	0.02	-0.51	2.90e-06	0.0	1.48e-05
241	74	8.55e-03	9.70e-03	-0.49	6.84e-05	0.0	1.97e-05
241	75	8.55e-03	9.70e-03	-0.49	6.84e-05	0.0	1.97e-05
241	76	8.55e-03	9.70e-03	-0.49	6.84e-05	0.0	1.97e-05
242	1	0.01	0.01	-0.69	1.27e-04	0.0	2.99e-05
242	7	9.97e-03	9.35e-03	-0.53	9.17e-05	0.0	2.20e-05
242	10	0.02	0.01	-0.49	6.43e-05	0.0	2.49e-05
242	34	0.02	0.02	-0.50	9.49e-06	0.0	2.32e-05
242	40	8.59e-03	0.02	-0.51	-1.16e-06	0.0	1.97e-05
242	42	0.02	0.01	-0.49	6.43e-05	0.0	2.49e-05
242	66	0.02	0.02	-0.50	9.49e-06	0.0	2.32e-05
242	72	8.59e-03	0.02	-0.51	-1.16e-06	0.0	1.97e-05
242	74	8.02e-03	6.29e-03	-0.49	6.50e-05	0.0	1.78e-05
242	75	8.02e-03	6.29e-03	-0.49	6.50e-05	0.0	1.78e-05
242	76	8.02e-03	6.29e-03	-0.49	6.50e-05	0.0	1.78e-05
243	1	0.01	6.60e-03	-0.69	1.24e-04	0.0	2.61e-05
243	7	8.58e-03	4.70e-03	-0.53	8.93e-05	0.0	1.92e-05
243	10	0.02	0.01	-0.49	6.21e-05	0.0	2.66e-05
243	38	0.02	0.02	-0.50	7.71e-06	0.0	2.77e-05
243	40	7.75e-03	0.02	-0.51	-4.21e-06	0.0	2.26e-05
243	42	0.02	0.01	-0.49	6.21e-05	0.0	2.66e-05
243	70	0.02	0.02	-0.50	7.71e-06	0.0	2.77e-05
243	72	7.75e-03	0.02	-0.51	-4.21e-06	0.0	2.26e-05
243	74	7.33e-03	3.01e-03	-0.49	6.27e-05	0.0	1.55e-05

243	75	7.33e-03	3.01e-03	-0.49	6.27e-05	0.0	1.55e-05
243	76	7.33e-03	3.01e-03	-0.49	6.27e-05	0.0	1.55e-05
244	1	9.33e-03	3.09e-04	-0.69	1.21e-04	0.0	2.22e-05
244	2	7.24e-03	3.10e-04	-0.54	9.80e-05	0.0	1.76e-05
244	7	7.04e-03	1.70e-04	-0.53	8.70e-05	0.0	1.64e-05
244	10	0.02	8.49e-03	-0.49	6.02e-05	0.0	9.20e-06
244	40	6.82e-03	0.02	-0.51	-7.29e-06	0.0	3.25e-05
244	41	-2.87e-03	-0.02	-0.48	1.16e-04	0.0	0.0
244	42	0.02	8.49e-03	-0.49	6.02e-05	0.0	9.20e-06
244	72	6.82e-03	0.02	-0.51	-7.29e-06	0.0	3.25e-05
244	73	-2.87e-03	-0.02	-0.48	1.16e-04	0.0	0.0
244	74	6.49e-03	-1.58e-04	-0.49	6.06e-05	0.0	1.33e-05
244	75	6.49e-03	-1.58e-04	-0.49	6.06e-05	0.0	1.33e-05
244	76	6.49e-03	-1.58e-04	-0.49	6.06e-05	0.0	1.33e-05
245	1	6.96e-03	-5.81e-03	-0.69	1.17e-04	0.0	1.85e-05
245	3	7.73e-03	-4.44e-03	-0.65	8.85e-05	0.0	2.13e-05
245	7	5.38e-03	-4.24e-03	-0.53	8.45e-05	0.0	1.37e-05
245	8	5.89e-03	-3.32e-03	-0.50	6.52e-05	0.0	1.56e-05
245	11	0.03	-0.01	-0.49	9.27e-05	0.0	-9.27e-06
245	39	5.30e-03	-0.03	-0.48	1.27e-04	0.0	-1.50e-05
245	40	5.82e-03	0.02	-0.51	-1.05e-05	0.0	3.78e-05
245	43	0.03	-0.01	-0.49	9.27e-05	0.0	-9.27e-06
245	71	5.30e-03	-0.03	-0.48	1.27e-04	0.0	-1.50e-05
245	72	5.82e-03	0.02	-0.51	-1.05e-05	0.0	3.78e-05
245	74	5.56e-03	-3.21e-03	-0.49	5.83e-05	0.0	1.14e-05
245	75	5.56e-03	-3.21e-03	-0.49	5.83e-05	0.0	1.14e-05
245	76	5.56e-03	-3.21e-03	-0.49	5.83e-05	0.0	1.14e-05
246	1	4.63e-03	-0.01	-0.69	1.15e-04	-3.79e-05	1.49e-05
246	3	6.75e-03	-8.93e-03	-0.65	8.64e-05	-1.20e-05	2.04e-05
246	7	3.75e-03	-8.53e-03	-0.53	8.29e-05	-2.60e-05	1.11e-05
246	8	5.16e-03	-6.63e-03	-0.50	6.37e-05	-8.71e-06	1.48e-05
246	11	0.03	-0.02	-0.49	9.14e-05	2.54e-05	-1.52e-05
246	39	4.44e-03	-0.03	-0.48	1.26e-04	9.25e-06	-2.27e-05
246	40	4.90e-03	0.02	-0.51	-1.25e-05	-3.32e-05	4.21e-05
246	43	0.03	-0.02	-0.49	9.14e-05	2.54e-05	-1.52e-05
246	71	4.44e-03	-0.03	-0.48	1.26e-04	9.25e-06	-2.27e-05
246	72	4.90e-03	0.02	-0.51	-1.25e-05	-3.32e-05	4.21e-05
246	74	4.67e-03	-6.16e-03	-0.49	5.67e-05	-1.20e-05	9.71e-06
246	75	4.67e-03	-6.16e-03	-0.49	5.67e-05	-1.20e-05	9.71e-06
246	76	4.67e-03	-6.16e-03	-0.49	5.67e-05	-1.20e-05	9.71e-06
247	1	0.02	0.03	-0.69	1.41e-04	0.0	3.66e-05
247	7	0.01	0.02	-0.52	1.02e-04	0.0	2.68e-05
247	10	0.02	0.02	-0.50	7.48e-05	0.0	2.53e-05
247	26	0.02	0.02	-0.50	1.68e-05	0.0	1.60e-05
247	34	0.01	0.02	-0.50	1.27e-05	0.0	1.36e-05
247	42	0.02	0.02	-0.50	7.48e-05	0.0	2.53e-05
247	58	0.02	0.02	-0.50	1.68e-05	0.0	1.60e-05
247	66	0.01	0.02	-0.50	1.27e-05	0.0	1.36e-05
247	74	8.87e-03	0.01	-0.49	7.43e-05	0.0	2.12e-05
247	75	8.87e-03	0.01	-0.49	7.43e-05	0.0	2.12e-05
247	76	8.87e-03	0.01	-0.49	7.43e-05	0.0	2.12e-05
248	1	0.02	0.04	-0.69	1.57e-04	-3.93e-05	3.67e-05
248	7	0.01	0.03	-0.52	1.15e-04	-2.71e-05	2.68e-05
248	10	0.02	0.02	-0.50	8.63e-05	1.42e-05	2.57e-05
248	18	0.02	0.03	-0.50	9.01e-05	1.41e-05	2.67e-05
248	34	0.01	0.02	-0.50	2.49e-05	-1.49e-05	9.19e-06
248	42	0.02	0.02	-0.50	8.63e-05	1.42e-05	2.57e-05
248	50	0.02	0.03	-0.50	9.01e-05	1.41e-05	2.67e-05
248	66	0.01	0.02	-0.50	2.49e-05	-1.49e-05	9.19e-06
248	74	9.10e-03	0.02	-0.49	8.54e-05	-1.32e-05	2.10e-05
248	75	9.10e-03	0.02	-0.49	8.54e-05	-1.32e-05	2.10e-05
248	76	9.10e-03	0.02	-0.49	8.54e-05	-1.32e-05	2.10e-05
249	1	0.02	0.02	-0.69	1.36e-04	0.0	3.47e-05
249	7	0.01	0.02	-0.52	9.82e-05	0.0	2.55e-05
249	10	0.02	0.02	-0.50	7.10e-05	0.0	2.57e-05
249	34	0.02	0.02	-0.50	8.43e-06	0.0	1.75e-05
249	42	0.02	0.02	-0.50	7.10e-05	0.0	2.57e-05
249	66	0.02	0.02	-0.50	8.43e-06	0.0	1.75e-05
249	74	8.51e-03	0.01	-0.49	7.06e-05	0.0	2.03e-05
249	75	8.51e-03	0.01	-0.49	7.06e-05	0.0	2.03e-05
249	76	8.51e-03	0.01	-0.49	7.06e-05	0.0	2.03e-05
250	1	0.01	0.02	-0.69	1.33e-04	0.0	3.13e-05
250	7	9.96e-03	0.01	-0.52	9.59e-05	0.0	2.29e-05
250	10	0.02	0.01	-0.50	6.88e-05	0.0	2.55e-05
250	34	0.02	0.02	-0.50	5.71e-06	0.0	2.32e-05
250	42	0.02	0.01	-0.50	6.88e-05	0.0	2.55e-05
250	66	0.02	0.02	-0.50	5.71e-06	0.0	2.32e-05

250	74	8.02e-03	7.66e-03	-0.49	6.84e-05	0.0	1.83e-05
250	75	8.02e-03	7.66e-03	-0.49	6.84e-05	0.0	1.83e-05
250	76	8.02e-03	7.66e-03	-0.49	6.84e-05	0.0	1.83e-05
251	1	0.01	8.61e-03	-0.69	1.30e-04	0.0	2.67e-05
251	7	8.63e-03	6.18e-03	-0.52	9.41e-05	0.0	1.95e-05
251	10	0.02	0.01	-0.50	6.71e-05	0.0	2.67e-05
251	34	0.02	0.02	-0.50	3.10e-06	0.0	2.61e-05
251	38	0.02	0.02	-0.50	4.26e-06	0.0	2.11e-05
251	42	0.02	0.01	-0.50	6.71e-05	0.0	2.67e-05
251	66	0.02	0.02	-0.50	3.10e-06	0.0	2.61e-05
251	70	0.02	0.02	-0.50	4.26e-06	0.0	2.11e-05
251	74	7.38e-03	4.19e-03	-0.49	6.66e-05	0.0	1.55e-05
251	75	7.38e-03	4.19e-03	-0.49	6.66e-05	0.0	1.55e-05
251	76	7.38e-03	4.19e-03	-0.49	6.66e-05	0.0	1.55e-05
252	1	9.41e-03	1.98e-03	-0.69	1.27e-04	0.0	2.17e-05
252	7	7.10e-03	1.40e-03	-0.52	9.17e-05	0.0	1.59e-05
252	10	0.02	9.53e-03	-0.50	6.49e-05	0.0	7.52e-06
252	34	0.02	0.02	-0.50	0.0	0.0	2.34e-05
252	38	0.02	0.02	-0.50	0.0	0.0	2.30e-05
252	42	0.02	9.53e-03	-0.50	6.49e-05	0.0	7.52e-06
252	66	0.02	0.02	-0.50	0.0	0.0	2.34e-05
252	70	0.02	0.02	-0.50	0.0	0.0	2.30e-05
252	74	6.55e-03	8.26e-04	-0.49	6.41e-05	0.0	1.26e-05
252	75	6.55e-03	8.26e-04	-0.49	6.41e-05	0.0	1.26e-05
252	76	6.55e-03	8.26e-04	-0.49	6.41e-05	0.0	1.26e-05
253	1	6.96e-03	-4.44e-03	-0.69	1.23e-04	0.0	1.76e-05
253	3	7.70e-03	-2.89e-03	-0.65	8.96e-05	0.0	1.98e-05
253	7	5.38e-03	-3.23e-03	-0.52	8.82e-05	0.0	1.30e-05
253	8	5.87e-03	-2.19e-03	-0.50	6.62e-05	0.0	1.44e-05
253	11	0.03	-0.01	-0.49	1.02e-04	0.0	-1.11e-05
253	34	0.02	0.02	-0.51	-4.56e-06	0.0	2.71e-05
253	39	5.28e-03	-0.03	-0.48	1.40e-04	0.0	-1.51e-05
253	43	0.03	-0.01	-0.49	1.02e-04	0.0	-1.11e-05
253	66	0.02	0.02	-0.51	-4.56e-06	0.0	2.71e-05
253	71	5.28e-03	-0.03	-0.48	1.40e-04	0.0	-1.51e-05
253	74	5.54e-03	-2.39e-03	-0.49	6.07e-05	0.0	1.04e-05
253	75	5.54e-03	-2.39e-03	-0.49	6.07e-05	0.0	1.04e-05
253	76	5.54e-03	-2.39e-03	-0.49	6.07e-05	0.0	1.04e-05
254	1	4.52e-03	-0.01	-0.69	1.19e-04	-3.28e-05	1.55e-05
254	3	6.59e-03	-7.38e-03	-0.65	8.61e-05	-8.20e-06	2.03e-05
254	7	3.66e-03	-7.68e-03	-0.52	8.55e-05	-2.23e-05	1.15e-05
254	8	5.04e-03	-5.51e-03	-0.50	6.35e-05	-5.86e-06	1.47e-05
254	11	0.03	-0.02	-0.49	9.98e-05	2.85e-05	-1.61e-05
254	34	0.02	0.02	-0.51	-7.69e-06	-1.11e-05	3.05e-05
254	39	4.32e-03	-0.03	-0.48	1.38e-04	1.23e-05	-2.15e-05
254	43	0.03	-0.02	-0.49	9.98e-05	2.85e-05	-1.61e-05
254	66	0.02	0.02	-0.51	-7.69e-06	-1.11e-05	3.05e-05
254	71	4.32e-03	-0.03	-0.48	1.38e-04	1.23e-05	-2.15e-05
254	74	4.55e-03	-5.43e-03	-0.49	5.81e-05	-9.14e-06	9.77e-06
254	75	4.55e-03	-5.43e-03	-0.49	5.81e-05	-9.14e-06	9.77e-06
254	76	4.55e-03	-5.43e-03	-0.49	5.81e-05	-9.14e-06	9.77e-06
255	1	0.02	0.03	-0.69	1.44e-04	0.0	3.80e-05
255	7	0.01	0.02	-0.52	1.04e-04	0.0	2.78e-05
255	10	0.02	0.02	-0.50	7.79e-05	0.0	2.62e-05
255	26	0.02	0.02	-0.50	1.14e-05	0.0	1.75e-05
255	34	0.01	0.02	-0.50	7.95e-06	0.0	1.54e-05
255	42	0.02	0.02	-0.50	7.79e-05	0.0	2.62e-05
255	58	0.02	0.02	-0.50	1.14e-05	0.0	1.75e-05
255	66	0.01	0.02	-0.50	7.95e-06	0.0	1.54e-05
255	74	8.90e-03	0.02	-0.49	7.55e-05	0.0	2.17e-05
255	75	8.90e-03	0.02	-0.49	7.55e-05	0.0	2.17e-05
255	76	8.90e-03	0.02	-0.49	7.55e-05	0.0	2.17e-05
256	1	0.02	0.04	-0.69	1.56e-04	-3.88e-05	4.04e-05
256	7	0.01	0.03	-0.52	1.13e-04	-2.67e-05	2.95e-05
256	10	0.02	0.03	-0.50	8.62e-05	1.46e-05	2.83e-05
256	18	0.02	0.03	-0.50	9.03e-05	1.44e-05	2.90e-05
256	34	0.01	0.02	-0.50	1.80e-05	-1.40e-05	1.31e-05
256	42	0.02	0.03	-0.50	8.62e-05	1.46e-05	2.83e-05
256	50	0.02	0.03	-0.50	9.03e-05	1.44e-05	2.90e-05
256	66	0.01	0.02	-0.50	1.80e-05	-1.40e-05	1.31e-05
256	74	9.18e-03	0.02	-0.49	8.37e-05	-1.29e-05	2.27e-05
256	75	9.18e-03	0.02	-0.49	8.37e-05	-1.29e-05	2.27e-05
256	76	9.18e-03	0.02	-0.49	8.37e-05	-1.29e-05	2.27e-05
257	1	0.02	0.02	-0.69	1.40e-04	0.0	3.40e-05
257	7	0.01	0.02	-0.52	1.02e-04	0.0	2.49e-05
257	10	0.02	0.02	-0.50	7.55e-05	0.0	2.50e-05
257	34	0.02	0.02	-0.50	5.26e-06	0.0	1.67e-05

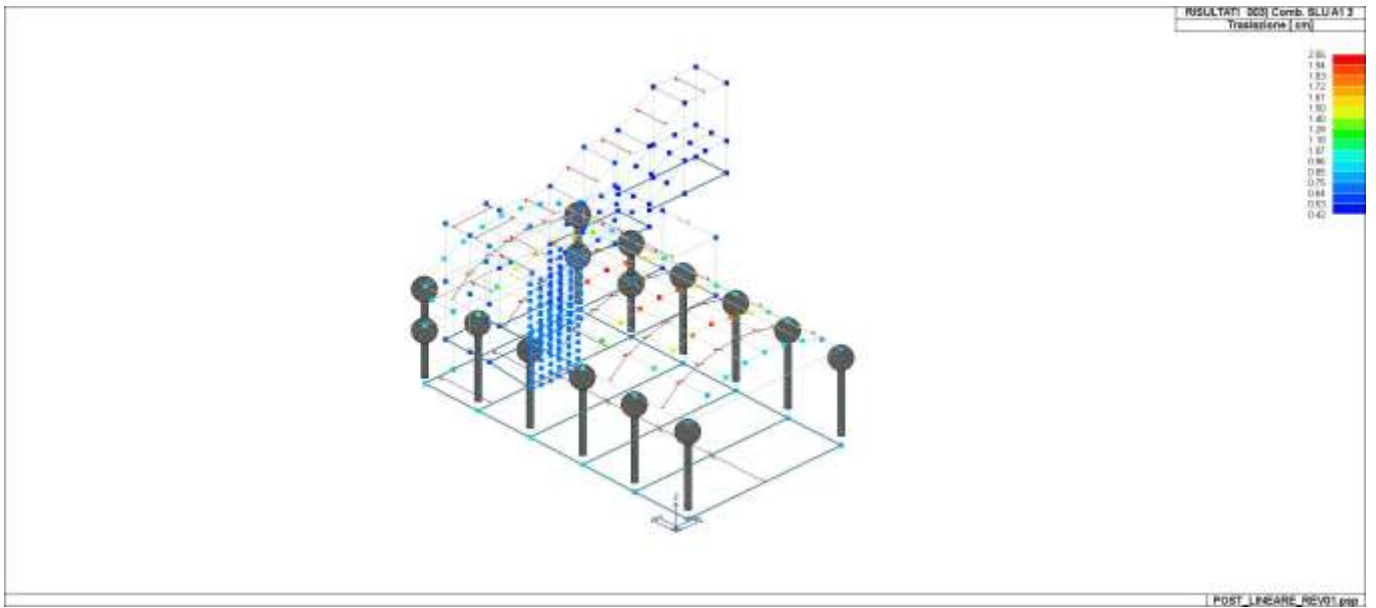
257	42	0.02	0.02	-0.50	7.55e-05	0.0	2.50e-05
257	66	0.02	0.02	-0.50	5.26e-06	0.0	1.67e-05
257	74	8.54e-03	0.01	-0.49	7.33e-05	0.0	1.95e-05
257	75	8.54e-03	0.01	-0.49	7.33e-05	0.0	1.95e-05
257	76	8.54e-03	0.01	-0.49	7.33e-05	0.0	1.95e-05
258	1	0.01	0.02	-0.69	1.39e-04	0.0	2.94e-05
258	7	0.01	0.01	-0.52	1.01e-04	0.0	2.15e-05
258	10	0.02	0.02	-0.50	7.43e-05	0.0	2.34e-05
258	34	0.02	0.02	-0.50	3.63e-06	0.0	2.12e-05
258	42	0.02	0.02	-0.50	7.43e-05	0.0	2.34e-05
258	66	0.02	0.02	-0.50	3.63e-06	0.0	2.12e-05
258	74	8.10e-03	9.03e-03	-0.49	7.21e-05	0.0	1.69e-05
258	75	8.10e-03	9.03e-03	-0.49	7.21e-05	0.0	1.69e-05
258	76	8.10e-03	9.03e-03	-0.49	7.21e-05	0.0	1.69e-05
259	1	0.01	0.01	-0.69	1.38e-04	0.0	2.43e-05
259	7	8.84e-03	7.63e-03	-0.52	9.99e-05	0.0	1.78e-05
259	10	0.02	0.01	-0.50	7.36e-05	0.0	2.35e-05
259	34	0.02	0.02	-0.50	2.13e-06	0.0	2.16e-05
259	38	0.02	0.02	-0.50	3.40e-06	0.0	2.20e-05
259	42	0.02	0.01	-0.50	7.36e-05	0.0	2.35e-05
259	66	0.02	0.02	-0.50	2.13e-06	0.0	2.16e-05
259	70	0.02	0.02	-0.50	3.40e-06	0.0	2.20e-05
259	74	7.57e-03	5.33e-03	-0.49	7.14e-05	0.0	1.39e-05
259	75	7.57e-03	5.33e-03	-0.49	7.14e-05	0.0	1.39e-05
259	76	7.57e-03	5.33e-03	-0.49	7.14e-05	0.0	1.39e-05
260	1	9.93e-03	3.51e-03	-0.69	1.35e-04	0.0	1.82e-05
260	7	7.49e-03	2.51e-03	-0.52	9.76e-05	0.0	1.33e-05
260	10	0.02	0.01	-0.50	7.15e-05	0.0	4.98e-06
260	34	0.02	0.02	-0.50	-1.66e-06	0.0	1.67e-05
260	38	0.02	0.02	-0.50	0.0	0.0	1.62e-05
260	42	0.02	0.01	-0.50	7.15e-05	0.0	4.98e-06
260	66	0.02	0.02	-0.50	-1.66e-06	0.0	1.67e-05
260	70	0.02	0.02	-0.50	0.0	0.0	1.62e-05
260	74	6.91e-03	1.69e-03	-0.49	6.89e-05	0.0	1.02e-05
260	75	6.91e-03	1.69e-03	-0.49	6.89e-05	0.0	1.02e-05
260	76	6.91e-03	1.69e-03	-0.49	6.89e-05	0.0	1.02e-05
261	1	7.65e-03	-3.25e-03	-0.69	1.26e-04	0.0	1.52e-05
261	3	8.29e-03	-1.53e-03	-0.65	8.92e-05	0.0	1.72e-05
261	7	5.90e-03	-2.36e-03	-0.52	9.06e-05	0.0	1.11e-05
261	8	6.32e-03	-1.21e-03	-0.50	6.60e-05	0.0	1.25e-05
261	11	0.03	-0.01	-0.49	1.11e-04	0.0	-9.03e-06
261	34	0.02	0.02	-0.50	-1.04e-05	0.0	1.84e-05
261	39	5.74e-03	-0.03	-0.48	1.51e-04	0.0	-8.87e-06
261	43	0.03	-0.01	-0.49	1.11e-04	0.0	-9.03e-06
261	66	0.02	0.02	-0.50	-1.04e-05	0.0	1.84e-05
261	71	5.74e-03	-0.03	-0.48	1.51e-04	0.0	-8.87e-06
261	74	6.00e-03	-1.70e-03	-0.49	6.20e-05	0.0	8.66e-06
261	75	6.00e-03	-1.70e-03	-0.49	6.20e-05	0.0	8.66e-06
261	76	6.00e-03	-1.70e-03	-0.49	6.20e-05	0.0	8.66e-06
262	1	3.60e-03	-9.47e-03	-0.69	1.17e-04	-6.28e-05	1.54e-05
262	3	5.69e-03	-5.85e-03	-0.65	8.00e-05	-3.60e-05	1.98e-05
262	7	2.96e-03	-6.81e-03	-0.52	8.35e-05	-4.50e-05	1.14e-05
262	8	4.35e-03	-4.40e-03	-0.50	5.89e-05	-2.72e-05	1.43e-05
262	11	0.03	-0.02	-0.49	1.04e-04	7.26e-06	-1.34e-05
262	34	0.02	0.02	-0.50	-1.82e-05	-3.36e-05	2.47e-05
262	39	3.63e-03	-0.03	-0.48	1.45e-04	-8.07e-06	-1.52e-05
262	43	0.03	-0.02	-0.49	1.04e-04	7.26e-06	-1.34e-05
262	66	0.02	0.02	-0.50	-1.82e-05	-3.36e-05	2.47e-05
262	71	3.63e-03	-0.03	-0.48	1.45e-04	-8.07e-06	-1.52e-05
262	74	3.86e-03	-4.69e-03	-0.49	5.50e-05	-3.05e-05	9.67e-06
262	75	3.86e-03	-4.69e-03	-0.49	5.50e-05	-3.05e-05	9.67e-06
262	76	3.86e-03	-4.69e-03	-0.49	5.50e-05	-3.05e-05	9.67e-06
263	1	0.02	0.04	-0.68	1.51e-04	-2.61e-05	3.52e-05
263	7	0.01	0.03	-0.52	1.10e-04	-1.72e-05	2.55e-05
263	10	0.02	0.02	-0.50	8.38e-05	2.37e-05	2.53e-05
263	34	0.02	0.02	-0.50	9.65e-06	-5.61e-06	1.54e-05
263	42	0.02	0.02	-0.50	8.38e-05	2.37e-05	2.53e-05
263	66	0.02	0.02	-0.50	9.65e-06	-5.61e-06	1.54e-05
263	74	8.92e-03	0.02	-0.49	7.98e-05	-4.67e-06	1.90e-05
263	75	8.92e-03	0.02	-0.49	7.98e-05	-4.67e-06	1.90e-05
263	76	8.92e-03	0.02	-0.49	7.98e-05	-4.67e-06	1.90e-05
264	1	0.02	0.03	-0.68	1.48e-04	-2.77e-05	2.52e-05
264	7	0.01	0.02	-0.52	1.07e-04	-1.85e-05	1.82e-05
264	10	0.02	0.02	-0.50	8.17e-05	2.25e-05	1.83e-05
264	34	0.02	0.02	-0.50	6.55e-06	-7.33e-06	1.03e-05
264	42	0.02	0.02	-0.50	8.17e-05	2.25e-05	1.83e-05
264	66	0.02	0.02	-0.50	6.55e-06	-7.33e-06	1.03e-05

264	74	8.56e-03	0.01	-0.49	7.75e-05	-6.00e-06	1.31e-05
264	75	8.56e-03	0.01	-0.49	7.75e-05	-6.00e-06	1.31e-05
264	76	8.56e-03	0.01	-0.49	7.75e-05	-6.00e-06	1.31e-05
265	1	0.01	0.02	-0.68	1.46e-04	-2.99e-05	1.65e-05
265	7	0.01	0.01	-0.52	1.05e-04	-2.02e-05	1.18e-05
265	10	0.02	0.02	-0.50	8.00e-05	2.10e-05	1.40e-05
265	34	0.02	0.02	-0.50	4.26e-06	-9.14e-06	6.18e-06
265	42	0.02	0.02	-0.50	8.00e-05	2.10e-05	1.40e-05
265	66	0.02	0.02	-0.50	4.26e-06	-9.14e-06	6.18e-06
265	74	8.13e-03	0.01	-0.49	7.58e-05	-7.60e-06	8.15e-06
265	75	8.13e-03	0.01	-0.49	7.58e-05	-7.60e-06	8.15e-06
265	76	8.13e-03	0.01	-0.49	7.58e-05	-7.60e-06	8.15e-06
266	1	0.01	0.01	-0.68	1.44e-04	-3.29e-05	1.05e-05
266	7	8.93e-03	8.73e-03	-0.52	1.04e-04	-2.24e-05	7.53e-06
266	10	0.02	0.01	-0.50	7.86e-05	1.88e-05	1.33e-05
266	34	0.02	0.02	-0.50	2.07e-06	-1.14e-05	2.60e-06
266	38	0.02	0.02	-0.50	3.42e-06	-1.15e-05	3.10e-06
266	42	0.02	0.01	-0.50	7.86e-05	1.88e-05	1.33e-05
266	66	0.02	0.02	-0.50	2.07e-06	-1.14e-05	2.60e-06
266	70	0.02	0.02	-0.50	3.42e-06	-1.15e-05	3.10e-06
266	74	7.65e-03	6.18e-03	-0.49	7.44e-05	-9.73e-06	5.12e-06
266	75	7.65e-03	6.18e-03	-0.49	7.44e-05	-9.73e-06	5.12e-06
266	76	7.65e-03	6.18e-03	-0.49	7.44e-05	-9.73e-06	5.12e-06
267	1	0.01	4.70e-03	-0.68	1.41e-04	-4.09e-05	9.23e-06
267	7	7.74e-03	3.38e-03	-0.52	1.02e-04	-2.85e-05	6.73e-06
267	10	0.03	0.01	-0.50	7.64e-05	1.29e-05	1.67e-05
267	34	0.02	0.02	-0.50	0.0	-1.71e-05	1.36e-06
267	40	7.45e-03	0.02	-0.50	-1.86e-05	-3.73e-05	1.98e-06
267	42	0.03	0.01	-0.50	7.64e-05	1.29e-05	1.67e-05
267	66	0.02	0.02	-0.50	0.0	-1.71e-05	1.36e-06
267	72	7.45e-03	0.02	-0.50	-1.86e-05	-3.73e-05	1.98e-06
267	74	7.13e-03	2.36e-03	-0.49	7.22e-05	-1.54e-05	5.17e-06
267	75	7.13e-03	2.36e-03	-0.49	7.22e-05	-1.54e-05	5.17e-06
267	76	7.13e-03	2.36e-03	-0.49	7.22e-05	-1.54e-05	5.17e-06
268	1	8.61e-03	-2.57e-03	-0.68	1.28e-04	-7.53e-05	2.04e-05
268	3	9.10e-03	-6.76e-04	-0.65	8.91e-05	-4.81e-05	2.29e-05
268	7	6.61e-03	-1.87e-03	-0.52	9.20e-05	-5.45e-05	1.52e-05
268	8	6.94e-03	-6.08e-04	-0.49	6.60e-05	-3.64e-05	1.69e-05
268	11	0.03	-0.01	-0.49	1.15e-04	0.0	-1.65e-06
268	34	0.02	0.02	-0.50	-1.16e-05	-4.16e-05	1.55e-06
268	39	6.37e-03	-0.03	-0.48	1.55e-04	-1.74e-05	1.75e-05
268	43	0.03	-0.01	-0.49	1.15e-04	0.0	-1.65e-06
268	66	0.02	0.02	-0.50	-1.16e-05	-4.16e-05	1.55e-06
268	71	6.37e-03	-0.03	-0.48	1.55e-04	-1.74e-05	1.75e-05
268	74	6.64e-03	-1.38e-03	-0.49	6.28e-05	-3.95e-05	1.31e-05
268	75	6.64e-03	-1.38e-03	-0.49	6.28e-05	-3.95e-05	1.31e-05
268	76	6.64e-03	-1.38e-03	-0.49	6.28e-05	-3.95e-05	1.31e-05
269	1	7.63e-03	0.04	-0.65	1.59e-04	4.33e-05	4.06e-05
269	7	5.39e-03	0.03	-0.49	1.15e-04	3.58e-05	2.96e-05
269	10	9.23e-03	0.03	-0.48	8.89e-05	7.23e-05	2.98e-05
269	18	9.14e-03	0.03	-0.48	9.33e-05	7.24e-05	2.98e-05
269	34	8.09e-03	0.03	-0.50	1.44e-05	6.58e-05	1.89e-05
269	42	9.23e-03	0.03	-0.48	8.89e-05	7.23e-05	2.98e-05
269	50	9.14e-03	0.03	-0.48	9.33e-05	7.24e-05	2.98e-05
269	66	8.09e-03	0.03	-0.50	1.44e-05	6.58e-05	1.89e-05
269	74	3.30e-03	0.02	-0.47	8.49e-05	4.67e-05	2.28e-05
269	75	3.30e-03	0.02	-0.47	8.49e-05	4.67e-05	2.28e-05
269	76	3.30e-03	0.02	-0.47	8.49e-05	4.67e-05	2.28e-05
270	1	0.01	0.04	-0.67	0.0	-7.97e-06	3.02e-05
270	7	0.01	0.03	-0.51	0.0	-3.77e-06	2.18e-05
270	10	0.02	0.02	-0.49	0.0	3.63e-05	2.34e-05
270	34	0.01	0.02	-0.50	0.0	5.91e-06	1.36e-05
270	42	0.02	0.02	-0.49	0.0	3.63e-05	2.34e-05
270	66	0.01	0.02	-0.50	0.0	5.91e-06	1.36e-05
270	74	7.60e-03	0.02	-0.48	0.0	6.71e-06	1.53e-05
270	75	7.60e-03	0.02	-0.48	0.0	6.71e-06	1.53e-05
270	76	7.60e-03	0.02	-0.48	0.0	6.71e-06	1.53e-05
271	1	0.01	0.04	-0.67	1.55e-04	-7.54e-06	4.55e-05
271	7	0.01	0.03	-0.51	1.13e-04	-2.99e-06	3.31e-05
271	10	0.01	0.03	-0.49	8.68e-05	3.62e-05	3.62e-05
271	18	0.01	0.03	-0.49	9.13e-05	3.59e-05	3.59e-05
271	34	0.01	0.03	-0.50	1.10e-05	1.02e-05	3.12e-05
271	42	0.01	0.03	-0.49	8.68e-05	3.62e-05	3.62e-05
271	50	0.01	0.03	-0.49	9.13e-05	3.59e-05	3.59e-05
271	66	0.01	0.03	-0.50	1.10e-05	1.02e-05	3.12e-05
271	74	7.20e-03	0.02	-0.48	8.23e-05	9.37e-06	2.52e-05
271	75	7.20e-03	0.02	-0.48	8.23e-05	9.37e-06	2.52e-05

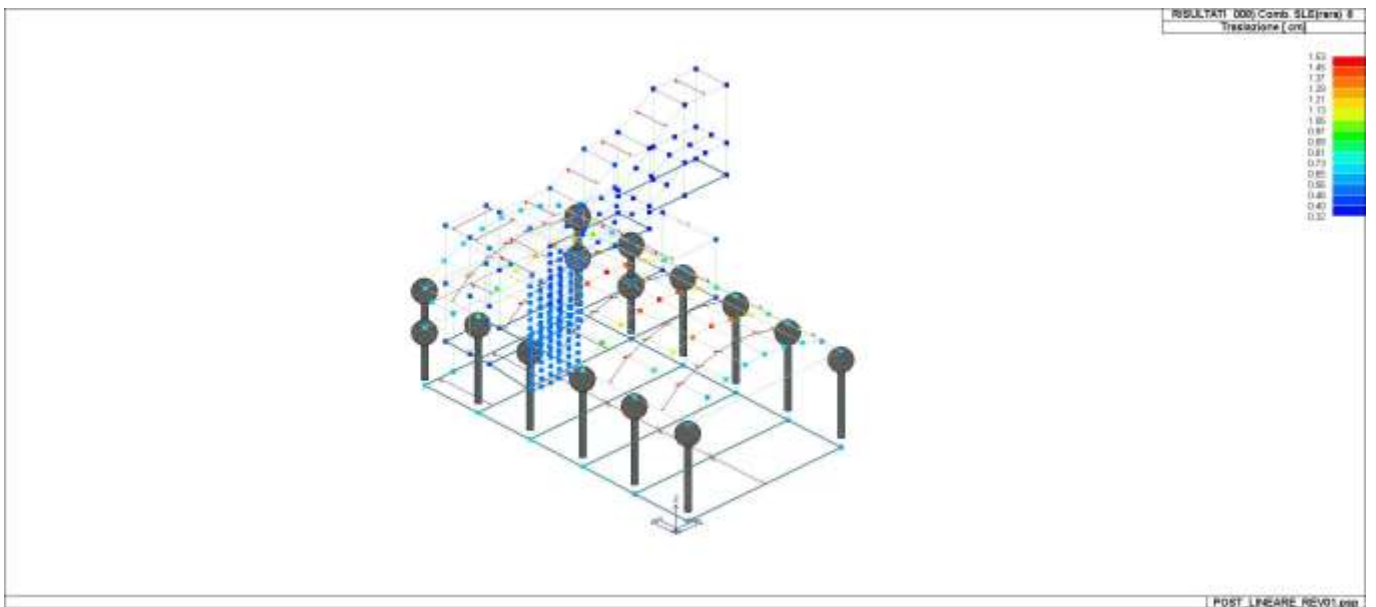
271	76	7.20e-03	0.02	-0.48	8.23e-05	9.37e-06	2.52e-05
272	1	0.01	0.03	-0.67	0.0	-1.15e-05	1.62e-05
272	7	0.01	0.02	-0.51	0.0	-6.59e-06	1.14e-05
272	10	0.02	0.02	-0.49	0.0	3.48e-05	1.34e-05
272	34	0.01	0.02	-0.50	0.0	1.30e-06	3.94e-06
272	42	0.02	0.02	-0.49	0.0	3.48e-05	1.34e-05
272	66	0.01	0.02	-0.50	0.0	1.30e-06	3.94e-06
272	74	7.86e-03	0.01	-0.48	0.0	3.52e-06	6.68e-06
272	75	7.86e-03	0.01	-0.48	0.0	3.52e-06	6.68e-06
272	76	7.86e-03	0.01	-0.48	0.0	3.52e-06	6.68e-06
273	1	0.01	0.02	-0.67	0.0	-1.79e-05	5.07e-06
273	7	9.64e-03	0.01	-0.51	0.0	-1.15e-05	3.25e-06
273	10	0.02	0.02	-0.49	0.0	3.05e-05	5.34e-06
273	34	0.02	0.02	-0.50	0.0	-4.45e-06	-2.70e-06
273	42	0.02	0.02	-0.49	0.0	3.05e-05	5.34e-06
273	66	0.02	0.02	-0.50	0.0	-4.45e-06	-2.70e-06
273	74	7.93e-03	0.01	-0.48	0.0	-1.25e-06	0.0
273	75	7.93e-03	0.01	-0.48	0.0	-1.25e-06	0.0
273	76	7.93e-03	0.01	-0.48	0.0	-1.25e-06	0.0
274	1	0.01	0.01	-0.67	0.0	-2.91e-05	0.0
274	7	8.87e-03	8.69e-03	-0.51	0.0	-1.99e-05	0.0
274	10	0.02	0.01	-0.49	0.0	2.24e-05	2.58e-06
274	34	0.02	0.02	-0.50	0.0	-1.26e-05	-5.34e-06
274	38	0.02	0.02	-0.50	0.0	-1.26e-05	-4.83e-06
274	42	0.02	0.01	-0.49	0.0	2.24e-05	2.58e-06
274	66	0.02	0.02	-0.50	0.0	-1.26e-05	-5.34e-06
274	70	0.02	0.02	-0.50	0.0	-1.26e-05	-4.83e-06
274	74	7.71e-03	6.14e-03	-0.48	0.0	-8.99e-06	-1.59e-06
274	75	7.71e-03	6.14e-03	-0.48	0.0	-8.99e-06	-1.59e-06
274	76	7.71e-03	6.14e-03	-0.48	0.0	-8.99e-06	-1.59e-06
275	1	9.98e-03	4.70e-03	-0.67	0.0	-5.04e-05	4.34e-06
275	7	7.54e-03	3.38e-03	-0.51	0.0	-3.60e-05	3.26e-06
275	10	0.03	0.01	-0.49	0.0	6.15e-06	8.30e-06
275	34	0.02	0.02	-0.50	0.0	-2.69e-05	-1.62e-06
275	40	7.58e-03	0.02	-0.50	0.0	-4.88e-05	0.0
275	42	0.03	0.01	-0.49	0.0	6.15e-06	8.30e-06
275	66	0.02	0.02	-0.50	0.0	-2.69e-05	-1.62e-06
275	72	7.58e-03	0.02	-0.50	0.0	-4.88e-05	0.0
275	74	6.96e-03	2.37e-03	-0.48	0.0	-2.35e-05	2.91e-06
275	75	6.96e-03	2.37e-03	-0.48	0.0	-2.35e-05	2.91e-06
275	76	6.96e-03	2.37e-03	-0.48	0.0	-2.35e-05	2.91e-06
276	1	6.60e-03	-2.31e-03	-0.67	0.0	-8.76e-05	1.34e-05
276	5	6.79e-03	-1.56e-03	-0.63	0.0	-6.44e-05	1.28e-05
276	7	5.09e-03	-1.67e-03	-0.51	0.0	-6.39e-05	1.02e-05
276	9	5.22e-03	-1.17e-03	-0.48	0.0	-4.84e-05	9.82e-06
276	11	0.03	-0.01	-0.49	0.0	-2.96e-06	2.96e-06
276	34	0.02	0.02	-0.50	0.0	-5.14e-05	-2.38e-06
276	39	4.60e-03	-0.03	-0.47	0.0	-2.57e-05	1.45e-05
276	43	0.03	-0.01	-0.49	0.0	-9.45e-06	2.96e-06
276	66	0.02	0.02	-0.50	0.0	-5.14e-05	-2.38e-06
276	71	4.60e-03	-0.03	-0.47	0.0	-2.57e-05	1.45e-05
276	74	5.22e-03	-1.17e-03	-0.48	0.0	-4.84e-05	9.82e-06
276	75	5.22e-03	-1.17e-03	-0.48	0.0	-4.84e-05	9.82e-06
276	76	5.22e-03	-1.17e-03	-0.48	0.0	-4.84e-05	9.82e-06
277	1	1.03e-03	-8.65e-03	-0.67	1.28e-04	-1.31e-04	2.48e-05
277	3	2.75e-03	-4.72e-03	-0.64	8.88e-05	-9.62e-05	2.95e-05
277	7	1.01e-03	-6.21e-03	-0.51	9.22e-05	-9.66e-05	1.88e-05
277	8	2.16e-03	-3.59e-03	-0.49	6.58e-05	-7.32e-05	2.19e-05
277	11	0.02	-0.02	-0.49	1.17e-04	-3.30e-05	0.0
277	34	0.01	0.02	-0.50	-1.12e-05	-8.02e-05	3.95e-06
277	39	1.39e-03	-0.03	-0.47	1.56e-04	-5.17e-05	2.28e-05
277	43	0.02	-0.02	-0.49	1.17e-04	-3.30e-05	0.0
277	66	0.01	0.02	-0.50	-1.12e-05	-8.02e-05	3.95e-06
277	71	1.39e-03	-0.03	-0.47	1.56e-04	-5.17e-05	2.28e-05
277	74	2.03e-03	-4.21e-03	-0.48	6.26e-05	-7.71e-05	1.74e-05
277	75	2.03e-03	-4.21e-03	-0.48	6.26e-05	-7.71e-05	1.74e-05
277	76	2.03e-03	-4.21e-03	-0.48	6.26e-05	-7.71e-05	1.74e-05
278	1	0.01	0.03	-0.66	0.0	1.52e-05	2.84e-05
278	7	8.69e-03	0.03	-0.50	0.0	1.35e-05	2.04e-05
278	10	0.01	0.02	-0.49	0.0	5.24e-05	2.20e-05
278	34	0.01	0.02	-0.50	0.0	2.12e-05	1.21e-05
278	42	0.01	0.02	-0.49	0.0	5.24e-05	2.20e-05
278	66	0.01	0.02	-0.50	0.0	2.12e-05	1.21e-05
278	74	6.45e-03	0.02	-0.48	0.0	2.14e-05	1.41e-05
278	75	6.45e-03	0.02	-0.48	0.0	2.14e-05	1.41e-05
278	76	6.45e-03	0.02	-0.48	0.0	2.14e-05	1.41e-05
279	1	0.01	0.04	-0.66	1.56e-04	1.80e-05	4.43e-05

279	7	7.88e-03	0.03	-0.50	1.13e-04	1.64e-05	3.23e-05
279	10	0.01	0.03	-0.49	8.74e-05	5.29e-05	3.58e-05
279	18	0.01	0.03	-0.49	9.18e-05	5.27e-05	3.55e-05
279	34	0.01	0.03	-0.50	1.19e-05	4.44e-05	3.07e-05
279	42	0.01	0.03	-0.49	8.74e-05	5.29e-05	3.58e-05
279	50	0.01	0.03	-0.49	9.18e-05	5.27e-05	3.55e-05
279	66	0.01	0.03	-0.50	1.19e-05	4.44e-05	3.07e-05
279	74	5.20e-03	0.02	-0.48	8.30e-05	2.78e-05	2.46e-05
279	75	5.20e-03	0.02	-0.48	8.30e-05	2.78e-05	2.46e-05
279	76	5.20e-03	0.02	-0.48	8.30e-05	2.78e-05	2.46e-05
280	1	0.01	0.03	-0.66	0.0	8.15e-06	1.44e-05
280	7	9.27e-03	0.02	-0.50	0.0	7.86e-06	9.99e-06
280	10	0.02	0.02	-0.49	0.0	4.95e-05	1.22e-05
280	34	0.01	0.02	-0.50	0.0	1.21e-05	2.33e-06
280	42	0.02	0.02	-0.49	0.0	4.95e-05	1.22e-05
280	66	0.01	0.02	-0.50	0.0	1.21e-05	2.33e-06
280	74	7.42e-03	0.01	-0.48	0.0	1.50e-05	5.41e-06
280	75	7.42e-03	0.01	-0.48	0.0	1.50e-05	5.41e-06
280	76	7.42e-03	0.01	-0.48	0.0	1.50e-05	5.41e-06
281	1	0.01	0.02	-0.66	0.0	-4.71e-06	3.57e-06
281	7	9.47e-03	0.01	-0.50	0.0	-1.98e-06	2.13e-06
281	10	0.02	0.02	-0.49	0.0	4.12e-05	4.52e-06
281	34	0.02	0.02	-0.50	0.0	0.0	-4.29e-06
281	42	0.02	0.02	-0.49	0.0	4.12e-05	4.52e-06
281	66	0.02	0.02	-0.50	0.0	0.0	-4.29e-06
281	74	7.98e-03	0.01	-0.48	0.0	5.44e-06	0.0
281	75	7.98e-03	0.01	-0.48	0.0	5.44e-06	0.0
281	76	7.98e-03	0.01	-0.48	0.0	5.44e-06	0.0
282	1	0.01	0.01	-0.66	0.0	-2.66e-05	-2.43e-06
282	7	9.01e-03	8.76e-03	-0.50	0.0	-1.85e-05	-2.10e-06
282	10	0.02	0.01	-0.49	0.0	2.54e-05	1.04e-06
282	34	0.02	0.02	-0.50	0.0	-1.55e-05	-7.52e-06
282	38	0.02	0.02	-0.50	0.0	-1.54e-05	-7.07e-06
282	42	0.02	0.01	-0.49	0.0	2.54e-05	1.04e-06
282	66	0.02	0.02	-0.50	0.0	-1.55e-05	-7.52e-06
282	70	0.02	0.02	-0.50	0.0	-1.54e-05	-7.07e-06
282	74	7.93e-03	6.21e-03	-0.48	0.0	-9.63e-06	-3.15e-06
282	75	7.93e-03	6.21e-03	-0.48	0.0	-9.63e-06	-3.15e-06
282	76	7.93e-03	6.21e-03	-0.48	0.0	-9.63e-06	-3.15e-06
283	1	9.89e-03	4.90e-03	-0.66	0.0	-6.22e-05	-1.56e-06
283	7	7.46e-03	3.54e-03	-0.50	0.0	-4.52e-05	-1.20e-06
283	10	0.03	0.01	-0.49	0.0	0.0	3.74e-06
283	34	0.02	0.02	-0.50	0.0	-3.94e-05	-6.16e-06
283	40	7.85e-03	0.02	-0.50	0.0	-6.43e-05	-5.46e-06
283	42	0.03	0.01	-0.49	0.0	0.0	3.74e-06
283	66	0.02	0.02	-0.50	0.0	-3.94e-05	-6.16e-06
283	72	7.85e-03	0.02	-0.50	0.0	-6.43e-05	-5.46e-06
283	74	6.90e-03	2.52e-03	-0.48	0.0	-3.33e-05	-1.27e-06
283	75	6.90e-03	2.52e-03	-0.48	0.0	-3.33e-05	-1.27e-06
283	76	6.90e-03	2.52e-03	-0.48	0.0	-3.33e-05	-1.27e-06
284	1	5.46e-03	-2.08e-03	-0.66	0.0	-1.13e-04	1.01e-05
284	5	5.70e-03	-1.33e-03	-0.62	0.0	-8.79e-05	9.67e-06
284	7	4.22e-03	-1.50e-03	-0.50	0.0	-8.32e-05	7.71e-06
284	9	4.38e-03	-9.93e-04	-0.48	0.0	-6.64e-05	7.43e-06
284	11	0.03	-0.01	-0.48	0.0	-2.29e-05	2.04e-05
284	34	0.02	0.02	-0.50	0.0	-7.27e-05	2.27e-06
284	39	3.37e-03	-0.03	-0.46	0.0	-3.87e-05	1.18e-05
284	43	0.03	-0.01	-0.48	0.0	-2.29e-05	2.04e-05
284	66	0.02	0.02	-0.50	0.0	-7.27e-05	2.27e-06
284	71	3.37e-03	-0.03	-0.46	0.0	-3.87e-05	1.18e-05
284	74	4.38e-03	-9.93e-04	-0.48	0.0	-6.64e-05	7.43e-06
284	75	4.38e-03	-9.93e-04	-0.48	0.0	-6.64e-05	7.43e-06
284	76	4.38e-03	-9.93e-04	-0.48	0.0	-6.64e-05	7.43e-06
285	1	-1.68e-03	-8.89e-03	-0.66	1.40e-04	-1.57e-04	3.64e-05
285	7	-1.04e-03	-6.39e-03	-0.50	1.01e-04	-1.16e-04	2.75e-05
285	11	0.02	-0.02	-0.48	1.25e-04	-6.46e-05	3.88e-05
285	34	0.01	0.02	-0.50	-4.66e-06	-9.76e-05	2.01e-05
285	39	-9.46e-04	-0.03	-0.46	1.66e-04	-7.50e-05	3.72e-05
285	43	0.02	-0.02	-0.48	1.25e-04	-6.46e-05	3.88e-05
285	66	0.01	0.02	-0.50	-4.66e-06	-9.76e-05	2.01e-05
285	71	-9.46e-04	-0.03	-0.46	1.66e-04	-7.50e-05	3.72e-05
285	74	1.29e-04	-4.37e-03	-0.48	7.09e-05	-9.34e-05	2.52e-05
285	75	1.29e-04	-4.37e-03	-0.48	7.09e-05	-9.34e-05	2.52e-05
285	76	1.29e-04	-4.37e-03	-0.48	7.09e-05	-9.34e-05	2.52e-05
286	1	9.79e-03	0.03	-0.65	1.52e-04	3.68e-05	2.65e-05
286	7	7.13e-03	0.03	-0.49	1.10e-04	2.96e-05	1.89e-05
286	10	0.01	0.02	-0.48	8.42e-05	6.71e-05	2.06e-05

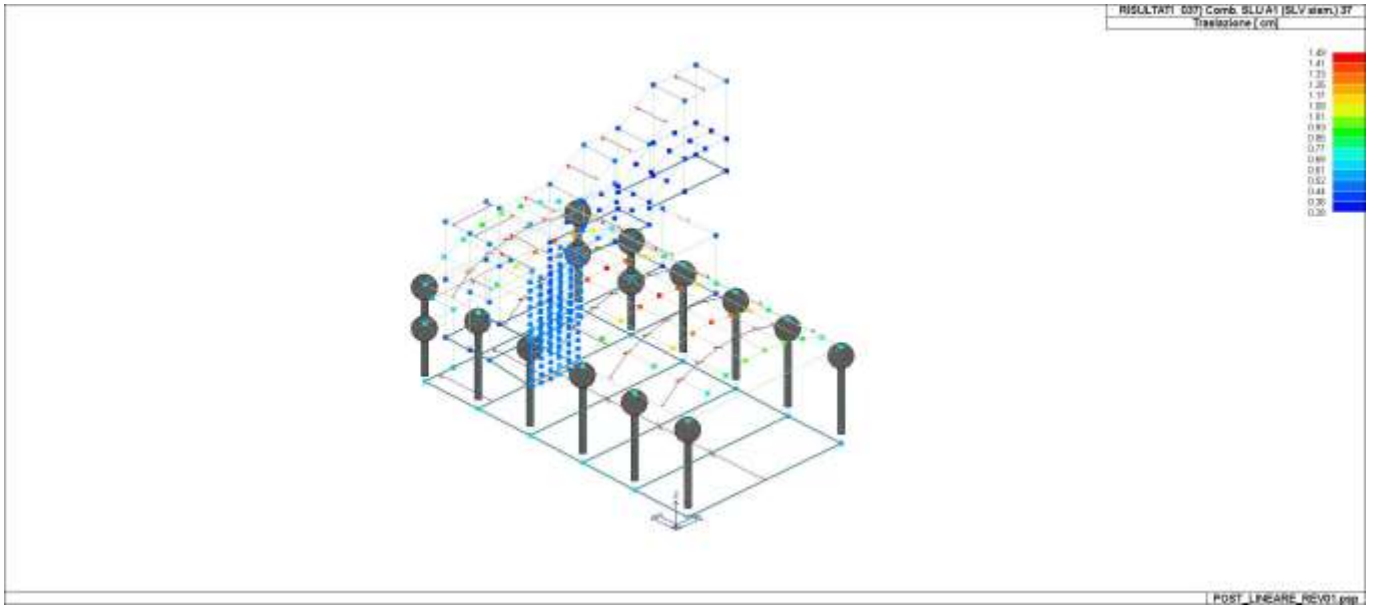
286	34	0.01	0.02	-0.50	9.18e-06	3.47e-05	8.70e-06
286	42	0.01	0.02	-0.48	8.42e-05	6.71e-05	2.06e-05
286	66	0.01	0.02	-0.50	9.18e-06	3.47e-05	8.70e-06
286	74	5.41e-03	0.02	-0.47	7.99e-05	3.53e-05	1.26e-05
286	75	5.41e-03	0.02	-0.47	7.99e-05	3.53e-05	1.26e-05
286	76	5.41e-03	0.02	-0.47	7.99e-05	3.53e-05	1.26e-05
287	1	0.01	0.03	-0.65	1.48e-04	2.65e-05	1.30e-05
287	7	8.52e-03	0.02	-0.49	1.07e-04	2.13e-05	8.91e-06
287	10	0.02	0.02	-0.48	8.20e-05	6.28e-05	1.11e-05
287	34	0.01	0.02	-0.50	6.45e-06	2.18e-05	0.0
287	42	0.02	0.02	-0.48	8.20e-05	6.28e-05	1.11e-05
287	66	0.01	0.02	-0.50	6.45e-06	2.18e-05	0.0
287	74	7.03e-03	0.01	-0.47	7.75e-05	2.57e-05	4.33e-06
287	75	7.03e-03	0.01	-0.47	7.75e-05	2.57e-05	4.33e-06
287	76	7.03e-03	0.01	-0.47	7.75e-05	2.57e-05	4.33e-06
288	1	0.01	0.02	-0.65	1.46e-04	8.87e-06	1.50e-06
288	7	9.36e-03	0.01	-0.49	1.06e-04	7.83e-06	0.0
288	10	0.02	0.02	-0.48	8.03e-05	5.17e-05	2.91e-06
288	34	0.02	0.02	-0.50	4.22e-06	6.15e-06	-6.30e-06
288	42	0.02	0.02	-0.48	8.03e-05	5.17e-05	2.91e-06
288	66	0.02	0.02	-0.50	4.22e-06	6.15e-06	-6.30e-06
288	74	8.08e-03	0.01	-0.47	7.57e-05	1.25e-05	-2.09e-06
288	75	8.08e-03	0.01	-0.47	7.57e-05	1.25e-05	-2.09e-06
288	76	8.08e-03	0.01	-0.47	7.57e-05	1.25e-05	-2.09e-06
289	1	0.01	0.01	-0.65	1.42e-04	-2.01e-05	-6.70e-06
289	7	9.30e-03	8.84e-03	-0.49	1.03e-04	-1.40e-05	-5.35e-06
289	10	0.02	0.01	-0.49	7.77e-05	3.11e-05	-2.19e-06
289	34	0.02	0.02	-0.50	1.08e-06	-1.48e-05	-1.10e-05
289	38	0.02	0.02	-0.50	2.43e-06	-1.06e-05	-1.06e-05
289	42	0.02	0.01	-0.49	7.77e-05	3.11e-05	-2.19e-06
289	66	0.02	0.02	-0.50	1.08e-06	-1.48e-05	-1.10e-05
289	70	0.02	0.02	-0.50	2.43e-06	-1.46e-05	-1.06e-05
289	74	8.30e-03	6.29e-03	-0.47	7.32e-05	-7.24e-06	-6.23e-06
289	75	8.30e-03	6.29e-03	-0.47	7.32e-05	-7.24e-06	-6.23e-06
289	76	8.30e-03	6.29e-03	-0.47	7.32e-05	-7.24e-06	-6.23e-06
290	1	0.01	5.02e-03	-0.65	1.38e-04	-6.62e-05	-9.85e-06
290	7	7.83e-03	3.63e-03	-0.49	9.99e-05	-4.84e-05	-7.49e-06
290	10	0.03	0.01	-0.49	7.48e-05	-2.80e-06	-2.47e-06
290	34	0.02	0.02	-0.50	-2.08e-06	-4.49e-05	-1.28e-05
290	40	8.55e-03	0.02	-0.50	-2.02e-05	-7.19e-05	-1.79e-05
290	42	0.03	0.01	-0.49	7.48e-05	-2.47e-06	-7.49e-06
290	66	0.02	0.02	-0.50	-2.08e-06	-4.49e-05	-1.28e-05
290	72	8.55e-03	0.02	-0.50	-2.02e-05	-7.19e-05	-1.79e-05
290	74	7.26e-03	2.60e-03	-0.47	7.02e-05	-3.75e-05	-7.17e-06
290	75	7.26e-03	2.60e-03	-0.47	7.02e-05	-3.75e-05	-7.17e-06
290	76	7.26e-03	2.60e-03	-0.47	7.02e-05	-3.75e-05	-7.17e-06
291	1	5.34e-03	-2.01e-03	-0.65	1.35e-04	-1.41e-04	-2.63e-06
291	5	5.57e-03	-1.26e-03	-0.62	9.07e-05	-1.13e-04	-2.20e-06
291	7	4.13e-03	-1.44e-03	-0.49	9.73e-05	-1.04e-04	-1.94e-06
291	9	4.28e-03	-9.39e-04	-0.47	6.77e-05	-8.57e-05	-1.66e-06
291	11	0.03	-0.01	-0.47	1.21e-04	-4.35e-05	9.97e-06
291	34	0.02	0.02	-0.50	-8.49e-06	-9.17e-05	-8.82e-06
291	39	2.89e-03	-0.03	-0.44	1.63e-04	-5.90e-05	4.78e-06
291	43	0.03	-0.01	-0.47	1.21e-04	-4.35e-05	9.97e-06
291	66	0.02	0.02	-0.50	-8.49e-06	-9.17e-05	-8.82e-06
291	71	2.89e-03	-0.03	-0.44	1.63e-04	-5.90e-05	4.78e-06
291	74	4.28e-03	-9.39e-04	-0.47	6.77e-05	-8.57e-05	-1.66e-06
291	75	4.28e-03	-9.39e-04	-0.47	6.77e-05	-8.57e-05	-1.66e-06
291	76	4.28e-03	-9.39e-04	-0.47	6.77e-05	-8.57e-05	-1.66e-06
Nodo		Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
		-0.64	-0.70	-2.04	-5.91e-03	-2.31e-03	-2.23e-03
		0.54	0.65	-0.27	5.71e-03	2.25e-03	2.32e-03



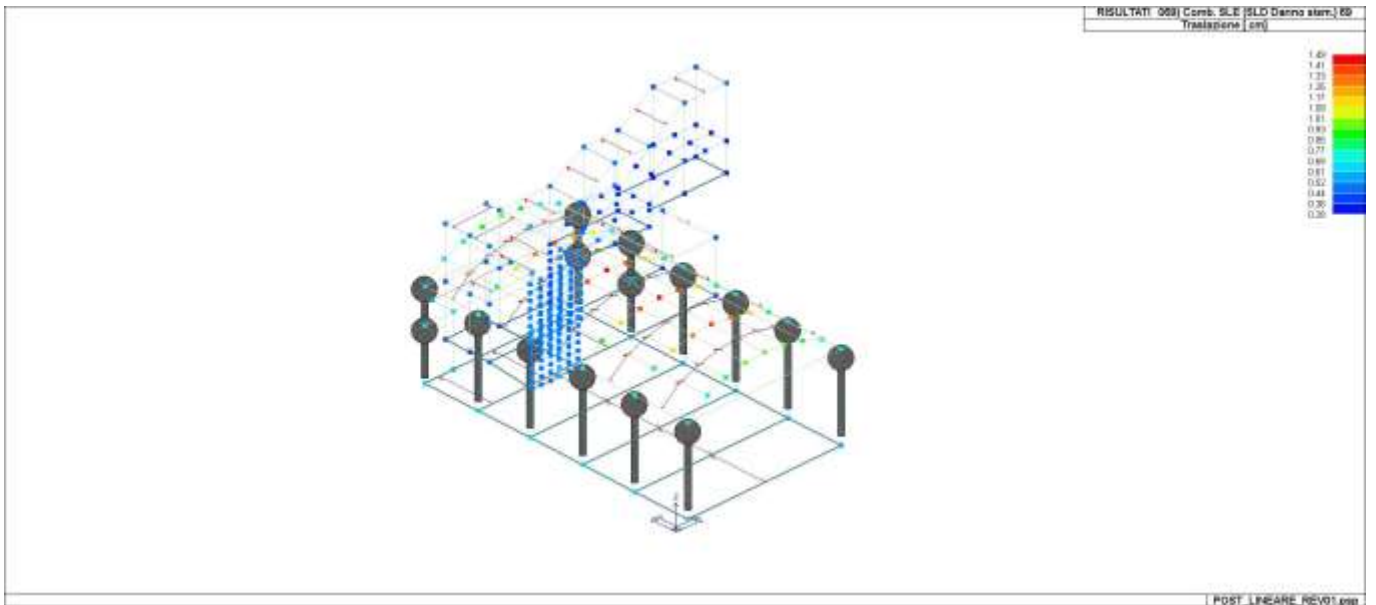
41_RIS_SPOSTAMENTI_003_Comb. SLU A1 3



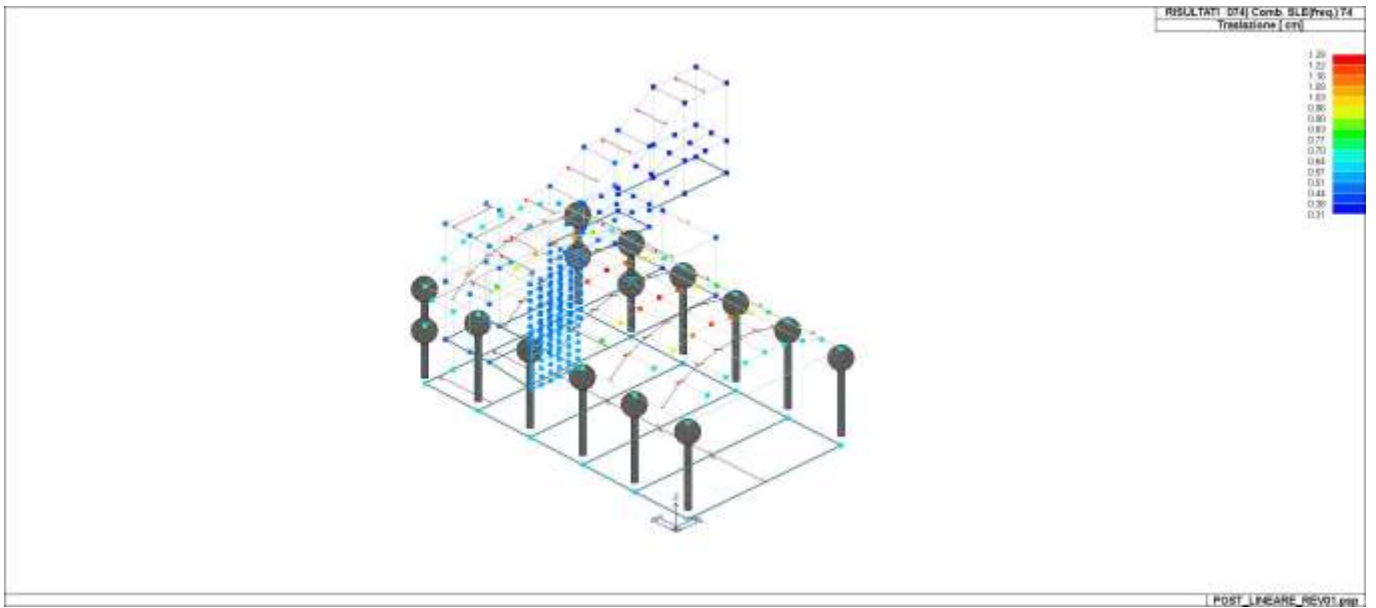
41_RIS_SPOSTAMENTI_008_Comb. SLE(rara) 8



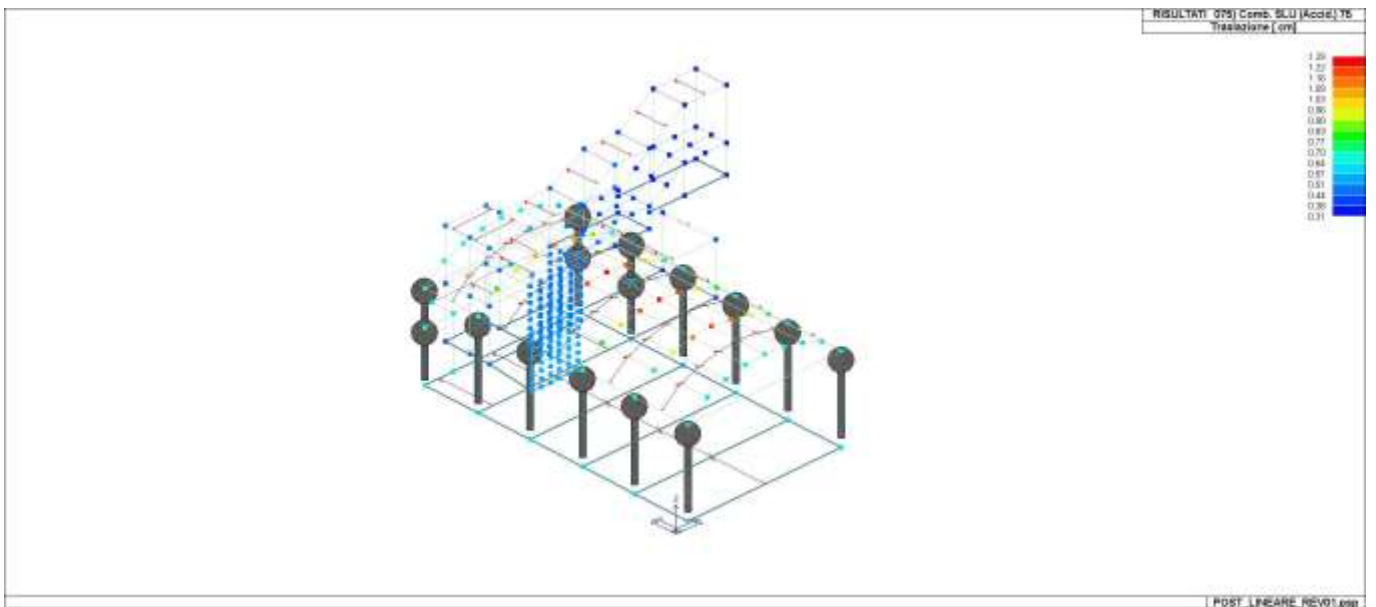
41_RIS_SPOSTAMENTI_037_Comb. SLU A1 (SLV sism.) 37



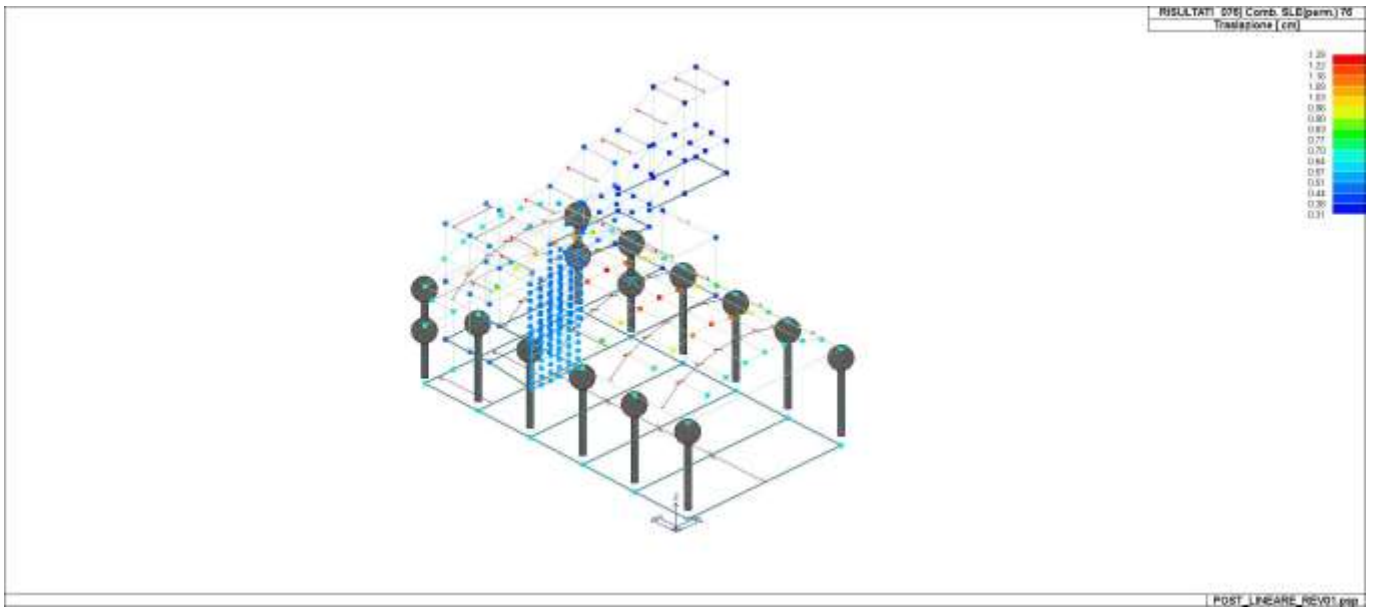
41_RIS_SPOSTAMENTI_069_Comb. SLE (SLD Danno sism.) 69



41_RIS_SPOSTAMENTI_074_Comb. SLE(freq.) 74



41_RIS_SPOSTAMENTI_075_Comb. SLU (Accid.) 75



41_RIS_SPOSTAMENTI_076_Comb. SLE(perm.) 76

Nodo	Cmb	Azione X daN	Azione Y daN	Azione Z daN	Azione RX daN cm	Azione RY daN cm	Azione RZ daN cm
Nodo		Azione X	Azione Y	Azione Z	Azione RX	Azione RY	Azione RZ
Nodo	Cmb	Azione X daN	Azione Y daN	Azione Z daN	Azione RX daN cm	Azione RY daN cm	Azione RZ daN cm

RISULTATI OPERE DI FONDAZIONE

LEGENDA RISULTATI OPERE DI FONDAZIONE

Il controllo dei risultati delle analisi condotte, per quanto concerne le opere di fondazione, è possibile in relazione alle tabelle sotto riportate.

La prima tabella è riferita alle fondazioni tipo palo e plinto su pali.

Per questo tipo di fondazione vengono riportate le sei componenti di sollecitazione (espresse nel riferimento globale della struttura) per ogni palo componente l'opera.

In particolare viene riportato:

Nodo	numero del nodo a cui è applicato il plinto
Tipo	codice corrispondente al nome assegnato al tipo di plinto di fondazione: 3) palo singolo (<i>PALO</i>) 4) plinto su palo 5) plinto su due pali (<i>PL.2P</i>) 6) plinto su tre pali (<i>PL.3P</i>) 7) plinto su quattro pali (<i>PL.4P</i>) 8) plinto rettangolare su cinque pali (<i>PL.5P.R</i>) 9) plinto pentagonale su cinque pali (<i>PL.5P</i>) 10) plinto su sei pali (<i>PL.6P</i>)
Palo	numero del palo
Comb.	combinazione di carico in cui si verificano le sei componenti di sollecitazione.
Quota	quota assoluta della sezione del palo per cui si riportano le sei componenti di sollecitazione.

L'azione F_z (corrispondente allo sforzo normale nel palo) è costante poiché il peso del palo stesso non è considerato nella modellazione.

La seconda tabella è riferita alle fondazioni tipo plinto su suolo elastico.

Per questo tipo di fondazione vengono riportate le pressioni nei quattro vertici dell'impronta sul terreno.

In particolare viene riportato:

Nodo	numero del nodo a cui è applicato il plinto
Tipo	Codice identificativo del nome assegnato al plinto
area	area dell'impronta del plinto
Wink O Wink V	coefficienti di Winkler (orizzontale e verticale) adottati
Comb	Combinazione di carico in cui si verificano i valori riportati
Pt (P1 P2 P3 P4)	valori di pressione nei vertici

La terza tabella è riferita alle fondazioni tipo platea su suolo elastico.

Per questo tipo di fondazione vengono riportate le pressioni in ogni vertice (nodo) degli elementi costituenti la platea.

La quarta tabella è riferita alle fondazioni tipo trave su suolo elastico.

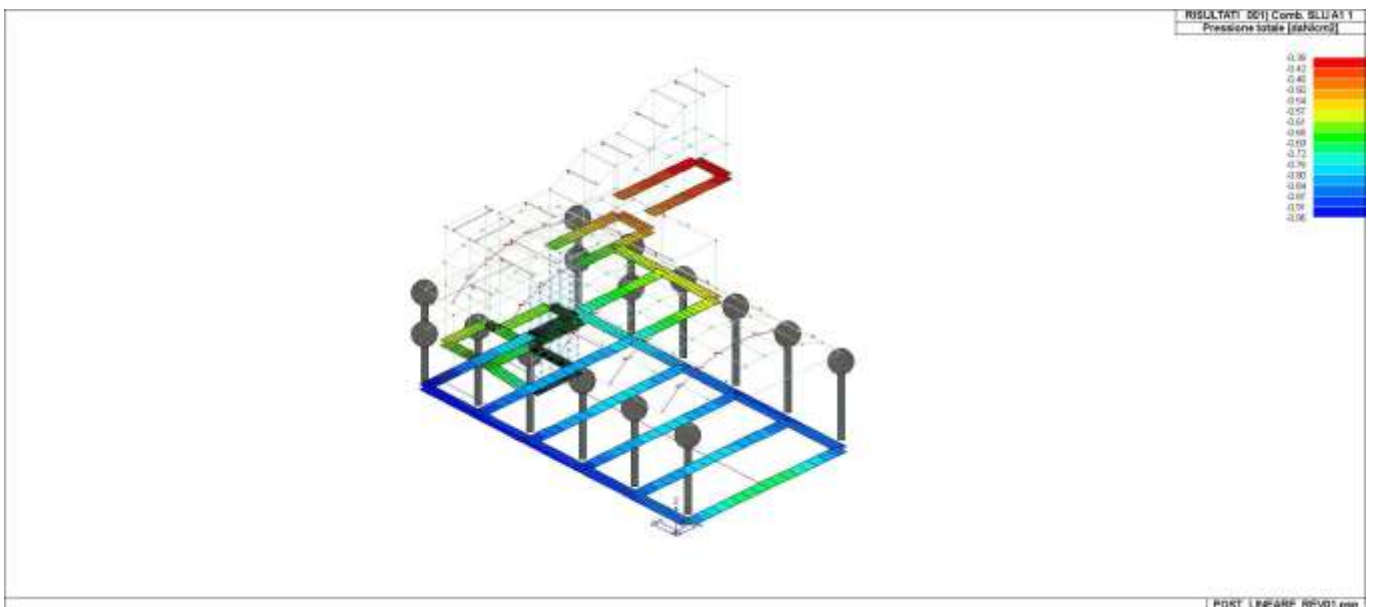
Per questo tipo di fondazione vengono riportate le pressioni alle estremità dell'elemento e la massima (in valore assoluto) pressione lungo lo sviluppo dell'elemento.

Vengono inoltre riportati, con funzione statistica, i valori massimo e minimo delle pressioni che compaiono nella tabella.

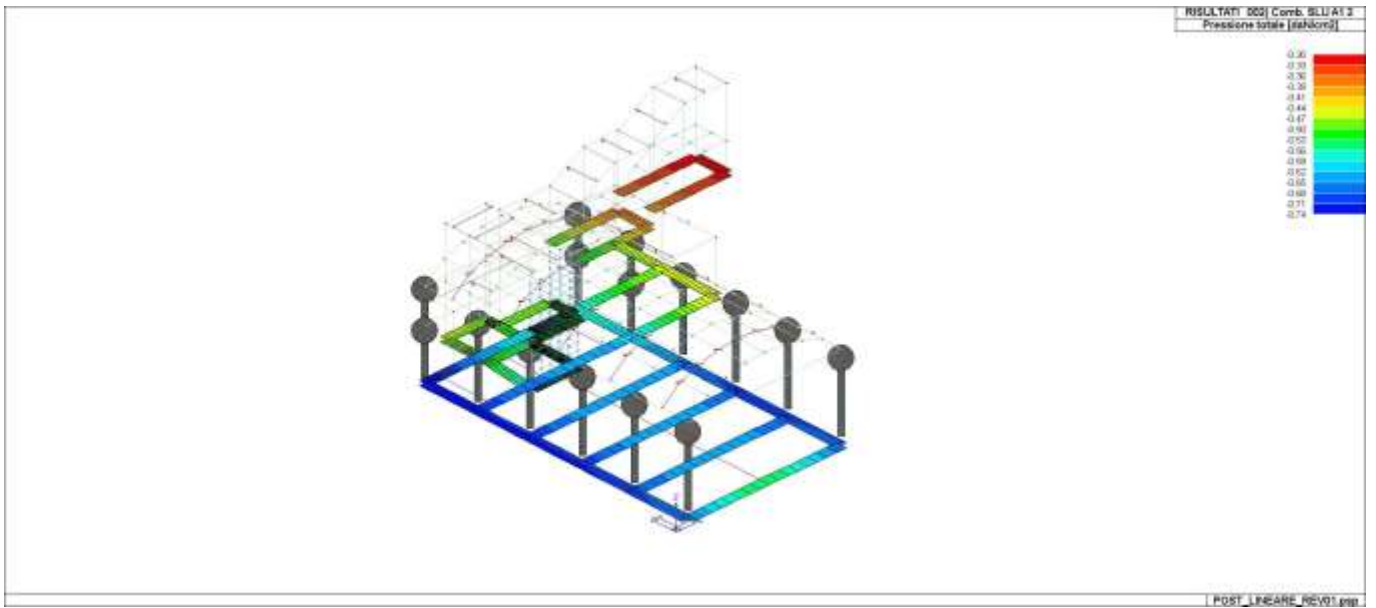
136	1	-0.58	-0.61	-0.61	7	-0.44	-0.46	-0.46	18	-0.46	-0.47	-0.47
	50	-0.46	-0.47	-0.47	74	-0.40	-0.43	-0.43	75	-0.40	-0.43	-0.43
	76	-0.40	-0.43	-0.43								
137	1	-0.74	-0.60	-0.74	7	-0.56	-0.46	-0.56	34	-0.52	-0.46	-0.52
	66	-0.52	-0.46	-0.52	74	-0.51	-0.43	-0.51	75	-0.51	-0.43	-0.51
	76	-0.51	-0.43	-0.51								
138	1	-0.61	-0.62	-0.62	7	-0.46	-0.47	-0.47	18	-0.47	-0.46	-0.47
	50	-0.47	-0.46	-0.47	74	-0.43	-0.45	-0.45	75	-0.43	-0.45	-0.45
	76	-0.43	-0.45	-0.45								
140	1	-0.66	-0.58	-0.66	7	-0.50	-0.44	-0.50	34	-0.52	-0.47	-0.52
	66	-0.52	-0.47	-0.52	74	-0.47	-0.42	-0.47	75	-0.47	-0.42	-0.47
	76	-0.47	-0.42	-0.47								
141	1	-0.58	-0.49	-0.58	7	-0.44	-0.38	-0.44	34	-0.47	-0.42	-0.47
	66	-0.47	-0.42	-0.47	74	-0.42	-0.37	-0.42	75	-0.42	-0.37	-0.42
	76	-0.42	-0.37	-0.42								
142	3	-0.50	-0.46	-0.50	8	-0.38	-0.35	-0.38	34	-0.43	-0.39	-0.43
	66	-0.43	-0.39	-0.43	74	-0.37	-0.34	-0.37	75	-0.37	-0.34	-0.37
	76	-0.37	-0.34	-0.37								
143	3	-0.46	-0.42	-0.46	8	-0.35	-0.32	-0.35	34	-0.39	-0.35	-0.39
	66	-0.39	-0.35	-0.39	74	-0.34	-0.31	-0.34	75	-0.34	-0.31	-0.34
	76	-0.34	-0.31	-0.34								
217	1	-0.70	-0.70	-0.70	7	-0.53	-0.53	-0.53	34	-0.51	-0.51	-0.51
	66	-0.51	-0.51	-0.51	74	-0.49	-0.50	-0.50	75	-0.49	-0.50	-0.50
	76	-0.49	-0.50	-0.50								
219	1	-0.77	-0.77	-0.77	7	-0.58	-0.58	-0.58	18	-0.54	-0.54	-0.54
	50	-0.54	-0.54	-0.54	74	-0.53	-0.53	-0.53	75	-0.53	-0.53	-0.53
	76	-0.53	-0.53	-0.53								
220	1	-0.76	-0.67	-0.76	7	-0.57	-0.51	-0.57	18	-0.53	-0.49	-0.53
	50	-0.53	-0.49	-0.53	74	-0.52	-0.47	-0.52	75	-0.52	-0.47	-0.52
	76	-0.52	-0.47	-0.52								
221	1	-0.67	-0.64	-0.67	7	-0.51	-0.49	-0.51	30	-0.50	-0.49	-0.50
	62	-0.50	-0.49	-0.50	74	-0.47	-0.46	-0.47	75	-0.47	-0.46	-0.47
	76	-0.47	-0.46	-0.47								
222	1	-0.64	-0.61	-0.64	7	-0.49	-0.46	-0.49	30	-0.49	-0.47	-0.49
	62	-0.49	-0.47	-0.49	74	-0.46	-0.44	-0.46	75	-0.46	-0.44	-0.46
	76	-0.46	-0.44	-0.46								
223	1	-0.61	-0.63	-0.63	7	-0.47	-0.48	-0.48	34	-0.48	-0.49	-0.49
	66	-0.48	-0.49	-0.49	74	-0.44	-0.45	-0.45	75	-0.44	-0.45	-0.45
	76	-0.44	-0.45	-0.45								
224	1	-0.64	-0.62	-0.64	7	-0.49	-0.47	-0.49	34	-0.49	-0.48	-0.49
	66	-0.49	-0.48	-0.49	74	-0.46	-0.45	-0.46	75	-0.46	-0.45	-0.46
	76	-0.46	-0.45	-0.46								
225	1	-0.69	-0.64	-0.69	7	-0.53	-0.49	-0.53	38	-0.51	-0.49	-0.51
	70	-0.51	-0.49	-0.51	74	-0.49	-0.46	-0.49	75	-0.49	-0.46	-0.49
	76	-0.49	-0.46	-0.49								
226	1	-0.75	-0.74	-0.75	7	-0.56	-0.56	-0.56	34	-0.52	-0.52	-0.52
	66	-0.52	-0.52	-0.52	74	-0.52	-0.51	-0.52	75	-0.52	-0.51	-0.52
	76	-0.52	-0.51	-0.52								
227	1	-0.68	-0.70	-0.70	7	-0.51	-0.53	-0.53	38	-0.50	-0.51	-0.51
	70	-0.50	-0.51	-0.51	74	-0.47	-0.49	-0.49	75	-0.47	-0.49	-0.49
	76	-0.47	-0.49	-0.49								
229	1	-0.76	-0.76	-0.76	7	-0.58	-0.57	-0.58	18	-0.54	-0.53	-0.54
	50	-0.54	-0.53	-0.54	74	-0.52	-0.52	-0.52	75	-0.52	-0.52	-0.52
	76	-0.52	-0.52	-0.52								
232	1	-0.70	-0.70	-0.70	7	-0.53	-0.53	-0.53	34	-0.51	-0.51	-0.51
	66	-0.51	-0.51	-0.51	74	-0.50	-0.50	-0.50	75	-0.50	-0.50	-0.50
	76	-0.50	-0.50	-0.50								
233	1	-0.77	-0.76	-0.77	7	-0.58	-0.58	-0.58	18	-0.54	-0.53	-0.54
	50	-0.54	-0.53	-0.54	74	-0.53	-0.52	-0.53	75	-0.53	-0.52	-0.53
	76	-0.53	-0.52	-0.53								
234	1	-0.74	-0.73	-0.74	7	-0.56	-0.55	-0.56	30	-0.52	-0.51	-0.52
	62	-0.52	-0.51	-0.52	74	-0.51	-0.51	-0.51	75	-0.51	-0.51	-0.51
	76	-0.51	-0.51	-0.51								
236	1	-0.76	-0.76	-0.76	7	-0.57	-0.57	-0.57	22	-0.53	-0.53	-0.53
	54	-0.53	-0.53	-0.53	74	-0.52	-0.52	-0.52	75	-0.52	-0.52	-0.52
	76	-0.52	-0.52	-0.52								
239	1	-0.70	-0.70	-0.70	7	-0.53	-0.53	-0.53	34	-0.51	-0.51	-0.51
	66	-0.51	-0.51	-0.51	74	-0.50	-0.49	-0.50	75	-0.50	-0.49	-0.50
	76	-0.50	-0.49	-0.50								
240	1	-0.76	-0.76	-0.76	7	-0.58	-0.57	-0.58	22	-0.53	-0.53	-0.53
	54	-0.53	-0.53	-0.53	74	-0.52	-0.52	-0.52	75	-0.52	-0.52	-0.52
	76	-0.52	-0.52	-0.52								
241	1	-0.73	-0.72	-0.73	7	-0.55	-0.54	-0.55	30	-0.51	-0.51	-0.51
	62	-0.51	-0.51	-0.51	74	-0.51	-0.50	-0.51	75	-0.51	-0.50	-0.51
	76	-0.51	-0.50	-0.51								
243	1	-0.76	-0.75	-0.76	7	-0.57	-0.57	-0.57	22	-0.53	-0.52	-0.53
	54	-0.53	-0.52	-0.53	74	-0.52	-0.52	-0.52	75	-0.52	-0.52	-0.52

	76	-0.52	-0.52	-0.52								
246	1	-0.70	-0.69	-0.70	7	-0.53	-0.53	-0.53	34	-0.51	-0.51	-0.51
	66	-0.51	-0.51	-0.51	74	-0.49	-0.49	-0.49	75	-0.49	-0.49	-0.49
	76	-0.49	-0.49	-0.49								
247	1	-0.76	-0.75	-0.76	7	-0.57	-0.57	-0.57	38	-0.53	-0.53	-0.53
	70	-0.53	-0.53	-0.53	74	-0.52	-0.52	-0.52	75	-0.52	-0.52	-0.52
	76	-0.52	-0.52	-0.52								
248	1	-0.72	-0.71	-0.72	7	-0.54	-0.53	-0.54	30	-0.51	-0.51	-0.51
	62	-0.51	-0.51	-0.51	74	-0.50	-0.50	-0.50	75	-0.50	-0.50	-0.50
	76	-0.50	-0.50	-0.50								
250	1	-0.75	-0.74	-0.75	7	-0.57	-0.56	-0.57	34	-0.53	-0.52	-0.53
	66	-0.53	-0.52	-0.53	74	-0.52	-0.51	-0.52	75	-0.52	-0.51	-0.52
	76	-0.52	-0.51	-0.52								
253	1	-0.69	-0.69	-0.69	7	-0.53	-0.52	-0.53	34	-0.51	-0.51	-0.51
	66	-0.51	-0.51	-0.51	74	-0.49	-0.49	-0.49	75	-0.49	-0.49	-0.49
	76	-0.49	-0.49	-0.49								
254	1	-0.75	-0.75	-0.75	7	-0.57	-0.57	-0.57	34	-0.53	-0.53	-0.53
	66	-0.53	-0.53	-0.53	74	-0.52	-0.52	-0.52	75	-0.52	-0.52	-0.52
	76	-0.52	-0.52	-0.52								
255	1	-0.71	-0.69	-0.71	7	-0.53	-0.53	-0.53	38	-0.51	-0.51	-0.51
	70	-0.51	-0.51	-0.51	74	-0.50	-0.49	-0.50	75	-0.50	-0.49	-0.50
	76	-0.50	-0.49	-0.50								
259	1	-0.65	-0.65	-0.65	7	-0.49	-0.50	-0.50	34	-0.50	-0.51	-0.51
	66	-0.50	-0.51	-0.51	74	-0.47	-0.47	-0.47	75	-0.47	-0.47	-0.47
	76	-0.47	-0.47	-0.47								
260	1	-0.69	-0.67	-0.69	7	-0.52	-0.51	-0.52	34	-0.50	-0.50	-0.50
	66	-0.50	-0.50	-0.50	74	-0.49	-0.48	-0.49	75	-0.49	-0.48	-0.49
	76	-0.49	-0.48	-0.49								
263	1	-0.67	-0.66	-0.67	7	-0.51	-0.50	-0.51	34	-0.50	-0.50	-0.50
	66	-0.50	-0.50	-0.50	74	-0.48	-0.48	-0.48	75	-0.48	-0.48	-0.48
	76	-0.48	-0.48	-0.48								
267	1	-0.66	-0.65	-0.66	7	-0.50	-0.49	-0.50	34	-0.50	-0.51	-0.51
	66	-0.50	-0.51	-0.51	74	-0.48	-0.47	-0.48	75	-0.48	-0.47	-0.48
	76	-0.48	-0.47	-0.48								

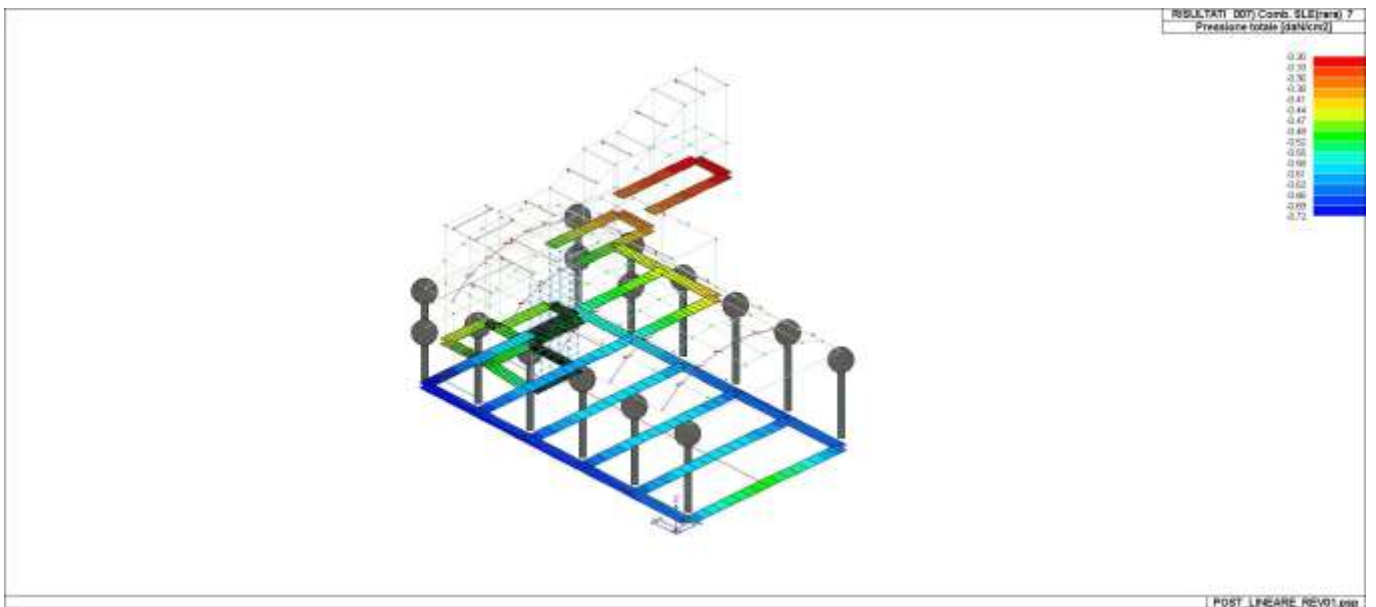
Elem.	Pt ini	Pt fin	Pt max	Pt ini	Pt fin	Pt max	Pt ini	Pt fin	Pt max
	-0.95								
	-0.31								



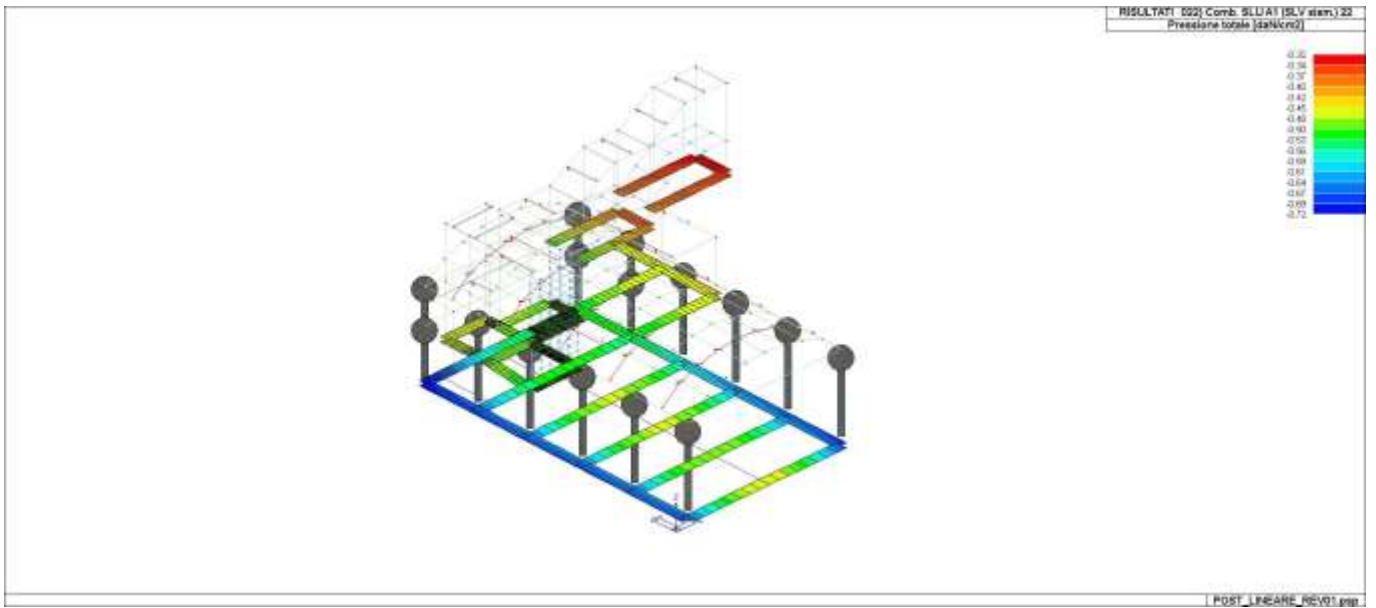
46_RIS_PRESSIONI_001_Comb. SLU A1 1



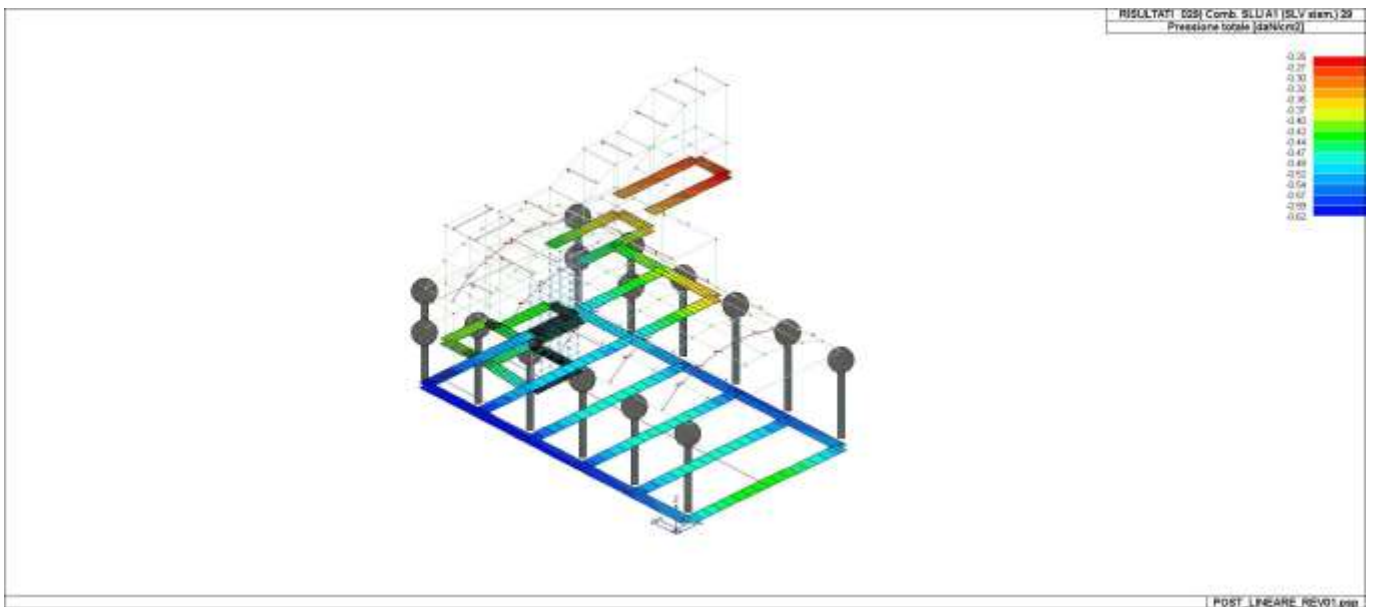
46_RIS_PRESSIONI_002_Comb. SLU A1 2



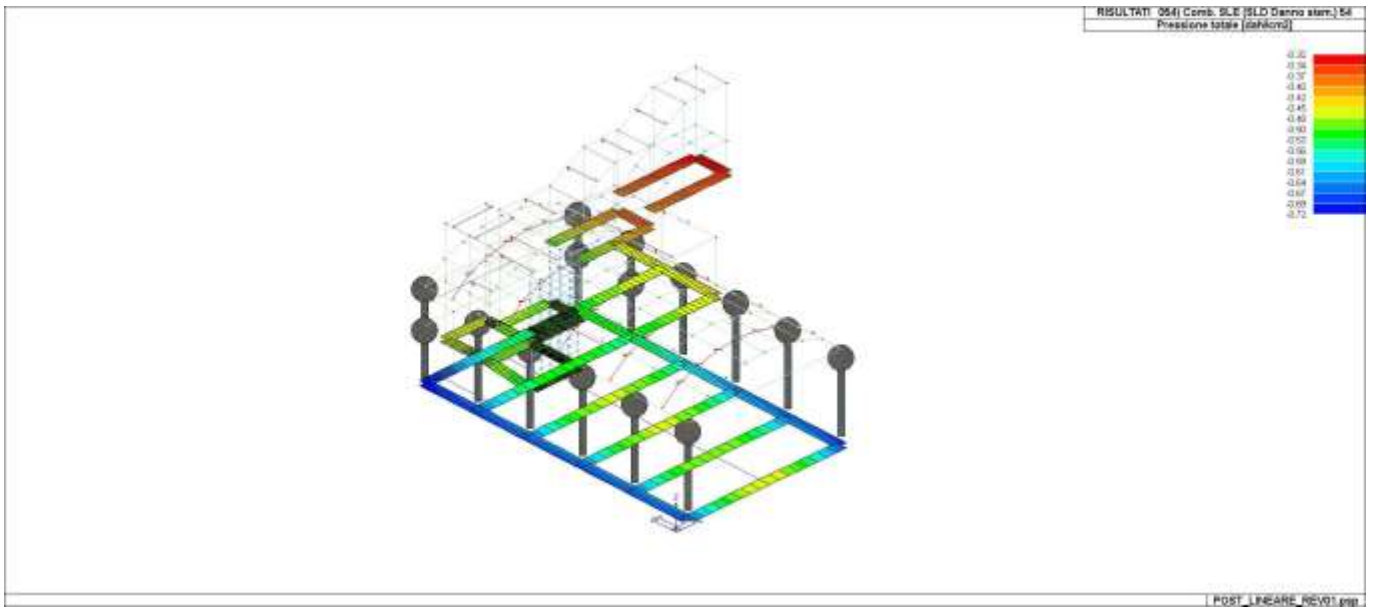
46_RIS_PRESSIONI_007_Comb. SLE(rara) 7



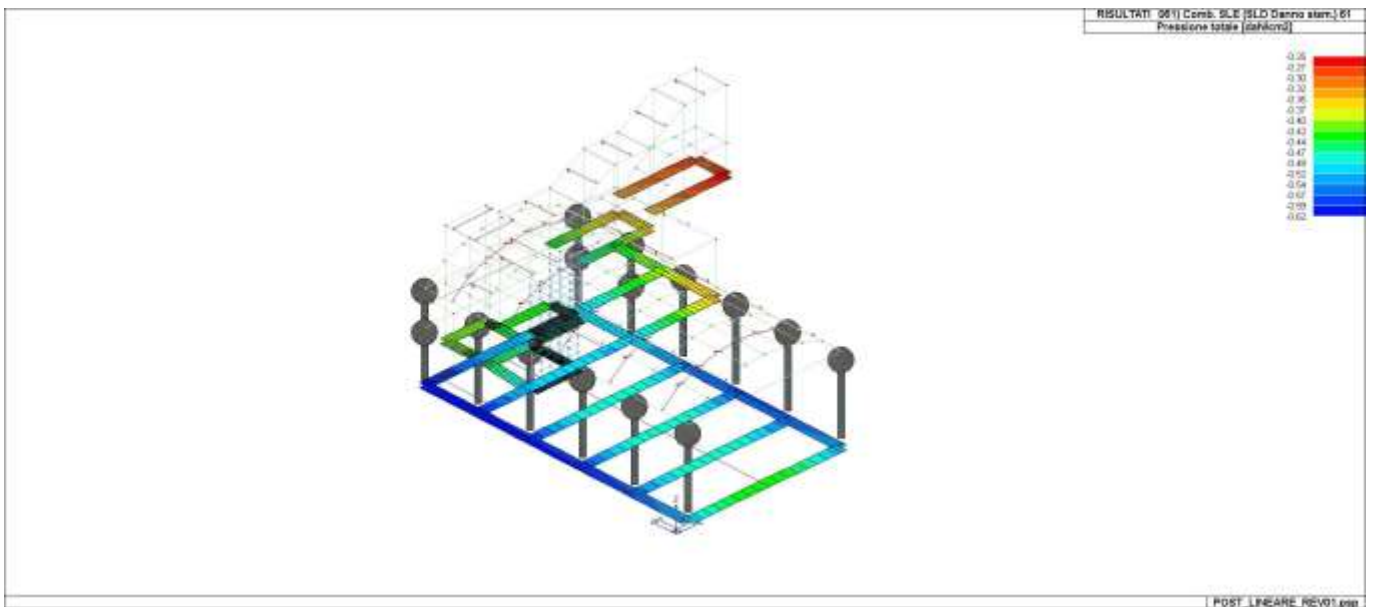
46_RIS_PRESSIONI_022_Comb. SLU A1 (SLV sism.) 22



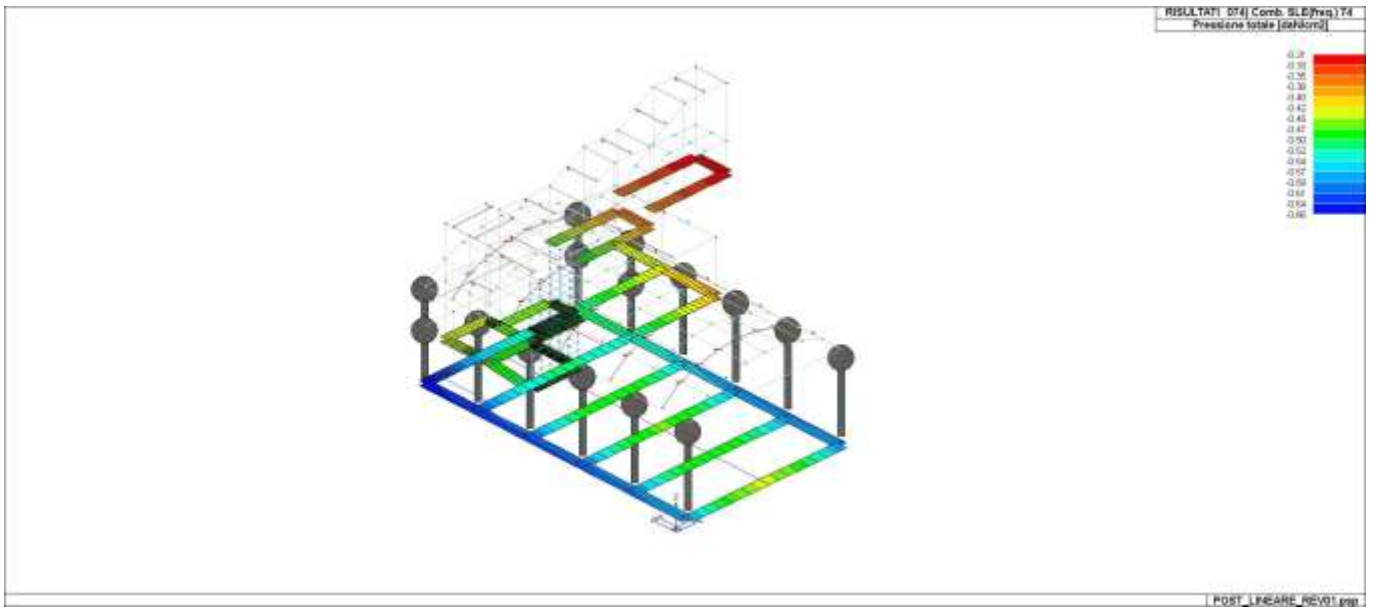
46_RIS_PRESSIONI_029_Comb. SLU A1 (SLV sism.) 29



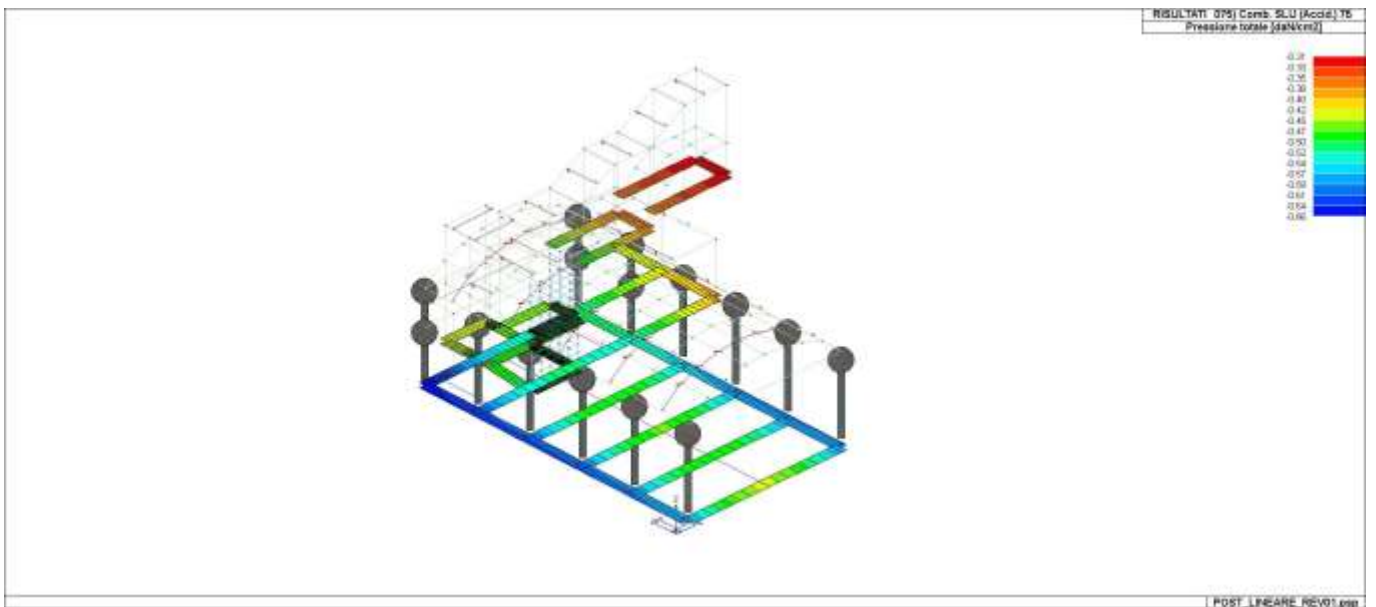
46_RIS_PRESSIONI_054_Comb. SLE (SLD Danno sism.) 54



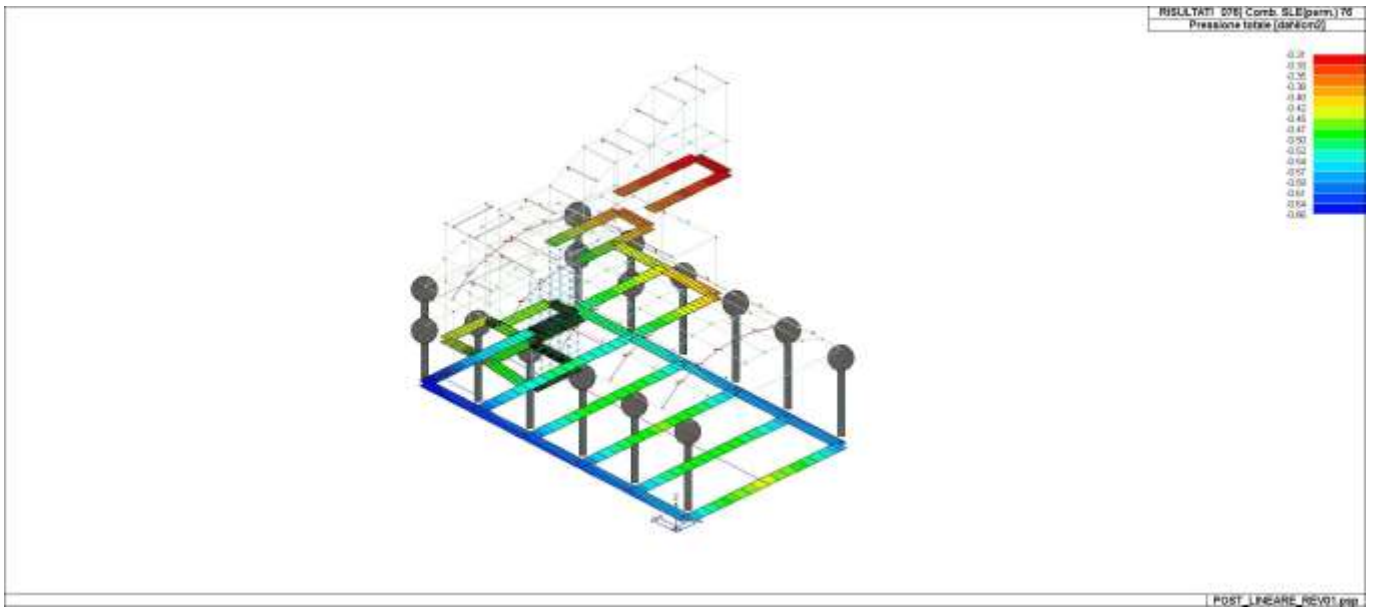
46_RIS_PRESSIONI_061_Comb. SLE (SLD Danno sism.) 61



46_RIS_PRESSIONI_074_Comb. SLE(freq.) 74



46_RIS_PRESSIONI_075_Comb. SLU (Accid.) 75



46_RIS_PRESSIONI_076_Comb. SLE(perm.) 76

RISULTATI ELEMENTI TIPO TRAVE

LEGENDA RISULTATI ELEMENTI TIPO TRAVE

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

Gli elementi vengono suddivisi in relazione alle proprietà in elementi:

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

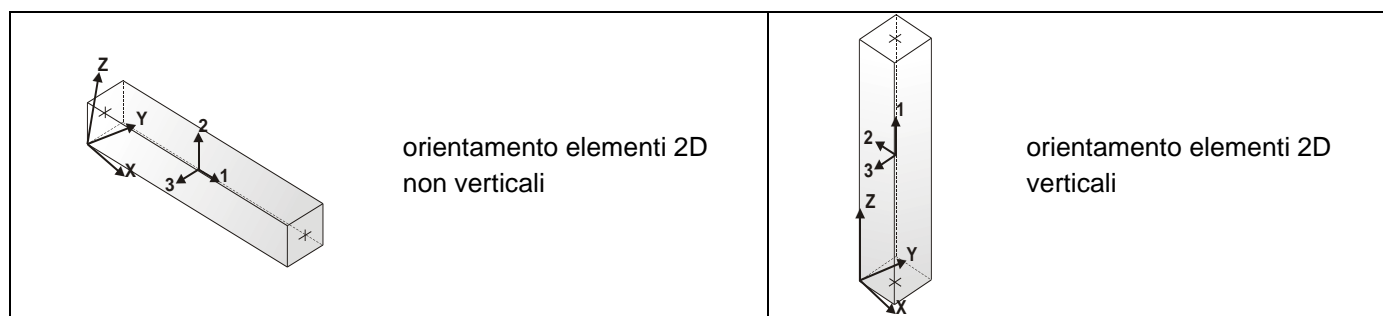
Per ogni elemento e per ogni combinazione (o caso di carico) vengono riportati i risultati più significativi.

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

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

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

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



Pilas.	Cmb	M3 mx/mn	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	3	1.190e+06	-2801.83	0.48	0.0	0.0	-2.693e+04	-4636.78	15.87	-1.878e+05	-1.232e+04	1.190e+06
		-1.592e+06	-1.232e+04	-0.02	0.0	600.0	-2.035e+04	-4636.78	15.87	-1.878e+05	-2801.83	-1.592e+06
1	5	9.045e+05	2.843e+04	0.36	0.0	0.0	-2.339e+04	-3520.12	-116.29	-1.369e+05	2.843e+04	9.045e+05
		-1.208e+06	-4.134e+04	-0.02	0.0	600.0	-1.681e+04	-3520.12	-116.29	-1.369e+05	-4.134e+04	-1.208e+06
1	6	6.768e+05	2.263e+04	0.28	0.0	0.0	-1.799e+04	-2676.81	-91.81	-1.062e+05	2.263e+04	6.768e+05
		-9.292e+05	-3.245e+04	-0.02	0.0	600.0	-1.293e+04	-2676.81	-91.81	-1.062e+05	-3.245e+04	-9.292e+05
1	8	8.780e+05	3.255e+04	0.36	0.0	0.0	-2.035e+04	-3438.76	-2.37	-1.396e+05	-4967.52	8.780e+05
		-1.185e+06	-6391.62	-0.02	0.0	600.0	-1.529e+04	-3438.76	-2.37	-1.396e+05	-6391.62	-1.185e+06
1	9	6.876e+05	2.220e+04	0.28	0.0	0.0	-1.799e+04	-2694.32	-90.48	-1.057e+05	2.220e+04	6.876e+05
		-9.290e+05	-3.209e+04	-0.02	0.0	600.0	-1.293e+04	-2694.32	-90.48	-1.057e+05	-3.209e+04	-9.290e+05
1	19	1.983e+05	3.255e+04	0.07	0.0	0.0	-1.374e+04	-1611.30	-126.80	-2.407e+04	3.255e+04	1.983e+05
		-7.655e+05	-4.350e+04	0.08	0.0	600.0	-1.196e+04	-1611.30	-126.80	-2.407e+04	-4.350e+04	-7.655e+05
1	20	1.177e+06	1.186e+04	0.50	0.0	0.0	-1.895e+04	-3777.34	-54.16	-1.873e+05	1.186e+04	1.177e+06
		-1.093e+06	-2.067e+04	-0.12	0.0	600.0	-1.389e+04	-3777.34	-54.16	-1.873e+05	-2.067e+04	-1.093e+06
1	25	1.256e+06	2.330e+05	0.47	0.0	0.0	-1.881e+04	-3962.53	-771.85	-1.987e+05	3.255e+04	1.256e+06
		-1.126e+06	-2.301e+05	-0.02	0.0	600.0	-1.374e+04	-3962.53	-771.85	-1.987e+05	-2.301e+05	-1.126e+06
1	29	9.373e+05	4.376e+05	0.29	0.0	0.0	-1.795e+04	-3256.45	-1439.93	-1.456e+05	4.376e+05	9.373e+05
		-1.020e+06	-4.264e+05	0.14	0.0	600.0	-1.289e+04	-3256.45	-1439.93	-1.456e+05	-4.264e+05	-1.020e+06
1	51	1.983e+05	3.255e+04	0.07	0.0	0.0	-1.703e+04	-1611.30	-126.80	-2.407e+04	3.255e+04	1.983e+05
		-7.655e+05	-4.350e+04	0.08	0.0	600.0	-1.196e+04	-1611.30	-126.80	-2.407e+04	-4.350e+04	-7.655e+05
1	52	1.177e+06	1.186e+04	0.50	0.0	0.0	-1.895e+04	-3777.34	-54.16	-1.873e+05	1.186e+04	1.177e+06
		-1.093e+06	-2.067e+04	-0.12	0.0	600.0	-1.389e+04	-3777.34	-54.16	-1.873e+05	-2.067e+04	-1.093e+06
1	57	1.256e+06	2.330e+05	0.47	0.0	0.0	-1.881e+04	-3962.53	-771.85	-1.987e+05	3.255e+05	1.256e+06
		-1.126e+06	-2.301e+05	-0.02	0.0	600.0	-1.374e+04	-3962.53	-771.85	-1.987e+05	-2.301e+05	-1.126e+06
1	61	9.373e+05	4.376e+05	0.29	0.0	0.0	-1.795e+04	-3256.45	-1439.93	-1.456e+05	4.376e+05	9.373e+05
		-1.020e+06	-4.264e+05	0.14	0.0	600.0	-1.289e+04	-3256.45	-1439.93	-1.456e+05	-4.264e+05	-1.020e+06
1	74	6.876e+05	2.220e+04	0.28	0.0	0.0	-1.799e+04	-2694.32	-90.48	-1.057e+05	2.220e+04	6.876e+05
		-9.290e+05	-3.209e+04	-0.02	0.0	600.0	-1.293e+04	-2694.32	-90.48	-1.057e+05	-3.209e+04	-9.290e+05
1	75	6.876e+05	2.220e+04	0.28	0.0	0.0	-1.799e+04	-2694.32	-90.48	-1.057e+05	2.220e+04	6.876e+05
		-9.290e+05	-3.209e+04	-0.02	0.0	600.0	-1.293e+04	-2694.32	-90.48	-1.057e+05	-3.209e+04	-9.290e+05
1	76	6.876e+05	2.220e+04	0.28	0.0	0.0	-1.799e+04	-2694.32	-90.48	-1.057e+05	2.220e+04	6.876e+05
		-9.290e+05	-3.209e+04	-0.02	0.0	600.0	-1.293e+04	-2694.32	-90.48	-1.057e+05	-3.209e+04	-9.290e+05
2	1	9.214e+05	7.525e+04	0.27	0.0	0.0	-2.289e+04	-3661.46	-218.42	1.382e+05	7.525e+04	9.214e+05
		-1.276e+06	-5.580e+04	-0.02	0.0	600.0	-1.631e+04	-3661.46	-218.42	1.382e+05	-5.580e+04	-1.276e+06
2	2	7.488e+05	6.707e+04	0.21	0.0	0.0	-1.759e+04	-2878.10	-197.63	1.051e+05	6.707e+04	7.488e+05
		-9.780e+05	-5.151e+04	-0.01	0.0	600.0	-1.253e+04	-2878.10	-197.63	1.051e+05	-5.151e+04	-9.780e+05
2	3	8.813e+05	7.139e+04	0.39	0.0	0.0	-2.663e+04	-4313.46	-206.62	1.946e+05	7.139e+04	8.813e+05
		-1.707e+06	-5.259e+04	-0.02	0.0	600.0	-2.005e+04	-4313.46	-206.62	1.946e+05	-5.259e+04	-1.707e+06
2	7	6.727e+05	5.171e+04	0.21	0.0	0.0	-1.762e+04	-2761.05	-148.15	1.074e+05	5.171e+04	6.727e+05
		-9.840e+05	-3.718e+04	-0.02	0.0	600.0	-1.256e+04	-2761.05	-148.15	1.074e+05	-3.718e+04	-9.840e+05
2	8	6.460e+05	4.913e+04	0.29	0.0	0.0	-2.012e+04	-3195.72	-140.29	1.450e+05	4.913e+04	6.460e+05
		-1.271e+06	-3.504e+04	-0.02	0.0	600.0	-1.505e+04	-3195.72	-140.29	1.450e+05	-3.504e+04	-1.271e+06
2	10	-2.490e+05	2.375e+04	-0.07	0.0	0.0	-1.678e+04	-908.12	63.26	2.953e+04	-1.419e+04	-2.490e+05
		-7.959e+05	-1.419e+04	-0.02	0.0	600.0	-1.172e+04	-908.12	63.26	2.953e+04	2.375e+04	-7.959e+05
2	12	1.302e+06	1.769e+05	0.53	0.0	0.0	-1.845e+04	-4201.89	583.19	2.100e+05	-1.731e+05	1.302e+06
		-1.225e+06	-1.731e+05	-0.12	0.0	600.0	-1.339e+04	-4201.89	583.19	2.100e+05	1.769e+05	-1.225e+06
2	13	1.243e+06	5.077e+04	0.51	0.0	0.0	-1.861e+04	-4073.61	-144.44	1.961e+05	5.077e+04	1.243e+06
		-1.199e+06	-3.588e+04	-0.01	0.0	600.0	-1.355e+04	-4073.61	-144.44	1.961e+05	-3.588e+04	-1.199e+06
2	31	1.814e+05	4.174e+05	0.12	0.0	0.0	-1.775e+04	-1819.38	-1338.65	6.914e+04	4.174e+05	1.814e+05
		-8.981e+05	-3.858e+05	0.17	0.0	600.0	-1.269e+04	-1819.38	-1338.65	6.914e+04	-3.858e+05	-8.981e+05
2	42	-2.490e+05	2.375e+04	-0.07	0.0	0.0	-1.678e+04	-908.12	63.26	2.953e+04	-1.419e+04	-2.490e+05
		-7.959e+05	-1.419e+04	-0.02	0.0	600.0	-1.172e+04	-908.12	63.26	2.953e+04	2.375e+04	-7.959e+05
2	44	1.302e+06	1.769e+05	0.53	0.0	0.0	-1.845e+04	-4201.89	583.19	2.100e+05	-1.731e+05	1.302e+06
		-1.225e+06	-1.731e+05	-0.12	0.0	600.0	-1.339e+04	-4201.89	583.19	2.100e+05	1.769e+05	-1.225e+06
2	45	1.243e+06	5.077e+04	0.51	0.0	0.0	-1.861e+04	-4073.61	-144.44	1.961e+05	5.077e+04	1.243e+06
		-1.199e+06	-3.588e+04	-0.01	0.0	600.0	-1.355e+04	-4073.61	-144.44	1.961e+05	-3.588e+04	-1.199e+06
2	63	1.814e+05	4.174e+05	0.12	0.0	0.0	-1.775e+04	-1819.38	-1338.65	6.914e+04	4.174e+05	1.814e+05
		-8.981e+05	-3.858e+05	0.17	0.0	600.0	-1.269e+04	-1819.38	-1338.65	6.914e+04	-3.858e+05	-8.981e+05
2	74	4.969e+05	1.829e+04	0.22	0.0	0.0	-1.770e+04	-2490.86	-40.59	1.128e+05	1.829e+04	4.969e+05
		-9.976e+05	-6062.98	-0.02	0.0	600.0	-1.264e+04	-2490.86	-40.59	1.128e+05	-6062.98	-9.976e+05
2	75	4.969e+05	1.829e+04	0.22	0.0	0.0	-1.770e+04	-2490.86	-40.59	1.128e+05	1.829e+04	4.969e+05
		-9.976e+05	-6062.98	-0.02	0.0	600.0	-1.264e+04	-2490.86	-40.59	1.128e+05	-6062.98	-9.976e+05
2	76	4.969e+05	1.829e+04	0.22	0.0	0.0	-1.770e+04	-2490.86	-40.59	1.128e+05	1.829e+04	4.969e+05
		-9.976e+05	-6062.98	-0.02	0.0	600.0	-1.264e+04	-2490.86	-40.59	1.128e+05	-6062.98	-9.976e+05
8	3	1.003e+06	1.416e+05	-0.07	0.0	0.0	-1.910e+04	-1236.10	-556.85	-2.486e+05	1.416e+05	1.003e+06
		2.609e+05	-1.925e+05	0.06	0.0	600.0	-1.252e+04	-1236.10	-556.85	-2.486e+05	-1.925e+05	2.609e+05
8	4	8.164e+05	1.183e+05	-0.05	0.0	0.0	-1.509e+04	-1034.33	-459.18	-2.065e+05	1.183e+05	8.164e+05
		1.958e+05	-1.572e+05	0.05	0.0	600.0	-1.003e+04	-1034.33	-459.18	-2.065e+05	-1.572e+05	1.958e+05
8	6	6.546e+05	5.905e+04	-0.05	0.0	0.0	-1.329e+04	-731.68	-264.71	-1.438e+05	5.905e+04	6.546e+05
		2.156e+05	-9.978e+04	0.03	0.0	600.0	-8230.33	-731.68	-264.71	-1.438e+05	-9.978e+04	2.156e+05
8	8	7.580e+05	1.010e+05	-0.05	0.0	0.0	-1.450e+04	-925.74	-402.29	-1.852e+05	1.010e+05	7.580e+05
		2.026e+05	-1.404e+05	0.04	0.0	600.0	-9438.87	-925.74	-402.29	-1.852e+05	-1.404e+05	2.026e+05

8	9	6.502e+05	6.148e+04	-0.05	0.0	0.0	-1.330e+04	-723.97	-272.65	-1.433e+05	6.148e+04	6.502e+05
		2.158e+05	-1.021e+05	0.03	0.0	600.0	-8240.31	-723.97	-272.65	-1.433e+05	-1.021e+05	2.158e+05
8	10	6.885e+05	5.056e+04	-0.31	0.0	0.0	-1.398e+04	1587.91	273.43	-2.234e+05	-1.135e+05	-2.662e+05
		-2.662e+05	-1.135e+05	0.03	0.0	600.0	-8916.64	1587.91	273.43	-2.234e+05	5.056e+04	6.885e+05
8	13	1.567e+06	2.365e+05	0.29	0.0	0.0	-1.263e+04	-3035.85	-818.73	-6.325e+04	2.365e+05	1.567e+06
		-2.569e+05	-2.548e+05	0.03	0.0	600.0	-7563.98	-3035.85	-818.73	-6.325e+04	-2.548e+05	-2.569e+05
8	35	5.340e+05	2.604e+05	-0.06	0.0	0.0	-1.483e+04	-437.80	-900.34	-1.472e+05	2.604e+05	5.340e+05
		2.637e+05	-2.799e+05	0.20	0.0	600.0	-9766.85	-437.80	-900.34	-1.472e+05	-2.799e+05	2.637e+05
8	36	7.663e+05	7.563e+04	-0.03	0.0	0.0	-1.178e+04	-1010.14	355.04	-1.394e+05	-1.375e+05	7.663e+05
		1.679e+05	-1.375e+05	-0.13	0.0	600.0	-6713.77	-1010.14	355.04	-1.394e+05	7.563e+04	1.679e+05
8	37	1.049e+06	3.246e+05	0.15	0.0	0.0	-1.423e+04	-1739.44	-1099.83	-1.022e+05	3.246e+05	1.049e+06
		-2401.88	-3.354e+05	0.17	0.0	600.0	-9166.56	-1739.44	-1099.83	-1.022e+05	-3.354e+05	-2401.88
8	42	6.885e+05	5.056e+04	-0.31	0.0	0.0	-1.398e+04	1587.91	273.43	-2.234e+05	-1.135e+05	-2.662e+05
		-2.662e+05	-1.135e+05	0.03	0.0	600.0	-8916.64	1587.91	273.43	-2.234e+05	5.056e+04	6.885e+05
8	45	1.567e+06	2.365e+05	0.29	0.0	0.0	-1.263e+04	-3035.85	-818.73	-6.325e+04	2.365e+05	1.567e+06
		-2.569e+05	-2.548e+05	0.03	0.0	600.0	-7563.98	-3035.85	-818.73	-6.325e+04	-2.548e+05	-2.569e+05
8	67	5.340e+05	2.604e+05	-0.06	0.0	0.0	-1.483e+04	-437.80	-900.34	-1.472e+05	2.604e+05	5.340e+05
		2.637e+05	-2.799e+05	0.20	0.0	600.0	-9766.85	-437.80	-900.34	-1.472e+05	-2.799e+05	2.637e+05
8	68	7.663e+05	7.563e+04	-0.03	0.0	0.0	-1.178e+04	-1010.14	355.04	-1.394e+05	-1.375e+05	7.663e+05
		1.679e+05	-1.375e+05	-0.13	0.0	600.0	-6713.77	-1010.14	355.04	-1.394e+05	7.563e+04	1.679e+05
8	69	1.049e+06	3.246e+05	0.15	0.0	0.0	-1.423e+04	-1739.44	-1099.83	-1.022e+05	3.246e+05	1.049e+06
		-2401.88	-3.354e+05	0.17	0.0	600.0	-9166.56	-1739.44	-1099.83	-1.022e+05	-3.354e+05	-2401.88
8	74	6.502e+05	6.148e+04	-0.05	0.0	0.0	-1.330e+04	-723.97	-272.65	-1.433e+05	6.148e+04	6.502e+05
		2.158e+05	-1.021e+05	0.03	0.0	600.0	-8240.31	-723.97	-272.65	-1.433e+05	-1.021e+05	2.158e+05
8	75	6.502e+05	6.148e+04	-0.05	0.0	0.0	-1.330e+04	-723.97	-272.65	-1.433e+05	6.148e+04	6.502e+05
		2.158e+05	-1.021e+05	0.03	0.0	600.0	-8240.31	-723.97	-272.65	-1.433e+05	-1.021e+05	2.158e+05
8	76	6.502e+05	6.148e+04	-0.05	0.0	0.0	-1.330e+04	-723.97	-272.65	-1.433e+05	6.148e+04	6.502e+05
		2.158e+05	-1.021e+05	0.03	0.0	600.0	-8240.31	-723.97	-272.65	-1.433e+05	-1.021e+05	2.158e+05
9	1	-6.498e+05	2.685e+04	0.02	0.0	0.0	-3.358e+04	-492.83	-329.79	8.984e+04	-8.943e+04	-8.272e+05
		-8.272e+05	-8.943e+04	0.04	0.0	360.0	-2.964e+04	-492.83	-329.79	8.984e+04	-8.943e+04	-8.272e+05
9	3	-5.650e+05	3.822e+04	-0.05	0.0	0.0	-3.523e+04	-321.11	-371.62	1.219e+05	3.822e+04	-5.650e+05
		-6.806e+05	-9.557e+04	0.04	0.0	360.0	-3.128e+04	-321.11	-371.62	1.219e+05	-9.557e+04	-6.806e+05
9	5	-4.410e+05	7.336e+04	-0.03	0.0	0.0	-3.166e+04	-596.47	-483.61	9.408e+04	-6.410e+05	-4.410e+05
		-6.558e+05	-1.007e+05	0.03	0.0	360.0	-2.771e+04	-596.47	-483.61	9.408e+04	-1.007e+05	-6.558e+05
9	6	-3.231e+05	5.596e+04	-0.02	0.0	0.0	-2.413e+04	-443.70	-367.18	7.269e+04	5.596e+04	-3.231e+05
		-4.828e+05	-7.623e+04	0.02	0.0	360.0	-2.109e+04	-443.70	-367.18	7.269e+04	-7.623e+04	-4.828e+05
9	7	-4.714e+05	2.685e+04	0.01	0.0	0.0	-2.554e+04	-383.15	-267.37	6.968e+04	2.685e+04	-4.714e+05
		-6.093e+05	-6.940e+04	0.03	0.0	360.0	-2.250e+04	-383.15	-267.37	6.968e+04	-6.940e+04	-6.093e+05
9	8	-4.148e+05	3.280e+04	-0.03	0.0	0.0	-2.663e+04	-268.68	-295.25	9.106e+04	3.280e+04	-4.148e+05
		-5.116e+05	-7.349e+04	0.03	0.0	360.0	-2.359e+04	-268.68	-295.25	9.106e+04	-7.349e+04	-5.116e+05
9	9	-3.322e+05	5.622e+04	-0.02	0.0	0.0	-2.426e+04	-452.25	-369.91	7.251e+04	5.622e+04	-3.322e+05
		-4.950e+05	-7.694e+04	0.02	0.0	360.0	-2.122e+04	-452.25	-369.91	7.251e+04	-7.694e+04	-4.950e+05
9	15	-2.467e+05	9.862e+04	-0.10	0.0	0.0	-2.401e+04	1528.52	-565.46	1.305e+05	9.862e+04	-9.203e+05
		-9.203e+05	-2.244e+05	0.08	0.0	360.0	-2.097e+04	1528.52	-565.46	1.305e+05	-2.244e+05	-9.203e+05
9	16	2.558e+05	7.047e+04	0.06	0.0	0.0	-2.450e+04	-2433.01	-174.35	1.448e+04	1.383e+04	2.558e+05
		-7.434e+05	1.383e+04	-0.04	0.0	360.0	-2.146e+04	-2433.01	-174.35	1.448e+04	7.434e+04	-7.434e+05
9	26	-3.502e+05	1.402e+05	-0.02	0.0	0.0	-2.315e+04	-500.13	1704.48	6.913e+04	-4.435e+05	-3.502e+05
		-5.278e+05	-4.435e+05	-0.07	0.0	360.0	-2.011e+04	-500.13	1704.48	6.913e+04	1.402e+05	-5.278e+05
9	29	-3.142e+05	5.559e+05	-0.02	0.0	0.0	-2.536e+04	-404.36	-2444.30	7.588e+04	5.559e+05	-3.142e+05
		-4.623e+05	-2.941e+05	0.11	0.0	360.0	-2.232e+04	-404.36	-2444.30	7.588e+04	-2.941e+05	-4.623e+05
9	38	-3.358e+05	2.325e+05	-0.02	0.0	0.0	-2.321e+04	-617.40	2086.43	7.513e+04	-5.224e+05	-3.358e+05
		-6.696e+05	-5.224e+05	-0.08	0.0	360.0	-2.017e+04	-617.40	2086.43	7.513e+04	2.325e+05	-6.696e+05
9	41	-3.205e+05	6.349e+05	-0.02	0.0	0.0	-2.530e+04	-287.09	-2826.25	6.989e+04	6.349e+05	-3.205e+05
		-3.286e+05	-3.863e+05	0.12	0.0	360.0	-2.226e+04	-287.09	-2826.25	6.989e+04	-3.863e+05	-3.286e+05
9	47	-2.467e+05	9.862e+04	-0.10	0.0	0.0	-2.401e+04	1528.52	-565.46	1.305e+05	9.862e+04	-9.203e+05
		-9.203e+05	-2.244e+05	0.08	0.0	360.0	-2.097e+04	1528.52	-565.46	1.305e+05	-2.244e+05	-9.203e+05
9	48	2.558e+05	7.047e+04	0.06	0.0	0.0	-2.450e+04	-2433.01	-174.35	1.448e+04	1.383e+04	2.558e+05
		-7.434e+05	1.383e+04	-0.04	0.0	360.0	-2.146e+04	-2433.01	-174.35	1.448e+04	7.434e+04	-7.434e+05
9	58	-3.502e+05	1.402e+05	-0.02	0.0	0.0	-2.315e+04	-500.13	1704.48	6.913e+04	-4.435e+05	-3.502e+05
		-5.278e+05	-4.435e+05	-0.07	0.0	360.0	-2.011e+04	-500.13	1704.48	6.913e+04	1.402e+05	-5.278e+05
9	61	-3.142e+05	5.559e+05	-0.02	0.0	0.0	-2.536e+04	-404.36	-2444.30	7.588e+04	5.559e+05	-3.142e+05
		-4.623e+05	-2.941e+05	0.11	0.0	360.0	-2.232e+04	-404.36	-2444.30	7.588e+04	-2.941e+05	-4.623e+05
9	70	-3.358e+05	2.325e+05	-0.02	0.0	0.0	-2.321e+04	-617.40	2086.43	7.513e+04	-5.224e+05	-3.358e+05
		-6.696e+05	-5.224e+05	-0.08	0.0	360.0	-2.017e+04	-617.40	2086.43	7.513e+04	2.325e+05	-6.696e+05
9	73	-3.205e+05	6.349e+05	-0.02	0.0	0.0	-2.530e+04	-287.09	-2826.25	6.989e+04	6.349e+05	-3.205e+05
		-3.286e+05	-3.863e+05	0.12	0.0	360.0	-2.226e+04	-287.09	-2826.25	6.989e+04	-3.863e+05	-3.286e+05
9	74	-3.322e+05	5.622e+04	-0.02	0.0	0.0	-2.426e+04	-452.25	-369.91	7.251e+04	5.622e+04	-3.322e+05
		-4.950e+05	-7.694e+04	0.02	0.0	360.0	-2.122e+04	-452.25	-369.91	7.251e+04	-7.694e+04	-4.950e+05
9	75	-3.322e+05	5.622e+04	-0.02	0.0	0.0	-2.426e+04	-452.25	-369.91	7.251e+04	5.622e+04	-3.322e+05
		-4.950e+05	-7.694e+04	0.02	0.0	360.0	-2.122e+04	-452.25	-369.91	7.251e+04	-7.694e+04	-4.950e+05
9	76	-3.322e+05	5.622e+04	-0.02	0.0	0.0	-2.426e+04	-452.25	-369.91	7.251e+04	5.622e+04	-3.322e+05
		-4.950e+05	-7.694e+04	0.02	0.0	360.0	-2.122e+04	-452.25	-369.91	7.251e+04	-7.694e+04	-4.950e+05
10	1	1.278e+06	1.839e+05	-0.24	0.0	0.0	-2.276e+04	3551.79	-572.02	-1.037e+05	1.839e+05	-8.531e+05
		-8.531e+05	-1.593e+05	0.05	0.0	600.0	-1.618e+04	3551.79	-572.02	-1.037e+05	-1.593e+05	1.278e+06
10	2	9.800e+05	1.524e+05	-0.19	0.0	0.0	-1.749e+04	2794.32	-475.24	-7.864e+04	1.524e+05	-9.800e+05
		-6.966e+05	-1.327e+05	0.04	0.0	600.0	-1.243e+04	2794.32	-475.24	-7.864e+04	-1.327e+05	-6.966e+05
10	3	1.709e+06	1.723e+05	-0.34	0.0	0.0	-2.645e+04	4159.35	-534.71	-1.491e+05	1.723e+05	-7.868e+05

		-7.868e+05	-1.485e+05	0.05	0.0	600.0	-1.987e+04	4159.35	-534.71	-1.491e+05	-1.485e+05	1.709e+06
10	7	9.858e+05	1.321e+05	-0.19	0.0	0.0	-1.752e+04	2675.54	-409.56	-8.074e+04	1.321e+05	-6.195e+05
		-6.195e+05	-1.137e+05	0.04	0.0	600.0	-1.246e+04	2675.54	-409.56	-8.074e+04	-1.137e+05	9.858e+05
10	8	1.273e+06	1.243e+05	-0.26	0.0	0.0	-1.998e+04	3080.58	-384.68	-1.110e+05	1.243e+05	-5.753e+05
		-5.753e+05	-1.065e+05	0.04	0.0	600.0	-1.492e+04	3080.58	-384.68	-1.110e+05	-1.065e+05	1.273e+06
10	10	1.226e+06	1.352e+05	-0.49	0.0	0.0	-1.834e+04	4111.55	441.10	-1.795e+05	-1.294e+05	-1.244e+06
		-1.244e+06	-1.294e+05	0.03	0.0	600.0	-1.328e+04	4111.55	441.10	-1.795e+05	1.352e+05	1.226e+06
10	15	1.198e+06	5.820e+04	-0.49	0.0	0.0	-1.853e+04	3998.48	-169.51	-1.817e+05	5.820e+04	-1.199e+06
		-1.199e+06	-4.350e+04	0.12	0.0	600.0	-1.347e+04	3998.48	-169.51	-1.817e+05	-4.350e+04	1.198e+06
10	16	8.001e+05	1.128e+05	0.09	0.0	0.0	-1.666e+04	802.96	-348.82	1.067e+04	1.128e+05	3.164e+05
		3.164e+05	-9.650e+04	-0.06	0.0	600.0	-1.160e+04	802.96	-348.82	1.067e+04	-9.650e+04	8.001e+05
10	37	8.891e+05	4.403e+05	-0.09	0.0	0.0	-1.768e+04	1744.59	-1414.06	-8.768e+04	4.403e+05	-1.276e+05
		-1.476e+05	-4.082e+05	0.17	0.0	600.0	-1.262e+04	1744.59	-1414.06	-8.768e+04	-4.082e+05	8.891e+05
10	42	1.226e+06	1.352e+05	-0.49	0.0	0.0	-1.834e+04	4111.55	441.10	-1.795e+05	-1.294e+05	-1.244e+06
		-1.244e+06	-1.294e+05	0.03	0.0	600.0	-1.328e+04	4111.55	441.10	-1.795e+05	1.352e+05	1.226e+06
10	47	1.198e+06	5.820e+04	-0.49	0.0	0.0	-1.853e+04	3998.48	-169.51	-1.817e+05	5.820e+04	-1.199e+06
		-1.199e+06	-4.350e+04	0.12	0.0	600.0	-1.347e+04	3998.48	-169.51	-1.817e+05	-4.350e+04	1.198e+06
10	48	8.001e+05	1.128e+05	0.09	0.0	0.0	-1.666e+04	802.96	-348.82	1.067e+04	1.128e+05	3.164e+05
		3.164e+05	-9.650e+04	-0.06	0.0	600.0	-1.160e+04	802.96	-348.82	1.067e+04	-9.650e+04	8.001e+05
10	69	8.891e+05	4.403e+05	-0.09	0.0	0.0	-1.768e+04	1744.59	-1414.06	-8.768e+04	4.403e+05	-1.276e+05
		-1.476e+05	-4.082e+05	0.17	0.0	600.0	-1.262e+04	1744.59	-1414.06	-8.768e+04	-4.082e+05	8.891e+05
10	74	9.991e+05	8.550e+04	-0.20	0.0	0.0	-1.760e+04	2400.72	-259.17	-8.553e+04	8.550e+04	-4.413e+05
		-4.413e+05	-7.000e+04	0.03	0.0	600.0	-1.253e+04	2400.72	-259.17	-8.553e+04	-7.000e+04	9.991e+05
10	75	9.991e+05	8.550e+04	-0.20	0.0	0.0	-1.760e+04	2400.72	-259.17	-8.553e+04	8.550e+04	-4.413e+05
		-4.413e+05	-7.000e+04	0.03	0.0	600.0	-1.253e+04	2400.72	-259.17	-8.553e+04	-7.000e+04	9.991e+05
10	76	9.991e+05	8.550e+04	-0.20	0.0	0.0	-1.760e+04	2400.72	-259.17	-8.553e+04	8.550e+04	-4.413e+05
		-4.413e+05	-7.000e+04	0.03	0.0	600.0	-1.253e+04	2400.72	-259.17	-8.553e+04	-7.000e+04	9.991e+05
13	3	2.696e+05	4.294e+04	0.07	0.0	0.0	-1.888e+04	1125.91	-245.77	2.657e+05	4.294e+04	-9.451e+05
		-9.451e+05	-1.045e+05	-0.02	0.0	600.0	-1.230e+04	1125.91	-245.77	2.657e+05	-1.045e+05	2.696e+05
13	4	-2.024e+05	4.136e+04	0.05	0.0	0.0	-1.492e+04	946.57	-216.56	2.207e+05	4.136e+04	-7.703e+05
		-7.703e+05	-8.858e+04	-0.01	0.0	600.0	-9858.94	946.57	-216.56	2.207e+05	-8.858e+04	-2.024e+05
13	6	-2.213e+05	-4272.47	0.04	0.0	0.0	-1.315e+04	663.07	-65.18	1.538e+05	-4272.47	-6.192e+05
		-6.192e+05	-4.338e+04	-0.02	0.0	600.0	-8084.59	663.07	-65.18	1.538e+05	-4.338e+04	-2.213e+05
13	8	-2.090e+05	2.739e+04	0.05	0.0	0.0	-1.434e+04	843.56	-170.30	1.979e+05	2.739e+04	-7.152e+05
		-7.152e+05	-7.479e+04	-0.02	0.0	600.0	-9273.96	843.56	-170.30	1.979e+05	-7.479e+04	-2.090e+05
13	9	-2.217e+05	-3027.79	0.04	0.0	0.0	-1.315e+04	654.55	-69.38	1.533e+05	-3027.79	-6.144e+05
		-6.144e+05	-4.465e+04	-0.02	0.0	600.0	-8091.06	654.55	-69.38	1.533e+05	-4.465e+04	-2.217e+05
13	11	2.514e+05	1.501e+05	-0.30	0.0	0.0	-1.247e+04	2969.64	-547.60	7.163e+04	1.501e+05	-1.533e+06
		-1.533e+06	-1.785e+05	0.08	0.0	600.0	-7407.53	2969.64	-547.60	7.163e+04	-1.785e+05	2.514e+05
13	12	3.038e+05	8.919e+04	0.31	0.0	0.0	-1.384e+04	-1660.53	408.84	2.350e+05	-1.562e+05	3.038e+05
		-6.948e+05	-1.562e+05	-0.12	0.0	600.0	-8774.59	-1660.53	408.84	2.350e+05	8.919e+04	-6.948e+05
13	26	-1.931e+05	1.803e+05	-0.13	0.0	0.0	-1.156e+04	741.32	732.42	1.506e+05	-2.592e+05	-6.353e+05
		-6.353e+05	-2.592e+05	-0.18	0.0	600.0	-6502.26	741.32	732.42	1.506e+05	1.803e+05	-1.931e+05
13	29	-2.503e+05	2.531e+05	0.15	0.0	0.0	-1.474e+04	567.79	-871.18	1.560e+05	2.531e+05	-5.935e+05
		-5.935e+05	-2.696e+05	0.14	0.0	600.0	-9679.86	567.79	-871.18	1.560e+05	-2.696e+05	-2.503e+05
13	31	-2.238e+04	2.966e+05	0.04	0.0	0.0	-1.416e+04	1692.62	-1006.93	1.172e+05	2.966e+05	-1.041e+06
		-1.041e+06	-3.076e+05	0.17	0.0	600.0	-9094.44	1692.62	-1006.93	1.172e+05	-3.076e+05	-2.238e+04
13	43	2.514e+05	1.501e+05	-0.30	0.0	0.0	-1.247e+04	2969.64	-547.60	7.163e+04	1.501e+05	-1.533e+06
		-1.533e+06	-1.785e+05	0.08	0.0	600.0	-7407.53	2969.64	-547.60	7.163e+04	-1.785e+05	2.514e+05
13	44	3.038e+05	8.919e+04	0.31	0.0	0.0	-1.384e+04	-1660.53	408.84	2.350e+05	-1.562e+05	3.038e+05
		-6.948e+05	-1.562e+05	-0.12	0.0	600.0	-8774.59	-1660.53	408.84	2.350e+05	8.919e+04	-6.948e+05
13	58	-1.931e+05	1.803e+05	-0.13	0.0	0.0	-1.156e+04	741.32	732.42	1.506e+05	-2.592e+05	-6.353e+05
		-6.353e+05	-2.592e+05	-0.18	0.0	600.0	-6502.26	741.32	732.42	1.506e+05	1.803e+05	-1.931e+05
13	61	-2.503e+05	2.531e+05	0.15	0.0	0.0	-1.474e+04	567.79	-871.18	1.560e+05	2.531e+05	-5.935e+05
		-5.935e+05	-2.696e+05	0.14	0.0	600.0	-9679.86	567.79	-871.18	1.560e+05	-2.696e+05	-2.503e+05
13	63	-2.238e+04	2.966e+05	0.04	0.0	0.0	-1.416e+04	1692.62	-1006.93	1.172e+05	2.966e+05	-1.041e+06
		-1.041e+06	-3.076e+05	0.17	0.0	600.0	-9094.44	1692.62	-1006.93	1.172e+05	-3.076e+05	-2.238e+04
13	74	-2.217e+05	-3027.79	0.04	0.0	0.0	-1.315e+04	654.55	-69.38	1.533e+05	-3027.79	-6.144e+05
		-6.144e+05	-4.465e+04	-0.02	0.0	600.0	-8091.06	654.55	-69.38	1.533e+05	-4.465e+04	-2.217e+05
13	75	-2.217e+05	-3027.79	0.04	0.0	0.0	-1.315e+04	654.55	-69.38	1.533e+05	-3027.79	-6.144e+05
		-6.144e+05	-4.465e+04	-0.02	0.0	600.0	-8091.06	654.55	-69.38	1.533e+05	-4.465e+04	-2.217e+05
13	76	-2.217e+05	-3027.79	0.04	0.0	0.0	-1.315e+04	654.55	-69.38	1.533e+05	-3027.79	-6.144e+05
		-6.144e+05	-4.465e+04	-0.02	0.0	600.0	-8091.06	654.55	-69.38	1.533e+05	-4.465e+04	-2.217e+05
15	1	4.808e+04	5.731e+04	0.07	0.0	0.0	-3000.90	-284.91	295.58	-396.34	-4.910e+04	4.808e+04
		-5.449e+04	-4.910e+04	0.03	0.0	360.0	-1947.90	-284.91	295.58	-396.34	5.731e+04	-5.449e+04
15	3	5.415e+04	4.448e+04	0.07	0.0	0.0	-2607.78	-313.47	228.68	132.57	-3.784e+04	5.415e+04
		-5.870e+04	-3.784e+04	0.03	0.0	360.0	-1554.78	-313.47	228.68	132.57	4.448e+04	-5.870e+04
15	4	4.329e+04	3.251e+04	0.06	0.0	0.0	-1952.26	-249.64	166.86	190.75	-2.756e+04	4.329e+04
		-4.658e+04	-2.756e+04	0.03	0.0	360.0	-1142.26	-249.64	166.86	190.75	3.251e+04	-4.658e+04
15	7	3.677e+04	4.225e+04	0.05	0.0	0.0	-2255.56	-217.13	217.93	-274.16	-3.621e+04	3.677e+04
		-4.140e+04	-3.621e+04	0.03	0.0	360.0	-1445.56	-217.13	217.93	-274.16	4.225e+04	-4.140e+04
15	8	4.082e+04	3.370e+04	0.05	0.0	0.0	-1993.48	-236.17	173.32	78.46	-2.870e+04	4.082e+04
		-4.421e+04	-2.870e+04	0.03	0.0	360.0	-1183.48	-236.17	173.32	78.46	3.370e+04	-4.421e+04
15	20	9.683e+04	6.589e+04	0.15	0.0	0.0	-1914.78	-548.09	356.42	-2205.69	-6.243e+04	9.683e+04
		-1.005e+05	-6.243e+04	-0.04	0.0	360.0	-1104.78	-548.09	356.42	-2205.69	6.589e+04	-1.005e+05
15	38	-1361.18	8.638e+04	-0.02	0.0	0.0	-2938.76	0.64	472.64	-155.94	-8.377e+04	-1593.35
		-1593.35	-8.377e+04	-0.08	0.0	360.0	-2128.76	0.64	472.64	-155.94	8.638e+04	-1361.18

15	40	2.777e+04	9.608e+04	0.04	0.0	0.0	-2744.04	-162.79	527.79	-1280.51	-9.393e+04	2.777e+04
		-3.083e+04	-9.393e+04	-0.10	0.0	360.0	-1934.04	-162.79	527.79	-1280.51	9.608e+04	-3.083e+04
15	41	7.304e+04	2.465e+04	0.11	0.0	0.0	-1119.47	-416.10	-117.12	-95.38	2.465e+04	7.304e+04
		-7.676e+04	-1.751e+04	0.12	0.0	360.0	-309.47	-416.10	-117.12	-95.38	-1.751e+04	-7.676e+04
15	52	9.683e+04	6.589e+04	0.15	0.0	0.0	-1914.78	-548.09	356.42	-2205.69	-6.243e+04	9.683e+04
		-1.005e+05	-6.243e+04	-0.04	0.0	360.0	-1104.78	-548.09	356.42	-2205.69	6.589e+04	-1.005e+05
15	70	-1361.18	8.638e+04	-0.02	0.0	0.0	-2938.76	0.64	472.64	-155.94	-8.377e+04	-1593.35
		-1593.35	-8.377e+04	-0.08	0.0	360.0	-2128.76	0.64	472.64	-155.94	8.638e+04	-1361.18
15	72	2.777e+04	9.608e+04	0.04	0.0	0.0	-2744.04	-162.79	527.79	-1280.51	-9.393e+04	2.777e+04
		-3.083e+04	-9.393e+04	-0.10	0.0	360.0	-1934.04	-162.79	527.79	-1280.51	9.608e+04	-3.083e+04
15	73	7.304e+04	2.465e+04	0.11	0.0	0.0	-1119.47	-416.10	-117.12	-95.38	2.465e+04	7.304e+04
		-7.676e+04	-1.751e+04	0.12	0.0	360.0	-309.47	-416.10	-117.12	-95.38	-1.751e+04	-7.676e+04
15	74	3.572e+04	3.444e+04	0.05	0.0	0.0	-2029.12	-207.73	177.76	-125.66	-2.956e+04	3.572e+04
		-3.906e+04	-2.956e+04	0.02	0.0	360.0	-1219.12	-207.73	177.76	-125.66	3.444e+04	-3.906e+04
15	75	3.572e+04	3.444e+04	0.05	0.0	0.0	-2029.12	-207.73	177.76	-125.66	-2.956e+04	3.572e+04
		-3.906e+04	-2.956e+04	0.02	0.0	360.0	-1219.12	-207.73	177.76	-125.66	3.444e+04	-3.906e+04
15	76	3.572e+04	3.444e+04	0.05	0.0	0.0	-2029.12	-207.73	177.76	-125.66	-2.956e+04	3.572e+04
		-3.906e+04	-2.956e+04	0.02	0.0	360.0	-1219.12	-207.73	177.76	-125.66	3.444e+04	-3.906e+04
17	1	5.993e+04	3.026e+04	0.07	0.0	0.0	-3522.15	-336.40	142.46	1847.74	-2.103e+04	5.993e+04
		-6.117e+04	-2.103e+04	0.05	0.0	360.0	-2469.15	-336.40	142.46	1847.74	3.026e+04	-6.117e+04
17	3	6.697e+04	1.393e+04	0.07	0.0	0.0	-3104.99	-376.59	58.26	2744.69	-7046.15	6.697e+04
		-6.860e+04	-7046.15	0.05	0.0	360.0	-2051.99	-376.59	58.26	2744.69	1.393e+04	-6.860e+04
17	4	5.325e+04	8136.88	0.06	0.0	0.0	-2339.10	-299.42	31.22	2292.43	-3102.64	5.325e+04
		-5.454e+04	-3102.64	0.04	0.0	360.0	-1529.10	-299.42	31.22	2292.43	8136.88	-5.454e+04
17	7	4.606e+04	2.156e+04	0.05	0.0	0.0	-2645.13	-258.69	101.12	1449.75	-1.484e+04	4.606e+04
		-4.707e+04	-1.484e+04	0.04	0.0	360.0	-1835.13	-258.69	101.12	1449.75	2.156e+04	-4.707e+04
17	8	5.076e+04	1.067e+04	0.05	0.0	0.0	-2367.02	-285.49	44.99	2047.71	-5520.52	5.076e+04
		-5.202e+04	-5520.52	0.04	0.0	360.0	-1557.02	-285.49	44.99	2047.71	1.067e+04	-5.202e+04
17	20	1.048e+05	3652.07	0.15	0.0	0.0	-2837.19	-583.58	-6.22	5006.75	3652.07	1.048e+05
		-1.053e+05	1413.08	-0.04	0.0	360.0	-2027.19	-583.58	-6.22	5006.75	1413.08	-1.053e+05
17	38	9786.70	7.723e+04	-0.02	0.0	0.0	-2862.62	-58.48	419.62	-1487.53	-7.384e+04	9786.70
		-1.126e+04	-7.384e+04	-0.06	0.0	360.0	-2052.62	-58.48	419.62	-1487.53	7.723e+04	-1.126e+04
17	39	5.345e+04	3.899e+04	0.06	0.0	0.0	-1688.51	-300.71	-198.57	3202.88	3.899e+04	5.345e+04
		-5.480e+04	-3.249e+04	0.15	0.0	360.0	-878.51	-300.71	-198.57	3202.88	-3.249e+04	-5.480e+04
17	40	3.812e+04	6.094e+04	0.04	0.0	0.0	-3045.68	-214.88	328.49	-42.82	-5.732e+04	3.812e+04
		-3.924e+04	-5.732e+04	-0.08	0.0	360.0	-2235.68	-214.88	328.49	-42.82	6.094e+04	-3.924e+04
17	52	1.048e+05	3652.07	0.15	0.0	0.0	-2837.19	-583.58	-6.22	5006.75	3652.07	1.048e+05
		-1.053e+05	1413.08	-0.04	0.0	360.0	-2027.19	-583.58	-6.22	5006.75	1413.08	-1.053e+05
17	70	9786.70	7.723e+04	-0.02	0.0	0.0	-2862.62	-58.48	419.62	-1487.53	-7.384e+04	9786.70
		-1.126e+04	-7.384e+04	-0.06	0.0	360.0	-2052.62	-58.48	419.62	-1487.53	7.723e+04	-1.126e+04
17	71	5.345e+04	3.899e+04	0.06	0.0	0.0	-1688.51	-300.71	-198.57	3202.88	3.899e+04	5.345e+04
		-5.480e+04	-3.249e+04	0.15	0.0	360.0	-878.51	-300.71	-198.57	3202.88	-3.249e+04	-5.480e+04
17	72	3.812e+04	6.094e+04	0.04	0.0	0.0	-3045.68	-214.88	328.49	-42.82	-5.732e+04	3.812e+04
		-3.924e+04	-5.732e+04	-0.08	0.0	360.0	-2235.68	-214.88	328.49	-42.82	6.094e+04	-3.924e+04
17	74	4.578e+04	1.423e+04	0.05	0.0	0.0	-2367.09	-257.79	64.96	1580.03	-9161.10	4.578e+04
		-4.702e+04	-9161.10	0.03	0.0	360.0	-1557.09	-257.79	64.96	1580.03	1.423e+04	-4.702e+04
17	75	4.578e+04	1.423e+04	0.05	0.0	0.0	-2367.09	-257.79	64.96	1580.03	-9161.10	4.578e+04
		-4.702e+04	-9161.10	0.03	0.0	360.0	-1557.09	-257.79	64.96	1580.03	1.423e+04	-4.702e+04
17	76	4.578e+04	1.423e+04	0.05	0.0	0.0	-2367.09	-257.79	64.96	1580.03	-9161.10	4.578e+04
		-4.702e+04	-9161.10	0.03	0.0	360.0	-1557.09	-257.79	64.96	1580.03	1.423e+04	-4.702e+04
18	1	1.740e+04	4.998e+04	0.05	0.0	0.0	-5514.11	120.89	256.98	662.14	-4.253e+04	-2.612e+04
		-2.612e+04	-4.253e+04	-0.07	0.0	360.0	-4572.26	120.89	256.98	662.14	4.998e+04	1.740e+04
18	3	4672.95	4.961e+04	0.05	0.0	0.0	-4791.93	43.95	257.83	1261.05	-4.321e+04	-1.115e+04
		-1.115e+04	-4.321e+04	-0.06	0.0	360.0	-3850.08	43.95	257.83	1261.05	4.961e+04	4672.95
18	6	7685.91	3.552e+04	0.03	0.0	0.0	-3530.82	56.59	184.57	651.51	-3.093e+04	-1.269e+04
		-1.269e+04	-3.093e+04	-0.05	0.0	360.0	-2806.32	56.59	184.57	651.51	3.552e+04	7685.91
18	7	1.238e+04	3.795e+04	0.04	0.0	0.0	-4118.63	86.58	195.49	532.49	-3.242e+04	-1.879e+04
		-1.879e+04	-3.242e+04	-0.05	0.0	360.0	-3394.13	86.58	195.49	532.49	3.795e+04	1.238e+04
18	8	3894.50	3.771e+04	0.04	0.0	0.0	-3637.18	35.28	196.05	931.76	-3.287e+04	-8808.06
		-8808.06	-3.287e+04	-0.05	0.0	360.0	-2912.68	35.28	196.05	931.76	3.771e+04	3894.50
18	9	8146.39	3.571e+04	0.03	0.0	0.0	-3583.73	59.52	185.41	643.64	-3.104e+04	-1.328e+04
		-1.328e+04	-3.104e+04	-0.05	0.0	360.0	-2859.23	59.52	185.41	643.64	3.571e+04	8146.39
18	20	6.203e+04	7.059e+04	-0.04	0.0	0.0	-3865.72	366.48	372.92	2715.45	-6.366e+04	-6.990e+04
		-6.990e+04	-6.366e+04	-0.14	0.0	360.0	-3141.22	366.48	372.92	2715.45	7.059e+04	6.203e+04
18	34	7.123e+04	3.679e+04	-0.06	0.0	0.0	-2888.93	421.78	85.88	-13.43	-1.371e+04	-8.062e+04
		-8.062e+04	-1.371e+04	-0.02	0.0	360.0	-2164.43	421.78	85.88	-13.43	3.679e+04	7.123e+04
18	37	5.406e+04	3.462e+04	0.12	0.0	0.0	-4278.53	-302.74	284.93	1300.71	-4.836e+04	-5.406e+04
		-5.493e+04	-4.836e+04	-0.09	0.0	360.0	-3554.03	-302.74	284.93	1300.71	3.462e+04	-5.493e+04
18	40	9.061e+04	5.438e+04	-0.08	0.0	0.0	-3152.58	531.97	180.50	94.52	-3.019e+04	-1.009e+05
		-1.009e+05	-3.019e+04	-0.05	0.0	360.0	-2428.08	531.97	180.50	94.52	5.438e+04	9.061e+04
18	52	6.203e+04	7.059e+04	-0.04	0.0	0.0	-3865.72	366.48	372.92	2715.45	-6.366e+04	-6.990e+04
		-6.990e+04	-6.366e+04	-0.14	0.0	360.0	-3141.22	366.48	372.92	2715.45	7.059e+04	6.203e+04
18	66	7.123e+04	3.679e+04	-0.06	0.0	0.0	-2888.93	421.78	85.88	-13.43	-1.371e+04	-8.062e+04
		-8.062e+04	-1.371e+04	-0.02	0.0	360.0	-2164.43	421.78	85.88	-13.43	3.679e+04	7.123e+04
18	69	5.406e+04	3.462e+04	0.12	0.0	0.0	-4278.53	-302.74	284.93	1300.71	-4.836e+04	-5.406e+04
		-5.493e+04	-4.836e+04	-0.09	0.0	360.0	-3554.03	-302.74	284.93	1300.71	3.462e+04	-5.493e+04
18	72	9.061e+04	5.438e+04	-0.08	0.0	0.0	-3152.58	531.97	180.50	94.52	-3.019e+04	-1.009e+05

		-1.009e+05	-3.019e+04	-0.05	0.0	360.0	-2428.08	531.97	180.50	94.52	5.438e+04	9.061e+04
18	74	8146.39	3.571e+04	0.03	0.0	0.0	-3583.73	59.52	185.41	643.64	-3.104e+04	-1.328e+04
		-1.328e+04	-3.104e+04	-0.05	0.0	360.0	-2859.23	59.52	185.41	643.64	3.571e+04	8146.39
18	75	8146.39	3.571e+04	0.03	0.0	0.0	-3583.73	59.52	185.41	643.64	-3.104e+04	-1.328e+04
		-1.328e+04	-3.104e+04	-0.05	0.0	360.0	-2859.23	59.52	185.41	643.64	3.571e+04	8146.39
18	76	8146.39	3.571e+04	0.03	0.0	0.0	-3583.73	59.52	185.41	643.64	-3.104e+04	-1.328e+04
		-1.328e+04	-3.104e+04	-0.05	0.0	360.0	-2859.23	59.52	185.41	643.64	3.571e+04	8146.39
20	1	5.411e+04	6591.38	0.06	0.0	0.0	-1.620e+04	-348.52	27.92	1621.22	-3459.01	5.411e+04
		-7.135e+04	-3459.01	0.03	0.0	360.0	-1.514e+04	-348.52	27.92	1621.22	6591.38	-7.135e+04
20	3	5.978e+04	2570.09	0.06	0.0	0.0	-1.282e+04	-370.16	2.36	2403.50	1720.38	5.978e+04
		-7.347e+04	1720.38	0.03	0.0	360.0	-1.177e+04	-370.16	2.36	2403.50	2570.09	-7.347e+04
20	4	4.747e+04	2305.07	0.05	0.0	0.0	-9459.54	-291.80	-3.18	2005.38	2305.07	4.747e+04
		-5.757e+04	1158.75	0.03	0.0	360.0	-8649.54	-291.80	-3.18	2005.38	1158.75	-5.757e+04
20	7	4.159e+04	4755.70	0.05	0.0	0.0	-1.194e+04	-266.42	19.35	1273.18	-2211.78	4.159e+04
		-5.432e+04	-2211.78	0.03	0.0	360.0	-1.113e+04	-266.42	19.35	1273.18	4755.70	-5.432e+04
20	8	4.537e+04	2074.84	0.05	0.0	0.0	-9695.06	-280.84	2.32	1794.70	1241.15	4.537e+04
		-5.573e+04	1241.15	0.03	0.0	360.0	-8885.06	-280.84	2.32	1794.70	2074.84	-5.573e+04
20	19	1.930e+04	4.469e+04	-0.05	0.0	0.0	-9930.07	139.11	-234.70	-2757.61	4.469e+04	-3.078e+04
		-3.078e+04	-3.981e+04	0.08	0.0	360.0	-9120.07	139.11	-234.70	-2757.61	-3.981e+04	1.930e+04
20	20	1.132e+05	4.694e+04	0.14	0.0	0.0	-9510.66	-655.04	256.91	5543.94	-8.555e+04	1.132e+05
		-1.226e+05	-4.555e+04	-0.04	0.0	360.0	-8700.66	-655.04	256.91	5543.94	4.694e+04	-1.226e+05
20	39	4.338e+04	8.542e+04	0.05	0.0	0.0	-9892.47	-269.33	-452.54	2933.60	8.542e+04	4.338e+04
		-5.358e+04	-7.750e+04	0.14	0.0	360.0	-9082.47	-269.33	-452.54	2933.60	-7.750e+04	-5.358e+04
20	40	3.908e+04	8.463e+04	0.04	0.0	0.0	-9548.26	-246.61	474.74	-147.27	-8.628e+04	3.908e+04
		-4.969e+04	-8.628e+04	-0.10	0.0	360.0	-8738.26	-246.61	474.74	-147.27	8.463e+04	-4.969e+04
20	51	1.930e+04	4.469e+04	-0.05	0.0	0.0	-9930.07	139.11	-234.70	-2757.61	4.469e+04	-3.078e+04
		-3.078e+04	-3.981e+04	0.08	0.0	360.0	-9120.07	139.11	-234.70	-2757.61	-3.981e+04	1.930e+04
20	52	1.132e+05	4.694e+04	0.14	0.0	0.0	-9510.66	-655.04	256.91	5543.94	-8.555e+04	1.132e+05
		-1.226e+05	-4.555e+04	-0.04	0.0	360.0	-8700.66	-655.04	256.91	5543.94	4.694e+04	-1.226e+05
20	71	4.338e+04	8.542e+04	0.05	0.0	0.0	-9892.47	-269.33	-452.54	2933.60	8.542e+04	4.338e+04
		-5.358e+04	-7.750e+04	0.14	0.0	360.0	-9082.47	-269.33	-452.54	2933.60	-7.750e+04	-5.358e+04
20	72	3.908e+04	8.463e+04	0.04	0.0	0.0	-9548.26	-246.61	474.74	-147.27	-8.628e+04	3.908e+04
		-4.969e+04	-8.628e+04	-0.10	0.0	360.0	-8738.26	-246.61	474.74	-147.27	8.463e+04	-4.969e+04
20	74	4.123e+04	3565.26	0.05	0.0	0.0	-9720.36	-257.97	11.10	1393.16	-431.42	4.123e+04
		-5.164e+04	-431.42	0.02	0.0	360.0	-8910.36	-257.97	11.10	1393.16	3565.26	-5.164e+04
20	75	4.123e+04	3565.26	0.05	0.0	0.0	-9720.36	-257.97	11.10	1393.16	-431.42	4.123e+04
		-5.164e+04	-431.42	0.02	0.0	360.0	-8910.36	-257.97	11.10	1393.16	3565.26	-5.164e+04
20	76	4.123e+04	3565.26	0.05	0.0	0.0	-9720.36	-257.97	11.10	1393.16	-431.42	4.123e+04
		-5.164e+04	-431.42	0.02	0.0	360.0	-8910.36	-257.97	11.10	1393.16	3565.26	-5.164e+04
21	1	2.153e+04	1.243e+04	0.06	0.0	0.0	-1.221e+04	84.04	75.37	2949.55	-1.470e+04	-8721.60
		-8721.60	-1.470e+04	0.02	0.0	360.0	-1.116e+04	84.04	75.37	2949.55	1.243e+04	2.153e+04
21	6	6510.92	8342.99	0.04	0.0	0.0	-7188.51	17.00	46.63	2803.95	-8445.16	390.44
		390.44	-8445.16	4.96e-03	0.0	360.0	-6378.51	17.00	46.63	2803.95	8342.99	6510.92
21	7	1.479e+04	9333.74	0.05	0.0	0.0	-9009.98	56.22	55.87	2360.46	-1.078e+04	-5448.35
		-5448.35	-1.078e+04	0.01	0.0	360.0	-8199.98	56.22	55.87	2360.46	9333.74	1.479e+04
21	9	7322.90	8470.84	0.04	0.0	0.0	-7354.79	20.89	47.75	2766.02	-8720.41	-198.29
		-198.29	-8720.41	5.45e-03	0.0	360.0	-6544.79	20.89	47.75	2766.02	8470.84	7322.90
21	18	8.170e+04	9576.18	-0.03	0.0	0.0	-6160.84	433.39	65.94	24.99	-1.336e+04	-7.432e+04
		-7.432e+04	-1.336e+04	1.92e-03	0.0	360.0	-5350.84	433.39	65.94	24.99	9576.18	8.170e+04
21	34	4.799e+04	3.436e+04	-0.01	0.0	0.0	-5720.62	246.17	302.34	1226.44	-7.057e+04	-4.063e+04
		-4.063e+04	-7.057e+04	-0.11	0.0	360.0	-4910.62	246.17	302.34	1226.44	3.436e+04	4.799e+04
21	37	4.023e+04	5.313e+04	0.09	0.0	0.0	-8988.97	-204.39	-206.83	4305.60	5.313e+04	4.023e+04
		-3.335e+04	-1.741e+04	0.12	0.0	360.0	-8178.97	-204.39	-206.83	4305.60	-1.741e+04	-3.335e+04
21	38	4.821e+04	3.436e+04	-0.01	0.0	0.0	-5691.76	247.33	271.94	-9.28	-6.338e+04	-4.084e+04
		-4.084e+04	-6.338e+04	-0.11	0.0	360.0	-4881.76	247.33	271.94	-9.28	3.436e+04	4.821e+04
21	41	4.044e+04	4.594e+04	0.09	0.0	0.0	-9017.83	-205.55	-176.43	5541.32	4.594e+04	4.044e+04
		-3.356e+04	-1.742e+04	0.12	0.0	360.0	-8207.83	-205.55	-176.43	5541.32	-1.742e+04	-3.356e+04
21	50	8.170e+04	9576.18	-0.03	0.0	0.0	-6160.84	433.39	65.94	24.99	-1.336e+04	-7.432e+04
		-7.432e+04	-1.336e+04	1.92e-03	0.0	360.0	-5350.84	433.39	65.94	24.99	9576.18	8.170e+04
21	66	4.799e+04	3.436e+04	-0.01	0.0	0.0	-5720.62	246.17	302.34	1226.44	-7.057e+04	-4.063e+04
		-4.063e+04	-7.057e+04	-0.11	0.0	360.0	-4910.62	246.17	302.34	1226.44	3.436e+04	4.799e+04
21	69	4.023e+04	5.313e+04	0.09	0.0	0.0	-8988.97	-204.39	-206.83	4305.60	5.313e+04	4.023e+04
		-3.335e+04	-1.741e+04	0.12	0.0	360.0	-8178.97	-204.39	-206.83	4305.60	-1.741e+04	-3.335e+04
21	70	4.821e+04	3.436e+04	-0.01	0.0	0.0	-5691.76	247.33	271.94	-9.28	-6.338e+04	-4.084e+04
		-4.084e+04	-6.338e+04	-0.11	0.0	360.0	-4881.76	247.33	271.94	-9.28	3.436e+04	4.821e+04
21	73	4.044e+04	4.594e+04	0.09	0.0	0.0	-9017.83	-205.55	-176.43	5541.32	4.594e+04	4.044e+04
		-3.356e+04	-1.742e+04	0.12	0.0	360.0	-8207.83	-205.55	-176.43	5541.32	-1.742e+04	-3.356e+04
21	74	7322.90	8470.84	0.04	0.0	0.0	-7354.79	20.89	47.75	2766.02	-8720.41	-198.29
		-198.29	-8720.41	5.45e-03	0.0	360.0	-6544.79	20.89	47.75	2766.02	8470.84	7322.90
21	75	7322.90	8470.84	0.04	0.0	0.0	-7354.79	20.89	47.75	2766.02	-8720.41	-198.29
		-198.29	-8720.41	5.45e-03	0.0	360.0	-6544.79	20.89	47.75	2766.02	8470.84	7322.90
21	76	7322.90	8470.84	0.04	0.0	0.0	-7354.79	20.89	47.75	2766.02	-8720.41	-198.29
		-198.29	-8720.41	5.45e-03	0.0	360.0	-6544.79	20.89	47.75	2766.02	8470.84	7322.90
22	1	8.069e+04	2.573e+04	0.01	0.0	0.0	-5770.03	-2248.33	151.73	1.113e+04	1.966e+04	8.069e+04
		-9245.40	1.966e+04	3.73e-03	0.0	40.0	-6563.03	-2248.33	151.73	1.113e+04	2.573e+04	-9245.40
22	3	6.424e+04	2.343e+04	8.50e-03	0.0	0.0	-6050.99	-1653.03	155.96	1.279e+04	1.719e+04	6.424e+04
		-1884.07	1.719e+04	1.79e-03	0.0	40.0	-5933.99	-1653.03	155.96	1.279e+04	2.343e+04	-1884.07

22	6	4.828e+04	1.828e+04	6.46e-03	0.0	0.0	-4315.72	-1288.95	137.12	8536.48	1.279e+04	4.828e+04
		-3275.70	1.279e+04	1.37e-03	0.0	40.0	-4225.72	-1288.95	137.12	8536.48	1.828e+04	-3275.70
22	7	5.971e+04	1.951e+04	7.74e-03	0.0	0.0	-4416.83	-1653.87	119.74	8543.37	1.472e+04	5.971e+04
		-6440.31	1.472e+04	2.61e-03	0.0	40.0	-4326.83	-1653.87	119.74	8543.37	1.951e+04	-6440.31
22	8	4.875e+04	1.798e+04	6.47e-03	0.0	0.0	-4604.14	-1257.00	122.57	9655.25	1.307e+04	4.875e+04
		-1532.76	1.307e+04	1.32e-03	0.0	40.0	-4514.14	-1257.00	122.57	9655.25	1.798e+04	-1532.76
22	9	4.925e+04	1.843e+04	6.58e-03	0.0	0.0	-4325.62	-1320.59	136.53	8560.37	1.297e+04	4.925e+04
		-3575.80	1.297e+04	1.48e-03	0.0	40.0	-4235.62	-1320.59	136.53	8560.37	1.843e+04	-3575.80
22	19	-1.140e+04	2.172e+04	3.12e-03	0.0	0.0	-2621.43	253.98	131.34	1.208e+04	1.743e+04	-2.028e+04
		-2.028e+04	1.743e+04	7.14e-03	0.0	40.0	-2531.43	253.98	131.34	1.208e+04	2.172e+04	-1.140e+04
22	20	1.188e+05	1.514e+04	0.01	0.0	0.0	-6029.82	-2895.17	141.72	5043.69	8503.32	1.188e+05
		4248.39	8503.32	-4.19e-03	0.0	40.0	-5939.82	-2895.17	141.72	5043.69	1.514e+04	4248.39
22	38	6.731e+04	3.583e+04	0.02	0.0	0.0	-6128.19	-1936.03	565.74	3.199e+04	1.255e+04	6.731e+04
		-1.375e+04	1.255e+04	-5.57e-03	0.0	40.0	-6038.19	-1936.03	565.74	3.199e+04	3.583e+04	-1.375e+04
22	39	1011.11	1.575e+04	-9.36e-03	0.0	0.0	-1876.03	8.79	-230.24	-9050.30	1.575e+04	-1418.14
		-1418.14	5421.01	0.01	0.0	40.0	-1786.03	8.79	-230.24	-9050.30	5421.01	1011.11
22	40	9.991e+04	3.144e+04	0.02	0.0	0.0	-6775.21	-2649.98	503.30	2.617e+04	1.019e+04	9.991e+04
		-8162.70	1.019e+04	-7.55e-03	0.0	40.0	-6685.21	-2649.98	503.30	2.617e+04	3.144e+04	-8162.70
22	41	3.118e+04	1.339e+04	-7.73e-03	0.0	0.0	-2523.06	-705.16	-292.67	-1.487e+04	1.339e+04	3.118e+04
		6595.72	1025.93	8.52e-03	0.0	40.0	-2433.06	-705.16	-292.67	-1.487e+04	1025.93	6595.72
22	51	-1.140e+04	2.172e+04	3.12e-03	0.0	0.0	-2621.43	253.98	131.34	1.208e+04	1.743e+04	-2.028e+04
		-2.028e+04	1.743e+04	7.14e-03	0.0	40.0	-2531.43	253.98	131.34	1.208e+04	2.172e+04	-1.140e+04
22	52	1.188e+05	1.514e+04	0.01	0.0	0.0	-6029.82	-2895.17	141.72	5043.69	8503.32	1.188e+05
		4248.39	8503.32	-4.19e-03	0.0	40.0	-5939.82	-2895.17	141.72	5043.69	1.514e+04	4248.39
22	70	6.731e+04	3.583e+04	0.02	0.0	0.0	-6128.19	-1936.03	565.74	3.199e+04	1.255e+04	6.731e+04
		-1.375e+04	1.255e+04	-5.57e-03	0.0	40.0	-6038.19	-1936.03	565.74	3.199e+04	3.583e+04	-1.375e+04
22	71	1011.11	1.575e+04	-9.36e-03	0.0	0.0	-1876.03	8.79	-230.24	-9050.30	1.575e+04	-1418.14
		-1418.14	5421.01	0.01	0.0	40.0	-1786.03	8.79	-230.24	-9050.30	5421.01	1011.11
22	72	9.991e+04	3.144e+04	0.02	0.0	0.0	-6775.21	-2649.98	503.30	2.617e+04	1.019e+04	9.991e+04
		-8162.70	1.019e+04	-7.55e-03	0.0	40.0	-6685.21	-2649.98	503.30	2.617e+04	3.144e+04	-8162.70
22	73	3.118e+04	1.339e+04	-7.73e-03	0.0	0.0	-2523.06	-705.16	-292.67	-1.487e+04	1.339e+04	3.118e+04
		6595.72	1025.93	8.52e-03	0.0	40.0	-2433.06	-705.16	-292.67	-1.487e+04	1025.93	6595.72
22	74	4.925e+04	1.843e+04	6.58e-03	0.0	0.0	-4325.62	-1320.59	136.53	8560.37	1.297e+04	4.925e+04
		-3575.80	1.297e+04	1.48e-03	0.0	40.0	-4235.62	-1320.59	136.53	8560.37	1.843e+04	-3575.80
22	75	4.925e+04	1.843e+04	6.58e-03	0.0	0.0	-4325.62	-1320.59	136.53	8560.37	1.297e+04	4.925e+04
		-3575.80	1.297e+04	1.48e-03	0.0	40.0	-4235.62	-1320.59	136.53	8560.37	1.843e+04	-3575.80
22	76	4.925e+04	1.843e+04	6.58e-03	0.0	0.0	-4325.62	-1320.59	136.53	8560.37	1.297e+04	4.925e+04
		-3575.80	1.297e+04	1.48e-03	0.0	40.0	-4235.62	-1320.59	136.53	8560.37	1.843e+04	-3575.80
23	1	4.486e+04	1.866e+04	0.07	0.0	0.0	-5022.85	234.96	117.05	-18.24	-2.348e+04	-3.973e+04
		-3.973e+04	-2.348e+04	0.02	0.0	360.0	-3969.85	234.96	117.05	-18.24	1.866e+04	4.486e+04
23	6	1.408e+04	1.146e+04	0.05	0.0	0.0	-3190.15	79.69	71.30	429.83	-1.421e+04	-1.461e+04
		-1.461e+04	-1.421e+04	4.45e-03	0.0	360.0	-2380.15	79.69	71.30	429.83	1.146e+04	1.408e+04
23	7	3.094e+04	1.384e+04	0.05	0.0	0.0	-3747.18	163.07	86.68	63.59	-1.736e+04	-2.776e+04
		-2.776e+04	-1.736e+04	0.01	0.0	360.0	-2937.18	163.07	86.68	63.59	1.384e+04	3.094e+04
23	9	1.566e+04	1.170e+04	0.05	0.0	0.0	-3240.29	87.56	72.91	395.26	-1.455e+04	-1.586e+04
		-1.586e+04	-1.455e+04	4.93e-03	0.0	360.0	-2430.29	87.56	72.91	395.26	1.170e+04	1.566e+04
23	19	9.283e+04	1.279e+04	-0.06	0.0	0.0	-3706.67	543.03	-38.54	-1722.97	1.279e+04	-1.027e+05
		-1.027e+05	-1145.00	0.07	0.0	360.0	-2896.67	543.03	-38.54	-1722.97	-1145.00	9.283e+04
23	34	6.224e+04	3.595e+04	-0.02	0.0	0.0	-5072.95	359.03	286.07	-2634.92	-7.403e+04	-6.705e+04
		-6.705e+04	-7.403e+04	-0.11	0.0	360.0	-4262.95	359.03	286.07	-2634.92	3.595e+04	6.224e+04
23	37	3.532e+04	4.492e+04	0.11	0.0	0.0	-1407.62	-183.90	-140.24	3425.43	4.492e+04	3.532e+04
		-3.092e+04	-1.256e+04	0.12	0.0	360.0	-597.62	-183.90	-140.24	3425.43	-1.256e+04	-3.092e+04
23	38	6.299e+04	3.585e+04	-0.02	0.0	0.0	-5125.10	363.40	285.83	-2793.06	-6.703e+04	-6.788e+04
		-6.788e+04	-6.703e+04	-0.11	0.0	360.0	-4315.10	363.40	285.83	-2793.06	3.585e+04	6.299e+04
23	41	3.615e+04	3.793e+04	0.12	0.0	0.0	-1355.47	-188.27	-140.00	3583.57	3.793e+04	3.615e+04
		-3.167e+04	-1.246e+04	0.12	0.0	360.0	-545.47	-188.27	-140.00	3583.57	-1.246e+04	-3.167e+04
23	51	9.283e+04	1.279e+04	-0.06	0.0	0.0	-3706.67	543.03	-38.54	-1722.97	1.279e+04	-1.027e+05
		-1.027e+05	-1145.00	0.07	0.0	360.0	-2896.67	543.03	-38.54	-1722.97	-1145.00	9.283e+04
23	66	6.224e+04	3.595e+04	-0.02	0.0	0.0	-5072.95	359.03	286.07	-2634.92	-7.403e+04	-6.705e+04
		-6.705e+04	-7.403e+04	-0.11	0.0	360.0	-4262.95	359.03	286.07	-2634.92	3.595e+04	6.224e+04
23	69	3.532e+04	4.492e+04	0.11	0.0	0.0	-1407.62	-183.90	-140.24	3425.43	4.492e+04	3.532e+04
		-3.092e+04	-1.256e+04	0.12	0.0	360.0	-597.62	-183.90	-140.24	3425.43	-1.256e+04	-3.092e+04
23	70	6.299e+04	3.585e+04	-0.02	0.0	0.0	-5125.10	363.40	285.83	-2793.06	-6.703e+04	-6.788e+04
		-6.788e+04	-6.703e+04	-0.11	0.0	360.0	-4315.10	363.40	285.83	-2793.06	3.585e+04	6.299e+04
23	73	3.615e+04	3.793e+04	0.12	0.0	0.0	-1355.47	-188.27	-140.00	3583.57	3.793e+04	3.615e+04
		-3.167e+04	-1.246e+04	0.12	0.0	360.0	-545.47	-188.27	-140.00	3583.57	-1.246e+04	-3.167e+04
23	74	1.566e+04	1.170e+04	0.05	0.0	0.0	-3240.29	87.56	72.91	395.26	-1.455e+04	-1.586e+04
		-1.586e+04	-1.455e+04	4.93e-03	0.0	360.0	-2430.29	87.56	72.91	395.26	1.170e+04	1.566e+04
23	75	1.566e+04	1.170e+04	0.05	0.0	0.0	-3240.29	87.56	72.91	395.26	-1.455e+04	-1.586e+04
		-1.586e+04	-1.455e+04	4.93e-03	0.0	360.0	-2430.29	87.56	72.91	395.26	1.170e+04	1.566e+04
23	76	1.566e+04	1.170e+04	0.05	0.0	0.0	-3240.29	87.56	72.91	395.26	-1.455e+04	-1.586e+04
		-1.586e+04	-1.455e+04	4.93e-03	0.0	360.0	-2430.29	87.56	72.91	395.26	1.170e+04	1.566e+04
27	1	-1.200e+04	5.667e+04	0.05	0.0	0.0	-1.276e+04	13.97	-304.56	-5674.36	5.667e+04	-1.703e+04
		-1.703e+04	5.297e+04	0.05	0.0	360.0	-1.171e+04	13.97	-304.56	-5674.36	-5.297e+04	-1.200e+04
27	3	2.847e+04	6.490e+04	0.05	0.0	0.0	-1.168e+04	220.04	-346.85	-6237.95	6.490e+04	-5.075e+04
		-5.075e+04	-5.996e+04	0.06	0.0	360.0	-1.063e+04	220.04	-346.85	-6237.95	-5.996e+04	2.847e+04
27	4	2.871e+04	5.138e+04	0.04	0.0	0.0	-8915.48	204.81	-275.38	-4968.73	5.138e+04	-4.502e+04

		-4.502e+04	-4.776e+04	0.05	0.0	360.0	-8105.48	204.81	-275.38	-4968.73	-4.776e+04	2.871e+04
27	6	1.045e+04	4.418e+04	0.04	0.0	0.0	-8436.22	104.07	-233.84	-3895.06	4.418e+04	-2.701e+04
		-2.701e+04	-4.000e+04	0.03	0.0	360.0	-7626.22	104.07	-233.84	-3895.06	-4.000e+04	1.045e+04
27	7	-5826.24	4.361e+04	0.04	0.0	0.0	-9578.50	26.90	-233.91	-4278.90	4.361e+04	-1.551e+04
		-1.551e+04	-4.060e+04	0.04	0.0	360.0	-8768.50	26.90	-233.91	-4278.90	-4.060e+04	-5826.24
27	8	2.116e+04	4.910e+04	0.04	0.0	0.0	-8859.11	164.28	-262.10	-4654.62	4.910e+04	-3.798e+04
		-3.798e+04	-4.526e+04	0.05	0.0	360.0	-8049.11	164.28	-262.10	-4654.62	-4.526e+04	2.116e+04
27	9	8985.76	4.430e+04	0.04	0.0	0.0	-8539.60	97.12	-234.41	-3938.84	4.430e+04	-2.598e+04
		-2.598e+04	-4.009e+04	0.03	0.0	360.0	-7729.60	97.12	-234.41	-3938.84	-4.009e+04	8985.76
27	10	6.074e+04	4732.82	-0.03	0.0	0.0	-9659.06	382.64	-70.63	-6564.50	4732.82	-7.701e+04
		-7.701e+04	-5.232e+04	0.06	0.0	360.0	-8849.06	382.64	-70.63	-6564.50	-5.232e+04	6.074e+04
27	18	6.017e+04	1151.52	-0.03	0.0	0.0	-9760.54	378.99	-51.06	2199.83	1151.52	-7.626e+04
		-7.626e+04	-1.616e+04	-0.07	0.0	360.0	-8950.54	378.99	-51.06	2199.83	-1.616e+04	6.017e+04
27	21	2.431e+04	8.745e+04	0.10	0.0	0.0	-7318.67	-184.75	-417.77	-1.008e+04	8.745e+04	2.431e+04
		-4.220e+04	-6.402e+04	0.13	0.0	360.0	-6508.67	-184.75	-417.77	-1.008e+04	-6.402e+04	-4.220e+04
27	25	2.216e+04	9.052e+04	0.10	0.0	0.0	-7378.62	-172.70	-431.56	-9757.21	9.052e+04	2.216e+04
		-4.001e+04	-6.538e+04	0.14	0.0	360.0	-6568.62	-172.70	-431.56	-9757.21	-6.538e+04	-4.001e+04
27	41	5694.21	1.009e+05	0.04	0.0	0.0	-7681.37	-80.08	-456.07	-9135.57	1.009e+05	5694.21
		-2.314e+04	-6.452e+04	0.18	0.0	360.0	-6871.37	-80.08	-456.07	-9135.57	-6.452e+04	-2.314e+04
27	42	6.074e+04	4732.82	-0.03	0.0	0.0	-9659.06	382.64	-70.63	-6564.50	4732.82	-7.701e+04
		-7.701e+04	-5.232e+04	0.06	0.0	360.0	-8849.06	382.64	-70.63	-6564.50	-5.232e+04	6.074e+04
27	50	6.017e+04	1151.52	-0.03	0.0	0.0	-9760.54	378.99	-51.06	2199.83	1151.52	-7.626e+04
		-7.626e+04	-1.616e+04	-0.07	0.0	360.0	-8950.54	378.99	-51.06	2199.83	-1.616e+04	6.017e+04
27	53	2.431e+04	8.745e+04	0.10	0.0	0.0	-7318.67	-184.75	-417.77	-1.008e+04	8.745e+04	2.431e+04
		-4.220e+04	-6.402e+04	0.13	0.0	360.0	-6508.67	-184.75	-417.77	-1.008e+04	-6.402e+04	-4.220e+04
27	57	2.216e+04	9.052e+04	0.10	0.0	0.0	-7378.62	-172.70	-431.56	-9757.21	9.052e+04	2.216e+04
		-4.001e+04	-6.538e+04	0.14	0.0	360.0	-6568.62	-172.70	-431.56	-9757.21	-6.538e+04	-4.001e+04
27	73	5694.21	1.009e+05	0.04	0.0	0.0	-7681.37	-80.08	-456.07	-9135.57	1.009e+05	5694.21
		-2.314e+04	-6.452e+04	0.18	0.0	360.0	-6871.37	-80.08	-456.07	-9135.57	-6.452e+04	-2.314e+04
27	74	8985.76	4.430e+04	0.04	0.0	0.0	-8539.60	97.12	-234.41	-3938.84	4.430e+04	-2.598e+04
		-2.598e+04	-4.009e+04	0.03	0.0	360.0	-7729.60	97.12	-234.41	-3938.84	-4.009e+04	8985.76
27	75	8985.76	4.430e+04	0.04	0.0	0.0	-8539.60	97.12	-234.41	-3938.84	4.430e+04	-2.598e+04
		-2.598e+04	-4.009e+04	0.03	0.0	360.0	-7729.60	97.12	-234.41	-3938.84	-4.009e+04	8985.76
27	76	8985.76	4.430e+04	0.04	0.0	0.0	-8539.60	97.12	-234.41	-3938.84	4.430e+04	-2.598e+04
		-2.598e+04	-4.009e+04	0.03	0.0	360.0	-7729.60	97.12	-234.41	-3938.84	-4.009e+04	8985.76
30	1	3.644e+04	3.351e+04	0.05	0.0	0.0	-1.412e+04	126.42	-207.37	840.03	3.351e+04	-9067.88
		-9067.88	-4.114e+04	0.05	0.0	360.0	-1.306e+04	126.42	-207.37	840.03	-4.114e+04	3.644e+04
30	3	2.322e+04	4.034e+04	0.04	0.0	0.0	-1.184e+04	68.57	-234.54	1396.23	4.034e+04	-1463.18
		-1463.18	-4.409e+04	0.06	0.0	360.0	-1.079e+04	68.57	-234.54	1396.23	-4.409e+04	2.322e+04
30	6	1.434e+04	2.817e+04	0.03	0.0	0.0	-8689.08	35.03	-167.07	678.60	2.817e+04	1729.46
		1729.46	-3.198e+04	0.03	0.0	360.0	-7879.08	35.03	-167.07	678.60	-3.198e+04	1.434e+04
30	7	2.561e+04	2.616e+04	0.04	0.0	0.0	-1.048e+04	86.19	-160.68	652.29	2.616e+04	-5417.53
		-5417.53	-3.169e+04	0.04	0.0	360.0	-9672.86	86.19	-160.68	652.29	-3.169e+04	2.561e+04
30	8	1.679e+04	3.071e+04	0.03	0.0	0.0	-8967.79	47.62	-178.79	1023.08	3.071e+04	-347.73
		-347.73	-3.366e+04	0.04	0.0	360.0	-8157.79	47.62	-178.79	1023.08	-3.366e+04	1.679e+04
30	9	1.546e+04	2.805e+04	0.03	0.0	0.0	-8850.58	40.22	-166.78	675.24	2.805e+04	984.84
		984.84	-3.199e+04	0.03	0.0	360.0	-8040.58	40.22	-166.78	675.24	-3.199e+04	1.546e+04
30	19	8.462e+04	1.729e+04	-0.05	0.0	0.0	-7857.65	414.87	-120.58	-738.29	1.729e+04	-6.473e+04
		-6.473e+04	-2.625e+04	0.11	0.0	360.0	-7047.65	414.87	-120.58	-738.29	-2.625e+04	8.462e+04
30	20	6.670e+04	3.882e+04	0.11	0.0	0.0	-9843.50	-334.43	-212.97	2088.78	3.882e+04	6.670e+04
		-5.369e+04	-3.772e+04	-0.04	0.0	360.0	-9033.50	-334.43	-212.97	2088.78	-3.772e+04	-5.369e+04
30	41	1.306e+04	7.794e+04	0.03	0.0	0.0	-8869.92	27.23	-346.48	2880.25	7.794e+04	3252.40
		3252.40	-4.727e+04	0.13	0.0	360.0	-8059.92	27.23	-346.48	2880.25	-4.727e+04	1.306e+04
30	51	8.462e+04	1.729e+04	-0.05	0.0	0.0	-7857.65	414.87	-120.58	-738.29	1.729e+04	-6.473e+04
		-6.473e+04	-2.625e+04	0.11	0.0	360.0	-7047.65	414.87	-120.58	-738.29	-2.625e+04	8.462e+04
30	52	6.670e+04	3.882e+04	0.11	0.0	0.0	-9843.50	-334.43	-212.97	2088.78	3.882e+04	6.670e+04
		-5.369e+04	-3.772e+04	-0.04	0.0	360.0	-9033.50	-334.43	-212.97	2088.78	-3.772e+04	-5.369e+04
30	73	1.306e+04	7.794e+04	0.03	0.0	0.0	-8869.92	27.23	-346.48	2880.25	7.794e+04	3252.40
		3252.40	-4.727e+04	0.13	0.0	360.0	-8059.92	27.23	-346.48	2880.25	-4.727e+04	1.306e+04
30	74	1.546e+04	2.805e+04	0.03	0.0	0.0	-8850.58	40.22	-166.78	675.24	2.805e+04	984.84
		984.84	-3.199e+04	0.03	0.0	360.0	-8040.58	40.22	-166.78	675.24	-3.199e+04	1.546e+04
30	75	1.546e+04	2.805e+04	0.03	0.0	0.0	-8850.58	40.22	-166.78	675.24	2.805e+04	984.84
		984.84	-3.199e+04	0.03	0.0	360.0	-8040.58	40.22	-166.78	675.24	-3.199e+04	1.546e+04
30	76	1.546e+04	2.805e+04	0.03	0.0	0.0	-8850.58	40.22	-166.78	675.24	2.805e+04	984.84
		984.84	-3.199e+04	0.03	0.0	360.0	-8040.58	40.22	-166.78	675.24	-3.199e+04	1.546e+04
32	1	1.854e+05	9.883e+04	0.04	0.0	0.0	-3.619e+04	-2087.55	-504.85	6.280e+04	9.883e+04	1.854e+05
		-5.661e+05	-8.292e+04	0.04	0.0	360.0	-3.224e+04	-2087.55	-504.85	6.280e+04	-8.292e+04	-5.661e+05
32	3	1.309e+05	1.327e+05	0.03	0.0	0.0	-3.271e+04	-1289.29	-636.65	8.693e+04	1.327e+05	1.309e+05
		-3.332e+05	-9.654e+04	0.04	0.0	360.0	-2.876e+04	-1289.29	-636.65	8.693e+04	-9.654e+04	-3.332e+05
32	6	1.270e+05	1.026e+05	0.03	0.0	0.0	-2.343e+04	-1154.97	-487.51	5.128e+04	1.026e+05	1.270e+05
		-2.888e+05	-7.286e+04	0.02	0.0	360.0	-2.040e+04	-1154.97	-487.51	5.128e+04	-7.286e+04	-2.888e+05
32	7	1.406e+05	8.018e+04	0.03	0.0	0.0	-2.708e+04	-1530.70	-403.14	4.880e+04	8.018e+04	1.406e+05
		-4.105e+05	-6.494e+04	0.03	0.0	360.0	-2.404e+04	-1530.70	-403.14	4.880e+04	-6.494e+04	-4.105e+05
32	8	1.043e+05	1.027e+05	0.03	0.0	0.0	-2.475e+04	-998.53	-491.00	6.489e+04	1.027e+05	1.043e+05
		-2.552e+05	-7.402e+04	0.03	0.0	360.0	-2.172e+04	-998.53	-491.00	6.489e+04	-7.402e+04	-2.552e+05
32	9	1.269e+05	1.015e+05	0.03	0.0	0.0	-2.376e+04	-1183.08	-484.57	5.110e+04	1.015e+05	1.269e+05
		-2.990e+05	-7.295e+04	0.02	0.0	360.0	-2.072e+04	-1183.08	-484.57	5.110e+04	-7.295e+04	-2.990e+05

32	12	8.752e+05	8.060e+04	0.10	0.0	0.0	-2.363e+04	-4245.05	654.83	2.116e+04	-1.576e+05	8.752e+05
		-6.534e+05	-1.576e+05	-0.04	0.0	360.0	-2.060e+04	-4245.05	654.83	2.116e+04	8.060e+04	-6.534e+05
32	20	8.770e+05	9.107e+04	0.10	0.0	0.0	-2.359e+04	-4154.17	724.97	1.419e+04	-1.722e+05	8.770e+05
		-6.193e+05	-1.722e+05	-0.04	0.0	360.0	-2.055e+04	-4154.17	724.97	1.419e+04	9.107e+04	-6.193e+05
32	30	1.714e+05	1.748e+05	0.03	0.0	0.0	-2.513e+04	-1410.99	1302.52	3.560e+04	-2.965e+05	1.714e+05
		-3.370e+05	-2.965e+05	-0.07	0.0	360.0	-2.209e+04	-1410.99	1302.52	3.560e+04	1.748e+05	-3.370e+05
32	33	8.239e+04	4.995e+05	0.02	0.0	0.0	-2.239e+04	-955.18	-2271.66	6.659e+04	4.995e+05	8.239e+04
		-2.610e+05	-3.207e+05	0.11	0.0	360.0	-1.936e+04	-955.18	-2271.66	6.659e+04	-3.207e+05	-2.610e+05
32	39	-1.293e+05	6.532e+05	-0.01	0.0	0.0	-2.285e+04	331.90	-2994.84	7.752e+04	6.532e+05	-2.503e+05
		-2.503e+05	-4.269e+05	0.14	0.0	360.0	-1.982e+04	331.90	-2994.84	7.752e+04	-4.269e+05	-1.293e+05
32	40	5.041e+05	2.810e+05	0.06	0.0	0.0	-2.466e+04	-2698.07	2025.70	2.467e+04	-4.502e+05	5.041e+05
		-4.688e+05	-4.502e+05	-0.10	0.0	360.0	-2.163e+04	-2698.07	2025.70	2.467e+04	2.810e+05	-4.688e+05
32	44	8.752e+05	8.060e+04	0.10	0.0	0.0	-2.363e+04	-4245.05	654.83	2.116e+04	-1.576e+05	8.752e+05
		-6.534e+05	-1.576e+05	-0.04	0.0	360.0	-2.060e+04	-4245.05	654.83	2.116e+04	8.060e+04	-6.534e+05
32	52	8.770e+05	9.107e+04	0.10	0.0	0.0	-2.359e+04	-4154.17	724.97	1.419e+04	-1.722e+05	8.770e+05
		-6.193e+05	-1.722e+05	-0.04	0.0	360.0	-2.055e+04	-4154.17	724.97	1.419e+04	9.107e+04	-6.193e+05
32	62	1.714e+05	1.748e+05	0.03	0.0	0.0	-2.513e+04	-1410.99	1302.52	3.560e+04	-2.965e+05	1.714e+05
		-3.370e+05	-2.965e+05	-0.07	0.0	360.0	-2.209e+04	-1410.99	1302.52	3.560e+04	1.748e+05	-3.370e+05
32	65	8.239e+04	4.995e+05	0.02	0.0	0.0	-2.239e+04	-955.18	-2271.66	6.659e+04	4.995e+05	8.239e+04
		-2.610e+05	-3.207e+05	0.11	0.0	360.0	-1.936e+04	-955.18	-2271.66	6.659e+04	-3.207e+05	-2.610e+05
32	71	-1.293e+05	6.532e+05	-0.01	0.0	0.0	-2.285e+04	331.90	-2994.84	7.752e+04	6.532e+05	-2.503e+05
		-2.503e+05	-4.269e+05	0.14	0.0	360.0	-1.982e+04	331.90	-2994.84	7.752e+04	-4.269e+05	-1.293e+05
32	72	5.041e+05	2.810e+05	0.06	0.0	0.0	-2.466e+04	-2698.07	2025.70	2.467e+04	-4.502e+05	5.041e+05
		-4.688e+05	-4.502e+05	-0.10	0.0	360.0	-2.163e+04	-2698.07	2025.70	2.467e+04	2.810e+05	-4.688e+05
32	74	1.269e+05	1.015e+05	0.03	0.0	0.0	-2.376e+04	-1183.08	-484.57	5.110e+04	1.015e+05	1.269e+05
		-2.990e+05	-7.295e+04	0.02	0.0	360.0	-2.072e+04	-1183.08	-484.57	5.110e+04	-7.295e+04	-2.990e+05
32	75	1.269e+05	1.015e+05	0.03	0.0	0.0	-2.376e+04	-1183.08	-484.57	5.110e+04	1.015e+05	1.269e+05
		-2.990e+05	-7.295e+04	0.02	0.0	360.0	-2.072e+04	-1183.08	-484.57	5.110e+04	-7.295e+04	-2.990e+05
32	76	1.269e+05	1.015e+05	0.03	0.0	0.0	-2.376e+04	-1183.08	-484.57	5.110e+04	1.015e+05	1.269e+05
		-2.990e+05	-7.295e+04	0.02	0.0	360.0	-2.072e+04	-1183.08	-484.57	5.110e+04	-7.295e+04	-2.990e+05
36	1	4.815e+05	1.150e+05	0.03	0.0	0.0	-1.308e+04	170.52	817.56	1.284e+05	-8.124e+04	4.406e+05
		4.406e+05	8.124e+04	0.01	0.0	240.0	-1.045e+04	170.52	817.56	1.284e+05	1.150e+05	4.406e+05
36	3	4.940e+05	9.750e+04	0.03	0.0	0.0	-1.440e+04	-133.26	697.35	1.584e+05	-6.986e+04	4.940e+05
		4.620e+05	-6.986e+04	0.02	0.0	240.0	-1.177e+04	-133.26	697.35	1.584e+05	9.750e+04	4.620e+05
36	6	3.615e+05	4.843e+04	0.02	0.0	0.0	-9828.84	243.60	381.63	9.470e+04	-4.317e+04	3.030e+05
		3.030e+05	-4.317e+04	7.74e-03	0.0	240.0	-7803.84	243.60	381.63	9.470e+04	4.843e+04	3.615e+05
36	7	3.688e+05	8.186e+04	0.02	0.0	0.0	-1.002e+04	151.13	586.95	9.809e+04	-5.901e+04	3.325e+05
		3.325e+05	-5.901e+04	0.01	0.0	240.0	-7996.22	151.13	586.95	9.809e+04	8.186e+04	3.688e+05
36	8	3.681e+05	7.021e+04	0.03	0.0	0.0	-1.090e+04	-51.39	506.81	1.181e+05	-5.143e+04	3.681e+05
		3.558e+05	-5.143e+04	0.01	0.0	240.0	-8879.51	-51.39	506.81	1.181e+05	7.021e+04	3.558e+05
36	9	3.623e+05	5.077e+04	0.02	0.0	0.0	-9844.52	234.28	398.47	9.499e+04	-4.486e+04	3.061e+05
		3.061e+05	-4.486e+04	7.80e-03	0.0	240.0	-7819.52	234.28	398.47	9.499e+04	5.077e+04	3.623e+05
36	23	5.402e+05	-3.718e+04	-0.04	0.0	0.0	-1.012e+04	2260.84	-343.40	1.466e+05	-3.718e+04	-1.578e+04
		-1.578e+04	-8.961e+04	0.04	0.0	240.0	-8093.63	2260.84	-343.40	1.466e+05	-8.961e+04	5.402e+05
36	24	6.279e+05	1.911e+05	0.08	0.0	0.0	-9570.41	-1792.29	1140.33	4.341e+04	-5.255e+04	6.279e+05
		1.844e+05	-5.255e+04	-0.02	0.0	240.0	-7545.41	-1792.29	1140.33	4.341e+04	1.911e+05	1.844e+05
36	30	4.716e+05	2.374e+05	0.02	0.0	0.0	-1.112e+04	357.47	1400.29	8.637e+04	-1.538e+05	2.686e+05
		2.686e+05	-1.538e+05	-0.03	0.0	240.0	-9091.47	357.47	1400.29	8.637e+04	2.374e+05	4.716e+05
36	31	3.520e+05	9.061e+04	-0.01	0.0	0.0	-8914.87	1250.47	-896.04	1.305e+05	9.061e+04	1.619e+05
		1.619e+05	-1.868e+05	0.06	0.0	240.0	-6889.87	1250.47	-896.04	1.305e+05	-1.868e+05	3.520e+05
36	32	4.502e+05	2.883e+05	0.06	0.0	0.0	-1.077e+04	-781.92	1692.97	5.947e+04	-1.803e+05	4.502e+05
		3.726e+05	-1.803e+05	-0.04	0.0	240.0	-8749.17	-781.92	1692.97	5.947e+04	2.883e+05	3.726e+05
36	33	3.435e+05	6.408e+04	0.02	0.0	0.0	-8572.57	111.09	-603.36	1.036e+05	6.408e+04	3.435e+05
		2.530e+05	-1.359e+05	0.05	0.0	240.0	-6547.57	111.09	-603.36	1.036e+05	-1.359e+05	2.530e+05
36	55	5.402e+05	-3.718e+04	-0.04	0.0	0.0	-1.012e+04	2260.84	-343.40	1.466e+05	-3.718e+04	-1.578e+04
		-1.578e+04	-8.961e+04	0.04	0.0	240.0	-8093.63	2260.84	-343.40	1.466e+05	-8.961e+04	5.402e+05
36	56	6.279e+05	1.911e+05	0.08	0.0	0.0	-9570.41	-1792.29	1140.33	4.341e+04	-5.255e+04	6.279e+05
		1.844e+05	-5.255e+04	-0.02	0.0	240.0	-7545.41	-1792.29	1140.33	4.341e+04	1.911e+05	1.844e+05
36	62	4.716e+05	2.374e+05	0.02	0.0	0.0	-1.112e+04	357.47	1400.29	8.637e+04	-1.538e+05	2.686e+05
		2.686e+05	-1.538e+05	-0.03	0.0	240.0	-9091.47	357.47	1400.29	8.637e+04	2.374e+05	4.716e+05
36	63	3.520e+05	9.061e+04	-0.01	0.0	0.0	-8914.87	1250.47	-896.04	1.305e+05	9.061e+04	1.619e+05
		1.619e+05	-1.868e+05	0.06	0.0	240.0	-6889.87	1250.47	-896.04	1.305e+05	-1.868e+05	3.520e+05
36	64	4.502e+05	2.883e+05	0.06	0.0	0.0	-1.077e+04	-781.92	1692.97	5.947e+04	-1.803e+05	4.502e+05
		3.726e+05	-1.803e+05	-0.04	0.0	240.0	-8749.17	-781.92	1692.97	5.947e+04	2.883e+05	3.726e+05
36	65	3.435e+05	6.408e+04	0.02	0.0	0.0	-8572.57	111.09	-603.36	1.036e+05	6.408e+04	3.435e+05
		2.530e+05	-1.359e+05	0.05	0.0	240.0	-6547.57	111.09	-603.36	1.036e+05	-1.359e+05	2.530e+05
36	74	3.623e+05	5.077e+04	0.02	0.0	0.0	-9844.52	234.28	398.47	9.499e+04	-4.486e+04	3.061e+05
		3.061e+05	-4.486e+04	7.80e-03	0.0	240.0	-7819.52	234.28	398.47	9.499e+04	5.077e+04	3.623e+05
36	75	3.623e+05	5.077e+04	0.02	0.0	0.0	-9844.52	234.28	398.47	9.499e+04	-4.486e+04	3.061e+05
		3.061e+05	-4.486e+04	7.80e-03	0.0	240.0	-7819.52	234.28	398.47	9.499e+04	5.077e+04	3.623e+05
36	76	3.623e+05	5.077e+04	0.02	0.0	0.0	-9844.52	234.28	398.47	9.499e+04	-4.486e+04	3.061e+05
		3.061e+05	-4.486e+04	7.80e-03	0.0	240.0	-7819.52	234.28	398.47	9.499e+04	5.077e+04	3.623e+05
39	1	2.630e+05	1.152e+04	-0.06	0.0	0.0	-1.004e+04	1200.37	-80.40	3006.39	1.152e+04	-1.691e+05
		-1.691e+05	-1.742e+04	-7.22e-03	0.0	360.0	-8986.13	1200.37	-80.40	3006.39	-1.742e+04	2.630e+05
39	3	2.594e+05	-5800.89	-0.08	0.0	0.0	-8547.10	1233.21	3.91	4948.46	-7206.87	-1.846e+05
		-1.846e+05	-7206.87	-0.03	0.0	360.0	-7494.10	1233.21	3.91	4948.46	-5800.89	2.594e+05
39	6	1.707e+05	1438.71	-0.04	0.0	0.0	-6175.34	800.04	-27.92	2896.03	1438.71	-1.174e+05

		-1.174e+05	-8613.24	-0.02	0.0	360.0	-5365.34	800.04	-27.92	2896.03	-8613.24	1.707e+05
39	7	1.970e+05	7616.94	-0.04	0.0	0.0	-7455.54	902.59	-56.16	2411.29	7616.94	-1.280e+05
		-1.280e+05	-1.260e+04	-7.80e-03	0.0	360.0	-6645.54	902.59	-56.16	2411.29	-1.260e+04	1.970e+05
39	8	1.945e+05	-4850.63	-0.06	0.0	0.0	-6460.85	924.48	0.05	3706.00	-4867.08	-1.383e+05
		-1.383e+05	-4867.08	-0.02	0.0	360.0	-5650.85	924.48	0.05	3706.00	-4850.63	1.945e+05
39	9	1.728e+05	1915.58	-0.04	0.0	0.0	-6288.95	808.16	-30.11	2856.86	1915.58	-1.181e+05
		-1.181e+05	-8922.73	-0.02	0.0	360.0	-5478.95	808.16	-30.11	2856.86	-8922.73	1.728e+05
39	19	2.341e+05	3.537e+04	-0.12	0.0	0.0	-7171.17	1121.10	-179.28	1411.43	3.537e+04	-1.695e+05
		-1.695e+05	-2.945e+04	0.04	0.0	360.0	-6361.17	1121.10	-179.28	1411.43	-2.945e+04	2.341e+05
39	20	1.115e+05	1.160e+04	0.06	0.0	0.0	-5406.73	495.22	119.07	4302.30	-3.153e+04	-6.679e+04
		-6.679e+04	-3.153e+04	-0.07	0.0	360.0	-4596.73	495.22	119.07	4302.30	1.160e+04	1.115e+05
39	23	2.463e+05	3.483e+04	-0.12	0.0	0.0	-7164.43	1187.65	-175.88	1268.61	3.483e+04	-1.812e+05
		-1.812e+05	-2.873e+04	0.04	0.0	360.0	-6354.43	1187.65	-175.88	1268.61	-2.873e+04	2.463e+05
39	31	1.736e+05	6.050e+04	-0.08	0.0	0.0	-6787.09	804.83	-277.84	4449.47	6.050e+04	-1.161e+05
		-1.161e+05	-3.986e+04	0.09	0.0	360.0	-5977.09	804.83	-277.84	4449.47	-3.986e+04	1.736e+05
39	32	1.720e+05	2.202e+04	0.02	0.0	0.0	-5790.81	811.48	217.63	1264.25	-5.667e+04	-1.202e+05
		-1.202e+05	-5.667e+04	-0.13	0.0	360.0	-4980.81	811.48	217.63	1264.25	2.202e+04	1.720e+05
39	51	2.341e+05	3.537e+04	-0.12	0.0	0.0	-7171.17	1121.10	-179.28	1411.43	3.537e+04	-1.695e+05
		-1.695e+05	-2.945e+04	0.04	0.0	360.0	-6361.17	1121.10	-179.28	1411.43	-2.945e+04	2.341e+05
39	52	1.115e+05	1.160e+04	0.06	0.0	0.0	-5406.73	495.22	119.07	4302.30	-3.153e+04	-6.679e+04
		-6.679e+04	-3.153e+04	-0.07	0.0	360.0	-4596.73	495.22	119.07	4302.30	1.160e+04	1.115e+05
39	55	2.463e+05	3.483e+04	-0.12	0.0	0.0	-7164.43	1187.65	-175.88	1268.61	3.483e+04	-1.812e+05
		-1.812e+05	-2.873e+04	0.04	0.0	360.0	-6354.43	1187.65	-175.88	1268.61	-2.873e+04	2.463e+05
39	63	1.736e+05	6.050e+04	-0.08	0.0	0.0	-6787.09	804.83	-277.84	4449.47	6.050e+04	-1.161e+05
		-1.161e+05	-3.986e+04	0.09	0.0	360.0	-5977.09	804.83	-277.84	4449.47	-3.986e+04	1.736e+05
39	64	1.720e+05	2.202e+04	0.02	0.0	0.0	-5790.81	811.48	217.63	1264.25	-5.667e+04	-1.202e+05
		-1.202e+05	-5.667e+04	-0.13	0.0	360.0	-4980.81	811.48	217.63	1264.25	2.202e+04	1.720e+05
39	74	1.728e+05	1915.58	-0.04	0.0	0.0	-6288.95	808.16	-30.11	2856.86	1915.58	-1.181e+05
		-1.181e+05	-8922.73	-0.02	0.0	360.0	-5478.95	808.16	-30.11	2856.86	-8922.73	1.728e+05
39	75	1.728e+05	1915.58	-0.04	0.0	0.0	-6288.95	808.16	-30.11	2856.86	1915.58	-1.181e+05
		-1.181e+05	-8922.73	-0.02	0.0	360.0	-5478.95	808.16	-30.11	2856.86	-8922.73	1.728e+05
39	76	1.728e+05	1915.58	-0.04	0.0	0.0	-6288.95	808.16	-30.11	2856.86	1915.58	-1.181e+05
		-1.181e+05	-8922.73	-0.02	0.0	360.0	-5478.95	808.16	-30.11	2856.86	-8922.73	1.728e+05
41	1	1.094e+06	5.649e+05	0.04	0.0	0.0	-2.299e+04	5128.27	966.27	1.956e+05	2.171e+05	-7.525e+05
		-7.525e+05	2.171e+05	-0.01	0.0	360.0	-1.651e+04	5128.27	966.27	1.956e+05	5.649e+05	1.094e+06
41	4	6.372e+05	3.361e+05	0.02	0.0	0.0	-1.436e+04	3279.52	986.08	1.540e+05	-1.884e+04	-5.434e+05
		-5.434e+05	-1.884e+04	-0.02	0.0	360.0	-9374.47	3279.52	986.08	1.540e+05	3.361e+05	6.372e+05
41	6	6.201e+05	3.254e+05	0.03	0.0	0.0	-1.431e+04	3088.43	655.86	1.284e+05	8.926e+04	-4.917e+05
		-4.917e+05	8.926e+04	-0.02	0.0	360.0	-9324.67	3088.43	655.86	1.284e+05	3.254e+05	6.201e+05
41	7	8.029e+05	4.156e+05	0.03	0.0	0.0	-1.710e+04	3796.15	724.88	1.465e+05	1.546e+05	-5.637e+05
		-5.637e+05	1.546e+05	-0.01	0.0	360.0	-1.211e+04	3796.15	724.88	1.465e+05	4.156e+05	8.029e+05
41	8	6.482e+05	3.409e+05	0.02	0.0	0.0	-1.460e+04	3280.49	888.66	1.473e+05	2.095e+04	-5.327e+05
		-5.327e+05	2.095e+04	-0.02	0.0	360.0	-9611.73	3280.49	888.66	1.473e+05	3.409e+05	6.482e+05
41	9	6.368e+05	3.337e+05	0.03	0.0	0.0	-1.456e+04	3153.09	668.51	1.303e+05	9.301e+04	-4.983e+05
		-4.983e+05	9.301e+04	-0.02	0.0	360.0	-9578.52	3153.09	668.51	1.303e+05	3.337e+05	6.368e+05
41	10	9.169e+05	3.987e+05	-0.03	0.0	0.0	-1.604e+04	5804.50	2253.55	2.340e+05	-4.330e+05	-1.173e+06
		-1.173e+06	-4.330e+05	-0.02	0.0	360.0	-1.105e+04	5804.50	2253.55	2.340e+05	3.987e+05	9.169e+05
41	13	3.568e+05	6.191e+05	0.09	0.0	0.0	-1.309e+04	501.69	-916.54	2.650e+04	6.191e+05	1.766e+05
		1.766e+05	2.686e+05	-0.02	0.0	360.0	-8104.22	501.69	-916.54	2.650e+04	2.686e+05	3.568e+05
41	18	9.318e+05	3.980e+05	-0.03	0.0	0.0	-1.601e+04	5894.51	2368.12	2.404e+05	-4.793e+05	-1.191e+06
		-1.191e+06	-4.793e+05	-0.02	0.0	360.0	-1.103e+04	5894.51	2368.12	2.404e+05	3.980e+05	9.318e+05
41	22	9.319e+05	3.987e+05	-0.04	0.0	0.0	-1.576e+04	5455.16	2359.12	2.403e+05	-4.754e+05	-1.080e+06
		-1.080e+06	-4.754e+05	-0.02	0.0	360.0	-1.078e+04	5455.16	2359.12	2.403e+05	3.987e+05	9.319e+05
41	30	7.985e+05	4.053e+05	0.03	0.0	0.0	-1.543e+04	4668.33	3901.78	2.527e+05	-1.008e+06	-8.834e+05
		-8.834e+05	-1.008e+06	-0.11	0.0	360.0	-1.045e+04	4668.33	3901.78	2.527e+05	4.053e+05	7.985e+05
41	33	4.752e+05	1.194e+06	0.02	0.0	0.0	-1.369e+04	1637.86	-2564.77	7855.41	1.194e+06	-1.131e+05
		-1.131e+05	2.621e+05	0.08	0.0	360.0	-8706.93	1637.86	-2564.77	7855.41	2.621e+05	4.752e+05
41	42	9.169e+05	3.987e+05	-0.03	0.0	0.0	-1.604e+04	5804.50	2253.55	2.340e+05	-4.330e+05	-1.173e+06
		-1.173e+06	-4.330e+05	-0.02	0.0	360.0	-1.105e+04	5804.50	2253.55	2.340e+05	3.987e+05	9.169e+05
41	45	3.568e+05	6.191e+05	0.09	0.0	0.0	-1.309e+04	501.69	-916.54	2.650e+04	6.191e+05	1.766e+05
		1.766e+05	2.686e+05	-0.02	0.0	360.0	-8104.22	501.69	-916.54	2.650e+04	2.686e+05	3.568e+05
41	50	9.318e+05	3.980e+05	-0.03	0.0	0.0	-1.601e+04	5894.51	2368.12	2.404e+05	-4.793e+05	-1.191e+06
		-1.191e+06	-4.793e+05	-0.02	0.0	360.0	-1.103e+04	5894.51	2368.12	2.404e+05	3.980e+05	9.318e+05
41	54	9.319e+05	3.987e+05	-0.04	0.0	0.0	-1.576e+04	5455.16	2359.12	2.403e+05	-4.754e+05	-1.080e+06
		-1.080e+06	-4.754e+05	-0.02	0.0	360.0	-1.078e+04	5455.16	2359.12	2.403e+05	3.987e+05	9.319e+05
41	62	7.985e+05	4.053e+05	0.03	0.0	0.0	-1.543e+04	4668.33	3901.78	2.527e+05	-1.008e+06	-8.834e+05
		-8.834e+05	-1.008e+06	-0.11	0.0	360.0	-1.045e+04	4668.33	3901.78	2.527e+05	4.053e+05	7.985e+05
41	65	4.752e+05	1.194e+06	0.02	0.0	0.0	-1.369e+04	1637.86	-2564.77	7855.41	1.194e+06	-1.131e+05
		-1.131e+05	2.621e+05	0.08	0.0	360.0	-8706.93	1637.86	-2564.77	7855.41	2.621e+05	4.752e+05
41	74	6.368e+05	3.337e+05	0.03	0.0	0.0	-1.456e+04	3153.09	668.51	1.303e+05	9.301e+04	-4.983e+05
		-4.983e+05	9.301e+04	-0.02	0.0	360.0	-9578.52	3153.09	668.51	1.303e+05	3.337e+05	6.368e+05
41	75	6.368e+05	3.337e+05	0.03	0.0	0.0	-1.456e+04	3153.09	668.51	1.303e+05	9.301e+04	-4.983e+05
		-4.983e+05	9.301e+04	-0.02	0.0	360.0	-9578.52	3153.09	668.51	1.303e+05	3.337e+05	6.368e+05
41	76	6.368e+05	3.337e+05	0.03	0.0	0.0	-1.456e+04	3153.09	668.51	1.303e+05	9.301e+04	-4.983e+05
		-4.983e+05	9.301e+04	-0.02	0.0	360.0	-9578.52	3153.09	668.51	1.303e+05	3.337e+05	6.368e+05
43	1	8.226e+04	6.590e+04	0.07	0.0	0.0	-7350.54	-518.81	337.85	-119.38	-5.573e+04	8.226e+04
		-1.045e+05	-5.573e+04	0.03	0.0	360.0	-6297.54	-518.81	337.85	-119.38	6.590e+04	-1.045e+05

43	3	8.444e+04	5.067e+04	0.07	0.0	0.0	-5931.81	-512.30	260.42	519.40	-4.308e+04	8.444e+04
		-9.999e+04	-4.308e+04	0.03	0.0	360.0	-4878.81	-512.30	260.42	519.40	5.067e+04	-9.999e+04
43	6	5.886e+04	3.862e+04	0.05	0.0	0.0	-4388.24	-357.91	199.27	132.71	-3.312e+04	5.886e+04
		-6.999e+04	-3.312e+04	0.02	0.0	360.0	-3578.24	-357.91	199.27	132.71	3.862e+04	-6.999e+04
43	7	6.253e+04	4.858e+04	0.05	0.0	0.0	-5434.90	-392.05	249.24	-54.66	-4.115e+04	6.253e+04
		-7.861e+04	-4.115e+04	0.03	0.0	360.0	-4624.90	-392.05	249.24	-54.66	4.858e+04	-7.861e+04
43	8	6.398e+04	3.842e+04	0.06	0.0	0.0	-4489.08	-387.71	197.63	371.19	-3.272e+04	6.398e+04
		-7.560e+04	-3.272e+04	0.03	0.0	360.0	-3679.08	-387.71	197.63	371.19	3.842e+04	-7.560e+04
43	9	5.915e+04	3.957e+04	0.05	0.0	0.0	-4483.04	-360.80	204.06	119.15	-3.390e+04	5.915e+04
		-7.073e+04	-3.390e+04	0.02	0.0	360.0	-3673.04	-360.80	204.06	119.15	3.957e+04	-7.073e+04
43	20	1.242e+05	7.698e+04	0.16	0.0	0.0	-4590.77	-726.00	413.99	-1266.97	-7.206e+04	1.242e+05
		-1.372e+05	-7.206e+04	-0.04	0.0	360.0	-3780.77	-726.00	413.99	-1266.97	7.698e+04	-1.372e+05
43	26	8.600e+04	9.354e+04	0.09	0.0	0.0	-4217.47	-512.30	506.96	2527.81	-8.896e+04	8.600e+04
		-9.843e+04	-8.896e+04	-0.07	0.0	360.0	-3407.47	-512.30	506.96	2527.81	9.354e+04	-9.843e+04
43	29	3.231e+04	2.117e+04	0.01	0.0	0.0	-4748.61	-209.30	-98.83	-2289.51	2.117e+04	3.231e+04
		-4.304e+04	-1.441e+04	0.11	0.0	360.0	-3938.61	-209.30	-98.83	-2289.51	-1.441e+04	-4.304e+04
43	40	5.102e+04	1.117e+05	0.04	0.0	0.0	-4325.35	-314.35	608.74	-1961.39	-1.075e+05	5.102e+04
		-6.215e+04	-1.075e+05	-0.10	0.0	360.0	-3515.35	-314.35	608.74	-1961.39	1.117e+05	-6.215e+04
43	52	1.242e+05	7.698e+04	0.16	0.0	0.0	-4590.77	-726.00	413.99	-1266.97	-7.206e+04	1.242e+05
		-1.372e+05	-7.206e+04	-0.04	0.0	360.0	-3780.77	-726.00	413.99	-1266.97	7.698e+04	-1.372e+05
43	58	8.600e+04	9.354e+04	0.09	0.0	0.0	-4217.47	-512.30	506.96	2527.81	-8.896e+04	8.600e+04
		-9.843e+04	-8.896e+04	-0.07	0.0	360.0	-3407.47	-512.30	506.96	2527.81	9.354e+04	-9.843e+04
43	61	3.231e+04	2.117e+04	0.01	0.0	0.0	-4748.61	-209.30	-98.83	-2289.51	2.117e+04	3.231e+04
		-4.304e+04	-1.441e+04	0.11	0.0	360.0	-3938.61	-209.30	-98.83	-2289.51	-1.441e+04	-4.304e+04
43	72	5.102e+04	1.117e+05	0.04	0.0	0.0	-4325.35	-314.35	608.74	-1961.39	-1.075e+05	5.102e+04
		-6.215e+04	-1.075e+05	-0.10	0.0	360.0	-3515.35	-314.35	608.74	-1961.39	1.117e+05	-6.215e+04
43	74	5.915e+04	3.957e+04	0.05	0.0	0.0	-4483.04	-360.80	204.06	119.15	-3.390e+04	5.915e+04
		-7.073e+04	-3.390e+04	0.02	0.0	360.0	-3673.04	-360.80	204.06	119.15	3.957e+04	-7.073e+04
43	75	5.915e+04	3.957e+04	0.05	0.0	0.0	-4483.04	-360.80	204.06	119.15	-3.390e+04	5.915e+04
		-7.073e+04	-3.390e+04	0.02	0.0	360.0	-3673.04	-360.80	204.06	119.15	3.957e+04	-7.073e+04
43	76	5.915e+04	3.957e+04	0.05	0.0	0.0	-4483.04	-360.80	204.06	119.15	-3.390e+04	5.915e+04
		-7.073e+04	-3.390e+04	0.02	0.0	360.0	-3673.04	-360.80	204.06	119.15	3.957e+04	-7.073e+04
45	1	8.203e+04	8.495e+04	0.03	0.0	0.0	-6044.20	636.11	787.26	4714.96	-8.588e+04	8.203e+04
		-5.601e+04	-8.588e+04	-0.02	0.0	217.0	-5409.47	636.11	787.26	4714.96	8.495e+04	-5.601e+04
45	3	4.337e+04	1.011e+05	0.03	0.0	0.0	-5823.69	318.63	909.05	8826.86	-9.621e+04	-2.577e+04
		-2.577e+04	-9.621e+04	-0.03	0.0	217.0	-5188.97	318.63	909.05	8826.86	1.011e+05	4.337e+04
45	6	4.239e+04	6.596e+04	0.02	0.0	0.0	-4126.77	323.89	596.91	5031.69	-6.357e+04	-2.789e+04
		-2.789e+04	-6.357e+04	-0.02	0.0	217.0	-3638.51	323.89	596.91	5031.69	6.596e+04	-2.789e+04
45	7	5.944e+04	6.535e+04	0.02	0.0	0.0	-4559.03	460.04	603.02	3865.91	-6.551e+04	-4.039e+04
		-4.039e+04	-6.551e+04	-0.01	0.0	217.0	-4070.78	460.04	603.02	3865.91	6.535e+04	-4.039e+04
45	8	3.367e+04	7.608e+04	0.03	0.0	0.0	-4412.03	248.39	684.22	6607.17	-7.239e+04	-2.023e+04
		-2.023e+04	-7.239e+04	-0.02	0.0	217.0	-3923.78	248.39	684.22	6607.17	7.608e+04	-2.023e+04
45	9	4.408e+04	6.612e+04	0.02	0.0	0.0	-4165.52	337.41	599.55	4934.74	-6.398e+04	-2.914e+04
		-2.914e+04	-6.398e+04	-0.02	0.0	217.0	-3677.27	337.41	599.55	4934.74	6.612e+04	-2.914e+04
45	18	2.036e+05	1.111e+05	-0.04	0.0	0.0	-5204.20	1726.90	1025.65	-1279.90	-1.146e+05	-1.712e+05
		-1.712e+05	-1.146e+05	-0.03	0.0	217.0	-4715.95	1726.90	1025.65	-1279.90	1.111e+05	2.036e+05
45	30	1.617e+05	1.160e+05	0.04	0.0	0.0	-5170.05	1358.04	1245.83	-2048.58	-1.577e+05	-1.330e+05
		-1.330e+05	-1.577e+05	-0.10	0.0	217.0	-4681.80	1358.04	1245.83	-2048.58	1.160e+05	1.617e+05
45	34	1.310e+05	1.002e+05	-0.04	0.0	0.0	-5404.61	1097.12	1135.51	-4179.56	-1.496e+05	-1.071e+05
		-1.071e+05	-1.496e+05	-0.10	0.0	217.0	-4916.36	1097.12	1135.51	-4179.56	1.002e+05	1.310e+05
45	37	4.879e+04	3.205e+04	0.08	0.0	0.0	-2926.43	-422.29	63.59	1.405e+04	2.161e+04	4.879e+04
		-4.290e+04	2.161e+04	0.06	0.0	217.0	-2438.18	-422.29	63.59	1.405e+04	3.205e+04	-4.290e+04
45	50	2.036e+05	1.111e+05	-0.04	0.0	0.0	-5204.20	1726.90	1025.65	-1279.90	-1.146e+05	-1.712e+05
		-1.712e+05	-1.146e+05	-0.03	0.0	217.0	-4715.95	1726.90	1025.65	-1279.90	1.111e+05	2.036e+05
45	62	1.617e+05	1.160e+05	0.04	0.0	0.0	-5170.05	1358.04	1245.83	-2048.58	-1.577e+05	-1.330e+05
		-1.330e+05	-1.577e+05	-0.10	0.0	217.0	-4681.80	1358.04	1245.83	-2048.58	1.160e+05	1.617e+05
45	66	1.310e+05	1.002e+05	-0.04	0.0	0.0	-5404.61	1097.12	1135.51	-4179.56	-1.496e+05	-1.071e+05
		-1.071e+05	-1.496e+05	-0.10	0.0	217.0	-4916.36	1097.12	1135.51	-4179.56	1.002e+05	1.310e+05
45	69	4.879e+04	3.205e+04	0.08	0.0	0.0	-2926.43	-422.29	63.59	1.405e+04	2.161e+04	4.879e+04
		-4.290e+04	2.161e+04	0.06	0.0	217.0	-2438.18	-422.29	63.59	1.405e+04	3.205e+04	-4.290e+04
45	74	4.408e+04	6.612e+04	0.02	0.0	0.0	-4165.52	337.41	599.55	4934.74	-6.398e+04	-2.914e+04
		-2.914e+04	-6.398e+04	-0.02	0.0	217.0	-3677.27	337.41	599.55	4934.74	6.612e+04	-2.914e+04
45	75	4.408e+04	6.612e+04	0.02	0.0	0.0	-4165.52	337.41	599.55	4934.74	-6.398e+04	-2.914e+04
		-2.914e+04	-6.398e+04	-0.02	0.0	217.0	-3677.27	337.41	599.55	4934.74	6.612e+04	-2.914e+04
45	76	4.408e+04	6.612e+04	0.02	0.0	0.0	-4165.52	337.41	599.55	4934.74	-6.398e+04	-2.914e+04
		-2.914e+04	-6.398e+04	-0.02	0.0	217.0	-3677.27	337.41	599.55	4934.74	6.612e+04	-2.914e+04
48	1	1.295e+06	8.057e+04	-0.07	0.0	0.0	-1.969e+04	6943.81	465.62	1.242e+05	-3.117e+04	-3.714e+05
		-3.714e+05	-3.117e+04	0.01	0.0	240.0	-1.706e+04	6943.81	465.62	1.242e+05	8.057e+04	1.295e+06
48	2	9.943e+05	7.066e+04	-0.06	0.0	0.0	-1.515e+04	5337.47	396.83	9.515e+04	-2.458e+04	-2.867e+05
		-2.867e+05	-2.458e+04	0.01	0.0	240.0	-1.312e+04	5337.47	396.83	9.515e+04	7.066e+04	9.943e+05
48	3	1.701e+06	7.203e+04	-0.08	0.0	0.0	-2.372e+04	9351.20	401.14	1.615e+05	-2.424e+04	-5.432e+05
		-5.432e+05	-2.424e+04	0.01	0.0	240.0	-2.109e+04	9351.20	401.14	1.615e+05	7.203e+04	1.701e+06
48	7	9.966e+05	5.548e+04	-0.05	0.0	0.0	-1.517e+04	5346.46	320.28	9.572e+04	-2.139e+04	-2.866e+05
		-2.866e+05	-2.139e+04	9.82e-03	0.0	240.0	-1.315e+04	5346.46	320.28	9.572e+04	5.548e+04	9.966e+05
48	8	1.267e+06	4.978e+04	-0.06	0.0	0.0	-1.786e+04	6951.38	277.29	1.206e+05	-1.677e+04	-4.011e+05
		-4.011e+05	-1.677e+04	0.01	0.0	240.0	-1.584e+04	6951.38	277.29	1.206e+05	4.978e+04	1.267e+06
48	19	1.099e+06	3.709e+04	-0.15	0.0	0.0	-1.595e+04	7702.97	268.68	1.888e+05	-9.571e+04	-7.861e+05

		-7.861e+05	-9.571e+04	0.04	0.0	240.0	-1.392e+04	7702.97	268.68	1.888e+05	3.709e+04	1.099e+06
48	20	9.023e+05	7.165e+04	0.05	0.0	0.0	-1.456e+04	3034.41	12.41	4925.39	7.165e+04	2.100e+05
		2.100e+05	6316.44	-0.02	0.0	240.0	-1.253e+04	3034.41	12.41	4925.39	6316.44	9.023e+05
48	22	1.082e+06	2.178e+05	-0.14	0.0	0.0	-1.594e+04	8074.24	1027.45	1.997e+05	-1.371e+04	-8.678e+05
		-8.678e+05	-1.371e+04	9.97e-03	0.0	240.0	-1.391e+04	8074.24	1027.45	1.997e+05	2.178e+05	1.082e+06
48	30	9.972e+05	3.694e+05	-0.06	0.0	0.0	-1.506e+04	6671.02	1728.09	1.414e+05	1.040e+05	-5.618e+05
		-5.618e+05	1.040e+05	-0.03	0.0	240.0	-1.303e+04	6671.02	1728.09	1.414e+05	3.694e+05	9.972e+05
48	33	1.004e+06	-1.281e+05	-0.04	0.0	0.0	-1.545e+04	4066.35	-1447.00	5.238e+04	-1.281e+05	-1.429e+04
		-1.429e+04	-3.260e+05	0.05	0.0	240.0	-1.343e+04	4066.35	-1447.00	5.238e+04	-3.260e+05	1.004e+06
48	51	1.099e+06	3.709e+04	-0.15	0.0	0.0	-1.595e+04	7702.97	268.68	1.888e+05	-9.571e+04	-7.861e+05
		-7.861e+05	-9.571e+04	0.04	0.0	240.0	-1.392e+04	7702.97	268.68	1.888e+05	3.709e+04	1.099e+06
48	52	9.023e+05	7.165e+04	0.05	0.0	0.0	-1.456e+04	3034.41	12.41	4925.39	7.165e+04	2.100e+05
		2.100e+05	6316.44	-0.02	0.0	240.0	-1.253e+04	3034.41	12.41	4925.39	6316.44	9.023e+05
48	54	1.082e+06	2.178e+05	-0.14	0.0	0.0	-1.594e+04	8074.24	1027.45	1.997e+05	-1.371e+04	-8.678e+05
		-8.678e+05	-1.371e+04	9.97e-03	0.0	240.0	-1.391e+04	8074.24	1027.45	1.997e+05	2.178e+05	1.082e+06
48	62	9.972e+05	3.694e+05	-0.06	0.0	0.0	-1.506e+04	6671.02	1728.09	1.414e+05	1.040e+05	-5.618e+05
		-5.618e+05	1.040e+05	-0.03	0.0	240.0	-1.303e+04	6671.02	1728.09	1.414e+05	3.694e+05	9.972e+05
48	65	1.004e+06	-1.281e+05	-0.04	0.0	0.0	-1.545e+04	4066.35	-1447.00	5.238e+04	-1.281e+05	-1.429e+04
		-1.429e+04	-3.260e+05	0.05	0.0	240.0	-1.343e+04	4066.35	-1447.00	5.238e+04	-3.260e+05	1.004e+06
48	74	1.000e+06	2.170e+04	-0.05	0.0	0.0	-1.525e+04	5368.69	140.55	9.687e+04	-1.203e+04	-2.880e+05
		-2.880e+05	-1.203e+04	6.65e-03	0.0	240.0	-1.323e+04	5368.69	140.55	9.687e+04	2.170e+04	1.000e+06
48	75	1.000e+06	2.170e+04	-0.05	0.0	0.0	-1.525e+04	5368.69	140.55	9.687e+04	-1.203e+04	-2.880e+05
		-2.880e+05	-1.203e+04	6.65e-03	0.0	240.0	-1.323e+04	5368.69	140.55	9.687e+04	2.170e+04	1.000e+06
48	76	1.000e+06	2.170e+04	-0.05	0.0	0.0	-1.525e+04	5368.69	140.55	9.687e+04	-1.203e+04	-2.880e+05
		-2.880e+05	-1.203e+04	6.65e-03	0.0	240.0	-1.323e+04	5368.69	140.55	9.687e+04	2.170e+04	1.000e+06
53	1	-4234.62	5.007e+04	0.04	0.0	0.0	-8328.03	255.55	-557.25	121.97	5.007e+04	-4.078e+04
		-4.078e+04	-2.962e+04	0.01	0.0	143.0	-7909.75	255.55	-557.25	121.97	-2.962e+04	-4234.62
53	3	8280.48	4.753e+04	0.03	0.0	0.0	-7737.95	322.41	-546.97	-495.79	4.753e+04	-3.782e+04
		-3.782e+04	-3.068e+04	6.81e-03	0.0	143.0	-7319.68	322.41	-546.97	-495.79	-3.068e+04	8280.48
53	4	8787.18	3.643e+04	0.02	0.0	0.0	-5907.94	264.19	-421.97	-473.14	3.643e+04	-2.899e+04
		-2.899e+04	-2.391e+04	4.33e-03	0.0	143.0	-5586.19	264.19	-421.97	-473.14	-2.391e+04	8787.18
53	6	1724.36	3.611e+04	0.02	0.0	0.0	-5732.63	204.03	-407.74	-266.35	3.611e+04	-2.745e+04
		-2.745e+04	-2.220e+04	4.98e-03	0.0	143.0	-5410.88	204.03	-407.74	-266.35	-2.220e+04	1724.36
53	7	-2355.71	3.813e+04	0.03	0.0	0.0	-6290.81	198.26	-425.25	32.52	3.813e+04	-3.071e+04
		-3.071e+04	-2.268e+04	0.01	0.0	143.0	-5969.06	198.26	-425.25	32.52	-2.268e+04	-2355.71
53	8	5987.69	3.644e+04	0.02	0.0	0.0	-5897.43	242.84	-418.39	-379.32	3.644e+04	-2.874e+04
		-2.874e+04	-2.339e+04	4.97e-03	0.0	143.0	-5575.68	242.84	-418.39	-379.32	-2.339e+04	5987.69
53	9	1279.15	3.622e+04	0.02	0.0	0.0	-5780.55	202.73	-408.90	-241.46	3.622e+04	-2.771e+04
		-2.771e+04	-2.225e+04	5.41e-03	0.0	143.0	-5458.80	202.73	-408.90	-241.46	-2.225e+04	1279.15
53	11	-3686.97	3.170e+04	0.02	0.0	0.0	-6983.75	-408.12	-336.44	-1790.35	3.170e+04	-3686.97
		-3686.97	3.170e+04	0.03	0.0	143.0	-6662.00	-408.12	-336.44	-1790.35	-1.618e+04	-6.249e+04
53	12	6.504e+04	4.074e+04	0.03	0.0	0.0	-4577.36	813.58	-481.37	1307.43	4.074e+04	-5.174e+04
		-5.174e+04	-2.832e+04	-0.02	0.0	143.0	-4255.61	813.58	-481.37	1307.43	-2.832e+04	6.504e+04
53	19	-2047.00	2.888e+04	0.02	0.0	0.0	-6981.14	-430.11	-298.92	-2074.15	2.888e+04	-2047.00
		-6.405e+04	-1.348e+04	0.02	0.0	143.0	-6659.39	-430.11	-298.92	-2074.15	-1.348e+04	-6.405e+04
53	20	6.661e+04	4.357e+04	0.03	0.0	0.0	-4579.96	835.57	-518.89	1591.23	4.357e+04	-5.338e+04
		-5.338e+04	-3.102e+04	-7.10e-03	0.0	143.0	-4258.21	835.57	-518.89	1591.23	-3.102e+04	6.661e+04
53	41	3.708e+04	8.031e+04	0.01	0.0	0.0	-5888.50	154.37	-870.85	-1404.12	8.031e+04	-2.150e+04
		-2.150e+04	-4.454e+04	0.02	0.0	143.0	-5566.75	154.37	-870.85	-1404.12	-4.454e+04	3.708e+04
53	43	-3686.97	3.170e+04	0.02	0.0	0.0	-6983.75	-408.12	-336.44	-1790.35	3.170e+04	-3686.97
		-3686.97	3.170e+04	0.03	0.0	143.0	-6662.00	-408.12	-336.44	-1790.35	-1.618e+04	-6.249e+04
53	44	6.504e+04	4.074e+04	0.03	0.0	0.0	-4577.36	813.58	-481.37	1307.43	4.074e+04	-5.174e+04
		-5.174e+04	-2.832e+04	-0.02	0.0	143.0	-4255.61	813.58	-481.37	1307.43	-2.832e+04	6.504e+04
53	51	-2047.00	2.888e+04	0.02	0.0	0.0	-6981.14	-430.11	-298.92	-2074.15	2.888e+04	-2047.00
		-6.405e+04	-1.348e+04	0.02	0.0	143.0	-6659.39	-430.11	-298.92	-2074.15	-1.348e+04	-6.405e+04
53	52	6.661e+04	4.357e+04	0.03	0.0	0.0	-4579.96	835.57	-518.89	1591.23	4.357e+04	-5.338e+04
		-5.338e+04	-3.102e+04	-7.10e-03	0.0	143.0	-4258.21	835.57	-518.89	1591.23	-3.102e+04	6.661e+04
53	73	3.708e+04	8.031e+04	0.01	0.0	0.0	-5888.50	154.37	-870.85	-1404.12	8.031e+04	-2.150e+04
		-2.150e+04	-4.454e+04	0.02	0.0	143.0	-5566.75	154.37	-870.85	-1404.12	-4.454e+04	3.708e+04
53	74	1279.15	3.622e+04	0.02	0.0	0.0	-5780.55	202.73	-408.90	-241.46	3.622e+04	-2.771e+04
		-2.771e+04	-2.225e+04	5.41e-03	0.0	143.0	-5458.80	202.73	-408.90	-241.46	-2.225e+04	1279.15
53	75	1279.15	3.622e+04	0.02	0.0	0.0	-5780.55	202.73	-408.90	-241.46	3.622e+04	-2.771e+04
		-2.771e+04	-2.225e+04	5.41e-03	0.0	143.0	-5458.80	202.73	-408.90	-241.46	-2.225e+04	1279.15
53	76	1279.15	3.622e+04	0.02	0.0	0.0	-5780.55	202.73	-408.90	-241.46	3.622e+04	-2.771e+04
		-2.771e+04	-2.225e+04	5.41e-03	0.0	143.0	-5458.80	202.73	-408.90	-241.46	-2.225e+04	1279.15
58	1	-1.619e+04	3.900e+04	0.03	0.0	0.0	-1.277e+04	-1781.66	210.29	-1.939e+05	-1.147e+04	-1.619e+04
		-4.438e+05	-1.147e+04	-3.46e-03	0.0	240.0	-1.013e+04	-1781.66	210.29	-1.939e+05	3.900e+04	-1.619e+04
58	3	1.233e+05	6.195e+04	0.04	0.0	0.0	-1.451e+04	-2499.18	294.28	-2.986e+05	-8677.35	1.233e+05
		-8677.35	-3.98e-03	0.0	0.0	240.0	-1.188e+04	-2499.18	294.28	-2.986e+05	6.195e+04	-4.765e+05
58	6	4.379e+04	6651.38	0.02	0.0	0.0	-9771.97	-1711.29	49.50	-1.678e+05	-5228.40	4.379e+04
		-3.669e+05	-5228.40	-3.65e-03	0.0	240.0	-7746.97	-1711.29	49.50	-1.678e+05	6651.38	-3.669e+05
58	7	-2853.03	2.669e+04	0.02	0.0	0.0	-9815.34	-1428.84	144.72	-1.523e+05	-8044.81	-2853.03
		-8044.81	-2.73e-03	0.0	0.0	240.0	-7790.34	-1428.84	144.72	-1.523e+05	2.669e+04	-3.458e+05
58	8	9.015e+04	4.198e+04	0.03	0.0	0.0	-1.098e+04	-1907.19	200.71	-2.221e+05	-6186.12	9.015e+04
		-3.676e+05	-6186.12	-3.02e-03	0.0	240.0	-8951.03	-1907.19	200.71	-2.221e+05	4.198e+04	-3.676e+05
58	9	3.985e+04	7031.00	0.02	0.0	0.0	-9769.36	-1687.11	53.39	-1.666e+05	-5783.20	3.985e+04
		-3.651e+05	-5783.20	-3.77e-03	0.0	240.0	-7744.36	-1687.11	53.39	-1.666e+05	7031.00	-3.651e+05

58	20	2.594e+05	1.116e+04	0.09	0.0	0.0	0.0	-1.072e+04	-3275.81	-229.41	-3.133e+05	-8.538e+04	2.594e+05
		-5.027e+05	-8.538e+04	-0.03	0.0	240.0	0.0	-8699.57	-3275.81	-229.41	-3.133e+05	1.116e+04	-5.027e+05
58	21	2.212e+05	-1.310e+05	0.08	0.0	0.0	0.0	-1.002e+04	-2970.50	-806.14	-2.823e+05	-1.310e+05	2.212e+05
		-5.426e+05	-1.375e+05	9.54e-03	0.0	240.0	0.0	-7992.33	-2970.50	-806.14	-2.823e+05	-1.375e+05	-5.426e+05
58	26	6.631e+04	2.798e+05	0.03	0.0	0.0	0.0	-1.076e+04	-1869.34	1155.87	-1.896e+05	4.448e+04	6.631e+04
		-2.534e+05	4.448e+04	-0.07	0.0	240.0	0.0	-8739.75	-1869.34	1155.87	-1.896e+05	2.798e+05	-2.534e+05
58	27	-6.076e+04	-1.077e+05	-9.01e-03	0.0	0.0	0.0	-8407.30	-851.65	-766.59	-8.599e+04	-1.077e+05	-6.076e+04
		-3.864e+05	-2.157e+05	0.07	0.0	240.0	0.0	-6382.30	-851.65	-766.59	-8.599e+04	-2.157e+05	-3.864e+05
58	28	1.405e+05	2.297e+05	0.06	0.0	0.0	0.0	-1.113e+04	-2522.57	873.37	-2.472e+05	9.609e+04	1.405e+05
		-3.437e+05	9.609e+04	-0.08	0.0	240.0	0.0	-9106.42	-2522.57	873.37	-2.472e+05	2.297e+05	-3.437e+05
58	29	1.338e+04	-5.605e+04	0.02	0.0	0.0	0.0	-8773.97	-1504.87	-1049.08	-1.436e+05	-5.605e+04	1.338e+04
		-4.767e+05	-2.658e+05	0.06	0.0	240.0	0.0	-6748.97	-1504.87	-1049.08	-1.436e+05	-2.658e+05	-4.767e+05
58	52	2.594e+05	1.116e+04	0.09	0.0	0.0	0.0	-1.072e+04	-3275.81	-229.41	-3.133e+05	-8.538e+04	2.594e+05
		-5.027e+05	-8.538e+04	-0.03	0.0	240.0	0.0	-8699.57	-3275.81	-229.41	-3.133e+05	1.116e+04	-5.027e+05
58	53	2.212e+05	-1.310e+05	0.08	0.0	0.0	0.0	-1.002e+04	-2970.50	-806.14	-2.823e+05	-1.310e+05	2.212e+05
		-5.426e+05	-1.375e+05	9.54e-03	0.0	240.0	0.0	-7992.33	-2970.50	-806.14	-2.823e+05	-1.375e+05	-5.426e+05
58	58	6.631e+04	2.798e+05	0.03	0.0	0.0	0.0	-1.076e+04	-1869.34	1155.87	-1.896e+05	4.448e+04	6.631e+04
		-2.534e+05	4.448e+04	-0.07	0.0	240.0	0.0	-8739.75	-1869.34	1155.87	-1.896e+05	2.798e+05	-2.534e+05
58	59	-6.076e+04	-1.077e+05	-9.01e-03	0.0	0.0	0.0	-8407.30	-851.65	-766.59	-8.599e+04	-1.077e+05	-6.076e+04
		-3.864e+05	-2.157e+05	0.07	0.0	240.0	0.0	-6382.30	-851.65	-766.59	-8.599e+04	-2.157e+05	-3.864e+05
58	60	1.405e+05	2.297e+05	0.06	0.0	0.0	0.0	-1.113e+04	-2522.57	873.37	-2.472e+05	9.609e+04	1.405e+05
		-3.437e+05	9.609e+04	-0.08	0.0	240.0	0.0	-9106.42	-2522.57	873.37	-2.472e+05	2.297e+05	-3.437e+05
58	61	1.338e+04	-5.605e+04	0.02	0.0	0.0	0.0	-8773.97	-1504.87	-1049.08	-1.436e+05	-5.605e+04	1.338e+04
		-4.767e+05	-2.658e+05	0.06	0.0	240.0	0.0	-6748.97	-1504.87	-1049.08	-1.436e+05	-2.658e+05	-4.767e+05
58	74	3.985e+04	7031.00	0.02	0.0	0.0	0.0	-9769.36	-1687.11	53.39	-1.666e+05	-5783.20	3.985e+04
		-3.651e+05	-5783.20	-3.77e-03	0.0	240.0	0.0	-7744.36	-1687.11	53.39	-1.666e+05	7031.00	-3.651e+05
58	75	3.985e+04	7031.00	0.02	0.0	0.0	0.0	-9769.36	-1687.11	53.39	-1.666e+05	-5783.20	3.985e+04
		-3.651e+05	-5783.20	-3.77e-03	0.0	240.0	0.0	-7744.36	-1687.11	53.39	-1.666e+05	7031.00	-3.651e+05
58	76	3.985e+04	7031.00	0.02	0.0	0.0	0.0	-9769.36	-1687.11	53.39	-1.666e+05	-5783.20	3.985e+04
		-3.651e+05	-5783.20	-3.77e-03	0.0	240.0	0.0	-7744.36	-1687.11	53.39	-1.666e+05	7031.00	-3.651e+05
59	1	2.615e+05	1.076e+05	0.05	0.0	0.0	0.0	-1.352e+04	1999.08	-329.35	-2.004e+05	1.076e+05	-4.582e+05
		-4.582e+05	-1.099e+04	-0.02	0.0	360.0	0.0	-9571.84	1999.08	-329.35	-2.004e+05	-1.099e+04	2.615e+05
59	2	1.883e+05	7.786e+04	0.04	0.0	0.0	0.0	-1.041e+04	1445.51	-238.94	-1.531e+05	7.786e+04	-3.321e+05
		-3.321e+05	-8158.36	-0.01	0.0	360.0	0.0	-7368.40	1445.51	-238.94	-1.531e+05	-8158.36	1.883e+05
59	3	5.313e+05	7.650e+04	0.05	0.0	0.0	0.0	-1.488e+04	3889.04	-215.65	-2.753e+05	7.650e+04	-8.688e+05
		-8.688e+05	-1134.07	-0.02	0.0	360.0	0.0	-1.093e+04	3889.04	-215.65	-2.753e+05	-1134.07	5.313e+05
59	5	3.707e+05	1.225e+05	0.05	0.0	0.0	0.0	-1.358e+04	2786.14	-364.94	-2.059e+05	1.225e+05	-6.323e+05
		-6.323e+05	-8868.19	-0.02	0.0	360.0	0.0	-9628.98	2786.14	-364.94	-2.059e+05	-8868.19	3.707e+05
59	7	2.177e+05	8.366e+04	0.04	0.0	0.0	0.0	-1.041e+04	1657.34	-254.30	-1.548e+05	8.366e+04	-3.789e+05
		-3.789e+05	-7894.12	-0.01	0.0	360.0	0.0	-7376.91	1657.34	-254.30	-1.548e+05	-7894.12	2.177e+05
59	8	3.976e+05	6.294e+04	0.04	0.0	0.0	0.0	-1.132e+04	2917.31	-178.50	-2.048e+05	6.294e+04	-6.526e+05
		-6.526e+05	-1325.64	-0.01	0.0	360.0	0.0	-8280.34	2917.31	-178.50	-2.048e+05	-1325.64	3.976e+05
59	9	2.905e+05	9.361e+04	0.04	0.0	0.0	0.0	-1.045e+04	2182.05	-278.03	-1.585e+05	9.361e+04	-4.950e+05
		-4.950e+05	-6481.72	-0.02	0.0	360.0	0.0	-7415.01	2182.05	-278.03	-1.585e+05	-6481.72	2.905e+05
59	10	4.491e+05	-5.720e+04	-0.03	0.0	0.0	0.0	-9013.84	3745.27	579.81	-1.116e+05	-5.720e+04	-9.042e+05
		-9.042e+05	-1.370e+05	-0.02	0.0	360.0	0.0	-5976.34	3745.27	579.81	-1.116e+05	-1.370e+05	4.491e+05
59	23	3.631e+05	5.268e+04	-0.04	0.0	0.0	0.0	-8418.34	3048.89	-28.42	-1.261e+05	5.268e+04	-7.525e+05
		-7.525e+05	4.601e+04	0.06	0.0	360.0	0.0	-5380.84	3048.89	-28.42	-1.261e+05	4.601e+04	3.631e+05
59	24	2.180e+05	1.345e+05	0.11	0.0	0.0	0.0	-1.249e+04	1315.20	-527.65	-1.909e+05	1.345e+05	-2.375e+05
		-2.375e+05	-5.897e+04	-0.09	0.0	360.0	0.0	-9449.18	1315.20	-527.65	-1.909e+05	-5.897e+04	2.180e+05
59	34	4.084e+05	7.011e+04	0.03	0.0	0.0	0.0	-1.078e+04	3253.50	995.88	-1.047e+05	7.011e+04	-2.563e+05
		-7.660e+05	-2.563e+05	-0.11	0.0	360.0	0.0	-7741.97	3253.50	995.88	-1.047e+05	-2.563e+05	4.084e+05
59	37	1.727e+05	4.435e+05	0.04	0.0	0.0	0.0	-1.013e+04	1110.59	-1551.95	-2.124e+05	4.435e+05	-2.240e+05
		-2.240e+05	-8.307e+04	0.08	0.0	360.0	0.0	-7088.04	1110.59	-1551.95	-2.124e+05	-8.307e+04	1.727e+05
59	42	4.491e+05	-5.720e+04	-0.03	0.0	0.0	0.0	-9013.84	3745.27	579.81	-1.116e+05	-5.720e+04	-9.042e+05
		-9.042e+05	-1.370e+05	-0.02	0.0	360.0	0.0	-5976.34	3745.27	579.81	-1.116e+05	-1.370e+05	4.491e+05
59	55	3.631e+05	5.268e+04	-0.04	0.0	0.0	0.0	-8418.34	3048.89	-28.42	-1.261e+05	5.268e+04	-7.525e+05
		-7.525e+05	4.601e+04	0.06	0.0	360.0	0.0	-5380.84	3048.89	-28.42	-1.261e+05	4.601e+04	3.631e+05
59	56	2.180e+05	1.345e+05	0.11	0.0	0.0	0.0	-1.249e+04	1315.20	-527.65	-1.909e+05	1.345e+05	-2.375e+05
		-2.375e+05	-5.897e+04	-0.09	0.0	360.0	0.0	-9449.18	1315.20	-527.65	-1.909e+05	-5.897e+04	2.180e+05
59	66	4.084e+05	7.011e+04	0.03	0.0	0.0	0.0	-1.078e+04	3253.50	995.88	-1.047e+05	7.011e+04	-2.563e+05
		-7.660e+05	-2.563e+05	-0.11	0.0	360.0	0.0	-7741.97	3253.50	995.88	-1.047e+05	-2.563e+05	4.084e+05
59	69	1.727e+05	4.435e+05	0.04	0.0	0.0	0.0	-1.013e+04	1110.59	-1551.95	-2.124e+05	4.435e+05	-2.240e+05
		-2.240e+05	-8.307e+04	0.08	0.0	360.0	0.0	-7088.04	1110.59	-1551.95	-2.124e+05	-8.307e+04	1.727e+05
59	74	2.905e+05	9.361e+04	0.04	0.0	0.0	0.0	-1.045e+04	2182.05	-278.03	-1.585e+05	9.361e+04	-4.950e+05
		-4.950e+05	-6481.72	-0.02	0.0	360.0	0.0	-7415.01	2182.05	-278.03	-1.585e+05	-6481.72	2.905e+05
59	75	2.905e+05	9.361e+04	0.04	0.0	0.0	0.0	-1.045e+04	2182.05	-278.03	-1.585e+05	9.361e+04	-4.950e+05
		-4.950e+05	-6481.72	-0.02	0.0	360.0	0.0	-7415.01	2182.05	-278.03	-1.585e+05	-6481.72	2.905e+05
59	76	2.905e+05	9.361e+04	0.04	0.0	0.0	0.0	-1.045e+04	2182.05	-278.03	-1.585e+05	9.361e+04	-4.950e+05
		-4.950e+05	-6481.72	-0.02	0.0	360.0	0.0	-7415.01	2182.05	-278.03	-1.585e+05	-6481.72	2.905e+05
73	1	1.425e+06	6.642e+04	-0.27	0.0	0.0	0.0	-2.096e+04	4067.99	-218.20	3.034e+04	6.642e+04	-1.016e+06
		-1.016e+06	-6.450e+04	0.05	0.0	600.0	0.0	-1.438e+04	4067.99	-218.20	3.034e+04	-6.450e+04	1.425e+06
73	2	1											

		-7.457e+05	-4.463e+04	0.04	0.0	600.0	-1.107e+04	3080.22	-150.82	2.342e+04	-4.463e+04	1.102e+06
73	8	1.457e+06	3.474e+04	-0.29	0.0	0.0	-1.840e+04	3654.02	-114.44	2.932e+04	3.474e+04	-7.356e+05
		-7.356e+05	-3.393e+04	0.04	0.0	600.0	-1.334e+04	3654.02	-114.44	2.932e+04	-3.393e+04	1.457e+06
73	19	1.342e+06	2.545e+05	-0.52	0.0	0.0	-1.682e+04	4572.38	-826.52	-3.473e+04	2.545e+05	-1.405e+06
		-1.405e+06	-2.414e+05	0.12	0.0	600.0	-1.175e+04	4572.38	-826.52	-3.473e+04	-2.414e+05	1.342e+06
73	23	1.341e+06	2.603e+05	-0.52	0.0	0.0	-1.682e+04	4577.82	-845.74	-3.552e+04	2.603e+05	-1.411e+06
		-1.411e+06	-2.471e+05	0.12	0.0	600.0	-1.176e+04	4577.82	-845.74	-3.552e+04	-2.471e+05	1.341e+06
73	24	9.246e+05	2.036e+05	0.08	0.0	0.0	-1.557e+04	1105.23	700.68	8.287e+04	-2.168e+05	2.667e+05
		2.667e+05	-2.168e+05	-0.06	0.0	600.0	-1.051e+04	1105.23	700.68	8.287e+04	2.036e+05	9.246e+05
73	39	1.229e+06	4.369e+05	-0.33	0.0	0.0	-1.665e+04	3526.83	-1419.26	-1.570e+04	4.369e+05	-9.019e+05
		-9.019e+05	-4.146e+05	0.20	0.0	600.0	-1.159e+04	3526.83	-1419.26	-1.570e+04	-4.146e+05	1.229e+06
73	51	1.342e+06	2.545e+05	-0.52	0.0	0.0	-1.682e+04	4572.38	-826.52	-3.473e+04	2.545e+05	-1.405e+06
		-1.405e+06	-2.414e+05	0.12	0.0	600.0	-1.175e+04	4572.38	-826.52	-3.473e+04	-2.414e+05	1.342e+06
73	55	1.341e+06	2.603e+05	-0.52	0.0	0.0	-1.682e+04	4577.82	-845.74	-3.552e+04	2.603e+05	-1.411e+06
		-1.411e+06	-2.471e+05	0.12	0.0	600.0	-1.176e+04	4577.82	-845.74	-3.552e+04	-2.471e+05	1.341e+06
73	56	9.246e+05	2.036e+05	0.08	0.0	0.0	-1.557e+04	1105.23	700.68	8.287e+04	-2.168e+05	2.667e+05
		2.667e+05	-2.168e+05	-0.06	0.0	600.0	-1.051e+04	1105.23	700.68	8.287e+04	2.036e+05	9.246e+05
73	71	1.229e+06	4.369e+05	-0.33	0.0	0.0	-1.665e+04	3526.83	-1419.26	-1.570e+04	4.369e+05	-9.019e+05
		-9.019e+05	-4.146e+05	0.20	0.0	600.0	-1.159e+04	3526.83	-1419.26	-1.570e+04	-4.146e+05	1.229e+06
73	74	1.133e+06	2.177e+04	-0.22	0.0	0.0	-1.620e+04	2841.53	-72.53	2.367e+04	2.177e+04	-5.723e+05
		-5.723e+05	-2.175e+04	0.03	0.0	600.0	-1.114e+04	2841.53	-72.53	2.367e+04	-2.175e+04	1.133e+06
73	75	1.133e+06	2.177e+04	-0.22	0.0	0.0	-1.620e+04	2841.53	-72.53	2.367e+04	2.177e+04	-5.723e+05
		-5.723e+05	-2.175e+04	0.03	0.0	600.0	-1.114e+04	2841.53	-72.53	2.367e+04	-2.175e+04	1.133e+06
73	76	1.133e+06	2.177e+04	-0.22	0.0	0.0	-1.620e+04	2841.53	-72.53	2.367e+04	2.177e+04	-5.723e+05
		-5.723e+05	-2.175e+04	0.03	0.0	600.0	-1.114e+04	2841.53	-72.53	2.367e+04	-2.175e+04	1.133e+06
74	2	9.574e+05	9409.21	0.28	0.0	0.0	-1.643e+04	-3464.43	-35.06	2.599e+04	9409.21	9.574e+05
		-1.121e+06	-1.163e+04	-0.01	0.0	600.0	-1.137e+04	-3464.43	-35.06	2.599e+04	-1.163e+04	-1.121e+06
74	3	1.252e+06	1.337e+04	0.52	0.0	0.0	-2.489e+04	-5446.08	-48.83	4.612e+04	1.337e+04	1.252e+06
		-2.015e+06	-1.593e+04	-0.02	0.0	600.0	-1.831e+04	-5446.08	-48.83	4.612e+04	-1.593e+04	-2.015e+06
74	4	1.015e+06	1.501e+04	0.43	0.0	0.0	-1.994e+04	-4473.45	-52.84	3.805e+04	1.501e+04	1.015e+06
		-1.670e+06	-1.669e+04	-0.02	0.0	600.0	-1.488e+04	-4473.45	-52.84	3.805e+04	-1.669e+04	-1.670e+06
74	7	8.855e+05	4293.19	0.28	0.0	0.0	-1.646e+04	-3367.77	-18.37	2.643e+04	4293.19	8.855e+05
		-1.135e+06	-6728.17	-0.02	0.0	600.0	-1.140e+04	-3367.77	-18.37	2.643e+04	-6728.17	-1.135e+06
74	8	9.236e+05	8029.83	0.38	0.0	0.0	-1.880e+04	-4040.45	-30.22	3.448e+04	8029.83	9.236e+05
		-1.501e+06	-1.010e+04	-0.02	0.0	600.0	-1.374e+04	-4040.45	-30.22	3.448e+04	-1.010e+04	-1.501e+06
74	22	-6.705e+04	3.294e+04	0.05	0.0	0.0	-1.582e+04	-1493.51	118.70	-2.114e+04	-3.828e+04	-6.705e+04
		9.235e+05	-3.828e+04	-0.02	0.0	600.0	-1.075e+04	-1493.51	118.70	-2.114e+04	3.294e+04	9.235e+05
74	24	1.568e+06	2.084e+05	0.61	0.0	0.0	-1.708e+04	-4957.41	719.27	9.223e+04	-2.231e+05	1.568e+06
		-1.374e+06	-2.231e+05	-0.12	0.0	600.0	-1.202e+04	-4957.41	719.27	9.223e+04	2.084e+05	-1.374e+06
74	25	1.507e+06	2.602e+04	0.59	0.0	0.0	-1.724e+04	-4797.39	-87.27	7.615e+04	2.602e+04	1.507e+06
		-1.411e+06	-2.635e+04	-0.02	0.0	600.0	-1.218e+04	-4797.39	-87.27	7.615e+04	-2.635e+04	-1.411e+06
74	27	4.297e+05	4.458e+05	0.20	0.0	0.0	-1.661e+04	-2491.32	-1447.07	2.795e+04	4.458e+05	4.297e+05
		-1.153e+06	-4.224e+05	0.17	0.0	600.0	-1.155e+04	-2491.32	-1447.07	2.795e+04	-4.224e+05	-1.153e+06
74	28	1.011e+06	4.290e+05	0.40	0.0	0.0	-1.645e+04	-3799.59	1478.51	2.705e+04	-4.581e+05	1.011e+06
		-1.181e+06	-4.581e+05	-0.20	0.0	600.0	-1.138e+04	-3799.59	1478.51	2.705e+04	4.290e+05	-1.181e+06
74	54	-6.705e+04	3.294e+04	0.05	0.0	0.0	-1.582e+04	-1493.51	118.70	-2.114e+04	-3.828e+04	-6.705e+04
		9.235e+05	-3.828e+04	-0.02	0.0	600.0	-1.075e+04	-1493.51	118.70	-2.114e+04	3.294e+04	9.235e+05
74	56	1.568e+06	2.084e+05	0.61	0.0	0.0	-1.708e+04	-4957.41	719.27	9.223e+04	-2.231e+05	1.568e+06
		-1.374e+06	-2.231e+05	-0.12	0.0	600.0	-1.202e+04	-4957.41	719.27	9.223e+04	2.084e+05	-1.374e+06
74	57	1.507e+06	2.602e+04	0.59	0.0	0.0	-1.724e+04	-4797.39	-87.27	7.615e+04	2.602e+04	1.507e+06
		-1.411e+06	-2.635e+04	-0.02	0.0	600.0	-1.218e+04	-4797.39	-87.27	7.615e+04	-2.635e+04	-1.411e+06
74	59	4.297e+05	4.458e+05	0.20	0.0	0.0	-1.661e+04	-2491.32	-1447.07	2.795e+04	4.458e+05	4.297e+05
		-1.153e+06	-4.224e+05	0.17	0.0	600.0	-1.155e+04	-2491.32	-1447.07	2.795e+04	-4.224e+05	-1.153e+06
74	60	1.011e+06	4.290e+05	0.40	0.0	0.0	-1.645e+04	-3799.59	1478.51	2.705e+04	-4.581e+05	1.011e+06
		-1.181e+06	-4.581e+05	-0.20	0.0	600.0	-1.138e+04	-3799.59	1478.51	2.705e+04	4.290e+05	-1.181e+06
74	74	7.202e+05	3299.03	0.30	0.0	0.0	-1.653e+04	-3145.45	15.72	2.750e+04	-6131.41	7.202e+05
		-1.167e+06	-6131.41	-0.02	0.0	600.0	-1.147e+04	-3145.45	15.72	2.750e+04	3299.03	-1.167e+06
74	75	7.202e+05	3299.03	0.30	0.0	0.0	-1.653e+04	-3145.45	15.72	2.750e+04	-6131.41	7.202e+05
		-1.167e+06	-6131.41	-0.02	0.0	600.0	-1.147e+04	-3145.45	15.72	2.750e+04	3299.03	-1.167e+06
74	76	7.202e+05	3299.03	0.30	0.0	0.0	-1.653e+04	-3145.45	15.72	2.750e+04	-6131.41	7.202e+05
		-1.167e+06	-6131.41	-0.02	0.0	600.0	-1.147e+04	-3145.45	15.72	2.750e+04	3299.03	-1.167e+06
75	1	1.280e+06	3.413e+04	0.40	0.0	0.0	-2.151e+04	-4551.60	114.19	1.349e+04	-3.438e+04	1.280e+06
		-1.451e+06	-3.438e+04	-0.02	0.0	600.0	-1.493e+04	-4551.60	114.19	1.349e+04	3.413e+04	-1.451e+06
75	2	1.023e+06	2.971e+04	0.30	0.0	0.0	-1.652e+04	-3556.50	99.67	1.090e+04	-3.009e+04	1.023e+06
		-1.110e+06	-3.009e+04	-0.01	0.0	600.0	-1.146e+04	-3556.50	99.67	1.090e+04	2.971e+04	-1.110e+06
75	3	1.363e+06	2.015e+04	0.56	0.0	0.0	-2.501e+04	-5581.69	66.33	1.183e+04	-1.965e+04	1.363e+06
		-1.986e+06	-1.965e+04	-0.02	0.0	600.0	-1.843e+04	-5581.69	66.33	1.183e+04	2.015e+04	-1.986e+06
75	7	9.509e+05	2.405e+04	0.31	0.0	0.0	-1.656e+04	-3454.76	80.31	1.005e+04	-2.413e+04	9.509e+05
		-1.122e+06	-2.413e+04	-0.02	0.0	600.0	-1.150e+04	-3454.76	80.31	1.005e+04	2.405e+04	-1.122e+06
75	8	1.007e+06	1.473e+04	0.42	0.0	0.0	-1.889e+04	-4141.49	48.41	8937.36	-1.431e+04	1.007e+06
		-1.478e+06	-1.431e+04	-0.02	0.0	600.0	-1.383e+04	-4141.49	48.41	8937.36	1.473e+04	-1.478e+06
75	23	-2.116e+04	2.113e+05	0.07	0.0	0.0	-1.592e+04	-1456.23	-684.07	6.892e+04	2.113e+05	-2.116e+04
		-8.898e+05	-1.991e+05	0.08	0.0	600.0	-1.086e+04	-1456.23	-684.07	6.892e+04	-1.991e+05	-8.898e+05
75	24	1.591e+06	2.229e+05	0.61	0.0	0.0	-1.735e+04	-4989.97	761.44	-5.250e+04	-2.340e+05	1.591e+06
		-1.408e+06	-2.340e+05	-0.12	0.0	600.0	-1.229e+04	-4989.97	761.44	-5.250e+04	2.229e+05	-1.408e+06
75	27	5.014e+05	4.482e+05	0.23	0.0	0.0	-1.631e+04	-2590.81	-1448.86	1.631e+04	4.482e+05	5.014e+05
		-1.048e+06	-4.211e+05	0.17	0.0	600.0	-1.125e+04	-2590.81	-1448.86	1.631e+04	-4.211e+05	-1.048e+06

75	28	1.069e+06	4.448e+05	0.42	0.0	0.0	-1.696e+04	-3855.39	1526.23	115.83	-4.709e+05	1.069e+06
		-1.249e+06	-4.709e+05	-0.20	0.0	600.0	-1.190e+04	-3855.39	1526.23	115.83	4.448e+05	-1.249e+06
75	55	-2.116e+04	2.113e+05	0.07	0.0	0.0	-1.592e+04	-1456.23	-684.07	6.892e+04	2.113e+05	-2.116e+04
		-8.898e+05	-1.991e+05	0.08	0.0	600.0	-1.086e+04	-1456.23	-684.07	6.892e+04	-1.991e+05	-8.898e+05
75	56	1.591e+06	2.229e+05	0.61	0.0	0.0	-1.735e+04	-4989.97	761.44	-5.250e+04	-2.340e+05	1.591e+06
		-1.408e+06	-2.340e+05	-0.12	0.0	600.0	-1.229e+04	-4989.97	761.44	-5.250e+04	2.229e+05	-1.408e+06
75	59	5.014e+05	4.482e+05	0.23	0.0	0.0	-1.631e+04	-2590.81	-1448.86	1.631e+04	4.482e+05	5.014e+05
		-1.048e+06	-4.211e+05	0.17	0.0	600.0	-1.125e+04	-2590.81	-1448.86	1.631e+04	-4.211e+05	-1.048e+06
75	60	1.069e+06	4.448e+05	0.42	0.0	0.0	-1.696e+04	-3855.39	1526.23	115.83	-4.709e+05	1.069e+06
		-1.249e+06	-4.709e+05	-0.20	0.0	600.0	-1.190e+04	-3855.39	1526.23	115.83	4.448e+05	-1.249e+06
75	74	7.851e+05	1.188e+04	0.32	0.0	0.0	-1.664e+04	-3223.10	38.68	8210.41	-1.133e+04	7.851e+05
		-1.149e+06	-1.133e+04	-0.02	0.0	600.0	-1.157e+04	-3223.10	38.68	8210.41	1.188e+04	-1.149e+06
75	75	7.851e+05	1.188e+04	0.32	0.0	0.0	-1.664e+04	-3223.10	38.68	8210.41	-1.133e+04	7.851e+05
		-1.149e+06	-1.133e+04	-0.02	0.0	600.0	-1.157e+04	-3223.10	38.68	8210.41	1.188e+04	-1.149e+06
75	76	7.851e+05	1.188e+04	0.32	0.0	0.0	-1.664e+04	-3223.10	38.68	8210.41	-1.133e+04	7.851e+05
		-1.149e+06	-1.133e+04	-0.02	0.0	600.0	-1.157e+04	-3223.10	38.68	8210.41	1.188e+04	-1.149e+06
76	1	1.247e+06	6.271e+04	-0.20	0.0	0.0	-2.105e+04	3641.12	220.54	6.941e+04	-6.961e+04	-9.378e+05
		-9.378e+05	-6.961e+04	0.05	0.0	600.0	-1.447e+04	3641.12	220.54	6.941e+04	6.271e+04	1.247e+06
76	2	9.551e+05	5.162e+04	-0.15	0.0	0.0	-1.616e+04	2866.40	181.23	5.262e+04	-5.711e+04	-7.647e+05
		-7.647e+05	-5.711e+04	0.04	0.0	600.0	-1.110e+04	2866.40	181.23	5.262e+04	5.162e+04	-7.647e+05
76	3	1.702e+06	8.034e+04	-0.29	0.0	0.0	-2.442e+04	4281.40	281.45	9.669e+04	-8.853e+04	-8.666e+05
		-8.666e+05	-8.853e+04	0.05	0.0	600.0	-1.784e+04	4281.40	281.45	9.669e+04	8.034e+04	1.702e+06
76	7	9.630e+05	4.856e+04	-0.16	0.0	0.0	-1.621e+04	2744.35	170.79	5.411e+04	-5.391e+04	-6.836e+05
		-6.836e+05	-5.391e+04	0.04	0.0	600.0	-1.115e+04	2744.35	170.79	5.411e+04	4.856e+04	-6.836e+05
76	8	1.267e+06	6.031e+04	-0.22	0.0	0.0	-1.845e+04	3171.20	211.39	7.230e+04	-6.652e+04	-6.361e+05
		-6.361e+05	-6.652e+04	0.04	0.0	600.0	-1.339e+04	3171.20	211.39	7.230e+04	6.031e+04	1.267e+06
76	18	1.093e+06	2.619e+05	-0.41	0.0	0.0	-1.674e+04	3772.35	903.36	1.388e+05	-2.801e+05	-1.176e+06
		-1.176e+06	-2.801e+05	0.04	0.0	600.0	-1.168e+04	3772.35	903.36	1.388e+05	2.619e+05	-1.176e+06
76	19	1.116e+06	2.619e+04	-0.43	0.0	0.0	-1.664e+04	3902.94	169.89	1.308e+05	-5.343e+04	-1.236e+06
		-1.236e+06	-5.343e+04	0.12	0.0	600.0	-1.158e+04	3902.94	169.89	1.308e+05	2.619e+04	-1.236e+06
76	21	8.704e+05	1.801e+05	0.07	0.0	0.0	-1.587e+04	1157.74	-587.39	-2.370e+04	1.801e+05	1.807e+05
		1.807e+05	-1.723e+05	0.03	0.0	600.0	-1.081e+04	1157.74	-587.39	-2.370e+04	-1.723e+05	8.704e+05
76	23	1.115e+06	4.102e+04	-0.43	0.0	0.0	-1.665e+04	3912.77	143.82	1.307e+05	-4.527e+04	-1.245e+06
		-1.245e+06	-4.527e+04	0.12	0.0	600.0	-1.159e+04	3912.77	143.82	1.307e+05	4.102e+04	-1.245e+06
76	38	9.838e+05	4.585e+05	-0.20	0.0	0.0	-1.656e+04	2626.43	1580.92	9.460e+04	-4.900e+05	-5.800e+05
		-5.800e+05	-4.900e+05	-0.11	0.0	600.0	-1.150e+04	2626.43	1580.92	9.460e+04	4.585e+05	-5.800e+05
76	50	1.093e+06	2.619e+05	-0.41	0.0	0.0	-1.674e+04	3772.35	903.36	1.388e+05	-2.801e+05	-1.176e+06
		-1.176e+06	-2.801e+05	0.04	0.0	600.0	-1.168e+04	3772.35	903.36	1.388e+05	2.619e+05	-1.176e+06
76	51	1.116e+06	4.851e+04	-0.43	0.0	0.0	-1.664e+04	3902.94	169.89	1.308e+05	-5.343e+04	-1.236e+06
		-1.236e+06	-5.343e+04	0.12	0.0	600.0	-1.158e+04	3902.94	169.89	1.308e+05	4.851e+04	-1.236e+06
76	53	8.704e+05	1.801e+05	0.07	0.0	0.0	-1.587e+04	1157.74	-587.39	-2.370e+04	1.801e+05	1.807e+05
		1.807e+05	-1.723e+05	0.03	0.0	600.0	-1.081e+04	1157.74	-587.39	-2.370e+04	-1.723e+05	8.704e+05
76	55	1.115e+06	4.102e+04	-0.43	0.0	0.0	-1.665e+04	3912.77	143.82	1.307e+05	-4.527e+04	-1.245e+06
		-1.245e+06	-4.527e+04	0.12	0.0	600.0	-1.159e+04	3912.77	143.82	1.307e+05	4.102e+04	-1.245e+06
76	70	9.838e+05	4.585e+05	-0.20	0.0	0.0	-1.656e+04	2626.43	1580.92	9.460e+04	-4.900e+05	-5.800e+05
		-5.800e+05	-4.900e+05	-0.11	0.0	600.0	-1.150e+04	2626.43	1580.92	9.460e+04	4.585e+05	-5.800e+05
76	74	9.815e+05	4.478e+04	-0.17	0.0	0.0	-1.631e+04	2465.05	157.99	5.755e+04	-5.001e+04	-4.975e+05
		-4.975e+05	-5.001e+04	0.03	0.0	600.0	-1.124e+04	2465.05	157.99	5.755e+04	4.478e+04	-4.975e+05
76	75	9.815e+05	4.478e+04	-0.17	0.0	0.0	-1.631e+04	2465.05	157.99	5.755e+04	-5.001e+04	-4.975e+05
		-4.975e+05	-5.001e+04	0.03	0.0	600.0	-1.124e+04	2465.05	157.99	5.755e+04	4.478e+04	-4.975e+05
76	76	9.815e+05	4.478e+04	-0.17	0.0	0.0	-1.631e+04	2465.05	157.99	5.755e+04	-5.001e+04	-4.975e+05
		-4.975e+05	-5.001e+04	0.03	0.0	600.0	-1.124e+04	2465.05	157.99	5.755e+04	4.478e+04	-4.975e+05
83	1	2.024e+04	-438.37	9.08e-03	0.0	0.0	-5566.56	-259.74	-101.15	6429.83	-438.37	2.024e+04
		9847.61	-4484.48	2.97e-03	0.0	40.0	-5449.56	-259.74	-101.15	6429.83	-4484.48	9847.61
83	2	1.630e+04	-5.40	7.16e-03	0.0	0.0	-4284.31	-216.03	-81.76	4937.87	-5.40	1.630e+04
		7659.67	-3275.69	2.49e-03	0.0	40.0	-4194.31	-216.03	-81.76	4937.87	-3275.69	7659.67
83	3	1.320e+04	-3562.35	7.42e-03	0.0	0.0	-6040.05	-58.85	-105.12	7607.48	-3562.35	1.320e+04
		1.085e+04	-7767.25	1.01e-03	0.0	40.0	-5923.05	-58.85	-105.12	7607.48	-7767.25	1.085e+04
83	6	1.193e+04	-2868.00	5.66e-03	0.0	0.0	-4279.72	-122.52	-64.87	4650.96	-2868.00	1.193e+04
		7032.95	-5462.94	7.83e-04	0.0	40.0	-4189.72	-122.52	-64.87	4650.96	-5462.94	7032.95
83	7	1.500e+04	-773.76	6.75e-03	0.0	0.0	-4282.06	-187.88	-76.10	4884.27	-773.76	1.500e+04
		7484.70	-3817.78	2.03e-03	0.0	40.0	-4192.06	-187.88	-76.10	4884.27	-3817.78	7484.70
83	8	1.031e+04	-2856.41	5.65e-03	0.0	0.0	-4597.72	-53.96	-78.75	5669.37	-2856.41	1.031e+04
		8152.42	-6006.29	7.23e-04	0.0	40.0	-4507.72	-53.96	-78.75	5669.37	-6006.29	8152.42
83	9	1.209e+04	-2682.17	5.76e-03	0.0	0.0	-4279.00	-125.54	-64.84	4692.99	-2682.17	1.209e+04
		7066.89	-5275.94	8.87e-04	0.0	40.0	-4189.00	-125.54	-64.84	4692.99	-5275.94	7066.89
83	14	1.466e+04	6362.31	3.33e-03	0.0	0.0	-2883.05	1676.40	184.79	1.859e+04	6362.31	1.466e+04
		-5.673e+04	-657.89	1.10e-03	0.0	40.0	-2793.05	1676.40	184.79	1.859e+04	-657.89	-5.673e+04
83	17	8.090e+04	-4706.44	8.18e-03	0.0	0.0	-5674.94	-1927.48	-314.48	-9207.19	-4706.44	8.090e+04
		-525.94	-1.691e+04	6.75e-04	0.0	40.0	-5584.94	-1927.48	-314.48	-9207.19	-1.691e+04	-525.94
83	38	1.930e+04	1.265e+04	5.74e-03	0.0	0.0	-1995.10	1468.01	402.48	2.797e+04	1.265e+04	1.930e+04
		-4.220e+04	-3812.01	-6.24e-03	0.0	40.0	-1905.10	1468.01	402.48	2.797e+04	-3812.01	-4.220e+04
83	41	6.638e+04	-1552.33	5.77e-03	0.0	0.0	-6562.89	-1719.09	-532.17	-1.858e+04	-1552.33	6.638e+04
		-5162.28	-2.320e+04	8.01e-03	0.0	40.0	-6472.89	-1719.09	-532.17	-1.858e+04	-2.320e+04	-5162.28
83	46	1.466e+04	6362.31	3.33e-03	0.0	0.0	-2883.05	1676.40	184.79	1.859e+04	6362.31	1.466e+04
		-5.673e+04	-657.89	1.10e-03	0.0	40.0	-2793.05	1676.40	184.79	1.859e+04	-657.89	-5.673e+04
83	49	8.090e+04	-4706.44	8.18e-03	0.0	0.0	-5674.94	-1927.48	-314.48	-9207.19	-4706.44	8.090e+04

		-525.94	-1.691e+04	6.75e-04	0.0	40.0	-5584.94	-1927.48	-314.48	-9207.19	-1.691e+04	-525.94
83	70	1.930e+04	1.265e+04	5.74e-03	0.0	0.0	-1995.10	1468.01	402.48	2.797e+04	-3812.01	-4.220e+04
		-4.220e+04	-3812.01	-6.24e-03	0.0	40.0	-1905.10	1468.01	402.48	2.797e+04	1.265e+04	1.930e+04
83	73	6.638e+04	-1552.33	5.77e-03	0.0	0.0	-6562.89	-1719.09	-532.17	-1.858e+04	-1552.33	6.638e+04
		-5162.28	-2.320e+04	8.01e-03	0.0	40.0	-6472.89	-1719.09	-532.17	-1.858e+04	-2.320e+04	-5162.28
83	74	1.209e+04	-2682.17	5.76e-03	0.0	0.0	-4279.00	-125.54	-64.84	4692.99	-2682.17	1.209e+04
		7066.89	-5275.94	8.87e-04	0.0	40.0	-4189.00	-125.54	-64.84	4692.99	-5275.94	7066.89
83	75	1.209e+04	-2682.17	5.76e-03	0.0	0.0	-4279.00	-125.54	-64.84	4692.99	-2682.17	1.209e+04
		7066.89	-5275.94	8.87e-04	0.0	40.0	-4189.00	-125.54	-64.84	4692.99	-5275.94	7066.89
83	76	1.209e+04	-2682.17	5.76e-03	0.0	0.0	-4279.00	-125.54	-64.84	4692.99	-2682.17	1.209e+04
		7066.89	-5275.94	8.87e-04	0.0	40.0	-4189.00	-125.54	-64.84	4692.99	-5275.94	7066.89
85	1	2.256e+04	2.643e+04	0.05	0.0	0.0	-5202.30	117.92	135.14	-292.61	-2.222e+04	-1.989e+04
		-1.989e+04	-2.222e+04	-0.06	0.0	360.0	-4260.45	117.92	135.14	-292.61	2.643e+04	2.256e+04
85	3	5735.71	2.744e+04	0.05	0.0	0.0	-4274.17	25.06	142.48	260.14	-2.385e+04	-3287.03
		-3287.03	-2.385e+04	-0.06	0.0	360.0	-3332.32	25.06	142.48	260.14	2.744e+04	5735.71
85	6	8625.67	1.931e+04	0.03	0.0	0.0	-3173.10	42.92	99.88	-31.89	-1.665e+04	-6823.73
		-6823.73	-1.665e+04	-0.04	0.0	360.0	-2448.60	42.92	99.88	-31.89	1.931e+04	8625.67
85	7	1.582e+04	2.016e+04	0.04	0.0	0.0	-3858.08	82.32	103.29	-192.69	-1.702e+04	-1.381e+04
		-1.381e+04	-1.702e+04	-0.05	0.0	360.0	-3133.58	82.32	103.29	-192.69	2.016e+04	1.582e+04
85	8	4606.34	2.083e+04	0.04	0.0	0.0	-3239.33	20.42	108.18	175.81	-1.811e+04	-2743.99
		-2743.99	-1.811e+04	-0.05	0.0	360.0	-2514.83	20.42	108.18	175.81	2.083e+04	4606.34
85	9	9314.84	1.937e+04	0.03	0.0	0.0	-3235.35	46.69	100.11	-44.33	-1.667e+04	-7493.47
		-7493.47	-1.667e+04	-0.04	0.0	360.0	-2510.85	46.69	100.11	-44.33	1.937e+04	9314.84
85	20	6.769e+04	4.129e+04	-0.04	0.0	0.0	-3409.19	370.88	222.77	-1075.96	-3.891e+04	-6.582e+04
		-6.582e+04	-3.891e+04	-0.14	0.0	360.0	-2684.69	370.88	222.77	-1075.96	4.129e+04	6.769e+04
85	39	8.284e+04	2.069e+04	0.15	0.0	0.0	-2991.31	-455.36	107.31	1855.60	-1.795e+04	8.284e+04
		-8.110e+04	-1.795e+04	-0.05	0.0	360.0	-2266.81	-455.36	107.31	1855.60	2.069e+04	-8.110e+04
85	40	9.972e+04	1.806e+04	-0.08	0.0	0.0	-3479.38	548.74	92.92	-1944.27	-1.538e+04	-9.782e+04
		-9.782e+04	-1.538e+04	-0.04	0.0	360.0	-2754.88	548.74	92.92	-1944.27	1.806e+04	9.972e+04
85	52	6.769e+04	4.129e+04	-0.04	0.0	0.0	-3409.19	370.88	222.77	-1075.96	-3.891e+04	-6.582e+04
		-6.582e+04	-3.891e+04	-0.14	0.0	360.0	-2684.69	370.88	222.77	-1075.96	4.129e+04	6.769e+04
85	71	8.284e+04	2.069e+04	0.15	0.0	0.0	-2991.31	-455.36	107.31	1855.60	-1.795e+04	8.284e+04
		-8.110e+04	-1.795e+04	-0.05	0.0	360.0	-2266.81	-455.36	107.31	1855.60	2.069e+04	-8.110e+04
85	72	9.972e+04	1.806e+04	-0.08	0.0	0.0	-3479.38	548.74	92.92	-1944.27	-1.538e+04	-9.782e+04
		-9.782e+04	-1.538e+04	-0.04	0.0	360.0	-2754.88	548.74	92.92	-1944.27	1.806e+04	9.972e+04
85	74	9314.84	1.937e+04	0.03	0.0	0.0	-3235.35	46.69	100.11	-44.33	-1.667e+04	-7493.47
		-7493.47	-1.667e+04	-0.04	0.0	360.0	-2510.85	46.69	100.11	-44.33	1.937e+04	9314.84
85	75	9314.84	1.937e+04	0.03	0.0	0.0	-3235.35	46.69	100.11	-44.33	-1.667e+04	-7493.47
		-7493.47	-1.667e+04	-0.04	0.0	360.0	-2510.85	46.69	100.11	-44.33	1.937e+04	9314.84
85	76	9314.84	1.937e+04	0.03	0.0	0.0	-3235.35	46.69	100.11	-44.33	-1.667e+04	-7493.47
		-7493.47	-1.667e+04	-0.04	0.0	360.0	-2510.85	46.69	100.11	-44.33	1.937e+04	9314.84
86	1	1.690e+04	6282.32	0.07	-1.37e-03	0.0	-2791.43	99.71	94.03	-1299.13	-2.746e+04	-1.889e+04
		-1.889e+04	-2.746e+04	0.02	1.05e-03	358.9	-1741.73	99.71	94.04	-1299.13	6282.32	1.690e+04
86	2	1.345e+04	4927.70	0.06	-1.06e-03	0.0	-2134.81	79.99	73.49	-1073.33	-2.144e+04	-1.525e+04
		-1.525e+04	-2.144e+04	0.01	8.11e-04	358.9	-1327.35	79.99	73.49	-1073.33	4927.70	1.345e+04
86	3	7269.28	4985.11	0.08	-1.37e-03	0.0	-3441.11	32.49	78.07	-9.60	-2.303e+04	-4390.29
		-4390.29	-2.303e+04	8.13e-03	1.05e-03	358.9	-2391.42	32.49	78.07	-9.60	4985.11	7269.28
86	7	1.228e+04	4655.79	0.06	-1.06e-03	0.0	-2161.75	71.56	70.08	-892.25	-2.049e+04	-1.340e+04
		-1.340e+04	-2.049e+04	0.01	8.11e-04	358.9	-1354.30	71.56	70.08	-892.25	4655.79	1.228e+04
86	8	5860.45	3790.99	0.06	-1.06e-03	0.0	-2594.88	26.75	59.43	-32.56	-1.754e+04	-3739.90
		-3739.90	-1.754e+04	6.05e-03	8.11e-04	358.9	-1787.42	26.75	59.43	-32.56	3790.99	5860.45
86	19	5.115e+04	3354.22	-0.06	-1.06e-03	0.0	-1821.89	339.36	56.88	-2904.61	-1.710e+04	-7.063e+04
		-7.063e+04	-1.710e+04	0.09	8.11e-04	358.9	-1014.43	339.36	56.88	-2904.61	3354.22	5.115e+04
86	20	5.329e+04	4523.93	0.16	-1.06e-03	0.0	-2632.47	-239.37	65.15	2035.21	-1.882e+04	-5.329e+04
		-5.329e+04	-1.882e+04	-0.09	8.11e-04	358.9	-1825.02	-239.37	65.15	2035.21	4523.93	-3.262e+04
86	38	3.467e+04	1.846e+04	-0.03	-1.06e-03	0.0	-1203.40	225.40	275.76	-4342.53	-8.053e+04	-4.622e+04
		-4.622e+04	-8.053e+04	-0.14	8.11e-04	358.9	-395.95	225.40	275.76	-4342.53	1.846e+04	3.467e+04
86	41	2.888e+04	4.461e+04	0.14	-1.06e-03	0.0	-3250.96	-125.41	-153.73	3473.13	4.461e+04	2.888e+04
		-2.888e+04	-4.461e+04	-0.14	8.11e-04	358.9	-2443.51	-125.41	-153.73	3473.13	-1.058e+04	-1.613e+04
86	51	5.115e+04	3354.22	-0.06	-1.06e-03	0.0	-1821.89	339.36	56.88	-2904.61	-1.710e+04	-7.063e+04
		-7.063e+04	-1.710e+04	0.09	8.11e-04	358.9	-1014.43	339.36	56.88	-2904.61	3354.22	5.115e+04
86	52	5.329e+04	4523.93	0.16	-1.06e-03	0.0	-2632.47	-239.37	65.15	2035.21	-1.882e+04	-5.329e+04
		-5.329e+04	-1.882e+04	-0.09	8.11e-04	358.9	-1825.02	-239.37	65.15	2035.21	4523.93	-3.262e+04
86	70	3.467e+04	1.846e+04	-0.03	-1.06e-03	0.0	-1203.40	225.40	275.76	-4342.53	-8.053e+04	-4.622e+04
		-4.622e+04	-8.053e+04	-0.14	8.11e-04	358.9	-395.95	225.40	275.76	-4342.53	1.846e+04	3.467e+04
86	73	2.888e+04	4.461e+04	0.14	-1.06e-03	0.0	-3250.96	-125.41	-153.73	3473.13	4.461e+04	2.888e+04
		-2.888e+04	-4.461e+04	-0.14	8.11e-04	358.9	-2443.51	-125.41	-153.73	3473.13	-1.058e+04	-1.613e+04
86	74	9268.36	3939.08	0.05	-1.06e-03	0.0	-2227.18	49.99	61.01	-434.70	-1.796e+04	-8672.91
		-8672.91	-1.796e+04	6.45e-03	8.11e-04	358.9	-1419.73	49.99	61.01	-434.70	3939.08	9268.36
86	75	9268.36	3939.08	0.05	-1.06e-03	0.0	-2227.18	49.99	61.01	-434.70	-1.796e+04	-8672.91
		-8672.91	-1.796e+04	6.45e-03	8.11e-04	358.9	-1419.73	49.99	61.01	-434.70	3939.08	9268.36
86	76	9268.36	3939.08	0.05	-1.06e-03	0.0	-2227.18	49.99	61.01	-434.70	-1.796e+04	-8672.91
		-8672.91	-1.796e+04	6.45e-03	8.11e-04	358.9	-1419.73	49.99	61.01	-434.70	3939.08	9268.36
87	1	1055.11	2764.06	0.08	-1.37e-03	0.0	-2958.66	27.21	48.23	-183.36	-1.454e+04	-8710.66
		-8710.66	-1.454e+04	0.01	1.05e-03	358.9	-1908.96	27.21	48.23	-183.36	2764.06	1055.11
87	3	3462.59	3014.03	0.08	-1.37e-03	0.0	-3320.90	-30.60	51.45	355.08	-1.545e+04	-7519.66
		-7519.66	-1.545e+04	-5.81e-03	1.05e-03	358.9	-2271.20	-30.60	51.45	355.08	3014.03	3462.59

87	4	4883.75	2342.61	0.06	-1.06e-03	0.0	-2644.93	-34.18	39.90	379.78	-1.198e+04	4883.75
		-7383.68	-1.198e+04	-6.92e-03	8.11e-04	358.9	-1837.48	-34.18	39.90	379.78	2342.61	-7383.68
87	6	-1374.75	2097.81	0.05	-1.06e-03	0.0	-2225.30	-3.75	36.37	54.87	-1.095e+04	-1374.75
		-2719.26	-1.095e+04	2.74e-03	8.11e-04	358.9	-1417.85	-3.75	36.37	54.87	2097.81	-2719.26
87	7	183.20	2112.66	0.06	-1.06e-03	0.0	-2267.20	16.55	36.85	-105.38	-1.111e+04	-5756.50
		-5756.50	-1.111e+04	8.61e-03	8.11e-04	358.9	-1459.75	16.55	36.85	-105.38	2112.66	183.20
87	8	2359.00	2279.30	0.06	-1.06e-03	0.0	-2508.70	-21.99	39.00	253.58	-1.172e+04	2359.00
		-5533.31	-1.172e+04	-4.67e-03	8.11e-04	358.9	-1701.24	-21.99	39.00	253.58	2279.30	-5533.31
87	9	-1813.32	2116.10	0.05	-1.06e-03	0.0	-2228.94	-1.70	36.65	36.98	-1.104e+04	-1813.32
		-2423.70	-1.104e+04	3.08e-03	8.11e-04	358.9	-1421.49	-1.70	36.65	36.98	2116.10	-2423.70
87	19	4.017e+04	2673.75	-0.06	-1.06e-03	0.0	-2488.41	275.22	46.72	-1644.60	-1.409e+04	-5.861e+04
		-5.861e+04	-1.409e+04	0.12	8.11e-04	358.9	-1680.95	275.22	46.72	-1644.60	2673.75	4.017e+04
87	20	5.498e+04	1558.45	0.17	-1.06e-03	0.0	-1969.48	-278.62	26.57	1718.55	-7976.26	5.498e+04
		-4.502e+04	-7976.26	-0.12	8.11e-04	358.9	-1162.02	-278.62	26.57	1718.55	1558.45	-4.502e+04
87	38	2.391e+04	1.839e+04	0.07	-1.06e-03	0.0	-3123.63	166.53	270.75	-2382.07	-7.878e+04	-3.590e+04
		-3.590e+04	-7.878e+04	-0.16	8.11e-04	358.9	-2316.17	166.53	270.75	-2382.07	1.839e+04	2.391e+04
87	41	3.227e+04	5.671e+04	0.04	-1.06e-03	0.0	-1334.26	-169.93	-197.46	2456.02	5.671e+04	3.227e+04
		-2.875e+04	-1.415e+04	0.16	8.11e-04	358.9	-526.80	-169.93	-197.46	2456.02	-1.415e+04	-2.875e+04
87	51	4.017e+04	2673.75	-0.06	-1.06e-03	0.0	-2488.41	275.22	46.72	-1644.60	-1.409e+04	-5.861e+04
		-5.861e+04	-1.409e+04	0.12	8.11e-04	358.9	-1680.95	275.22	46.72	-1644.60	2673.75	4.017e+04
87	52	5.498e+04	1558.45	0.17	-1.06e-03	0.0	-1969.48	-278.62	26.57	1718.55	-7976.26	5.498e+04
		-4.502e+04	-7976.26	-0.12	8.11e-04	358.9	-1162.02	-278.62	26.57	1718.55	1558.45	-4.502e+04
87	70	2.391e+04	1.839e+04	0.07	-1.06e-03	0.0	-3123.63	166.53	270.75	-2382.07	-7.878e+04	-3.590e+04
		-3.590e+04	-7.878e+04	-0.16	8.11e-04	358.9	-2316.17	166.53	270.75	-2382.07	1.839e+04	2.391e+04
87	73	3.227e+04	5.671e+04	0.04	-1.06e-03	0.0	-1334.26	-169.93	-197.46	2456.02	5.671e+04	3.227e+04
		-2.875e+04	-1.415e+04	0.16	8.11e-04	358.9	-526.80	-169.93	-197.46	2456.02	-1.415e+04	-2.875e+04
87	74	-1813.32	2116.10	0.05	-1.06e-03	0.0	-2228.94	-1.70	36.65	36.98	-1.104e+04	-1813.32
		-2423.70	-1.104e+04	3.08e-03	8.11e-04	358.9	-1421.49	-1.70	36.65	36.98	2116.10	-2423.70
87	75	-1813.32	2116.10	0.05	-1.06e-03	0.0	-2228.94	-1.70	36.65	36.98	-1.104e+04	-1813.32
		-2423.70	-1.104e+04	3.08e-03	8.11e-04	358.9	-1421.49	-1.70	36.65	36.98	2116.10	-2423.70
87	76	-1813.32	2116.10	0.05	-1.06e-03	0.0	-2228.94	-1.70	36.65	36.98	-1.104e+04	-1813.32
		-2423.70	-1.104e+04	3.08e-03	8.11e-04	358.9	-1421.49	-1.70	36.65	36.98	2116.10	-2423.70
90	2	1.014e+04	2027.92	0.06	0.0	0.0	-2375.18	-60.56	33.83	-704.42	-1.015e+04	1.014e+04
		-1.166e+04	-1.015e+04	0.01	0.0	360.0	-1565.18	-60.56	33.83	-704.42	2027.92	-1.166e+04
90	3	2.139e+04	3138.83	0.08	0.0	0.0	-3666.90	-124.76	55.68	-361.71	-1.691e+04	2.139e+04
		-2.352e+04	-1.691e+04	-0.02	0.0	360.0	-2613.90	-124.76	55.68	-361.71	3138.83	-2.352e+04
90	7	1.064e+04	2085.11	0.06	0.0	0.0	-2381.14	-62.77	35.26	-644.16	-1.061e+04	1.064e+04
		-1.196e+04	-1.061e+04	6.02e-03	0.0	360.0	-1571.14	-62.77	35.26	-644.16	2085.11	-1.196e+04
90	8	1.598e+04	2379.87	0.06	0.0	0.0	-2765.02	-92.91	42.27	-289.57	-1.284e+04	1.598e+04
		-1.746e+04	-1.284e+04	-0.01	0.0	360.0	-1955.02	-92.91	42.27	-289.57	2379.87	-1.746e+04
90	20	6.624e+04	856.46	0.17	0.0	0.0	-2490.64	-326.57	217.96	545.11	-6.588e+04	6.624e+04
		-5.133e+04	-6.588e+04	-0.17	0.0	360.0	-1680.64	-326.57	217.96	545.11	856.46	-5.133e+04
90	31	2.041e+04	7.190e+04	-0.05	0.0	0.0	-2296.38	152.87	-240.53	1356.75	7.190e+04	-3.462e+04
		-3.462e+04	-1.119e+04	0.24	0.0	360.0	-1486.38	152.87	-240.53	1356.75	-1.119e+04	2.041e+04
90	32	5.860e+04	1.557e+04	0.15	0.0	0.0	-2495.50	-290.53	317.03	-2312.38	-9.507e+04	5.860e+04
		-4.599e+04	-9.507e+04	-0.26	0.0	360.0	-1685.50	-290.53	317.03	-2312.38	1.557e+04	-4.599e+04
90	52	6.624e+04	856.46	0.17	0.0	0.0	-2490.64	-326.57	217.96	545.11	-6.588e+04	6.624e+04
		-5.133e+04	-6.588e+04	-0.17	0.0	360.0	-1680.64	-326.57	217.96	545.11	856.46	-5.133e+04
90	63	2.041e+04	7.190e+04	-0.05	0.0	0.0	-2296.38	152.87	-240.53	1356.75	7.190e+04	-3.462e+04
		-3.462e+04	-1.119e+04	0.24	0.0	360.0	-1486.38	152.87	-240.53	1356.75	-1.119e+04	2.041e+04
90	64	5.860e+04	1.557e+04	0.15	0.0	0.0	-2495.50	-290.53	317.03	-2312.38	-9.507e+04	5.860e+04
		-4.599e+04	-9.507e+04	-0.26	0.0	360.0	-1685.50	-290.53	317.03	-2312.38	1.557e+04	-4.599e+04
90	74	1.199e+04	2186.73	0.05	0.0	0.0	-2395.94	-68.83	38.25	-477.81	-1.158e+04	1.199e+04
		-1.279e+04	-1.158e+04	-6.86e-03	0.0	360.0	-1585.94	-68.83	38.25	-477.81	2186.73	-1.279e+04
90	75	1.199e+04	2186.73	0.05	0.0	0.0	-2395.94	-68.83	38.25	-477.81	-1.158e+04	1.199e+04
		-1.279e+04	-1.158e+04	-6.86e-03	0.0	360.0	-1585.94	-68.83	38.25	-477.81	2186.73	-1.279e+04
90	76	1.199e+04	2186.73	0.05	0.0	0.0	-2395.94	-68.83	38.25	-477.81	-1.158e+04	1.199e+04
		-1.279e+04	-1.158e+04	-6.86e-03	0.0	360.0	-1585.94	-68.83	38.25	-477.81	2186.73	-1.279e+04
95	1	4585.32	2.828e+04	0.04	0.0	0.0	-7005.68	165.18	246.85	3255.32	-7014.50	-1.904e+04
		-1.904e+04	-7014.50	0.02	0.0	143.0	-6587.41	165.18	246.85	3255.32	2.828e+04	4585.32
95	3	1.067e+04	2.519e+04	0.03	0.0	0.0	-7240.61	207.28	233.90	2958.83	-8258.28	-1.897e+04
		-1.897e+04	-8258.28	0.01	0.0	143.0	-6822.34	207.28	233.90	2958.83	2.519e+04	1.067e+04
95	6	5639.72	1.911e+04	0.02	0.0	0.0	-5194.90	136.35	172.79	2168.53	-5594.04	-1.386e+04
		-1.386e+04	-5594.04	7.95e-03	0.0	143.0	-4873.15	136.35	172.79	2168.53	1.911e+04	5639.72
95	7	3901.79	2.129e+04	0.03	0.0	0.0	-5354.12	128.71	186.84	2446.25	-5423.75	-1.450e+04
		-1.450e+04	-5423.75	0.01	0.0	143.0	-5032.37	128.71	186.84	2446.25	2.129e+04	3901.79
95	8	7959.95	1.923e+04	0.02	0.0	0.0	-5510.74	156.77	178.21	2248.60	-6252.94	-1.446e+04
		-1.446e+04	-6252.94	7.93e-03	0.0	143.0	-5188.99	156.77	178.21	2248.60	1.923e+04	7959.95
95	9	5465.45	1.932e+04	0.02	0.0	0.0	-5211.77	135.59	174.22	2193.09	-5591.14	-1.392e+04
		-1.392e+04	-5591.14	8.38e-03	0.0	143.0	-4890.02	135.59	174.22	2193.09	1.932e+04	5465.45
95	18	-7331.20	2.851e+04	0.02	0.0	0.0	-6190.37	-23.40	158.74	1651.24	-5054.56	-7331.20
		-1.480e+04	-5054.56	0.01	0.0	143.0	-5868.62	-23.40	158.74	1651.24	2.851e+04	-1.480e+04
95	21	2.573e+04	1.013e+04	0.03	0.0	0.0	-4233.16	294.57	189.69	2734.94	-6127.71	-2.052e+04
		-2.052e+04	-6127.71	6.31e-03	0.0	143.0	-3911.41	294.57	189.69	2734.94	1.013e+04	2.573e+04
95	32	334.80	2.976e+04	0.03	0.0	0.0	-5669.80	112.84	352.08	5191.72	-1.739e+04	-1.029e+04
		-1.029e+04	-1.739e+04	-0.01	0.0	143.0	-5348.05	112.84	352.08	5191.72	2.976e+04	334.80
95	38	-5609.68	3.358e+04	0.04	0.0	0.0	-5960.76	24.61	316.61	4460.18	-1.497e+04	-5609.68

		-5794.62	-1.497e+04	-8.83e-03	0.0	143.0	-5639.01	24.61	316.61	4460.18	3.358e+04	-5794.62
95	41	1.673e+04	5060.79	9.89e-03	0.0	0.0	-4462.77	246.57	31.82	-74.00	3783.21	-2.224e+04
		-2.224e+04	3783.21	0.03	0.0	143.0	-4141.02	246.57	31.82	-74.00	5060.79	1.673e+04
95	50	-7331.20	2.851e+04	0.02	0.0	0.0	-6190.37	-23.40	158.74	1651.24	-5054.56	-7331.20
		-1.480e+04	-5054.56	0.01	0.0	143.0	-5868.62	-23.40	158.74	1651.24	2.851e+04	-1.480e+04
95	53	2.573e+04	1.013e+04	0.03	0.0	0.0	-4233.16	294.57	189.69	2734.94	-6127.71	-2.052e+04
		-2.052e+04	-6127.71	6.31e-03	0.0	143.0	-3911.41	294.57	189.69	2734.94	1.013e+04	2.573e+04
95	64	334.80	2.976e+04	0.03	0.0	0.0	-5669.80	112.84	352.08	5191.72	-1.739e+04	-1.029e+04
		-1.029e+04	-1.739e+04	-0.01	0.0	143.0	-5348.05	112.84	352.08	5191.72	2.976e+04	334.80
95	70	-5609.68	3.358e+04	0.04	0.0	0.0	-5960.76	24.61	316.61	4460.18	-1.497e+04	-5609.68
		-5794.62	-1.497e+04	-8.83e-03	0.0	143.0	-5639.01	24.61	316.61	4460.18	3.358e+04	-5794.62
95	73	1.673e+04	5060.79	9.89e-03	0.0	0.0	-4462.77	246.57	31.82	-74.00	3783.21	-2.224e+04
		-2.224e+04	3783.21	0.03	0.0	143.0	-4141.02	246.57	31.82	-74.00	5060.79	1.673e+04
95	74	5465.45	1.932e+04	0.02	0.0	0.0	-5211.77	135.59	174.22	2193.09	-5591.14	-1.392e+04
		-1.392e+04	-5591.14	8.38e-03	0.0	143.0	-4890.02	135.59	174.22	2193.09	1.932e+04	5465.45
95	75	5465.45	1.932e+04	0.02	0.0	0.0	-5211.77	135.59	174.22	2193.09	-5591.14	-1.392e+04
		-1.392e+04	-5591.14	8.38e-03	0.0	143.0	-4890.02	135.59	174.22	2193.09	1.932e+04	5465.45
95	76	5465.45	1.932e+04	0.02	0.0	0.0	-5211.77	135.59	174.22	2193.09	-5591.14	-1.392e+04
		-1.392e+04	-5591.14	8.38e-03	0.0	143.0	-4890.02	135.59	174.22	2193.09	1.932e+04	5465.45
97	3	1.562e+04	1605.14	0.07	0.0	0.0	-3516.68	-96.04	20.52	782.92	-5782.56	1.562e+04
		-1.895e+04	-5782.56	-0.01	0.0	360.0	-2463.68	-96.04	20.52	782.92	1605.14	-1.895e+04
97	6	8869.90	1055.01	0.05	0.0	0.0	-2307.86	-53.01	11.46	393.88	-3071.53	8869.90
		-1.021e+04	-3071.53	-6.89e-03	0.0	360.0	-1497.86	-53.01	11.46	393.88	1055.01	-1.021e+04
97	8	1.167e+04	1207.16	0.05	0.0	0.0	-2652.25	-71.45	15.25	586.53	-4282.01	1.167e+04
		-1.405e+04	-4282.01	-0.01	0.0	360.0	-1842.25	-71.45	15.25	586.53	1207.16	-1.405e+04
97	9	8728.76	1061.77	0.05	0.0	0.0	-2307.71	-52.35	11.39	371.25	-3038.83	8728.76
		-1.012e+04	-3038.83	-5.91e-03	0.0	360.0	-1497.71	-52.35	11.39	371.25	1061.77	-1.012e+04
97	13	5.339e+04	4.491e+04	0.12	0.0	0.0	-2224.82	-265.28	-147.94	2508.81	4.491e+04	5.339e+04
		-4.211e+04	-8381.43	-0.02	0.0	360.0	-1414.82	-265.28	-147.94	2508.81	-8381.43	-4.211e+04
97	18	2.182e+04	7303.29	-0.02	0.0	0.0	-2179.58	160.23	-21.42	-1947.71	7303.29	-3.586e+04
		-3.586e+04	-417.25	0.02	0.0	360.0	-1369.58	160.23	-21.42	-1947.71	-417.25	2.182e+04
97	21	5.332e+04	2540.79	0.12	0.0	0.0	-2435.85	-264.92	44.20	2690.21	-1.338e+04	5.332e+04
		-4.205e+04	-1.338e+04	-0.04	0.0	360.0	-1625.85	-264.92	44.20	2690.21	2540.79	-4.205e+04
97	31	1.525e+04	8.099e+04	-0.02	0.0	0.0	-2332.96	-83.37	-269.58	2169.84	8.099e+04	1.525e+04
		-1.477e+04	-1.608e+04	0.24	0.0	360.0	-1522.96	-83.37	-269.58	2169.84	-1.608e+04	-1.477e+04
97	32	2210.15	1.820e+04	0.11	0.0	0.0	-2282.46	-21.32	292.37	-1427.34	-8.707e+04	2210.15
		-5463.83	-8.707e+04	-0.26	0.0	360.0	-1472.46	-21.32	292.37	-1427.34	1.820e+04	-5463.83
97	45	5.339e+04	4.491e+04	0.12	0.0	0.0	-2224.82	-265.28	-147.94	2508.81	4.491e+04	5.339e+04
		-4.211e+04	-8381.43	-0.02	0.0	360.0	-1414.82	-265.28	-147.94	2508.81	-8381.43	-4.211e+04
97	50	2.182e+04	7303.29	-0.02	0.0	0.0	-2179.58	160.23	-21.42	-1947.71	7303.29	-3.586e+04
		-3.586e+04	-417.25	0.02	0.0	360.0	-1369.58	160.23	-21.42	-1947.71	-417.25	2.182e+04
97	53	5.332e+04	2540.79	0.12	0.0	0.0	-2435.85	-264.92	44.20	2690.21	-1.338e+04	5.332e+04
		-4.205e+04	-1.338e+04	-0.04	0.0	360.0	-1625.85	-264.92	44.20	2690.21	2540.79	-4.205e+04
97	63	1.525e+04	8.099e+04	-0.02	0.0	0.0	-2332.96	-83.37	-269.58	2169.84	8.099e+04	1.525e+04
		-1.477e+04	-1.608e+04	0.24	0.0	360.0	-1522.96	-83.37	-269.58	2169.84	-1.608e+04	-1.477e+04
97	64	2210.15	1.820e+04	0.11	0.0	0.0	-2282.46	-21.32	292.37	-1427.34	-8.707e+04	2210.15
		-5463.83	-8.707e+04	-0.26	0.0	360.0	-1472.46	-21.32	292.37	-1427.34	1.820e+04	-5463.83
97	74	8728.76	1061.77	0.05	0.0	0.0	-2307.71	-52.35	11.39	371.25	-3038.83	8728.76
		-1.012e+04	-3038.83	-5.91e-03	0.0	360.0	-1497.71	-52.35	11.39	371.25	1061.77	-1.012e+04
97	75	8728.76	1061.77	0.05	0.0	0.0	-2307.71	-52.35	11.39	371.25	-3038.83	8728.76
		-1.012e+04	-3038.83	-5.91e-03	0.0	360.0	-1497.71	-52.35	11.39	371.25	1061.77	-1.012e+04
97	76	8728.76	1061.77	0.05	0.0	0.0	-2307.71	-52.35	11.39	371.25	-3038.83	8728.76
		-1.012e+04	-3038.83	-5.91e-03	0.0	360.0	-1497.71	-52.35	11.39	371.25	1061.77	-1.012e+04
100	1	5378.76	5837.95	0.07	0.0	0.0	-3089.67	40.30	39.80	-87.91	-8444.95	-9083.24
		-9083.24	-8444.95	0.01	0.0	358.9	-2039.98	40.30	39.80	-87.91	5837.95	5378.76
100	2	4443.45	4452.95	0.06	0.0	0.0	-2375.33	32.96	30.21	-81.55	-6389.80	-7384.12
		-7384.12	-6389.80	0.01	0.0	358.9	-1567.87	32.96	30.21	-81.55	4452.95	4443.45
100	3	-604.14	6532.29	0.07	0.0	0.0	-3584.28	-0.44	44.32	313.86	-9372.73	-604.14
		-761.77	-9372.73	-6.81e-03	0.0	358.9	-2534.58	-0.44	44.32	313.86	6532.29	-761.77
100	7	3620.45	4453.90	0.05	0.0	0.0	-2376.54	27.67	30.24	-33.39	-6397.14	-6308.71
		-6308.71	-6397.14	7.87e-03	0.0	358.9	-1569.09	27.67	30.24	-33.39	4453.90	3620.45
100	8	-473.23	4916.80	0.05	0.0	0.0	-2706.28	0.51	33.25	234.46	-7015.66	-655.98
		-655.98	-7015.66	-5.44e-03	0.0	358.9	-1898.82	0.51	33.25	234.46	4916.80	-473.23
100	18	3.089e+04	1.314e+04	-0.02	0.0	0.0	-1673.14	218.21	162.20	-3404.78	-4.523e+04	-4.749e+04
		-4.749e+04	-4.523e+04	0.02	0.0	358.9	-865.68	218.21	162.20	-3404.78	1.314e+04	3.089e+04
100	21	4.046e+04	3.278e+04	0.12	0.0	0.0	-3082.93	-190.36	-103.06	3602.78	3.278e+04	4.046e+04
		-2.793e+04	-4365.12	-0.02	0.0	358.9	-2275.47	-190.36	-103.06	3602.78	-4365.12	-2.793e+04
100	30	2.124e+04	2.098e+04	0.07	0.0	0.0	-1530.63	153.21	262.26	-3454.51	-7.323e+04	-3.389e+04
		-3.389e+04	-7.323e+04	-0.16	0.0	358.9	-723.17	153.21	262.26	-3454.51	2.098e+04	2.124e+04
100	33	2.687e+04	6.078e+04	0.03	0.0	0.0	-3225.44	-125.36	-203.12	3652.51	6.078e+04	2.687e+04
		-1.827e+04	-1.221e+04	0.16	0.0	358.9	-2417.98	-125.36	-203.12	3652.51	-1.221e+04	-1.827e+04
100	38	2.045e+04	2.075e+04	-0.02	0.0	0.0	-1533.62	138.98	263.04	-2703.09	-7.372e+04	-2.958e+04
		-2.958e+04	-7.372e+04	-0.17	0.0	358.9	-726.16	138.98	263.04	-2703.09	2.075e+04	2.045e+04
100	41	2.256e+04	6.127e+04	0.11	0.0	0.0	-3222.45	-111.14	-203.91	2901.10	6.127e+04	2.256e+04
		-1.748e+04	-1.197e+04	0.16	0.0	358.9	-2414.99	-111.14	-203.91	2901.10	-1.197e+04	-1.748e+04
100	50	3.089e+04	1.314e+04	-0.02	0.0	0.0	-1673.14	218.21	162.20	-3404.78	-4.523e+04	-4.749e+04
		-4.749e+04	-4.523e+04	0.02	0.0	358.9	-865.68	218.21	162.20	-3404.78	1.314e+04	3.089e+04

100	53	4.046e+04	3.278e+04	0.12	0.0	0.0	-3082.93	-190.36	-103.06	3602.78	3.278e+04	4.046e+04
		-2.793e+04	-4365.12	-0.02	0.0	358.9	-2275.47	-190.36	-103.06	3602.78	-4365.12	-2.793e+04
100	62	2.124e+04	2.098e+04	0.07	0.0	0.0	-1530.63	153.21	262.26	-3454.51	-7.323e+04	-3.389e+04
		-3.389e+04	-7.323e+04	-0.16	0.0	358.9	-723.17	153.21	262.26	-3454.51	2.098e+04	2.124e+04
100	65	2.687e+04	6.078e+04	0.03	0.0	0.0	-3225.44	-125.36	-203.12	3652.51	6.078e+04	2.687e+04
		-1.827e+04	-1.221e+04	0.16	0.0	358.9	-2417.98	-125.36	-203.12	3652.51	-1.221e+04	-1.827e+04
100	70	2.045e+04	2.075e+04	-0.02	0.0	0.0	-1533.62	138.98	263.04	-2703.09	-7.372e+04	-2.958e+04
		-2.958e+04	-7.372e+04	-0.17	0.0	358.9	-726.16	138.98	263.04	-2703.09	2.075e+04	2.045e+04
100	73	2.256e+04	6.127e+04	0.11	0.0	0.0	-3222.45	-111.14	-203.91	2901.10	6.127e+04	2.256e+04
		-1.748e+04	-1.197e+04	0.16	0.0	358.9	-2414.99	-111.14	-203.91	2901.10	-1.197e+04	-1.748e+04
100	74	1484.49	4386.87	0.05	0.0	0.0	-2378.03	13.92	29.57	99.00	-6223.81	-3512.53
		-3512.53	-6223.81	-2.58e-03	0.0	358.9	-1570.58	13.92	29.57	99.00	4386.87	1484.49
100	75	1484.49	4386.87	0.05	0.0	0.0	-2378.03	13.92	29.57	99.00	-6223.81	-3512.53
		-3512.53	-6223.81	-2.58e-03	0.0	358.9	-1570.58	13.92	29.57	99.00	4386.87	1484.49
100	76	1484.49	4386.87	0.05	0.0	0.0	-2378.03	13.92	29.57	99.00	-6223.81	-3512.53
		-3512.53	-6223.81	-2.58e-03	0.0	358.9	-1570.58	13.92	29.57	99.00	4386.87	1484.49
101	1	1.534e+04	7.300e+04	0.04	-1.37e-03	0.0	-1689.07	234.46	-580.27	-1727.46	7.300e+04	-1.793e+04
		-1.793e+04	-9319.07	0.03	1.05e-03	141.9	-1274.10	234.46	-580.27	-1727.46	-9319.07	1.534e+04
101	2	1.197e+04	5.590e+04	0.03	-1.06e-03	0.0	-1299.95	182.48	-443.90	-1271.08	5.590e+04	-1.392e+04
		-1.392e+04	-7071.80	0.03	8.11e-04	141.9	-980.74	182.48	-443.90	-1271.08	-7071.80	1.197e+04
101	3	1.303e+04	8.598e+04	0.03	-1.37e-03	0.0	-2139.48	227.53	-691.25	-3032.18	8.598e+04	-1.925e+04
		-1.925e+04	-1.209e+04	0.04	1.05e-03	141.9	-1724.51	227.53	-691.25	-3032.18	-1.209e+04	1.303e+04
101	7	1.155e+04	5.592e+04	0.03	-1.06e-03	0.0	-1303.54	178.02	-445.11	-1398.75	5.592e+04	-1.370e+04
		-1.370e+04	-7228.72	0.03	8.11e-04	141.9	-984.33	178.02	-445.11	-1398.75	-7228.72	1.155e+04
101	8	1.001e+04	6.457e+04	0.03	-1.06e-03	0.0	-1603.81	173.40	-519.10	-2268.56	6.457e+04	-1.458e+04
		-1.458e+04	-9075.94	0.03	8.11e-04	141.9	-1284.60	173.40	-519.10	-2268.56	-9075.94	1.001e+04
101	18	1.764e+04	1.133e+05	0.02	-1.06e-03	0.0	-873.41	101.32	-163.76	8911.48	1.133e+05	-1983.67
		-1983.67	2339.26	0.03	8.11e-04	141.9	-554.20	101.32	-163.76	8911.48	2339.26	1.764e+04
101	20	6389.49	2.081e+04	0.03	-1.06e-03	0.0	-2240.40	312.88	-919.37	-4733.25	2.081e+04	-3.355e+04
		-3.355e+04	-1.249e+04	-0.02	8.11e-04	141.9	-1921.19	312.88	-919.37	-4733.25	-1.249e+04	6389.49
101	34	1.906e+04	1.032e+05	0.02	-1.06e-03	0.0	-2281.56	268.25	-856.73	1.347e+04	1.032e+05	-2.096e+04
		-2.096e+04	315.16	-0.04	8.11e-04	141.9	-1962.35	268.25	-856.73	1.347e+04	315.16	1.906e+04
101	39	5332.71	3.205e+04	0.03	-1.06e-03	0.0	-302.57	8.96	-3.91	-1.324e+04	3.205e+04	3438.51
		3438.51	-1.491e+04	0.10	8.11e-04	141.9	16.64	8.95	-3.91	-1.324e+04	-1.491e+04	5332.71
101	40	1.567e+04	7.895e+04	0.03	-1.06e-03	0.0	-2330.57	325.67	-885.14	9815.02	7.895e+04	-2.991e+04
		-2.991e+04	-220.29	-0.06	8.11e-04	141.9	-2011.36	325.67	-885.14	9815.02	-220.29	1.567e+04
101	41	1957.53	4308.08	0.03	-1.06e-03	0.0	-712.67	72.42	-230.59	-1.733e+04	4308.08	-6030.44
		-6030.44	-1.936e+04	0.09	8.11e-04	141.9	-393.46	72.42	-230.59	-1.733e+04	-1.936e+04	1957.53
101	50	1.764e+04	1.133e+05	0.02	-1.06e-03	0.0	-873.41	101.32	-163.76	8911.48	1.133e+05	-1983.67
		-1983.67	2339.26	0.03	8.11e-04	141.9	-554.20	101.32	-163.76	8911.48	2339.26	1.764e+04
101	52	6389.49	2.081e+04	0.03	-1.06e-03	0.0	-2240.40	312.88	-919.37	-4733.25	2.081e+04	-3.355e+04
		-3.355e+04	-1.249e+04	-0.02	8.11e-04	141.9	-1921.19	312.88	-919.37	-4733.25	-1.249e+04	6389.49
101	66	1.906e+04	1.032e+05	0.02	-1.06e-03	0.0	-2281.56	268.25	-856.73	1.347e+04	1.032e+05	-2.096e+04
		-2.096e+04	315.16	-0.04	8.11e-04	141.9	-1962.35	268.25	-856.73	1.347e+04	315.16	1.906e+04
101	71	5332.71	3.205e+04	0.03	-1.06e-03	0.0	-302.57	8.96	-3.91	-1.324e+04	3.205e+04	3438.51
		3438.51	-1.491e+04	0.10	8.11e-04	141.9	16.64	8.95	-3.91	-1.324e+04	-1.491e+04	5332.71
101	72	1.567e+04	7.895e+04	0.03	-1.06e-03	0.0	-2330.57	325.67	-885.14	9815.02	7.895e+04	-2.991e+04
		-2.991e+04	-220.29	-0.06	8.11e-04	141.9	-2011.36	325.67	-885.14	9815.02	-220.29	1.567e+04
101	73	1957.53	4308.08	0.03	-1.06e-03	0.0	-712.67	72.42	-230.59	-1.733e+04	4308.08	-6030.44
		-6030.44	-1.936e+04	0.09	8.11e-04	141.9	-393.46	72.42	-230.59	-1.733e+04	-1.936e+04	1957.53
101	74	1.050e+04	5.550e+04	0.03	-1.06e-03	0.0	-1316.57	167.31	-444.53	-1711.02	5.550e+04	-1.324e+04
		-1.324e+04	-7564.71	0.02	8.11e-04	141.9	-997.36	167.31	-444.53	-1711.02	-7564.71	1.050e+04
101	75	1.050e+04	5.550e+04	0.03	-1.06e-03	0.0	-1316.57	167.31	-444.53	-1711.02	5.550e+04	-1.324e+04
		-1.324e+04	-7564.71	0.02	8.11e-04	141.9	-997.36	167.31	-444.53	-1711.02	-7564.71	1.050e+04
101	76	1.050e+04	5.550e+04	0.03	-1.06e-03	0.0	-1316.57	167.31	-444.53	-1711.02	5.550e+04	-1.324e+04
		-1.324e+04	-7564.71	0.02	8.11e-04	141.9	-997.36	167.31	-444.53	-1711.02	-7564.71	1.050e+04
102	1	3303.86	-1623.65	0.04	0.0	0.0	-6064.65	-45.75	-8.77	52.24	-1623.65	3303.86
		-5845.96	-3377.19	0.01	0.0	200.0	-5479.65	-45.75	-8.77	52.24	-3377.19	-5845.96
102	3	-108.76	52.99	0.03	0.0	0.0	-6489.14	3.94	29.80	311.47	-5906.47	-897.08
		-897.08	-5906.47	7.82e-04	0.0	200.0	-5904.14	3.94	29.80	311.47	52.99	-108.76
102	4	1028.76	601.76	0.02	0.0	0.0	-5097.34	12.39	29.24	286.83	-5245.97	-1450.00
		-1450.00	-5245.97	-1.40e-03	0.0	200.0	-4647.34	12.39	29.24	286.83	601.76	1028.76
102	6	925.47	-1172.89	0.02	0.0	0.0	-4615.95	-17.19	9.82	98.53	-3137.41	-2512.97
		-2512.97	-3137.41	1.15e-03	0.0	200.0	-4165.95	-17.19	9.82	98.53	-1172.89	925.47
102	7	2262.14	-1565.85	0.03	0.0	0.0	-4656.93	-32.03	-3.98	49.11	-1565.85	2262.14
		-4143.42	-2362.19	7.35e-03	0.0	200.0	-4206.93	-32.03	-3.98	49.11	-2362.19	-4143.42
102	8	-318.61	-75.40	0.02	0.0	0.0	-4939.93	1.10	21.73	221.92	-4421.06	-538.49
		-538.49	-4421.06	5.42e-04	0.0	200.0	-4489.93	1.10	21.73	221.92	-75.40	-318.61
102	9	1045.16	-1258.50	0.02	0.0	0.0	-4619.01	-18.62	8.78	96.39	-3015.36	-2679.76
		-2679.76	-3015.36	1.58e-03	0.0	200.0	-4169.01	-18.62	8.78	96.39	-1258.50	1045.16
102	19	-957.01	1.644e+04	0.02	0.0	0.0	-5226.87	-123.11	-190.25	-2603.30	1.644e+04	-957.01
		-1.945e+04	-2.162e+04	0.04	0.0	200.0	-4776.87	-123.11	-190.25	-2603.30	-2.162e+04	-1.945e+04
102	20	1.409e+04	1.910e+04	0.03	0.0	0.0	-4011.14	85.86	207.82	2796.08	-2.247e+04	3047.33
		3047.33	-2.247e+04	-0.04	0.0	200.0	-3561.14	85.86	207.82	2796.08	1.910e+04	1.409e+04
102	27	6156.34	2.453e+04	0.02	0.0	0.0	-5358.67	-112.03	-271.79	-2777.82	2.453e+04	6156.34
		-1.564e+04	-2.983e+04	0.06	0.0	200.0	-4908.67	-112.03	-271.79	-2777.82	-2.983e+04	-1.564e+04
102	28	1.028e+04	2.732e+04	0.03	0.0	0.0	-3879.34	74.78	289.36	2970.60	-3.056e+04	-4066.02

		-4066.02	-3.056e+04	-0.06	0.0	200.0	-3429.34	74.78	289.36	2970.60	2.732e+04	1.028e+04
102	32	1.043e+04	2.813e+04	0.03	0.0	0.0	-3889.88	76.95	297.32	3889.36	-3.133e+04	-3785.33
		-3785.33	-3.133e+04	-0.06	0.0	200.0	-3439.88	76.95	297.32	3889.36	2.813e+04	1.043e+04
102	51	-957.01	1.644e+04	0.02	0.0	0.0	-5226.87	-123.11	-190.25	-2603.30	1.644e+04	-957.01
		-1.945e+04	-2.162e+04	0.04	0.0	200.0	-4776.87	-123.11	-190.25	-2603.30	-2.162e+04	-1.945e+04
102	52	1.409e+04	1.910e+04	0.03	0.0	0.0	-4011.14	85.86	207.82	2796.08	-2.247e+04	3047.33
		3047.33	-2.247e+04	-0.04	0.0	200.0	-3561.14	85.86	207.82	2796.08	1.910e+04	1.409e+04
102	59	6156.34	2.453e+04	0.02	0.0	0.0	-5358.67	-112.03	-271.79	-2777.82	2.453e+04	6156.34
		-1.564e+04	-2.983e+04	0.06	0.0	200.0	-4908.67	-112.03	-271.79	-2777.82	-2.983e+04	-1.564e+04
102	60	1.028e+04	2.732e+04	0.03	0.0	0.0	-3879.34	74.78	289.36	2970.60	-3.056e+04	-4066.02
		-4066.02	-3.056e+04	-0.06	0.0	200.0	-3429.34	74.78	289.36	2970.60	2.732e+04	1.028e+04
102	64	1.043e+04	2.813e+04	0.03	0.0	0.0	-3889.88	76.95	297.32	3889.36	-3.133e+04	-3785.33
		-3785.33	-3.133e+04	-0.06	0.0	200.0	-3439.88	76.95	297.32	3889.36	2.813e+04	1.043e+04
102	74	1045.16	-1258.50	0.02	0.0	0.0	-4619.01	-18.62	8.78	96.39	-3015.36	1045.16
		-2679.76	-3015.36	1.58e-03	0.0	200.0	-4169.01	-18.62	8.78	96.39	-1258.50	-2679.76
102	75	1045.16	-1258.50	0.02	0.0	0.0	-4619.01	-18.62	8.78	96.39	-3015.36	1045.16
		-2679.76	-3015.36	1.58e-03	0.0	200.0	-4169.01	-18.62	8.78	96.39	-1258.50	-2679.76
102	76	1045.16	-1258.50	0.02	0.0	0.0	-4619.01	-18.62	8.78	96.39	-3015.36	1045.16
		-2679.76	-3015.36	1.58e-03	0.0	200.0	-4169.01	-18.62	8.78	96.39	-1258.50	-2679.76
103	1	8090.67	1.147e+04	0.04	0.0	0.0	-6211.50	-75.19	73.34	1521.13	-3198.51	8090.67
		-6948.16	-3198.51	0.01	0.0	200.0	-5626.50	-75.19	73.34	1521.13	1.147e+04	-6948.16
103	2	6600.05	8603.57	0.03	0.0	0.0	-4771.64	-61.41	53.96	1156.62	-2187.52	6600.05
		-5682.59	-2187.52	0.01	0.0	200.0	-4321.64	-61.41	53.96	1156.62	8603.57	-5682.59
103	3	1910.46	1.461e+04	0.03	0.0	0.0	-6797.24	-5.58	108.75	1796.30	-7137.77	1910.46
		795.14	-7137.77	2.46e-03	0.0	200.0	-6212.24	-5.58	108.75	1796.30	1.461e+04	795.14
103	7	5705.62	9037.42	0.03	0.0	0.0	-4783.48	-52.63	58.98	1179.53	-2757.85	5705.62
		-4820.95	-2757.85	9.15e-03	0.0	200.0	-4333.48	-52.63	58.98	1179.53	9037.42	-4820.95
103	8	1585.48	1.113e+04	0.02	0.0	0.0	-5173.96	-6.22	82.58	1362.97	-5384.02	1585.48
		341.25	-5384.02	1.74e-03	0.0	200.0	-4723.96	-6.22	82.58	1362.97	1.113e+04	341.25
103	18	7047.02	2.960e+04	0.02	0.0	0.0	-5234.63	-128.92	25.58	3905.53	409.78	7047.02
		-2.095e+04	409.78	0.01	0.0	200.0	-4784.63	-128.92	25.58	3905.53	2.960e+04	-2.095e+04
103	21	1.571e+04	-8659.87	0.03	0.0	0.0	-4386.17	68.09	116.22	-1445.98	-8659.87	-115.15
		-115.15	-9495.18	-3.83e-03	0.0	200.0	-3936.17	68.09	116.22	-1445.98	-9495.18	1.571e+04
103	30	7518.86	3.862e+04	0.03	0.0	0.0	-5345.10	-102.30	283.06	5007.23	-2.521e+04	7518.86
		-1.725e+04	-2.521e+04	-0.04	0.0	200.0	-4895.10	-102.30	283.06	5007.23	3.862e+04	-1.725e+04
103	32	5959.38	3.138e+04	0.03	0.0	0.0	-5171.15	-51.57	354.90	3990.19	-3.237e+04	5959.38
		-8056.60	-3.237e+04	-0.06	0.0	200.0	-4721.15	-51.57	354.90	3990.19	3.138e+04	-8056.60
103	34	8285.06	3.710e+04	0.04	0.0	0.0	-5483.47	-91.38	338.31	4754.89	-3.058e+04	8285.06
		-1.291e+04	-3.058e+04	-0.04	0.0	200.0	-5033.47	-91.38	338.31	4754.89	3.710e+04	-1.291e+04
103	37	7674.22	2.233e+04	7.30e-03	0.0	0.0	-4137.33	30.54	-196.51	-2295.34	2.233e+04	-1353.19
		-1353.19	-1.699e+04	0.05	0.0	200.0	-3687.33	30.54	-196.51	-2295.34	-1.699e+04	7674.22
103	50	7047.02	2.960e+04	0.02	0.0	0.0	-5234.63	-128.92	25.58	3905.53	409.78	7047.02
		-2.095e+04	409.78	0.01	0.0	200.0	-4784.63	-128.92	25.58	3905.53	2.960e+04	-2.095e+04
103	53	1.571e+04	-8659.87	0.03	0.0	0.0	-4386.17	68.09	116.22	-1445.98	-8659.87	-115.15
		-115.15	-9495.18	-3.83e-03	0.0	200.0	-3936.17	68.09	116.22	-1445.98	-9495.18	1.571e+04
103	62	7518.86	3.862e+04	0.03	0.0	0.0	-5345.10	-102.30	283.06	5007.23	-2.521e+04	7518.86
		-1.725e+04	-2.521e+04	-0.04	0.0	200.0	-4895.10	-102.30	283.06	5007.23	3.862e+04	-1.725e+04
103	64	5959.38	3.138e+04	0.03	0.0	0.0	-5171.15	-51.57	354.90	3990.19	-3.237e+04	5959.38
		-8056.60	-3.237e+04	-0.06	0.0	200.0	-4721.15	-51.57	354.90	3990.19	3.138e+04	-8056.60
103	66	8285.06	3.710e+04	0.04	0.0	0.0	-5483.47	-91.38	338.31	4754.89	-3.058e+04	8285.06
		-1.291e+04	-3.058e+04	-0.04	0.0	200.0	-5033.47	-91.38	338.31	4754.89	3.710e+04	-1.291e+04
103	69	7674.22	2.233e+04	7.30e-03	0.0	0.0	-4137.33	30.54	-196.51	-2295.34	2.233e+04	-1353.19
		-1353.19	-1.699e+04	0.05	0.0	200.0	-3687.33	30.54	-196.51	-2295.34	-1.699e+04	7674.22
103	74	3465.94	1.005e+04	0.02	0.0	0.0	-4810.40	-30.42	70.90	1229.77	-4125.04	3465.94
		-2617.28	-4125.04	3.36e-03	0.0	200.0	-4360.40	-30.42	70.90	1229.77	1.005e+04	-2617.28
103	75	3465.94	1.005e+04	0.02	0.0	0.0	-4810.40	-30.42	70.90	1229.77	-4125.04	3465.94
		-2617.28	-4125.04	3.36e-03	0.0	200.0	-4360.40	-30.42	70.90	1229.77	1.005e+04	-2617.28
103	76	3465.94	1.005e+04	0.02	0.0	0.0	-4810.40	-30.42	70.90	1229.77	-4125.04	3465.94
		-2617.28	-4125.04	3.36e-03	0.0	200.0	-4360.40	-30.42	70.90	1229.77	1.005e+04	-2617.28
104	1	1280.53	290.15	0.03	-1.37e-03	0.0	-3394.90	636.14	-118.74	-2394.55	290.15	-6.424e+04
		-6.424e+04	-1.194e+04	9.92e-03	1.05e-03	103.0	-3093.62	636.14	-118.74	-2394.55	-1.194e+04	1280.53
104	2	1130.90	-103.63	0.02	-1.06e-03	0.0	-2590.81	506.20	-86.92	-1754.63	-103.63	-5.101e+04
		-5.101e+04	-9056.29	8.14e-03	8.11e-04	103.0	-2359.06	506.20	-86.92	-1754.63	-9056.29	1130.90
104	3	1295.02	7144.08	0.02	-1.37e-03	0.0	-3993.10	459.97	-226.96	-3967.47	7144.08	-4.608e+04
		-4.608e+04	-1.623e+04	5.47e-03	1.05e-03	103.0	-3691.82	459.97	-226.96	-3967.47	-1.623e+04	1295.02
104	7	653.86	768.34	0.02	-1.06e-03	0.0	-2645.61	464.40	-98.07	-1929.75	768.34	-4.718e+04
		-4.718e+04	-9332.61	7.00e-03	8.11e-04	103.0	-2413.86	464.40	-98.07	-1929.75	-9332.61	653.86
104	8	663.51	5337.63	0.02	-1.06e-03	0.0	-3044.42	346.96	-170.22	-2978.37	5337.63	-3.507e+04
		-3.507e+04	-1.219e+04	4.03e-03	8.11e-04	103.0	-2812.67	346.96	-170.22	-2978.37	-1.219e+04	663.51
104	31	-1.650e+04	1.898e+04	0.02	-1.06e-03	0.0	-4445.45	-38.15	214.02	5227.59	6103.59	-1.650e+04
		-2.039e+04	6103.59	0.03	8.11e-04	103.0	-4213.70	-38.15	214.02	5227.59	1.898e+04	-2.039e+04
104	32	1.910e+04	-50.71	0.02	-1.06e-03	0.0	-1129.24	754.91	-467.01	-9913.52	-50.71	-5.861e+04
		-5.861e+04	-3.899e+04	-0.02	8.11e-04	103.0	-897.49	754.91	-467.01	-9913.52	-3.899e+04	1.910e+04
104	38	2.686e+04	-2508.66	0.03	-1.06e-03	0.0	-338.65	941.74	-313.75	-7818.01	-2508.66	-7.043e+04
		-7.043e+04	-2.990e+04	-7.33e-03	8.11e-04	103.0	-106.90	941.74	-313.75	-7818.01	-2.990e+04	2.686e+04
104	41	-4681.72	9895.27	5.03e-03	-1.06e-03	0.0	-5236.04	-224.98	60.76	3132.07	8561.54	-4681.72
		-2.815e+04	8561.54	0.02	8.11e-04	103.0	-5004.29	-224.98	60.76	3132.07	9895.27	-2.815e+04

104	63	-1.650e+04	1.898e+04	0.02	-1.06e-03	0.0	-4445.45	-38.15	214.02	5227.59	6103.59	-1.650e+04
		-2.039e+04	6103.59	0.03	8.11e-04	103.0	-4213.70	-38.15	214.02	5227.59	1.898e+04	-2.039e+04
104	64	1.910e+04	-50.71	0.02	-1.06e-03	0.0	-1129.24	754.91	-467.01	-9913.52	-50.71	-5.861e+04
		-5.861e+04	-3.899e+04	-0.02	8.11e-04	103.0	-897.49	754.91	-467.01	-9913.52	-3.899e+04	1.910e+04
104	70	2.686e+04	-2508.66	0.03	-1.06e-03	0.0	-338.65	941.74	-313.75	-7818.01	-2508.66	-7.043e+04
		-7.043e+04	-2.990e+04	-7.33e-03	8.11e-04	103.0	-106.90	941.74	-313.75	-7818.01	-2.990e+04	2.686e+04
104	73	-4681.72	9895.27	5.03e-03	-1.06e-03	0.0	-5236.04	-224.98	60.76	3132.07	8561.54	-4681.72
		-2.815e+04	8561.54	0.02	8.11e-04	103.0	-5004.29	-224.98	60.76	3132.07	9895.27	-2.815e+04
104	74	-642.67	3026.44	0.02	-1.06e-03	0.0	-2787.34	358.38	-126.50	-2342.97	3026.44	-3.756e+04
		-3.756e+04	-1.000e+04	4.21e-03	8.11e-04	103.0	-2555.59	358.38	-126.50	-2342.97	-1.000e+04	-642.67
104	75	-642.67	3026.44	0.02	-1.06e-03	0.0	-2787.34	358.38	-126.50	-2342.97	3026.44	-3.756e+04
		-3.756e+04	-1.000e+04	4.21e-03	8.11e-04	103.0	-2555.59	358.38	-126.50	-2342.97	-1.000e+04	-642.67
104	76	-642.67	3026.44	0.02	-1.06e-03	0.0	-2787.34	358.38	-126.50	-2342.97	3026.44	-3.756e+04
		-3.756e+04	-1.000e+04	4.21e-03	8.11e-04	103.0	-2555.59	358.38	-126.50	-2342.97	-1.000e+04	-642.67
105	1	-1.727e+04	983.14	0.03	0.0	0.0	-4381.19	-165.13	118.26	-1736.97	-1.120e+04	-1.727e+04
		-3.428e+04	-1.120e+04	8.22e-03	0.0	103.0	-4079.91	-165.13	118.26	-1736.97	983.14	-3.428e+04
105	3	-1.253e+04	-3074.18	0.02	0.0	0.0	-4531.55	100.90	14.25	-3495.27	-4541.57	-2.292e+04
		-2.292e+04	-4541.57	3.71e-03	0.0	103.0	-4230.27	100.90	14.25	-3495.27	-3074.18	-1.253e+04
105	4	-6071.62	-2252.97	0.01	0.0	0.0	-3538.13	122.67	-9.21	-2996.03	-2252.97	-1.871e+04
		-1.871e+04	-3201.60	2.33e-03	0.0	103.0	-3306.38	122.67	-9.21	-2996.03	-3201.60	-6071.62
105	6	-1.443e+04	82.58	0.02	0.0	0.0	-3231.00	-10.71	58.56	-1906.01	-5949.60	-1.443e+04
		-1.554e+04	-5949.60	2.62e-03	0.0	103.0	-2999.25	-10.71	58.56	-1906.01	82.58	-1.554e+04
105	7	-1.347e+04	642.64	0.02	0.0	0.0	-3346.00	-107.21	85.28	-1428.94	-8141.71	-1.347e+04
		-2.451e+04	-8141.71	5.69e-03	0.0	103.0	-3114.25	-107.21	85.28	-1428.94	642.64	-2.451e+04
105	8	-1.001e+04	-2062.24	0.02	0.0	0.0	-3446.24	70.14	15.94	-2601.14	-3704.19	-1.723e+04
		-1.723e+04	-3704.19	2.68e-03	0.0	103.0	-3214.49	70.14	15.94	-2601.14	-2062.24	-1.001e+04
105	9	-1.438e+04	127.22	0.02	0.0	0.0	-3241.49	-18.78	61.12	-1874.46	-6168.61	-1.438e+04
		-1.632e+04	-6168.61	2.88e-03	0.0	103.0	-3009.74	-18.78	61.12	-1874.46	127.22	-1.632e+04
105	19	-3203.92	2.039e+04	0.02	0.0	0.0	-1637.53	-279.72	349.87	3955.64	-1.182e+04	-3203.92
		-3.495e+04	-1.182e+04	0.02	0.0	103.0	-1405.77	-279.72	349.87	3955.64	2.039e+04	-3.495e+04
105	20	2315.10	-521.55	0.02	0.0	0.0	-4845.45	242.16	-227.62	-7704.57	-521.55	-2.556e+04
		-2.556e+04	-2.013e+04	-0.02	0.0	103.0	-4613.70	242.16	-227.62	-7704.57	-2.013e+04	2315.10
105	31	-6554.79	2.917e+04	0.02	0.0	0.0	-1049.16	-217.02	441.49	7183.98	-149.96	-6554.79
		-3.296e+04	-149.96	0.02	0.0	103.0	-817.41	-217.02	441.49	7183.98	2.917e+04	-3.296e+04
105	32	330.33	-1.219e+04	0.02	0.0	0.0	-5433.81	179.46	-319.24	-1.093e+04	-1.219e+04	-2.221e+04
		-2.221e+04	-2.892e+04	-0.02	0.0	103.0	-5202.06	179.46	-319.24	-1.093e+04	-2.892e+04	330.33
105	39	-1.564e+04	2.767e+04	0.02	0.0	0.0	-1015.31	-10.99	399.01	6759.81	-3006.09	-1.813e+04
		-1.813e+04	-3006.09	0.02	0.0	103.0	-783.56	-10.99	399.01	6759.81	2.767e+04	-1.564e+04
105	40	-1.063e+04	-9331.13	0.02	0.0	0.0	-5467.66	-26.57	-276.76	-1.051e+04	-9331.13	-1.063e+04
		-1.699e+04	-2.741e+04	-0.02	0.0	103.0	-5235.91	-26.57	-276.76	-1.051e+04	-2.741e+04	-1.699e+04
105	51	-3203.92	2.039e+04	0.02	0.0	0.0	-1637.53	-279.72	349.87	3955.64	-1.182e+04	-3203.92
		-3.495e+04	-1.182e+04	0.02	0.0	103.0	-1405.77	-279.72	349.87	3955.64	2.039e+04	-3.495e+04
105	52	2315.10	-521.55	0.02	0.0	0.0	-4845.45	242.16	-227.62	-7704.57	-521.55	-2.556e+04
		-2.556e+04	-2.013e+04	-0.02	0.0	103.0	-4613.70	242.16	-227.62	-7704.57	-2.013e+04	2315.10
105	63	-6554.79	2.917e+04	0.02	0.0	0.0	-1049.16	-217.02	441.49	7183.98	-149.96	-6554.79
		-3.296e+04	-149.96	0.02	0.0	103.0	-817.41	-217.02	441.49	7183.98	2.917e+04	-3.296e+04
105	64	330.33	-1.219e+04	0.02	0.0	0.0	-5433.81	179.46	-319.24	-1.093e+04	-1.219e+04	-2.221e+04
		-2.221e+04	-2.892e+04	-0.02	0.0	103.0	-5202.06	179.46	-319.24	-1.093e+04	-2.892e+04	330.33
105	71	-1.564e+04	2.767e+04	0.02	0.0	0.0	-1015.31	-10.99	399.01	6759.81	-3006.09	-1.813e+04
		-1.813e+04	-3006.09	0.02	0.0	103.0	-783.56	-10.99	399.01	6759.81	2.767e+04	-1.564e+04
105	72	-1.063e+04	-9331.13	0.02	0.0	0.0	-5467.66	-26.57	-276.76	-1.051e+04	-9331.13	-1.063e+04
		-1.699e+04	-2.741e+04	-0.02	0.0	103.0	-5235.91	-26.57	-276.76	-1.051e+04	-2.741e+04	-1.699e+04
105	74	-1.438e+04	127.22	0.02	0.0	0.0	-3241.49	-18.78	61.12	-1874.46	-6168.61	-1.438e+04
		-1.632e+04	-6168.61	2.88e-03	0.0	103.0	-3009.74	-18.78	61.12	-1874.46	127.22	-1.632e+04
105	75	-1.438e+04	127.22	0.02	0.0	0.0	-3241.49	-18.78	61.12	-1874.46	-6168.61	-1.438e+04
		-1.632e+04	-6168.61	2.88e-03	0.0	103.0	-3009.74	-18.78	61.12	-1874.46	127.22	-1.632e+04
105	76	-1.438e+04	127.22	0.02	0.0	0.0	-3241.49	-18.78	61.12	-1874.46	-6168.61	-1.438e+04
		-1.632e+04	-6168.61	2.88e-03	0.0	103.0	-3009.74	-18.78	61.12	-1874.46	127.22	-1.632e+04
106	2	4597.58	6317.95	0.03	0.0	0.0	-2858.35	-8.76	39.32	-159.48	-1545.35	4597.58
		2846.18	-1545.35	9.30e-03	0.0	200.0	-2408.35	-8.76	39.32	-159.48	6317.95	2846.18
106	3	6554.54	8137.23	0.03	0.0	0.0	-4015.14	25.65	71.68	-150.57	-6199.06	1423.82
		1423.82	-6199.06	-1.31e-03	0.0	200.0	-3430.14	25.65	71.68	-150.57	8137.23	6554.54
106	4	5378.84	6211.74	0.02	0.0	0.0	-3153.92	24.38	57.61	-111.25	-5310.38	502.27
		502.27	-5310.38	-2.49e-03	0.0	200.0	-2703.92	24.38	57.61	-111.25	6211.74	5378.84
106	5	6558.02	8615.72	0.03	0.0	0.0	-3738.59	20.84	68.36	-131.40	-5057.15	2390.01
		2390.01	-5057.15	1.74e-03	0.0	200.0	-3153.59	20.84	68.36	-131.40	8615.72	6558.02
106	7	3763.68	6406.58	0.03	0.0	0.0	-2863.83	-1.31	43.34	-142.10	-2262.39	3763.68
		3500.70	-2262.39	6.87e-03	0.0	200.0	-2413.83	-1.31	43.34	-142.10	6406.58	3500.70
106	8	5189.13	6335.77	0.02	0.0	0.0	-3060.87	20.78	55.54	-109.94	-4772.41	1033.47
		1033.47	-4772.41	-1.11e-03	0.0	200.0	-2610.87	20.78	55.54	-109.94	6335.77	5189.13
106	9	5191.45	6654.76	0.02	0.0	0.0	-2876.51	17.57	53.33	-97.16	-4011.14	1677.59
		1677.59	-4011.14	9.30e-04	0.0	200.0	-2426.51	17.57	53.33	-97.16	6654.76	5191.45
106	18	293.32	5066.19	0.02	0.0	0.0	-3193.71	-93.53	34.43	-600.76	1242.53	293.32
		-1.626e+04	1242.53	0.02	0.0	200.0	-2743.71	-93.53	34.43	-600.76	5066.19	-1.626e+04
106	21	2.664e+04	8243.33	0.03	0.0	0.0	-2559.30	128.67	72.23	406.44	-9264.81	3061.87
		3061.87	-9264.81	-0.02	0.0	200.0	-2109.30	128.67	72.23	406.44	8243.33	2.664e+04
106	31	1.271e+04	2.304e+04	0.01	0.0	0.0	-2618.75	47.68	-35.94	-1448.77	2.304e+04	-1663.31

		-1663.31	-2619.76	0.07	0.0	200.0	-2168.75	47.68	-35.94	-1448.77	-2619.76	1.271e+04
106	32	5018.50	1.593e+04	0.03	0.0	0.0	-3134.26	-12.54	142.59	1254.45	-3.106e+04	5018.50
		-2324.29	-3.106e+04	-0.07	0.0	200.0	-2684.26	-12.54	142.59	1254.45	1.593e+04	-2324.29
106	34	4437.24	1.360e+04	0.04	0.0	0.0	-3326.81	-44.39	112.92	590.79	-2.289e+04	4437.24
		-7134.89	-2.289e+04	-0.05	0.0	200.0	-2876.81	-44.39	112.92	590.79	1.360e+04	-7134.89
106	37	1.752e+04	1.487e+04	6.72e-03	0.0	0.0	-2426.20	79.52	-6.26	-785.11	1.487e+04	-1082.05
		-1082.05	-287.45	0.05	0.0	200.0	-1976.20	79.52	-6.26	-785.11	-287.45	1.752e+04
106	50	293.32	5066.19	0.02	0.0	0.0	-3193.71	-93.53	34.43	-600.76	1242.53	293.32
		-1.626e+04	1242.53	0.02	0.0	200.0	-2743.71	-93.53	34.43	-600.76	5066.19	-1.626e+04
106	53	2.664e+04	8243.33	0.03	0.0	0.0	-2559.30	128.67	72.23	406.44	-9264.81	3061.87
		3061.87	-9264.81	-0.02	0.0	200.0	-2109.30	128.67	72.23	406.44	8243.33	2.664e+04
106	63	1.271e+04	2.304e+04	0.01	0.0	0.0	-2618.75	47.68	-35.94	-1448.77	2.304e+04	-1663.31
		-1663.31	-2619.76	0.07	0.0	200.0	-2168.75	47.68	-35.94	-1448.77	-2619.76	1.271e+04
106	64	5018.50	1.593e+04	0.03	0.0	0.0	-3134.26	-12.54	142.59	1254.45	-3.106e+04	5018.50
		-2324.29	-3.106e+04	-0.07	0.0	200.0	-2684.26	-12.54	142.59	1254.45	1.593e+04	-2324.29
106	66	4437.24	1.360e+04	0.04	0.0	0.0	-3326.81	-44.39	112.92	590.79	-2.289e+04	4437.24
		-7134.89	-2.289e+04	-0.05	0.0	200.0	-2876.81	-44.39	112.92	590.79	1.360e+04	-7134.89
106	69	1.752e+04	1.487e+04	6.72e-03	0.0	0.0	-2426.20	79.52	-6.26	-785.11	1.487e+04	-1082.05
		-1082.05	-287.45	0.05	0.0	200.0	-1976.20	79.52	-6.26	-785.11	-287.45	1.752e+04
106	74	5191.45	6654.76	0.02	0.0	0.0	-2876.51	17.57	53.33	-97.16	-4011.14	1677.59
		1677.59	-4011.14	9.30e-04	0.0	200.0	-2426.51	17.57	53.33	-97.16	6654.76	5191.45
106	75	5191.45	6654.76	0.02	0.0	0.0	-2876.51	17.57	53.33	-97.16	-4011.14	1677.59
		1677.59	-4011.14	9.30e-04	0.0	200.0	-2426.51	17.57	53.33	-97.16	6654.76	5191.45
106	76	5191.45	6654.76	0.02	0.0	0.0	-2876.51	17.57	53.33	-97.16	-4011.14	1677.59
		1677.59	-4011.14	9.30e-04	0.0	200.0	-2426.51	17.57	53.33	-97.16	6654.76	5191.45
107	1	4561.22	4172.16	0.04	0.0	0.0	-3762.72	-6.10	-88.37	-208.78	4172.16	4561.22
		3340.38	-1.350e+04	0.01	0.0	200.0	-3177.72	-6.10	-88.37	-208.78	-1.350e+04	3340.38
107	3	3981.04	-40.47	0.03	0.0	0.0	-3993.76	11.52	-67.08	-162.48	-40.47	1677.79
		1677.79	-1.346e+04	-1.36e-03	0.0	200.0	-3408.76	11.52	-67.08	-162.48	-1.346e+04	3981.04
107	4	3065.42	-669.00	0.02	0.0	0.0	-3128.23	10.80	-48.48	-118.90	-669.00	906.00
		906.00	-1.037e+04	-2.65e-03	0.0	200.0	-2678.23	10.80	-48.48	-118.90	-1.037e+04	3065.42
107	5	5018.48	1487.67	0.03	0.0	0.0	-3737.14	14.78	-72.99	-160.32	1487.67	2061.94
		2061.94	-1.311e+04	2.48e-03	0.0	200.0	-3152.14	14.78	-72.99	-160.32	-1.311e+04	5018.48
107	6	4102.85	859.14	0.02	0.0	0.0	-2871.61	14.06	-54.39	-116.74	859.14	1290.16
		1290.16	-1.002e+04	1.34e-03	0.0	200.0	-2421.61	14.06	-54.39	-116.74	-1.002e+04	4102.85
107	7	3123.62	2810.01	0.03	0.0	0.0	-2890.42	-1.38	-65.64	-152.77	2810.01	3123.62
		2847.06	-1.032e+04	6.71e-03	0.0	200.0	-2440.42	-1.38	-65.64	-152.77	-1.032e+04	2847.06
107	8	3274.17	1.59	0.02	0.0	0.0	-3044.45	10.36	-51.44	-121.90	1.59	1201.33
		1201.33	-1.029e+04	-1.15e-03	0.0	200.0	-2594.45	10.36	-51.44	-121.90	-1.029e+04	3274.17
107	9	3965.79	1020.35	0.02	0.0	0.0	-2873.37	12.54	-55.38	-120.46	1020.35	1457.43
		1457.43	-1.006e+04	1.66e-03	0.0	200.0	-2423.37	12.54	-55.38	-120.46	-1.006e+04	3965.79
107	18	-3452.85	6352.18	0.02	0.0	0.0	-3104.64	-60.60	-77.71	-602.42	6352.18	-3452.85
		-1.387e+04	-1.147e+04	0.02	0.0	200.0	-2654.64	-60.60	-77.71	-602.42	-1.147e+04	-1.387e+04
107	21	2.181e+04	-4311.47	0.03	0.0	0.0	-2642.09	85.68	-33.06	361.49	-4311.47	6367.71
		6367.71	-8643.83	-0.02	0.0	200.0	-2192.09	85.68	-33.06	361.49	-8643.83	2.181e+04
107	31	7111.03	2.811e+04	0.02	0.0	0.0	-3499.01	-71.25	-148.48	-1424.04	2.811e+04	5010.86
		5010.86	-1.879e+04	0.07	0.0	200.0	-3049.01	-71.25	-148.48	-1424.04	-1.879e+04	7111.03
107	32	820.56	-1321.17	0.03	0.0	0.0	-2247.72	96.34	37.71	1183.11	-2.607e+04	-2095.99
		-2095.99	-2.607e+04	-0.07	0.0	200.0	-1797.72	96.34	37.71	1183.11	-1321.17	820.56
107	50	-3452.85	6352.18	0.02	0.0	0.0	-3104.64	-60.60	-77.71	-602.42	6352.18	-3452.85
		-1.387e+04	-1.147e+04	0.02	0.0	200.0	-2654.64	-60.60	-77.71	-602.42	-1.147e+04	-1.387e+04
107	53	2.181e+04	-4311.47	0.03	0.0	0.0	-2642.09	85.68	-33.06	361.49	-4311.47	6367.71
		6367.71	-8643.83	-0.02	0.0	200.0	-2192.09	85.68	-33.06	361.49	-8643.83	2.181e+04
107	63	7111.03	2.811e+04	0.02	0.0	0.0	-3499.01	-71.25	-148.48	-1424.04	2.811e+04	5010.86
		5010.86	-1.879e+04	0.07	0.0	200.0	-3049.01	-71.25	-148.48	-1424.04	-1.879e+04	7111.03
107	64	820.56	-1321.17	0.03	0.0	0.0	-2247.72	96.34	37.71	1183.11	-2.607e+04	-2095.99
		-2095.99	-2.607e+04	-0.07	0.0	200.0	-1797.72	96.34	37.71	1183.11	-1321.17	820.56
107	74	3965.79	1020.35	0.02	0.0	0.0	-2873.37	12.54	-55.38	-120.46	1020.35	1457.43
		1457.43	-1.006e+04	1.66e-03	0.0	200.0	-2423.37	12.54	-55.38	-120.46	-1.006e+04	3965.79
107	75	3965.79	1020.35	0.02	0.0	0.0	-2873.37	12.54	-55.38	-120.46	1020.35	1457.43
		1457.43	-1.006e+04	1.66e-03	0.0	200.0	-2423.37	12.54	-55.38	-120.46	-1.006e+04	3965.79
107	76	3965.79	1020.35	0.02	0.0	0.0	-2873.37	12.54	-55.38	-120.46	1020.35	1457.43
		1457.43	-1.006e+04	1.66e-03	0.0	200.0	-2423.37	12.54	-55.38	-120.46	-1.006e+04	3965.79
108	1	4.269e+04	1223.69	0.07	0.0	0.0	-2020.77	177.58	-3.12	529.67	1223.69	-2.124e+04
		-2.124e+04	100.63	7.56e-03	0.0	360.0	-967.77	177.58	-3.12	529.67	100.63	4.269e+04
108	3	5.330e+04	386.78	0.07	0.0	0.0	-2284.72	207.74	7.96	1273.97	-2477.95	-2.149e+04
		-2.149e+04	-2477.95	-0.02	0.0	360.0	-1231.72	207.74	7.96	1273.97	386.78	5.330e+04
108	4	4.346e+04	348.71	0.05	0.0	0.0	-1818.47	167.09	7.91	1109.42	-2499.77	-1.669e+04
		-1.669e+04	-2499.77	-0.02	0.0	360.0	-1008.47	167.09	7.91	1109.42	348.71	4.346e+04
108	6	3.237e+04	191.55	0.05	0.0	0.0	-1551.73	131.25	2.01	699.33	-530.69	-1.488e+04
		-1.488e+04	-530.69	-0.01	0.0	360.0	-741.73	131.25	2.01	699.33	191.55	3.237e+04
108	7	3.275e+04	703.06	0.06	0.0	0.0	-1553.91	135.59	-1.68	456.85	703.06	-1.606e+04
		-1.606e+04	97.12	2.80e-03	0.0	360.0	-743.91	135.59	-1.68	456.85	97.12	3.275e+04
108	8	3.982e+04	287.89	0.05	0.0	0.0	-1729.87	155.70	5.70	953.05	-1764.70	-1.623e+04
		-1.623e+04	-1764.70	-0.02	0.0	360.0	-919.87	155.70	5.70	953.05	287.89	3.982e+04
108	9	3.243e+04	183.12	0.05	0.0	0.0	-1552.05	131.81	1.76	679.65	-451.98	-1.502e+04
		-1.502e+04	-451.98	-0.01	0.0	360.0	-742.05	131.81	1.76	679.65	183.12	3.243e+04

108	10	5.071e+04	2425.51	-0.02	0.0	0.0	-1694.43	284.87	129.10	6753.76	-4.408e+04	-5.186e+04
		-5.186e+04	-4.408e+04	0.02	0.0	360.0	-884.43	284.87	129.10	6753.76	2425.51	5.071e+04
108	13	2.182e+04	4.318e+04	0.12	0.0	0.0	-1409.67	-21.25	-125.57	-5394.45	4.318e+04	2.182e+04
		1.415e+04	-2059.28	-0.03	0.0	360.0	-599.67	-21.25	-125.57	-5394.45	-2059.28	1.415e+04
108	31	2.985e+04	7.174e+04	-0.02	0.0	0.0	-1520.58	108.25	-207.73	-8587.93	7.174e+04	-9084.83
		-9084.83	-3102.80	0.29	0.0	360.0	-710.58	108.25	-207.73	-8587.93	-3102.80	2.985e+04
108	32	3.500e+04	3469.03	0.11	0.0	0.0	-1583.52	155.36	211.26	9947.24	-7.264e+04	-2.096e+04
		-2.096e+04	-7.264e+04	-0.32	0.0	360.0	-773.52	155.36	211.26	9947.24	3469.03	3.500e+04
108	42	5.071e+04	2425.51	-0.02	0.0	0.0	-1694.43	284.87	129.10	6753.76	-4.408e+04	-5.186e+04
		-5.186e+04	-4.408e+04	0.02	0.0	360.0	-884.43	284.87	129.10	6753.76	2425.51	5.071e+04
108	45	2.182e+04	4.318e+04	0.12	0.0	0.0	-1409.67	-21.25	-125.57	-5394.45	4.318e+04	2.182e+04
		1.415e+04	-2059.28	-0.03	0.0	360.0	-599.67	-21.25	-125.57	-5394.45	-2059.28	1.415e+04
108	63	2.985e+04	7.174e+04	-0.02	0.0	0.0	-1520.58	108.25	-207.73	-8587.93	7.174e+04	-9084.83
		-9084.83	-3102.80	0.29	0.0	360.0	-710.58	108.25	-207.73	-8587.93	-3102.80	2.985e+04
108	64	3.500e+04	3469.03	0.11	0.0	0.0	-1583.52	155.36	211.26	9947.24	-7.264e+04	-2.096e+04
		-2.096e+04	-7.264e+04	-0.32	0.0	360.0	-773.52	155.36	211.26	9947.24	3469.03	3.500e+04
108	74	3.243e+04	183.12	0.05	0.0	0.0	-1552.05	131.81	1.76	679.65	-451.98	-1.502e+04
		-1.502e+04	-451.98	-0.01	0.0	360.0	-742.05	131.81	1.76	679.65	183.12	3.243e+04
108	75	3.243e+04	183.12	0.05	0.0	0.0	-1552.05	131.81	1.76	679.65	-451.98	-1.502e+04
		-1.502e+04	-451.98	-0.01	0.0	360.0	-742.05	131.81	1.76	679.65	183.12	3.243e+04
108	76	3.243e+04	183.12	0.05	0.0	0.0	-1552.05	131.81	1.76	679.65	-451.98	-1.502e+04
		-1.502e+04	-451.98	-0.01	0.0	360.0	-742.05	131.81	1.76	679.65	183.12	3.243e+04
109	1	4.115e+04	165.01	0.08	0.0	0.0	-2011.46	166.62	26.85	755.83	-9501.47	-1.884e+04
		-1.884e+04	-9501.47	7.87e-03	0.0	360.0	-958.46	166.62	26.85	755.83	165.01	4.115e+04
109	3	5.098e+04	461.75	0.08	0.0	0.0	-2270.70	189.79	38.07	1516.29	-1.324e+04	-1.734e+04
		-1.734e+04	-1.324e+04	-0.02	0.0	360.0	-1217.70	189.79	38.07	1516.29	461.75	5.098e+04
109	6	3.101e+04	242.17	0.05	0.0	0.0	-1543.47	120.96	25.00	867.60	-8759.37	-1.254e+04
		-1.254e+04	-8759.37	-0.01	0.0	360.0	-733.47	120.96	25.00	867.60	242.17	3.101e+04
109	7	3.153e+04	146.83	0.06	0.0	0.0	-1546.56	126.85	21.36	629.70	-7543.06	-1.413e+04
		-1.413e+04	-7543.06	4.32e-03	0.0	360.0	-736.56	126.85	21.36	629.70	146.83	3.153e+04
109	8	3.809e+04	344.65	0.06	0.0	0.0	-1719.39	142.29	28.84	1136.68	-1.004e+04	-1.314e+04
		-1.314e+04	-1.004e+04	-0.02	0.0	360.0	-909.39	142.29	28.84	1136.68	344.65	3.809e+04
109	9	3.108e+04	233.68	0.05	0.0	0.0	-1543.87	121.64	24.77	848.59	-8682.80	-1.272e+04
		-1.272e+04	-8682.80	-0.01	0.0	360.0	-733.87	121.64	24.77	848.59	233.68	3.108e+04
109	11	5.290e+04	827.08	-0.06	0.0	0.0	-1689.69	301.12	42.73	2194.14	-1.456e+04	-5.551e+04
		-5.551e+04	-1.456e+04	0.17	0.0	360.0	-879.69	301.12	42.73	2194.14	827.08	5.290e+04
109	12	3.008e+04	-359.72	0.16	0.0	0.0	-1398.04	-57.83	6.80	-496.95	-2802.19	3.008e+04
		9254.69	-2802.19	-0.19	0.0	360.0	-588.04	-57.83	6.80	-496.95	-359.72	9254.69
109	19	5.354e+04	4.149e+04	-0.06	0.0	0.0	-1686.96	306.06	-121.80	-6217.23	4.149e+04	-5.665e+04
		-5.665e+04	-2389.94	0.20	0.0	360.0	-876.96	306.06	-121.80	-6217.23	-2389.94	5.354e+04
109	31	5.055e+04	6.311e+04	-0.05	0.0	0.0	-1659.16	279.32	-183.59	-8373.79	6.311e+04	-5.001e+04
		-5.001e+04	-3038.52	0.29	0.0	360.0	-849.16	279.32	-183.59	-8373.79	-3038.52	5.055e+04
109	32	2.458e+04	3505.88	0.15	0.0	0.0	-1428.57	-36.03	233.13	1.007e+04	-8.048e+04	2.458e+04
		1.160e+04	-8.048e+04	-0.32	0.0	360.0	-618.57	-36.03	233.13	1.007e+04	3505.88	1.160e+04
109	43	5.290e+04	827.08	-0.06	0.0	0.0	-1689.69	301.12	42.73	2194.14	-1.456e+04	-5.551e+04
		-5.551e+04	-1.456e+04	0.17	0.0	360.0	-879.69	301.12	42.73	2194.14	827.08	5.290e+04
109	44	3.008e+04	-359.72	0.16	0.0	0.0	-1398.04	-57.83	6.80	-496.95	-2802.19	3.008e+04
		9254.69	-2802.19	-0.19	0.0	360.0	-588.04	-57.83	6.80	-496.95	-359.72	9254.69
109	51	5.354e+04	4.149e+04	-0.06	0.0	0.0	-1686.96	306.06	-121.80	-6217.23	4.149e+04	-5.665e+04
		-5.665e+04	-2389.94	0.20	0.0	360.0	-876.96	306.06	-121.80	-6217.23	-2389.94	5.354e+04
109	63	5.055e+04	6.311e+04	-0.05	0.0	0.0	-1659.16	279.32	-183.59	-8373.79	6.311e+04	-5.001e+04
		-5.001e+04	-3038.52	0.29	0.0	360.0	-849.16	279.32	-183.59	-8373.79	-3038.52	5.055e+04
109	64	2.458e+04	3505.88	0.15	0.0	0.0	-1428.57	-36.03	233.13	1.007e+04	-8.048e+04	2.458e+04
		1.160e+04	-8.048e+04	-0.32	0.0	360.0	-618.57	-36.03	233.13	1.007e+04	3505.88	1.160e+04
109	74	3.108e+04	233.68	0.05	0.0	0.0	-1543.87	121.64	24.77	848.59	-8682.80	-1.272e+04
		-1.272e+04	-8682.80	-0.01	0.0	360.0	-733.87	121.64	24.77	848.59	233.68	3.108e+04
109	75	3.108e+04	233.68	0.05	0.0	0.0	-1543.87	121.64	24.77	848.59	-8682.80	-1.272e+04
		-1.272e+04	-8682.80	-0.01	0.0	360.0	-733.87	121.64	24.77	848.59	233.68	3.108e+04
109	76	3.108e+04	233.68	0.05	0.0	0.0	-1543.87	121.64	24.77	848.59	-8682.80	-1.272e+04
		-1.272e+04	-8682.80	-0.01	0.0	360.0	-733.87	121.64	24.77	848.59	233.68	3.108e+04
212	1	2.095e+04	3.391e+04	0.02	0.0	0.0	-5959.22	-83.36	188.41	745.90	-3.392e+04	2.095e+04
		-9065.86	-3.392e+04	0.04	0.0	360.0	-4906.22	-83.36	188.41	745.90	3.391e+04	-9065.86
212	3	2.196e+04	3.152e+04	0.01	0.0	0.0	-5249.27	-87.02	174.84	1719.34	-3.142e+04	2.196e+04
		-9363.88	-3.142e+04	0.03	0.0	360.0	-4196.27	-87.02	174.84	1719.34	3.152e+04	-9363.88
212	4	1.726e+04	2.409e+04	9.93e-03	0.0	0.0	-3939.72	-68.32	133.52	1486.12	-2.397e+04	1.726e+04
		-7338.11	-2.397e+04	0.03	0.0	360.0	-3129.72	-68.32	133.52	1486.12	2.409e+04	-7338.11
212	7	1.596e+04	2.553e+04	0.01	0.0	0.0	-4489.56	-63.48	141.91	658.03	-2.555e+04	1.596e+04
		-6888.89	-2.555e+04	0.03	0.0	360.0	-3679.56	-63.48	141.91	658.03	2.553e+04	-6888.89
212	8	1.664e+04	2.394e+04	9.91e-03	0.0	0.0	-4016.26	-65.91	132.85	1306.99	-2.389e+04	1.664e+04
		-7087.57	-2.389e+04	0.03	0.0	360.0	-3206.26	-65.91	132.85	1306.99	2.394e+04	-7087.57
212	22	1.013e+04	1.643e+04	-0.02	0.0	0.0	-5134.69	-45.03	80.84	-2646.64	-1.643e+04	1.013e+04
		-9882.27	-1.643e+04	0.03	0.0	360.0	-4324.69	-45.03	80.84	-2646.64	1.665e+04	-9882.27
212	32	2.467e+04	1.111e+04	0.04	0.0	0.0	-5130.98	-92.48	74.77	-740.92	-1.582e+04	2.467e+04
		-7604.39	-1.582e+04	4.00e-03	0.0	360.0	-4320.98	-92.48	74.77	-740.92	1.111e+04	-7604.39
212	37	1.237e+04	4.088e+04	0.02	0.0	0.0	-2479.79	-47.92	209.60	3456.54	-3.459e+04	1.237e+04
		-3876.85	-3.459e+04	0.04	0.0	360.0	-1669.79	-47.92	209.60	3456.54	4.088e+04	-3876.85
212	38	1.802e+04	5417.94	-6.57e-03	0.0	0.0	-5693.75	-72.21	48.27	-1458.35	-1.195e+04	1.802e+04

		-9290.26-1.195e+04	6.98e-03	0.0	360.0	-4883.75	-72.21	48.27	-1458.35	5417.94	-9290.26
212	41	1.256e+04 4.087e+04	0.02	0.0	0.0	-2477.09	-48.94	209.47	3502.65	-3.455e+04	1.256e+04
		-3740.40-3.455e+04	0.04	0.0	360.0	-1667.09	-48.94	209.47	3502.65	4.087e+04	-3740.40
212	54	1.013e+04 1.265e+04	-0.02	0.0	0.0	-5134.69	-45.03	80.84	-2646.64	-1.643e+04	1.013e+04
		-9882.27-1.643e+04	0.03	0.0	360.0	-4324.69	-45.03	80.84	-2646.64	1.265e+04	-9882.27
212	64	2.467e+04 1.111e+04	0.04	0.0	0.0	-5130.98	-92.48	74.77	-740.92	-1.582e+04	2.467e+04
		-7604.39-1.582e+04	4.00e-03	0.0	360.0	-4320.98	-92.48	74.77	-740.92	1.111e+04	-7604.39
212	69	1.237e+04 4.088e+04	0.02	0.0	0.0	-2479.79	-47.92	209.60	3456.54	-3.459e+04	1.237e+04
		-3876.85-3.459e+04	0.04	0.0	360.0	-1669.79	-47.92	209.60	3456.54	4.088e+04	-3876.85
212	70	1.802e+04 5417.94	-6.57e-03	0.0	0.0	-5693.75	-72.21	48.27	-1458.35	-1.195e+04	1.802e+04
		-9290.26-1.195e+04	6.98e-03	0.0	360.0	-4883.75	-72.21	48.27	-1458.35	5417.94	-9290.26
212	73	1.256e+04 4.087e+04	0.02	0.0	0.0	-2477.09	-48.94	209.47	3502.65	-3.455e+04	1.256e+04
		-3740.40-3.455e+04	0.04	0.0	360.0	-1667.09	-48.94	209.47	3502.65	4.087e+04	-3740.40
212	74	1.529e+04 2.315e+04	9.40e-03	0.0	0.0	-4085.42	-60.58	128.87	1022.15	-2.325e+04	1.529e+04
		-6515.33-2.325e+04	0.02	0.0	360.0	-3275.42	-60.58	128.87	1022.15	2.315e+04	-6515.33
212	75	1.529e+04 2.315e+04	9.40e-03	0.0	0.0	-4085.42	-60.58	128.87	1022.15	-2.325e+04	1.529e+04
		-6515.33-2.325e+04	0.02	0.0	360.0	-3275.42	-60.58	128.87	1022.15	2.315e+04	-6515.33
212	76	1.529e+04 2.315e+04	9.40e-03	0.0	0.0	-4085.42	-60.58	128.87	1022.15	-2.325e+04	1.529e+04
		-6515.33-2.325e+04	0.02	0.0	360.0	-3275.42	-60.58	128.87	1022.15	2.315e+04	-6515.33
213	1	2.211e+04 2.723e+04	0.02	0.0	0.0	-4291.51	-112.37	155.74	-851.94	-2.883e+04	2.211e+04
		-1.835e+04-2.883e+04	0.03	0.0	360.0	-5238.51	-112.37	155.74	-851.94	2.723e+04	-1.835e+04
213	3	2.257e+04 2.336e+04	0.01	0.0	0.0	-5744.63	-112.10	131.00	-292.91	-2.380e+04	2.257e+04
		-1.779e+04-2.380e+04	0.03	0.0	360.0	-4691.63	-112.10	131.00	-292.91	2.336e+04	-1.779e+04
213	6	1.588e+04 1.633e+04	9.27e-03	0.0	0.0	-4340.38	-80.30	92.15	-244.04	-1.685e+04	1.588e+04
		-1.303e+04-1.685e+04	0.02	0.0	360.0	-3530.38	-80.30	92.15	-244.04	1.633e+04	-1.303e+04
213	7	1.681e+04 2.015e+04	0.01	0.0	0.0	-4752.98	-85.38	115.01	-584.39	-2.125e+04	1.681e+04
		-1.393e+04-2.125e+04	0.02	0.0	360.0	-3942.98	-85.38	115.01	-584.39	2.015e+04	-1.393e+04
213	8	1.712e+04 1.757e+04	0.01	0.0	0.0	-4388.40	-85.21	98.52	-211.70	-1.790e+04	1.712e+04
		-1.355e+04-1.790e+04	0.02	0.0	360.0	-3578.40	-85.21	98.52	-211.70	1.757e+04	-1.355e+04
213	9	1.596e+04 1.667e+04	9.51e-03	0.0	0.0	-4378.01	-80.74	94.22	-274.25	-1.725e+04	1.596e+04
		-1.311e+04-1.725e+04	0.02	0.0	360.0	-3568.01	-80.74	94.22	-274.25	1.667e+04	-1.311e+04
213	22	9369.62 1.760e+04	-0.02	0.0	0.0	-4139.65	-59.35	100.43	-1055.64	-1.890e+04	9369.62
		-1.669e+04-1.890e+04	0.02	0.0	360.0	-3329.65	-59.35	100.43	-1055.64	1.760e+04	-1.669e+04
213	31	8269.38 2.777e+04	-0.02	0.0	0.0	-3207.84	-56.19	145.01	235.36	-2.479e+04	8269.38
		-1.293e+04-2.479e+04	0.04	0.0	360.0	-2397.84	-56.19	145.01	235.36	2.777e+04	-1.293e+04
213	32	2.365e+04 5572.14	0.04	0.0	0.0	-5548.18	-105.30	43.43	-783.86	-9705.60	2.365e+04
		-1.329e+04-9705.60	-3.86e-03	0.0	360.0	-4738.18	-105.30	43.43	-783.86	5572.14	-1.329e+04
213	39	1.797e+04 2.852e+04	0.01	0.0	0.0	-3144.46	-88.47	145.98	18.94	-2.425e+04	1.797e+04
		-1.276e+04-2.425e+04	0.04	0.0	360.0	-2334.46	-88.47	145.98	18.94	2.852e+04	-1.276e+04
213	40	1.395e+04 4821.11	8.64e-03	0.0	0.0	-5611.56	-73.02	42.46	-567.44	-1.025e+04	1.395e+04
		-1.346e+04-1.025e+04	-7.28e-03	0.0	360.0	-4801.56	-73.02	42.46	-567.44	4821.11	-1.346e+04
213	54	9369.62 1.760e+04	-0.02	0.0	0.0	-4139.65	-59.35	100.43	-1055.64	-1.890e+04	9369.62
		-1.669e+04-1.890e+04	0.02	0.0	360.0	-3329.65	-59.35	100.43	-1055.64	1.760e+04	-1.669e+04
213	63	8269.38 2.777e+04	-0.02	0.0	0.0	-3207.84	-56.19	145.01	235.36	-2.479e+04	8269.38
		-1.293e+04-2.479e+04	0.04	0.0	360.0	-2397.84	-56.19	145.01	235.36	2.777e+04	-1.293e+04
213	64	2.365e+04 5572.14	0.04	0.0	0.0	-5548.18	-105.30	43.43	-783.86	-9705.60	2.365e+04
		-1.329e+04-9705.60	-3.86e-03	0.0	360.0	-4738.18	-105.30	43.43	-783.86	5572.14	-1.329e+04
213	71	1.797e+04 2.852e+04	0.01	0.0	0.0	-3144.46	-88.47	145.98	18.94	-2.425e+04	1.797e+04
		-1.276e+04-2.425e+04	0.04	0.0	360.0	-2334.46	-88.47	145.98	18.94	2.852e+04	-1.276e+04
213	72	1.395e+04 4821.11	8.64e-03	0.0	0.0	-5611.56	-73.02	42.46	-567.44	-1.025e+04	1.395e+04
		-1.346e+04-1.025e+04	-7.28e-03	0.0	360.0	-4801.56	-73.02	42.46	-567.44	4821.11	-1.346e+04
213	74	1.596e+04 1.667e+04	9.51e-03	0.0	0.0	-4378.01	-80.74	94.22	-274.25	-1.725e+04	1.596e+04
		-1.311e+04-1.725e+04	0.02	0.0	360.0	-3568.01	-80.74	94.22	-274.25	1.667e+04	-1.311e+04
213	75	1.596e+04 1.667e+04	9.51e-03	0.0	0.0	-4378.01	-80.74	94.22	-274.25	-1.725e+04	1.596e+04
		-1.311e+04-1.725e+04	0.02	0.0	360.0	-3568.01	-80.74	94.22	-274.25	1.667e+04	-1.311e+04
213	76	1.596e+04 1.667e+04	9.51e-03	0.0	0.0	-4378.01	-80.74	94.22	-274.25	-1.725e+04	1.596e+04
		-1.311e+04-1.725e+04	0.02	0.0	360.0	-3568.01	-80.74	94.22	-274.25	1.667e+04	-1.311e+04
214	1	4.768e+04 1.422e+04	0.03	0.0	0.0	-8696.97	254.46	87.68	-211.71	-1.735e+04	4.768e+04
		-4.392e+04-1.735e+04	-0.01	0.0	360.0	-7755.12	254.46	87.68	-211.71	1.422e+04	-4.392e+04
214	6	2.909e+04 9410.94	0.02	0.0	0.0	-5925.53	152.12	58.37	153.17	-1.160e+04	2.909e+04
		-2.567e+04-1.160e+04	-4.34e-03	0.0	360.0	-5201.03	152.12	58.37	153.17	9410.94	-2.567e+04
214	7	3.536e+04 1.067e+04	0.02	0.0	0.0	-6557.38	188.18	65.87	-107.93	-1.304e+04	3.536e+04
		-3.238e+04-1.304e+04	-9.32e-03	0.0	360.0	-5832.88	188.18	65.87	-107.93	1.067e+04	-3.238e+04
214	9	2.967e+04 9528.88	0.02	0.0	0.0	-5983.04	155.39	59.07	129.18	-1.174e+04	2.967e+04
		-2.627e+04-1.174e+04	-4.75e-03	0.0	360.0	-5258.54	155.39	59.07	129.18	9528.88	-2.627e+04
214	10	3.079e+04 1.520e+04	0.02	0.0	0.0	-5142.62	165.70	82.52	-1083.17	-1.454e+04	3.079e+04
		-3.237e+04-1.454e+04	3.74e-03	0.0	360.0	-4418.12	165.70	82.52	-1083.17	1.520e+04	-3.237e+04
214	18	3.108e+04 1.524e+04	0.02	0.0	0.0	-5142.34	167.15	82.61	-1140.25	-1.453e+04	3.108e+04
		-3.268e+04-1.453e+04	3.65e-03	0.0	360.0	-4417.84	167.15	82.61	-1140.25	1.524e+04	-3.268e+04
214	30	2.410e+04 1.377e+04	5.79e-03	0.0	0.0	-5067.36	129.38	76.66	-1068.26	-1.395e+04	2.410e+04
		-3.352e+04-1.395e+04	-0.02	0.0	360.0	-4342.86	129.38	76.66	-1068.26	1.377e+04	-3.352e+04
214	31	3.727e+04 8216.20	0.04	0.0	0.0	-6525.54	194.29	53.51	726.49	-1.093e+04	3.727e+04
		-2.182e+04-1.093e+04	0.01	0.0	360.0	-5801.04	194.29	53.51	726.49	8216.20	-2.182e+04
214	38	2.538e+04 1.303e+04	3.80e-03	0.0	0.0	-4997.84	182.26	74.67	-720.30	-1.392e+04	2.538e+04
		-3.100e+04-1.392e+04	3.59e-03	0.0	360.0	-4273.34	182.26	74.67	-720.30	1.303e+04	-3.100e+04
214	41	3.395e+04 6025.88	0.04	0.0	0.0	-6968.25	128.51	43.46	978.66	-9547.13	3.395e+04
		-2.155e+04-9547.13	-0.01	0.0	360.0	-6243.75	128.51	43.46	978.66	6025.88	-2.155e+04

214	42	3.079e+04	1.520e+04	0.02	0.0	0.0	-5142.62	165.70	82.52	-1083.17	-1.454e+04	-3.237e+04
		-3.237e+04	-1.454e+04	3.74e-03	0.0	360.0	-4418.12	165.70	82.52	-1083.17	1.520e+04	3.079e+04
214	50	3.108e+04	1.524e+04	0.02	0.0	0.0	-5142.34	167.15	82.61	-1140.25	-1.453e+04	-3.268e+04
		-3.268e+04	-1.453e+04	3.65e-03	0.0	360.0	-4417.84	167.15	82.61	-1140.25	1.524e+04	3.108e+04
214	62	2.410e+04	1.377e+04	5.79e-03	0.0	0.0	-5067.36	129.38	76.66	-1068.26	-1.395e+04	-3.352e+04
		-3.352e+04	-1.395e+04	-0.02	0.0	360.0	-4342.86	129.38	76.66	-1068.26	1.377e+04	2.410e+04
214	63	3.727e+04	8216.20	0.04	0.0	0.0	-6525.54	194.29	53.51	726.49	-1.093e+04	-2.182e+04
		-2.182e+04	-1.093e+04	0.01	0.0	360.0	-5801.04	194.29	53.51	726.49	8216.20	3.727e+04
214	70	2.538e+04	1.303e+04	3.80e-03	0.0	0.0	-4997.84	182.26	74.67	-720.30	-1.392e+04	-3.100e+04
		-3.100e+04	-1.392e+04	3.59e-03	0.0	360.0	-4273.34	182.26	74.67	-720.30	1.303e+04	2.538e+04
214	73	3.395e+04	6025.88	0.04	0.0	0.0	-6968.25	128.51	43.46	978.66	-9547.13	-2.155e+04
		-2.155e+04	-9547.13	-0.01	0.0	360.0	-6243.75	128.51	43.46	978.66	6025.88	3.395e+04
214	74	2.967e+04	9528.88	0.02	0.0	0.0	-5983.04	155.39	59.07	129.18	-1.174e+04	-2.627e+04
		-2.627e+04	-1.174e+04	-4.75e-03	0.0	360.0	-5258.54	155.39	59.07	129.18	9528.88	2.967e+04
214	75	2.967e+04	9528.88	0.02	0.0	0.0	-5983.04	155.39	59.07	129.18	-1.174e+04	-2.627e+04
		-2.627e+04	-1.174e+04	-4.75e-03	0.0	360.0	-5258.54	155.39	59.07	129.18	9528.88	2.967e+04
214	76	2.967e+04	9528.88	0.02	0.0	0.0	-5983.04	155.39	59.07	129.18	-1.174e+04	-2.627e+04
		-2.627e+04	-1.174e+04	-4.75e-03	0.0	360.0	-5258.54	155.39	59.07	129.18	9528.88	2.967e+04
215	1	2.345e+04	-1.760e+04	-4.64e-04	0.0	0.0	-1.503e+04	289.90	-165.36	-1590.95	-1.760e+04	1.350e+04
		1.350e+04	-2.324e+04	8.06e-03	0.0	51.4	-1.488e+04	289.90	-165.36	-1590.95	-2.324e+04	2.345e+04
215	6	1.604e+04	-1.118e+04	-9.10e-04	0.0	0.0	-1.017e+04	181.68	-130.44	-616.34	-1.118e+04	9757.91
		9757.91	-1.565e+04	4.37e-03	0.0	51.4	-1.005e+04	181.68	-130.44	-616.34	-1.565e+04	1.604e+04
215	7	1.769e+04	-1.314e+04	-4.29e-04	0.0	0.0	-1.132e+04	215.84	-127.60	-1120.41	-1.314e+04	1.028e+04
		1.028e+04	-1.749e+04	5.89e-03	0.0	51.4	-1.120e+04	215.84	-127.60	-1120.41	-1.749e+04	1.769e+04
215	9	1.620e+04	-1.134e+04	-8.61e-04	0.0	0.0	-1.027e+04	184.77	-130.50	-658.35	-1.134e+04	9805.57
		9805.57	-1.582e+04	4.49e-03	0.0	51.4	-1.016e+04	184.77	-130.50	-658.35	-1.582e+04	1.620e+04
215	20	1.674e+04	-1.172e+04	5.97e-04	0.0	0.0	-1.051e+04	179.92	-135.98	44.19	-1.172e+04	1.060e+04
		1.060e+04	-1.628e+04	3.93e-03	0.0	51.4	-1.040e+04	179.92	-135.98	44.19	-1.628e+04	1.674e+04
215	27	1.541e+04	-1.088e+04	-7.27e-04	0.0	0.0	-9960.86	179.58	-135.15	-1416.71	-1.088e+04	8799.63
		8799.63	-1.540e+04	6.22e-03	0.0	51.4	-9845.14	179.58	-135.15	-1416.71	-1.540e+04	1.541e+04
215	31	1.540e+04	-1.088e+04	-7.20e-04	0.0	0.0	-9955.45	179.78	-135.09	-1432.06	-1.088e+04	8789.04
		8789.04	-1.539e+04	6.23e-03	0.0	51.4	-9839.73	179.78	-135.09	-1432.06	-1.539e+04	1.540e+04
215	32	1.699e+04	-1.180e+04	-1.01e-03	0.0	0.0	-1.059e+04	189.76	-125.90	115.36	-1.180e+04	1.082e+04
		1.082e+04	-1.625e+04	2.76e-03	0.0	51.4	-1.047e+04	189.76	-125.90	115.36	-1.625e+04	1.699e+04
215	52	1.674e+04	-1.172e+04	5.97e-04	0.0	0.0	-1.051e+04	179.92	-135.98	44.19	-1.172e+04	1.060e+04
		1.060e+04	-1.628e+04	3.93e-03	0.0	51.4	-1.040e+04	179.92	-135.98	44.19	-1.628e+04	1.674e+04
215	59	1.541e+04	-1.088e+04	-7.27e-04	0.0	0.0	-9960.86	179.58	-135.15	-1416.71	-1.088e+04	8799.63
		8799.63	-1.540e+04	6.22e-03	0.0	51.4	-9845.14	179.58	-135.15	-1416.71	-1.540e+04	1.541e+04
215	63	1.540e+04	-1.088e+04	-7.20e-04	0.0	0.0	-9955.45	179.78	-135.09	-1432.06	-1.088e+04	8789.04
		8789.04	-1.539e+04	6.23e-03	0.0	51.4	-9839.73	179.78	-135.09	-1432.06	-1.539e+04	1.540e+04
215	64	1.699e+04	-1.180e+04	-1.01e-03	0.0	0.0	-1.059e+04	189.76	-125.90	115.36	-1.180e+04	1.082e+04
		1.082e+04	-1.625e+04	2.76e-03	0.0	51.4	-1.047e+04	189.76	-125.90	115.36	-1.625e+04	1.699e+04
215	74	1.620e+04	-1.134e+04	-8.61e-04	0.0	0.0	-1.027e+04	184.77	-130.50	-658.35	-1.134e+04	9805.57
		9805.57	-1.582e+04	4.49e-03	0.0	51.4	-1.016e+04	184.77	-130.50	-658.35	-1.582e+04	1.620e+04
215	75	1.620e+04	-1.134e+04	-8.61e-04	0.0	0.0	-1.027e+04	184.77	-130.50	-658.35	-1.134e+04	9805.57
		9805.57	-1.582e+04	4.49e-03	0.0	51.4	-1.016e+04	184.77	-130.50	-658.35	-1.582e+04	1.620e+04
215	76	1.620e+04	-1.134e+04	-8.61e-04	0.0	0.0	-1.027e+04	184.77	-130.50	-658.35	-1.134e+04	9805.57
		9805.57	-1.582e+04	4.49e-03	0.0	51.4	-1.016e+04	184.77	-130.50	-658.35	-1.582e+04	1.620e+04
216	1	9534.74	3.733e+04	0.01	0.0	0.0	-9146.39	-55.30	204.28	786.09	-3.621e+04	9534.74
		-1.037e+04	-3.621e+04	0.04	0.0	360.0	-8093.39	-55.30	204.28	786.09	3.733e+04	-1.037e+04
216	3	1.213e+04	3.467e+04	7.60e-03	0.0	0.0	-7958.26	-64.90	189.46	1686.35	-3.354e+04	1.213e+04
		-1.123e+04	-3.354e+04	0.03	0.0	360.0	-6905.26	-64.90	189.46	1686.35	3.467e+04	-1.123e+04
216	5	1.072e+04	3.375e+04	8.21e-03	0.0	0.0	-7932.92	-61.00	184.74	1191.71	-3.276e+04	1.072e+04
		-1.124e+04	-3.276e+04	0.03	0.0	360.0	-6879.92	-61.00	184.74	1191.71	3.375e+04	-1.124e+04
216	6	8396.26	2.552e+04	5.78e-03	0.0	0.0	-5960.36	-47.62	139.71	968.27	-2.477e+04	8396.26
		-8745.74	-2.477e+04	0.02	0.0	360.0	-5150.36	-47.62	139.71	968.27	2.552e+04	-8745.74
216	7	7521.48	2.816e+04	9.49e-03	0.0	0.0	-6849.53	-43.42	154.09	668.71	-2.731e+04	7521.48
		-8110.58	-2.731e+04	0.03	0.0	360.0	-6039.53	-43.42	154.09	668.71	2.816e+04	-8110.58
216	8	9252.41	2.638e+04	5.68e-03	0.0	0.0	-6057.45	-49.83	144.21	1268.88	-2.553e+04	9252.41
		-8684.59	-2.553e+04	0.03	0.0	360.0	-5247.45	-49.83	144.21	1268.88	2.638e+04	-8684.59
216	9	8310.98	2.577e+04	6.08e-03	0.0	0.0	-6040.56	-47.22	141.07	939.12	-2.501e+04	8310.98
		-8689.70	-2.501e+04	0.02	0.0	360.0	-5230.56	-47.22	141.07	939.12	2.577e+04	-8689.70
216	18	1.236e+04	1.926e+04	-4.56e-03	0.0	0.0	-5614.57	-77.57	110.83	-974.87	-2.061e+04	1.236e+04
		-1.838e+04	-2.061e+04	0.03	0.0	360.0	-4804.57	-77.57	110.83	-974.87	1.926e+04	-1.838e+04
216	30	1.270e+04	1.538e+04	0.02	0.0	0.0	-5445.53	-64.86	93.38	2630.53	-1.823e+04	1.270e+04
		-1.501e+04	-1.823e+04	9.58e-03	0.0	360.0	-4635.53	-64.86	93.38	2630.53	1.538e+04	-1.501e+04
216	37	4131.27	3.796e+04	0.01	0.0	0.0	-6678.94	-23.96	197.53	3136.62	-3.316e+04	4131.27
		-3042.18	-3.316e+04	0.04	0.0	360.0	-5868.94	-23.96	197.53	3136.62	3.796e+04	-3042.18
216	38	1.266e+04	1.363e+04	-3.06e-03	0.0	0.0	-5400.54	-70.93	84.93	-1305.77	-1.693e+04	1.266e+04
		-1.442e+04	-1.693e+04	7.14e-03	0.0	360.0	-4590.54	-70.93	84.93	-1305.77	1.363e+04	-1.442e+04
216	41	3963.63	3.791e+04	0.01	0.0	0.0	-6680.57	-23.52	197.21	3184.02	-3.309e+04	3963.63
		-2961.54	-3.309e+04	0.04	0.0	360.0	-5870.57	-23.52	197.21	3184.02	3.791e+04	-2961.54
216	50	1.236e+04	1.926e+04	-4.56e-03	0.0	0.0	-5614.57	-77.57	110.83	-974.87	-2.061e+04	1.236e+04
		-1.838e+04	-2.061e+04	0.03	0.0	360.0	-4804.57	-77.57	110.83	-974.87	1.926e+04	-1.838e+04
216	62	1.270e+04	1.538e+04	0.02	0.0	0.0	-5445.53	-64.86	93.38	2630.53	-1.823e+04	1.270e+04
		-1.501e+04	-1.823e+04	9.58e-03	0.0	360.0	-4635.53	-64.86	93.38	2630.53	1.538e+04	-1.501e+04
216	69	4131.27	3.796e+04	0.01	0.0	0.0	-6678.94	-23.96	197.53	3136.62	-3.316e+04	4131.27

		-3042.18	-3.316e+04	0.04	0.0	360.0	-5868.94	-23.96	197.53	3136.62	3.796e+04	-3042.18
216	70	1.266e+04	1.363e+04	-3.06e-03	0.0	0.0	-5400.54	-70.93	84.93	-1305.77	-1.693e+04	1.266e+04
		-1.442e+04	-1.693e+04	7.14e-03	0.0	360.0	-4590.54	-70.93	84.93	-1305.77	1.363e+04	-1.442e+04
216	73	3963.63	3.791e+04	0.01	0.0	0.0	-6680.57	-23.52	197.21	3184.02	-3.309e+04	3963.63
		-2961.54	-3.309e+04	0.04	0.0	360.0	-5870.57	-23.52	197.21	3184.02	3.791e+04	-2961.54
216	74	8310.98	2.577e+04	6.08e-03	0.0	0.0	-6040.56	-47.22	141.07	939.12	-2.501e+04	8310.98
		-8689.70	-2.501e+04	0.02	0.0	360.0	-5230.56	-47.22	141.07	939.12	2.577e+04	-8689.70
216	75	8310.98	2.577e+04	6.08e-03	0.0	0.0	-6040.56	-47.22	141.07	939.12	-2.501e+04	8310.98
		-8689.70	-2.501e+04	0.02	0.0	360.0	-5230.56	-47.22	141.07	939.12	2.577e+04	-8689.70
216	76	8310.98	2.577e+04	6.08e-03	0.0	0.0	-6040.56	-47.22	141.07	939.12	-2.501e+04	8310.98
		-8689.70	-2.501e+04	0.02	0.0	360.0	-5230.56	-47.22	141.07	939.12	2.577e+04	-8689.70
218	1	3.545e+04	3179.84	0.03	0.0	0.0	-6701.47	201.21	37.69	691.74	-1.039e+04	-3.699e+04
		-3.699e+04	-1.039e+04	-0.02	0.0	360.0	-5759.62	201.21	37.69	691.74	3179.84	3.545e+04
218	6	2.048e+04	1793.29	0.02	0.0	0.0	-4370.36	115.76	24.47	763.36	-7015.09	-2.119e+04
		-2.119e+04	-7015.09	-7.13e-03	0.0	360.0	-3645.86	115.76	24.47	763.36	1793.29	2.048e+04
218	7	2.609e+04	2330.51	0.02	0.0	0.0	-5019.10	148.02	28.20	572.84	-7820.93	-2.719e+04
		-2.719e+04	-7820.93	-0.01	0.0	360.0	-4294.60	148.02	28.20	572.84	2330.51	2.609e+04
218	9	2.099e+04	1846.71	0.02	0.0	0.0	-4428.97	118.68	24.82	744.80	-7088.96	-2.174e+04
		-2.174e+04	-7088.96	-7.48e-03	0.0	360.0	-3704.47	118.68	24.82	744.80	1846.71	2.099e+04
218	18	2.245e+04	9693.59	0.02	0.0	0.0	-4322.88	129.33	51.29	-366.38	-8961.25	-2.422e+04
		-2.422e+04	-8961.25	6.03e-03	0.0	360.0	-3598.38	129.33	51.29	-366.38	9693.59	2.245e+04
218	22	2.259e+04	9214.00	0.02	0.0	0.0	-4323.74	131.30	50.15	-1028.89	-9028.20	-2.481e+04
		-2.481e+04	-9028.20	0.01	0.0	360.0	-3599.24	131.30	50.15	-1028.89	9214.00	2.259e+04
218	31	2.967e+04	-38.15	0.04	0.0	0.0	-4140.81	161.88	20.26	-1121.12	-7023.09	-2.903e+04
		-2.903e+04	-7023.09	0.02	0.0	360.0	-3416.31	161.88	20.26	-1121.12	-38.15	2.967e+04
218	39	2.919e+04	1560.49	0.04	0.0	0.0	-4137.95	155.31	24.07	1087.25	-6799.91	-2.709e+04
		-2.709e+04	-6799.91	-7.49e-03	0.0	360.0	-3413.45	155.31	24.07	1087.25	1560.49	2.919e+04
218	40	1.279e+04	2132.92	-7.13e-03	0.0	0.0	-4719.99	82.05	25.58	402.35	-7378.02	-1.639e+04
		-1.639e+04	-7378.02	-7.47e-03	0.0	360.0	-3995.49	82.05	25.58	402.35	2132.92	1.279e+04
218	50	2.245e+04	9693.59	0.02	0.0	0.0	-4322.88	129.33	51.29	-366.38	-8961.25	-2.422e+04
		-2.422e+04	-8961.25	6.03e-03	0.0	360.0	-3598.38	129.33	51.29	-366.38	9693.59	2.245e+04
218	54	2.259e+04	9214.00	0.02	0.0	0.0	-4323.74	131.30	50.15	-1028.89	-9028.20	-2.481e+04
		-2.481e+04	-9028.20	0.01	0.0	360.0	-3599.24	131.30	50.15	-1028.89	9214.00	2.259e+04
218	63	2.967e+04	-38.15	0.04	0.0	0.0	-4140.81	161.88	20.26	-1121.12	-7023.09	-2.903e+04
		-2.903e+04	-7023.09	0.02	0.0	360.0	-3416.31	161.88	20.26	-1121.12	-38.15	2.967e+04
218	71	2.919e+04	1560.49	0.04	0.0	0.0	-4137.95	155.31	24.07	1087.25	-6799.91	-2.709e+04
		-2.709e+04	-6799.91	-7.49e-03	0.0	360.0	-3413.45	155.31	24.07	1087.25	1560.49	2.919e+04
218	72	1.279e+04	2132.92	-7.13e-03	0.0	0.0	-4719.99	82.05	25.58	402.35	-7378.02	-1.639e+04
		-1.639e+04	-7378.02	-7.47e-03	0.0	360.0	-3995.49	82.05	25.58	402.35	2132.92	1.279e+04
218	74	2.099e+04	1846.71	0.02	0.0	0.0	-4428.97	118.68	24.82	744.80	-7088.96	-2.174e+04
		-2.174e+04	-7088.96	-7.48e-03	0.0	360.0	-3704.47	118.68	24.82	744.80	1846.71	2.099e+04
218	75	2.099e+04	1846.71	0.02	0.0	0.0	-4428.97	118.68	24.82	744.80	-7088.96	-2.174e+04
		-2.174e+04	-7088.96	-7.48e-03	0.0	360.0	-3704.47	118.68	24.82	744.80	1846.71	2.099e+04
218	76	2.099e+04	1846.71	0.02	0.0	0.0	-4428.97	118.68	24.82	744.80	-7088.96	-2.174e+04
		-2.174e+04	-7088.96	-7.48e-03	0.0	360.0	-3704.47	118.68	24.82	744.80	1846.71	2.099e+04
231	1	2.345e+04	-960.78	1.92e-03	0.0	0.0	-8888.37	-441.95	506.37	-911.64	-2.420e+04	2.345e+04
		1864.02	-2.420e+04	5.99e-03	0.0	51.4	-8737.94	-441.95	506.37	-911.64	-960.78	1864.02
231	2	1.827e+04	-726.12	1.60e-03	0.0	0.0	-6940.97	-343.22	397.15	-753.24	-1.893e+04	1.827e+04
		1467.41	-1.893e+04	4.86e-03	0.0	51.4	-6825.26	-343.22	397.15	-753.24	-726.12	1467.41
231	4	1.674e+04	-795.19	3.54e-04	0.0	0.0	-6102.38	-328.36	336.42	-135.79	-1.663e+04	1.674e+04
		1103.58	-1.663e+04	3.65e-03	0.0	51.4	-5986.66	-328.36	336.42	-135.79	-795.19	1103.58
231	6	1.621e+04	-803.06	5.80e-04	0.0	0.0	-6001.55	-313.84	330.05	-298.02	-1.616e+04	1.621e+04
		1163.77	-1.616e+04	2.96e-03	0.0	51.4	-5885.84	-313.84	330.05	-298.02	-803.06	1163.77
231	7	1.772e+04	-749.05	1.32e-03	0.0	0.0	-6691.71	-335.42	379.22	-631.50	-1.819e+04	1.772e+04
		1386.84	-1.819e+04	4.33e-03	0.0	51.4	-6576.00	-335.42	379.22	-631.50	-749.05	1386.84
231	8	1.670e+04	-795.10	4.94e-04	0.0	0.0	-6132.65	-325.51	338.73	-219.87	-1.665e+04	1.670e+04
		1144.29	-1.665e+04	3.53e-03	0.0	51.4	-6016.94	-325.51	338.73	-219.87	-795.10	1144.29
231	9	1.635e+04	-800.34	6.44e-04	0.0	0.0	-6065.43	-315.83	334.49	-328.02	-1.634e+04	1.635e+04
		1184.42	-1.634e+04	3.07e-03	0.0	51.4	-5949.72	-315.83	334.49	-328.02	-800.34	1184.42
231	31	1.542e+04	-419.70	8.49e-04	0.0	0.0	-5810.62	-293.15	350.01	-1283.86	-1.690e+04	1.542e+04
		1483.66	-1.690e+04	5.02e-03	0.0	51.4	-5694.90	-293.15	350.01	-1283.86	-419.70	1483.66
231	32	1.728e+04	-1180.99	4.39e-04	0.0	0.0	-6320.25	-338.51	318.97	627.82	-1.579e+04	1.728e+04
		885.17	-1.579e+04	1.13e-03	0.0	51.4	-6204.53	-338.51	318.97	627.82	-1180.99	885.17
231	41	1.568e+04	-657.34	1.39e-03	0.0	0.0	-5909.13	-301.18	355.21	-883.94	-1.715e+04	1.568e+04
		960.58	-1.715e+04	5.47e-03	0.0	51.4	-5793.41	-301.18	355.21	-883.94	-657.34	960.58
231	63	1.542e+04	-419.70	8.49e-04	0.0	0.0	-5810.62	-293.15	350.01	-1283.86	-1.690e+04	1.542e+04
		1483.66	-1.690e+04	5.02e-03	0.0	51.4	-5694.90	-293.15	350.01	-1283.86	-419.70	1483.66
231	64	1.728e+04	-1180.99	4.39e-04	0.0	0.0	-6320.25	-338.51	318.97	627.82	-1.579e+04	1.728e+04
		885.17	-1.579e+04	1.13e-03	0.0	51.4	-6204.53	-338.51	318.97	627.82	-1180.99	885.17
231	73	1.568e+04	-657.34	1.39e-03	0.0	0.0	-5909.13	-301.18	355.21	-883.94	-1.715e+04	1.568e+04
		960.58	-1.715e+04	5.47e-03	0.0	51.4	-5793.41	-301.18	355.21	-883.94	-657.34	960.58
231	74	1.635e+04	-800.34	6.44e-04	0.0	0.0	-6065.43	-315.83	334.49	-328.02	-1.634e+04	1.635e+04
		1184.42	-1.634e+04	3.07e-03	0.0	51.4	-5949.72	-315.83	334.49	-328.02	-800.34	1184.42
231	75	1.635e+04	-800.34	6.44e-04	0.0	0.0	-6065.43	-315.83	334.49	-328.02	-1.634e+04	1.635e+04
		1184.42	-1.634e+04	3.07e-03	0.0	51.4	-5949.72	-315.83	334.49	-328.02	-800.34	1184.42
231	76	1.635e+04	-800.34	6.44e-04	0.0	0.0	-6065.43	-315.83	334.49	-328.02	-1.634e+04	1.635e+04
		1184.42	-1.634e+04	3.07e-03	0.0	51.4	-5949.72	-315.83	334.49	-328.02	-800.34	1184.42

238	1	1821.48	-263.89	1.98e-03	0.0	0.0	-5869.16	-9.03	44.05	-733.04	-1653.57	1821.48
		846.28	-1653.57	6.02e-03	0.0	51.4	-5718.73	-9.03	44.05	-733.04	-263.89	846.28
238	2	1415.92	-190.66	1.64e-03	0.0	0.0	-4586.32	-6.06	35.03	-604.55	-1281.60	1415.92
		671.37	-1281.60	4.88e-03	0.0	51.4	-4470.60	-6.06	35.03	-604.55	-190.66	671.37
238	4	1284.31	-288.17	3.77e-04	0.0	0.0	-3970.25	-17.77	17.87	-60.20	-1045.47	1284.31
		422.70	-1045.47	3.67e-03	0.0	51.4	-3854.54	-17.77	17.87	-60.20	-288.17	422.70
238	6	1277.57	-284.00	6.12e-04	0.0	0.0	-3933.15	-13.94	23.91	-232.44	-1150.34	1277.57
		484.18	-1150.34	2.97e-03	0.0	51.4	-3817.43	-13.94	23.91	-232.44	-284.00	484.18
238	7	1379.50	-216.57	1.37e-03	0.0	0.0	-4413.33	-8.16	32.12	-506.06	-1249.53	1379.50
		621.86	-1249.53	4.35e-03	0.0	51.4	-4297.62	-8.16	32.12	-506.06	-216.57	621.86
238	8	1291.75	-281.58	5.20e-04	0.0	0.0	-4002.62	-15.96	20.68	-143.16	-1092.11	1291.75
		456.08	-1092.11	3.55e-03	0.0	51.4	-3886.91	-15.96	20.68	-143.16	-281.58	456.08
238	9	1287.26	-278.80	6.77e-04	0.0	0.0	-3977.89	-13.41	24.71	-257.99	-1162.02	1287.26
		497.07	-1162.02	3.08e-03	0.0	51.4	-3862.17	-13.41	24.71	-257.99	-278.80	497.07
238	26	1462.77	-645.50	-5.92e-04	0.0	0.0	-4115.55	-21.63	9.45	456.34	-742.05	1462.77
		311.61	-742.05	9.47e-04	0.0	51.4	-3999.84	-21.63	9.45	456.34	-645.50	311.61
238	31	1183.85	223.93	9.25e-04	0.0	0.0	-3783.14	-7.79	44.51	-1204.52	-1685.84	1183.85
		758.82	-1685.84	5.06e-03	0.0	51.4	-3667.42	-7.79	44.51	-1204.52	223.93	758.82
238	32	1390.67	-638.21	4.29e-04	0.0	0.0	-4172.63	-19.03	4.90	688.54	-638.21	1390.67
		235.33	-781.53	1.09e-03	0.0	51.4	-4056.92	-19.03	4.90	688.54	-781.53	235.33
238	58	1462.77	-645.50	-5.92e-04	0.0	0.0	-4115.55	-21.63	9.45	456.34	-742.05	1462.77
		311.61	-742.05	9.47e-04	0.0	51.4	-3999.84	-21.63	9.45	456.34	-645.50	311.61
238	63	1183.85	223.93	9.25e-04	0.0	0.0	-3783.14	-7.79	44.51	-1204.52	-1685.84	1183.85
		758.82	-1685.84	5.06e-03	0.0	51.4	-3667.42	-7.79	44.51	-1204.52	223.93	758.82
238	64	1390.67	-638.21	4.29e-04	0.0	0.0	-4172.63	-19.03	4.90	688.54	-638.21	1390.67
		235.33	-781.53	1.09e-03	0.0	51.4	-4056.92	-19.03	4.90	688.54	-781.53	235.33
238	74	1287.26	-278.80	6.77e-04	0.0	0.0	-3977.89	-13.41	24.71	-257.99	-1162.02	1287.26
		497.07	-1162.02	3.08e-03	0.0	51.4	-3862.17	-13.41	24.71	-257.99	-278.80	497.07
238	75	1287.26	-278.80	6.77e-04	0.0	0.0	-3977.89	-13.41	24.71	-257.99	-1162.02	1287.26
		497.07	-1162.02	3.08e-03	0.0	51.4	-3862.17	-13.41	24.71	-257.99	-278.80	497.07
238	76	1287.26	-278.80	6.77e-04	0.0	0.0	-3977.89	-13.41	24.71	-257.99	-1162.02	1287.26
		497.07	-1162.02	3.08e-03	0.0	51.4	-3862.17	-13.41	24.71	-257.99	-278.80	497.07
245	1	888.86	-377.83	2.05e-03	0.0	0.0	-4656.38	21.78	16.88	-726.55	-586.37	888.86
		493.84	-586.37	5.98e-03	0.0	51.4	-4505.95	21.78	16.88	-726.55	-377.83	493.84
245	2	707.50	-286.60	1.70e-03	0.0	0.0	-3644.39	18.00	13.77	-597.08	-455.07	707.50
		380.01	-455.07	4.85e-03	0.0	51.4	-3528.67	18.00	13.77	-597.08	-286.60	380.01
245	6	492.69	-321.57	6.61e-04	0.0	0.0	-3074.73	6.74	5.77	-240.13	-391.52	492.69
		376.04	-391.52	2.93e-03	0.0	51.4	-2959.02	6.74	5.77	-240.13	-321.57	376.04
245	7	650.49	-295.98	1.42e-03	0.0	0.0	-3493.44	15.01	11.70	-503.07	-439.91	650.49
		379.13	-439.91	4.32e-03	0.0	51.4	-3377.73	15.01	11.70	-503.07	-295.98	379.13
245	9	507.28	-319.29	7.27e-04	0.0	0.0	-3113.67	7.51	6.37	-265.10	-397.54	507.28
		376.48	-397.54	3.04e-03	0.0	51.4	-2997.96	7.51	6.37	-265.10	-319.29	376.48
245	31	625.37	246.38	1.01e-03	0.0	0.0	-2940.64	13.92	25.76	-1199.93	-832.30	625.37
		160.15	-832.30	5.04e-03	0.0	51.4	-2824.93	13.92	25.76	-1199.93	246.38	160.15
245	32	592.82	37.22	4.47e-04	0.0	0.0	-3286.71	1.10	-13.01	669.73	37.22	592.82
		389.19	-884.96	1.04e-03	0.0	51.4	-3170.99	1.10	-13.01	669.73	-884.96	389.19
245	33	708.66	98.04	2.02e-03	0.0	0.0	-2995.72	16.72	20.86	-962.96	-722.21	708.66
		95.77	-722.21	5.28e-03	0.0	51.4	-2880.01	16.72	20.86	-962.96	98.04	95.77
245	63	625.37	246.38	1.01e-03	0.0	0.0	-2940.64	13.92	25.76	-1199.93	-832.30	625.37
		160.15	-832.30	5.04e-03	0.0	51.4	-2824.93	13.92	25.76	-1199.93	246.38	160.15
245	64	592.82	37.22	4.47e-04	0.0	0.0	-3286.71	1.10	-13.01	669.73	37.22	592.82
		389.19	-884.96	1.04e-03	0.0	51.4	-3170.99	1.10	-13.01	669.73	-884.96	389.19
245	65	708.66	98.04	2.02e-03	0.0	0.0	-2995.72	16.72	20.86	-962.96	-722.21	708.66
		95.77	-722.21	5.28e-03	0.0	51.4	-2880.01	16.72	20.86	-962.96	98.04	95.77
245	74	507.28	-319.29	7.27e-04	0.0	0.0	-3113.67	7.51	6.37	-265.10	-397.54	507.28
		376.48	-397.54	3.04e-03	0.0	51.4	-2997.96	7.51	6.37	-265.10	-319.29	376.48
245	75	507.28	-319.29	7.27e-04	0.0	0.0	-3113.67	7.51	6.37	-265.10	-397.54	507.28
		376.48	-397.54	3.04e-03	0.0	51.4	-2997.96	7.51	6.37	-265.10	-319.29	376.48
245	76	507.28	-319.29	7.27e-04	0.0	0.0	-3113.67	7.51	6.37	-265.10	-397.54	507.28
		376.48	-397.54	3.04e-03	0.0	51.4	-2997.96	7.51	6.37	-265.10	-319.29	376.48
252	1	1565.56	-705.01	2.14e-03	0.0	0.0	-4155.18	37.47	7.43	-775.50	-705.01	1565.56
		505.84	-936.39	5.91e-03	0.0	51.4	-4004.75	37.47	7.43	-775.50	-936.39	505.84
252	4	852.59	-355.33	4.73e-04	0.0	0.0	-2679.81	13.30	-5.53	-112.76	-355.33	852.59
		376.61	-642.77	3.60e-03	0.0	51.4	-2564.09	13.30	-5.53	-112.76	-642.77	376.61
252	6	880.59	-434.43	7.14e-04	0.0	0.0	-2679.07	16.35	0.57	-276.44	-434.43	880.59
		363.17	-609.30	2.88e-03	0.0	51.4	-2563.36	16.35	0.57	-276.44	-609.30	363.17
252	7	1148.16	-523.16	1.49e-03	0.0	0.0	-3106.31	26.65	4.79	-540.39	-523.16	1148.16
		384.65	-701.42	4.27e-03	0.0	51.4	-2990.59	26.65	4.79	-540.39	-701.42	384.65
252	8	886.23	-390.63	6.20e-04	0.0	0.0	-2718.98	15.27	-3.05	-192.57	-390.63	886.23
		374.00	-639.26	3.47e-03	0.0	51.4	-2603.26	15.27	-3.05	-192.57	-639.26	374.00
252	9	904.90	-443.36	7.81e-04	0.0	0.0	-2718.49	17.30	1.01	-301.69	-443.36	904.90
		365.04	-616.95	2.99e-03	0.0	51.4	-2602.77	17.30	1.01	-301.69	-616.95	365.04
252	21	1128.47	-364.29	2.73e-03	0.0	0.0	-2772.02	24.66	-1.54	-149.67	-364.29	1128.47
		182.66	-686.65	4.14e-03	0.0	51.4	-2656.30	24.66	-1.54	-149.67	-686.65	182.66
252	31	970.84	123.94	1.09e-03	0.0	0.0	-2539.80	22.84	22.71	-1200.95	-829.06	970.84
		145.88	-829.06	5.00e-03	0.0	51.4	-2424.08	22.84	22.71	-1200.95	123.94	145.88
252	32	838.96	-57.66	4.77e-04	0.0	0.0	-2897.18	11.75	-20.68	597.56	-57.66	838.96

		584.21	-1357.84	9.84e-04	0.0	51.4	-2781.46	11.75	-20.68	597.56	-1357.84	838.96
252	33	1083.01	-36.77	2.11e-03	0.0	0.0	-2598.77	25.98	17.72	-968.76	-721.84	81.68
		81.68	-721.84	5.30e-03	0.0	51.4	-2483.06	25.98	17.72	-968.76	-36.77	1083.01
252	53	1128.47	-364.29	2.73e-03	0.0	0.0	-2772.02	24.66	-1.54	-149.67	-364.29	182.66
		182.66	-686.65	4.14e-03	0.0	51.4	-2656.30	24.66	-1.54	-149.67	-686.65	1128.47
252	63	970.84	123.94	1.09e-03	0.0	0.0	-2539.80	22.84	22.71	-1200.95	-829.06	145.88
		145.88	-829.06	5.00e-03	0.0	51.4	-2424.08	22.84	22.71	-1200.95	123.94	970.84
252	64	838.96	-57.66	4.77e-04	0.0	0.0	-2897.18	11.75	-20.68	597.56	-57.66	584.21
		584.21	-1357.84	9.84e-04	0.0	51.4	-2781.46	11.75	-20.68	597.56	-1357.84	838.96
252	65	1083.01	-36.77	2.11e-03	0.0	0.0	-2598.77	25.98	17.72	-968.76	-721.84	81.68
		81.68	-721.84	5.30e-03	0.0	51.4	-2483.06	25.98	17.72	-968.76	-36.77	1083.01
252	74	904.90	-443.36	7.81e-04	0.0	0.0	-2718.49	17.30	1.01	-301.69	-443.36	365.04
		365.04	-616.95	2.99e-03	0.0	51.4	-2602.77	17.30	1.01	-301.69	-616.95	904.90
252	75	904.90	-443.36	7.81e-04	0.0	0.0	-2718.49	17.30	1.01	-301.69	-443.36	365.04
		365.04	-616.95	2.99e-03	0.0	51.4	-2602.77	17.30	1.01	-301.69	-616.95	904.90
252	76	904.90	-443.36	7.81e-04	0.0	0.0	-2718.49	17.30	1.01	-301.69	-443.36	365.04
		365.04	-616.95	2.99e-03	0.0	51.4	-2602.77	17.30	1.01	-301.69	-616.95	904.90
256	1	7798.40	-1179.38	2.27e-03	0.0	0.0	-4216.23	157.87	-99.89	-806.84	-1179.38	1033.81
		1033.81	-6542.46	5.80e-03	0.0	51.4	-4065.81	157.87	-99.89	-806.84	-6542.46	7798.40
256	4	4588.51	-609.06	5.50e-04	0.0	0.0	-2626.67	86.32	-66.46	-163.66	-609.06	683.67
		683.67	-3814.27	3.53e-03	0.0	51.4	-2510.96	86.32	-66.46	-163.66	-3814.27	4588.51
256	6	4565.62	-674.48	7.92e-04	0.0	0.0	-2630.97	88.08	-61.84	-301.26	-674.48	658.35
		658.35	-3830.81	2.82e-03	0.0	51.4	-2515.25	88.08	-61.84	-301.26	-3830.81	4565.62
256	7	5750.55	-866.76	1.59e-03	0.0	0.0	-3136.97	115.65	-74.29	-564.56	-866.76	771.69
		771.69	-4825.64	4.19e-03	0.0	51.4	-3021.26	115.65	-74.29	-564.56	-4825.64	5750.55
256	8	4688.00	-648.54	6.99e-04	0.0	0.0	-2674.31	89.42	-65.96	-234.83	-648.54	685.17
		685.17	-3907.48	3.40e-03	0.0	51.4	-2558.60	89.42	-65.96	-234.83	-3907.48	4688.00
256	9	4672.74	-692.15	8.61e-04	0.0	0.0	-2677.18	90.59	-62.88	-326.56	-692.15	668.29
		668.29	-3918.51	2.92e-03	0.0	51.4	-2561.46	90.59	-62.88	-326.56	-3918.51	4672.74
256	20	5729.41	-994.79	7.84e-03	0.0	0.0	-2851.71	105.40	-81.12	-515.81	-994.79	939.97
		939.97	-4815.80	-7.80e-03	0.0	51.4	-2736.00	105.40	-81.12	-515.81	-4815.80	5729.41
256	31	4031.65	-382.07	-0.02	0.0	0.0	-2467.20	89.45	-30.04	-920.53	-382.07	337.42
		337.42	-2208.26	8.17e-03	0.0	51.4	-2351.49	89.45	-30.04	-920.53	-2208.26	4031.65
256	32	5313.82	-1002.24	0.02	0.0	0.0	-2887.15	91.73	-95.72	267.40	-1002.24	999.16
		999.16	-5628.76	-2.32e-03	0.0	51.4	-2771.44	91.73	-95.72	267.40	-5628.76	5313.82
256	40	5205.50	-949.99	9.24e-04	0.0	0.0	-2877.89	90.07	-96.94	177.65	-949.99	922.65
		922.65	-5758.28	-2.59e-03	0.0	51.4	-2762.17	90.07	-96.94	177.65	-5758.28	5205.50
256	52	5729.41	-994.79	7.84e-03	0.0	0.0	-2851.71	105.40	-81.12	-515.81	-994.79	939.97
		939.97	-4815.80	-7.80e-03	0.0	51.4	-2736.00	105.40	-81.12	-515.81	-4815.80	5729.41
256	63	4031.65	-382.07	-0.02	0.0	0.0	-2467.20	89.45	-30.04	-920.53	-382.07	337.42
		337.42	-2208.26	8.17e-03	0.0	51.4	-2351.49	89.45	-30.04	-920.53	-2208.26	4031.65
256	64	5313.82	-1002.24	0.02	0.0	0.0	-2887.15	91.73	-95.72	267.40	-1002.24	999.16
		999.16	-5628.76	-2.32e-03	0.0	51.4	-2771.44	91.73	-95.72	267.40	-5628.76	5313.82
256	72	5205.50	-949.99	9.24e-04	0.0	0.0	-2877.89	90.07	-96.94	177.65	-949.99	922.65
		922.65	-5758.28	-2.59e-03	0.0	51.4	-2762.17	90.07	-96.94	177.65	-5758.28	5205.50
256	74	4672.74	-692.15	8.61e-04	0.0	0.0	-2677.18	90.59	-62.88	-326.56	-692.15	668.29
		668.29	-3918.51	2.92e-03	0.0	51.4	-2561.46	90.59	-62.88	-326.56	-3918.51	4672.74
256	75	4672.74	-692.15	8.61e-04	0.0	0.0	-2677.18	90.59	-62.88	-326.56	-692.15	668.29
		668.29	-3918.51	2.92e-03	0.0	51.4	-2561.46	90.59	-62.88	-326.56	-3918.51	4672.74
256	76	4672.74	-692.15	8.61e-04	0.0	0.0	-2677.18	90.59	-62.88	-326.56	-692.15	668.29
		668.29	-3918.51	2.92e-03	0.0	51.4	-2561.46	90.59	-62.88	-326.56	-3918.51	4672.74
257	1	7297.99	-1359.82	3.08e-03	0.0	0.0	-5150.18	-131.29	138.84	-442.33	-6820.16	7297.99
		1017.05	-6820.16	5.10e-03	0.0	51.4	-4999.75	-131.29	138.84	-442.33	-1359.82	1017.05
257	4	4416.67	-717.62	1.03e-03	0.0	0.0	-3108.94	-85.59	71.76	-48.21	-3797.20	4416.67
		515.39	-3797.20	3.13e-03	0.0	51.4	-2993.22	-85.59	71.76	-48.21	-717.62	515.39
257	6	4355.73	-780.68	1.27e-03	0.0	0.0	-3116.81	-83.61	76.37	-71.87	-3910.68	4355.73
		512.88	-3910.68	2.41e-03	0.0	51.4	-3001.10	-83.61	76.37	-71.87	-780.68	512.88
257	7	5396.13	-1000.77	2.18e-03	0.0	0.0	-3815.22	-97.99	101.51	-293.03	-5015.58	5396.13
		735.44	-5015.58	3.67e-03	0.0	51.4	-3699.51	-97.99	101.51	-293.03	-1000.77	735.44
257	8	4490.04	-757.13	1.19e-03	0.0	0.0	-3174.95	-86.20	75.61	-77.53	-3933.69	4490.04
		535.13	-3933.69	2.99e-03	0.0	51.4	-3059.24	-86.20	75.61	-77.53	-757.13	535.13
257	9	4449.41	-799.17	1.35e-03	0.0	0.0	-3180.20	-84.88	78.69	-93.31	-4009.35	4449.41
		533.46	-4009.35	2.51e-03	0.0	51.4	-3064.49	-84.88	78.69	-93.31	-799.17	533.46
257	19	3365.50	-748.47	-7.67e-04	0.0	0.0	-2999.45	-67.98	61.53	-392.71	-3252.39	3365.50
		311.18	-3252.39	3.90e-03	0.0	51.4	-2883.73	-67.98	61.53	-392.71	-748.47	311.18
257	20	5533.33	-849.87	3.46e-03	0.0	0.0	-3360.96	-101.77	95.84	206.09	-4766.31	5533.33
		755.74	-4766.31	1.12e-03	0.0	51.4	-3245.24	-101.77	95.84	206.09	-849.87	755.74
257	31	3550.36	-922.68	-1.23e-04	0.0	0.0	-2967.87	-70.23	53.52	514.55	-2878.97	3550.36
		384.13	-2878.97	5.09e-03	0.0	51.4	-2852.15	-70.23	53.52	514.55	-922.68	384.13
257	32	5348.46	-675.67	2.82e-03	0.0	0.0	-3392.54	-99.53	103.85	-701.18	-5139.72	5348.46
		682.79	-5139.72	-6.74e-05	0.0	51.4	-3276.82	-99.53	103.85	-701.18	-675.67	682.79
257	34	3854.41	-616.45	2.75e-04	0.0	0.0	-3305.22	-75.33	100.19	-732.56	-4991.36	3854.41
		420.94	-4991.36	5.09e-05	0.0	51.4	-3189.50	-75.33	100.19	-732.56	-616.45	420.94
257	40	4384.18	-674.34	1.38e-03	0.0	0.0	-3379.22	-83.44	106.05	-695.63	-5243.62	4384.18
		536.47	-5243.62	-3.48e-04	0.0	51.4	-3263.51	-83.44	106.05	-695.63	-674.34	536.47
257	51	3365.50	-748.47	-7.67e-04	0.0	0.0	-2999.45	-67.98	61.53	-392.71	-3252.39	3365.50
		311.18	-3252.39	3.90e-03	0.0	51.4	-2883.73	-67.98	61.53	-392.71	-748.47	311.18

257	52	5533.33	-849.87	3.46e-03	0.0	0.0	-3360.96	-101.77	95.84	206.09	-4766.31	5533.33
		755.74	-4766.31	1.12e-03	0.0	51.4	-3245.24	-101.77	95.84	206.09	-849.87	755.74
257	63	3550.36	-922.68	-1.23e-04	0.0	0.0	-2967.87	-70.23	53.52	514.55	-2878.97	3550.36
		384.13	-2878.97	5.09e-03	0.0	51.4	-2852.15	-70.23	53.52	514.55	-922.68	384.13
257	64	5348.46	-675.67	2.82e-03	0.0	0.0	-3392.54	-99.53	103.85	-701.18	-5139.72	5348.46
		682.79	-5139.72	-6.74e-05	0.0	51.4	-3276.82	-99.53	103.85	-701.18	-675.67	682.79
257	66	3854.41	-616.45	2.75e-04	0.0	0.0	-3305.22	-75.33	100.19	-732.56	-4991.36	3854.41
		420.94	-4991.36	5.09e-05	0.0	51.4	-3189.50	-75.33	100.19	-732.56	-616.45	420.94
257	72	4384.18	-674.34	1.38e-03	0.0	0.0	-3379.22	-83.44	106.05	-695.63	-5243.62	4384.18
		536.47	-5243.62	-3.48e-04	0.0	51.4	-3263.51	-83.44	106.05	-695.63	-674.34	536.47
257	74	4449.41	-799.17	1.35e-03	0.0	0.0	-3180.20	-84.88	78.69	-93.31	-4009.35	4449.41
		533.46	-4009.35	2.51e-03	0.0	51.4	-3064.49	-84.88	78.69	-93.31	-799.17	533.46
257	75	4449.41	-799.17	1.35e-03	0.0	0.0	-3180.20	-84.88	78.69	-93.31	-4009.35	4449.41
		533.46	-4009.35	2.51e-03	0.0	51.4	-3064.49	-84.88	78.69	-93.31	-799.17	533.46
257	76	4449.41	-799.17	1.35e-03	0.0	0.0	-3180.20	-84.88	78.69	-93.31	-4009.35	4449.41
		533.46	-4009.35	2.51e-03	0.0	51.4	-3064.49	-84.88	78.69	-93.31	-799.17	533.46
258	1	4184.89	-730.61	-2.16e-03	0.0	0.0	-4921.90	149.68	-59.87	-4242.19	-730.61	311.36
		311.36	-3809.32	8.04e-03	0.0	51.4	-4771.47	149.68	-59.87	-4242.19	-3809.32	4184.89
258	2	3092.01	-601.07	-1.59e-03	0.0	0.0	-3823.92	123.27	-46.09	-3279.60	-601.07	-324.55
		-324.55	-2971.39	6.47e-03	0.0	51.4	-3708.21	123.27	-46.09	-3279.60	-2971.39	3092.01
258	3	1.115e+04	-294.09	-3.00e-03	0.0	0.0	-4766.35	7.86	-64.11	-3973.18	-294.09	1.115e+04
		7106.35	-3590.87	5.99e-03	0.0	51.4	-4615.92	7.86	-64.11	-3973.18	-3590.87	7106.35
258	4	1.051e+04	-164.56	-2.43e-03	0.0	0.0	-3668.37	-18.55	-50.33	-3010.59	-164.56	1.051e+04
		6013.48	-2752.94	4.43e-03	0.0	51.4	-3552.66	-18.55	-50.33	-3010.59	-2752.94	6013.48
258	6	5006.62	-229.29	-2.15e-03	0.0	0.0	-3487.91	46.30	-46.02	-3049.76	-229.29	5006.62
		4314.56	-2595.93	4.15e-03	0.0	51.4	-3372.20	46.30	-46.02	-3049.76	-2595.93	4314.56
258	7	3411.92	-503.56	-1.74e-03	0.0	0.0	-3734.35	103.06	-46.06	-3223.71	-503.56	1075.95
		1075.95	-2871.95	5.84e-03	0.0	51.4	-3618.64	103.06	-46.06	-3223.71	-2871.95	3411.92
258	8	8298.38	-212.55	-2.30e-03	0.0	0.0	-3063.65	8.51	-48.88	-3044.37	-212.55	8298.38
		5359.56	-2726.32	4.47e-03	0.0	51.4	-3514.94	8.51	-48.88	-3044.37	-2726.32	5359.56
258	9	4630.07	-255.70	-2.11e-03	0.0	0.0	-3510.35	51.75	-46.01	-3070.48	-255.70	4630.07
		4226.95	-2621.65	4.29e-03	0.0	51.4	-3394.63	51.75	-46.01	-3070.48	-2621.65	4226.95
258	19	-4031.27	-14.29	-3.40e-03	0.0	0.0	-3173.28	128.92	-42.46	-2515.57	-14.29	-7593.80
		-7593.80	-2234.57	5.68e-03	0.0	51.4	-3057.56	128.92	-42.46	-2515.57	-2234.57	-4031.27
258	31	-4565.48	-34.50	-2.01e-03	0.0	0.0	-3040.05	131.25	-41.27	-2594.53	-34.50	-8242.73
		-8242.73	-2192.53	4.84e-03	0.0	51.4	-2924.33	131.25	-41.27	-2594.53	-2192.53	-4565.48
258	32	1.750e+04	-476.91	-2.21e-03	0.0	0.0	-3980.64	-27.76	-50.74	-3546.42	-476.91	1.750e+04
		1.302e+04	-3050.76	3.73e-03	0.0	51.4	-3864.93	-27.76	-50.74	-3546.42	-3050.76	1.302e+04
258	51	-4031.27	-14.29	-3.40e-03	0.0	0.0	-3173.28	128.92	-42.46	-2515.57	-14.29	-7593.80
		-7593.80	-2234.57	5.68e-03	0.0	51.4	-3057.56	128.92	-42.46	-2515.57	-2234.57	-4031.27
258	63	-4565.48	-34.50	-2.01e-03	0.0	0.0	-3040.05	131.25	-41.27	-2594.53	-34.50	-8242.73
		-8242.73	-2192.53	4.84e-03	0.0	51.4	-2924.33	131.25	-41.27	-2594.53	-2192.53	-4565.48
258	64	1.750e+04	-476.91	-2.21e-03	0.0	0.0	-3980.64	-27.76	-50.74	-3546.42	-476.91	1.750e+04
		1.302e+04	-3050.76	3.73e-03	0.0	51.4	-3864.93	-27.76	-50.74	-3546.42	-3050.76	1.302e+04
258	74	4630.07	-255.70	-2.11e-03	0.0	0.0	-3510.35	51.75	-46.01	-3070.48	-255.70	4630.07
		4226.95	-2621.65	4.29e-03	0.0	51.4	-3394.63	51.75	-46.01	-3070.48	-2621.65	4226.95
258	75	4630.07	-255.70	-2.11e-03	0.0	0.0	-3510.35	51.75	-46.01	-3070.48	-255.70	4630.07
		4226.95	-2621.65	4.29e-03	0.0	51.4	-3394.63	51.75	-46.01	-3070.48	-2621.65	4226.95
258	76	4630.07	-255.70	-2.11e-03	0.0	0.0	-3510.35	51.75	-46.01	-3070.48	-255.70	4630.07
		4226.95	-2621.65	4.29e-03	0.0	51.4	-3394.63	51.75	-46.01	-3070.48	-2621.65	4226.95
262	1	6133.55	-636.39	-1.73e-03	0.0	0.0	-3214.70	155.12	61.68	-4072.40	-636.39	1914.94
		1914.94	-3808.74	7.64e-03	0.0	51.4	-3064.27	155.12	61.68	-4072.40	-636.39	6133.55
262	2	4716.78	-489.36	-1.28e-03	0.0	0.0	-2496.39	124.05	48.25	-3215.00	-2970.92	1305.60
		1305.60	-2970.92	6.17e-03	0.0	51.4	-2380.68	124.05	48.25	-3215.00	-489.36	4716.78
262	3	6907.07	-673.06	-2.12e-03	0.0	0.0	-3142.41	81.99	56.72	-2904.13	-673.06	5373.92
		5373.92	-3590.44	5.60e-03	0.0	51.4	-2991.98	81.99	56.72	-2904.13	-673.06	6907.07
262	6	4776.26	-494.32	-1.64e-03	0.0	0.0	-2289.05	79.68	40.86	-2425.86	-494.32	2912.14
		2912.14	-2595.63	3.86e-03	0.0	51.4	-2173.33	79.68	40.86	-2425.86	-494.32	4776.26
262	7	4729.60	-490.46	-1.38e-03	0.0	0.0	-2441.01	112.38	46.29	-3008.32	-490.46	1726.20
		1726.20	-2871.53	5.54e-03	0.0	51.4	-2325.30	112.38	46.29	-3008.32	-490.46	4729.60
262	8	5245.28	-514.91	-1.64e-03	0.0	0.0	-2392.82	63.62	42.99	-2229.47	-514.91	5245.28
		4032.19	-2726.00	4.18e-03	0.0	51.4	-2277.11	63.62	42.99	-2229.47	-514.91	4032.19
262	9	4769.26	-493.76	-1.62e-03	0.0	0.0	-2302.78	82.79	41.37	-2482.23	-493.76	2797.23
		2797.23	-2621.34	4.00e-03	0.0	51.4	-2187.07	82.79	41.37	-2482.23	-493.76	4769.26
262	31	495.88	-320.76	-1.16e-03	0.0	0.0	-1781.62	141.70	35.60	-1976.36	-320.76	495.88
		-4473.96	-2192.06	6.95e-03	0.0	51.4	-1665.91	141.70	35.60	-1976.36	-320.76	-4473.96
262	32	1.007e+04	-666.77	-2.08e-03	0.0	0.0	-2823.95	23.89	47.13	-2988.10	-666.77	1.007e+04
		9042.63	-3050.62	1.06e-03	0.0	51.4	-2708.23	23.89	47.13	-2988.10	-666.77	9042.63
262	39	1447.70	-296.43	-1.89e-03	0.0	0.0	-1792.26	124.31	37.76	-2259.35	-296.43	1447.70
		-2602.92	-2293.99	7.80e-03	0.0	51.4	-1676.55	124.31	37.76	-2259.35	-296.43	-2602.92
262	63	495.88	-320.76	-1.16e-03	0.0	0.0	-1781.62	141.70	35.60	-1976.36	-320.76	495.88
		-4473.96	-2192.06	6.95e-03	0.0	51.4	-1665.91	141.70	35.60	-1976.36	-320.76	-4473.96
262	64	1.007e+04	-666.77	-2.08e-03	0.0	0.0	-2823.95	23.89	47.13	-2988.10	-666.77	1.007e+04
		9042.63	-3050.62	1.06e-03	0.0	51.4	-2708.23	23.89	47.13	-2988.10	-666.77	9042.63
262	71	1447.70	-296.43	-1.89e-03	0.0	0.0	-1792.26	124.31	37.76	-2259.35	-296.43	1447.70
		-2602.92	-2293.99	7.80e-03	0.0	51.4	-1676.55	124.31	37.76	-2259.35	-296.43	-2602.92
262	74	4769.26	-493.76	-1.62e-03	0.0	0.0	-2302.78	82.79	41.37	-2482.23	-493.76	2797.23

		2797.23	-2621.34	4.00e-03	0.0	51.4	-2187.07	82.79	41.37	-2482.23	-493.76	4769.26
262	75	4769.26	-493.76	-1.62e-03	0.0	0.0	-2302.78	82.79	41.37	-2482.23	-2621.34	2797.23
		2797.23	-2621.34	4.00e-03	0.0	51.4	-2187.07	82.79	41.37	-2482.23	-493.76	4769.26
262	76	4769.26	-493.76	-1.62e-03	0.0	0.0	-2302.78	82.79	41.37	-2482.23	-2621.34	2797.23
		2797.23	-2621.34	4.00e-03	0.0	51.4	-2187.07	82.79	41.37	-2482.23	-493.76	4769.26
266	1	9498.77	-635.83	-1.03e-03	0.0	0.0	-2625.83	162.41	-10.38	-3448.27	-635.83	4332.02
		4332.02	-1169.44	7.58e-03	0.0	51.4	-2475.40	162.41	-10.38	-3448.27	-1169.44	9498.77
266	2	7407.73	-488.91	-7.49e-04	0.0	0.0	-2037.68	129.48	-8.07	-2745.62	-488.91	3286.69
		3286.69	-903.81	6.12e-03	0.0	51.4	-1921.96	129.48	-8.07	-2745.62	-903.81	7407.73
266	3	8699.38	-672.65	-1.27e-03	0.0	0.0	-2596.84	95.42	-9.67	-2111.21	-672.65	5731.97
		5731.97	-1169.58	5.53e-03	0.0	51.4	-2446.41	95.42	-9.67	-2111.21	-1169.58	8699.38
266	6	6526.76	-494.03	-1.07e-03	0.0	0.0	-1883.54	87.11	-7.33	-1867.63	-494.03	3763.81
		3763.81	-870.89	3.81e-03	0.0	51.4	-1767.83	87.11	-7.33	-1867.63	-870.89	6526.76
266	7	7171.91	-490.05	-8.39e-04	0.0	0.0	-1996.34	118.31	-7.87	-2514.85	-490.05	3409.29
		3409.29	-894.74	5.49e-03	0.0	51.4	-1880.62	118.31	-7.87	-2514.85	-894.74	7171.91
266	8	6638.98	-514.60	-9.96e-04	0.0	0.0	-1977.01	73.65	-7.40	-1623.48	-514.60	4342.59
		4342.59	-894.83	4.12e-03	0.0	51.4	-1861.29	73.65	-7.40	-1623.48	-894.83	6638.98
266	9	6584.60	-493.47	-1.05e-03	0.0	0.0	-1893.58	90.07	-7.38	-1929.53	-493.47	3727.37
		3727.37	-872.79	3.95e-03	0.0	51.4	-1777.87	90.07	-7.38	-1929.53	-872.79	6584.60
266	31	5091.90	-320.29	-2.66e-04	0.0	0.0	-1308.90	143.15	-6.04	-1117.28	-320.29	-390.07
		-390.07	-635.39	7.60e-03	0.0	51.4	-1193.19	143.15	-6.04	-1117.28	-635.39	5091.90
266	32	8077.29	-666.65	-1.83e-03	0.0	0.0	-2478.26	36.99	-8.72	-2741.77	-666.65	7844.81
		7844.81	-1110.18	2.95e-04	0.0	51.4	-2362.54	36.99	-8.72	-2741.77	-1110.18	8077.29
266	39	5217.17	-295.95	-1.29e-03	0.0	0.0	-1302.84	126.96	-6.23	-1593.12	-295.95	627.59
		627.59	-619.64	8.04e-03	0.0	51.4	-1187.13	126.96	-6.23	-1593.12	-619.64	5217.17
266	40	7952.02	-690.99	-8.11e-04	0.0	0.0	-2484.32	53.18	-8.53	-2265.93	-690.99	6827.15
		6827.15	-1125.93	-1.43e-04	0.0	51.4	-2368.61	53.18	-8.53	-2265.93	-1125.93	7952.02
266	63	5091.90	-320.29	-2.66e-04	0.0	0.0	-1308.90	143.15	-6.04	-1117.28	-320.29	-390.07
		-390.07	-635.39	7.60e-03	0.0	51.4	-1193.19	143.15	-6.04	-1117.28	-635.39	5091.90
266	64	8077.29	-666.65	-1.83e-03	0.0	0.0	-2478.26	36.99	-8.72	-2741.77	-666.65	7844.81
		7844.81	-1110.18	2.95e-04	0.0	51.4	-2362.54	36.99	-8.72	-2741.77	-1110.18	8077.29
266	71	5217.17	-295.95	-1.29e-03	0.0	0.0	-1302.84	126.96	-6.23	-1593.12	-295.95	627.59
		627.59	-619.64	8.04e-03	0.0	51.4	-1187.13	126.96	-6.23	-1593.12	-619.64	5217.17
266	72	7952.02	-690.99	-8.11e-04	0.0	0.0	-2484.32	53.18	-8.53	-2265.93	-690.99	6827.15
		6827.15	-1125.93	-1.43e-04	0.0	51.4	-2368.61	53.18	-8.53	-2265.93	-1125.93	7952.02
266	74	6584.60	-493.47	-1.05e-03	0.0	0.0	-1893.58	90.07	-7.38	-1929.53	-493.47	3727.37
		3727.37	-872.79	3.95e-03	0.0	51.4	-1777.87	90.07	-7.38	-1929.53	-872.79	6584.60
266	75	6584.60	-493.47	-1.05e-03	0.0	0.0	-1893.58	90.07	-7.38	-1929.53	-493.47	3727.37
		3727.37	-872.79	3.95e-03	0.0	51.4	-1777.87	90.07	-7.38	-1929.53	-872.79	6584.60
266	76	6584.60	-493.47	-1.05e-03	0.0	0.0	-1893.58	90.07	-7.38	-1929.53	-493.47	3727.37
		3727.37	-872.79	3.95e-03	0.0	51.4	-1777.87	90.07	-7.38	-1929.53	-872.79	6584.60
269	1	1.458e+04	-1168.89	1.45e-04	0.0	0.0	-2398.09	169.10	-6.84	-2468.25	-1168.89	8100.39
		8100.39	-1520.31	7.42e-03	0.0	51.4	-2247.66	169.10	-6.84	-2468.25	-1520.31	1.458e+04
269	6	9491.46	-870.61	-2.79e-04	0.0	0.0	-1728.87	92.02	-4.89	-1191.42	-870.61	5812.18
		5812.18	-1122.13	3.70e-03	0.0	51.4	-1613.15	92.02	-4.89	-1191.42	-1122.13	9491.46
269	7	1.091e+04	-894.33	-1.14e-04	0.0	0.0	-1824.77	123.41	-5.20	-1774.58	-894.33	6159.54
		6159.54	-1161.43	5.37e-03	0.0	51.4	-1709.05	123.41	-5.20	-1774.58	-1161.43	1.091e+04
269	9	9622.21	-872.50	-2.64e-04	0.0	0.0	-1737.26	95.00	-4.92	-1247.25	-872.50	5841.58
		5841.58	-1125.36	3.83e-03	0.0	51.4	-1621.54	95.00	-4.92	-1247.25	-1125.36	9622.21
269	18	1.100e+04	-839.92	-3.36e-03	0.0	0.0	-1635.20	123.86	-5.14	-2938.57	-839.92	5139.74
		5139.74	-1090.36	2.58e-03	0.0	51.4	-1519.49	123.86	-5.14	-2938.57	-1090.36	1.100e+04
269	31	9267.45	-634.93	7.63e-04	0.0	0.0	-1059.33	146.65	-4.72	-360.63	-634.93	4011.50
		4011.50	-873.46	7.53e-03	0.0	51.4	-943.62	146.65	-4.72	-360.63	-873.46	9267.45
269	39	9385.87	-619.16	-3.31e-04	0.0	0.0	-1039.29	83.57	-4.65	-879.68	-619.16	4348.01
		4348.01	-853.87	7.82e-03	0.0	51.4	-923.58	83.57	-4.65	-879.68	-853.87	9385.87
269	40	9858.55	-1125.84	-2.11e-04	0.0	0.0	-2435.22	106.42	-5.19	-1614.83	-1125.84	7335.16
		7335.16	-1396.84	-1.49e-04	0.0	51.4	-2319.51	106.42	-5.19	-1614.83	-1396.84	9858.55
269	50	1.100e+04	-839.92	-3.36e-03	0.0	0.0	-1635.20	123.86	-5.14	-2938.57	-839.92	5139.74
		5139.74	-1090.36	2.58e-03	0.0	51.4	-1519.49	123.86	-5.14	-2938.57	-1090.36	1.100e+04
269	63	9267.45	-634.93	7.63e-04	0.0	0.0	-1059.33	146.65	-4.72	-360.63	-634.93	4011.50
		4011.50	-873.46	7.53e-03	0.0	51.4	-943.62	146.65	-4.72	-360.63	-873.46	9267.45
269	71	9385.87	-619.16	-3.31e-04	0.0	0.0	-1039.29	83.57	-4.65	-879.68	-619.16	4348.01
		4348.01	-853.87	7.82e-03	0.0	51.4	-923.58	83.57	-4.65	-879.68	-853.87	9385.87
269	72	9858.55	-1125.84	-2.11e-04	0.0	0.0	-2435.22	106.42	-5.19	-1614.83	-1125.84	7335.16
		7335.16	-1396.84	-1.49e-04	0.0	51.4	-2319.51	106.42	-5.19	-1614.83	-1396.84	9858.55
269	74	9622.21	-872.50	-2.64e-04	0.0	0.0	-1737.26	95.00	-4.92	-1247.25	-872.50	5841.58
		5841.58	-1125.36	3.83e-03	0.0	51.4	-1621.54	95.00	-4.92	-1247.25	-1125.36	9622.21
269	75	9622.21	-872.50	-2.64e-04	0.0	0.0	-1737.26	95.00	-4.92	-1247.25	-872.50	5841.58
		5841.58	-1125.36	3.83e-03	0.0	51.4	-1621.54	95.00	-4.92	-1247.25	-1125.36	9622.21
269	76	9622.21	-872.50	-2.64e-04	0.0	0.0	-1737.26	95.00	-4.92	-1247.25	-872.50	5841.58
		5841.58	-1125.36	3.83e-03	0.0	51.4	-1621.54	95.00	-4.92	-1247.25	-1125.36	9622.21
270	1	2.240e+04	-1519.77	2.04e-03	0.0	0.0	-2179.25	183.41	-0.37	-945.28	-1519.77	1.376e+04
		1.376e+04	-1538.35	7.23e-03	0.0	51.4	-2028.83	183.41	-0.37	-945.28	-1538.35	2.240e+04
270	3	1.776e+04	-1504.42	1.44e-03	0.0	0.0	-2211.70	115.75	-1.14	-97.40	-1504.42	1.181e+04
		1.181e+04	-1563.04	5.18e-03	0.0	51.4	-2061.28	115.75	-1.14	-97.40	-1563.04	1.776e+04
270	4	1.296e+04	-1160.46	1.05e-03	0.0	0.0	-1722.42	78.14	-1.06	64.24	-1160.46	8815.98
		8815.98	-1215.07	3.80e-03	0.0	51.4	-1606.70	78.14	-1.06	64.24	-1215.07	1.296e+04

270	6	1.422e+04	-1121.86	1.00e-03	0.0	0.0	-1576.50	101.70	-0.24	-241.87	-1121.86	9152.74
		9152.74	-1134.19	3.55e-03	0.0	51.4	-1460.79	101.70	-0.24	-241.87	-1134.19	1.422e+04
270	7	1.670e+04	-1161.04	1.47e-03	0.0	0.0	-1659.25	134.19	-0.28	-641.78	-1161.04	1.033e+04
		1.033e+04	-1175.00	5.22e-03	0.0	51.4	-1543.53	134.19	-0.28	-641.78	-1175.00	1.670e+04
270	8	1.361e+04	-1150.81	1.07e-03	0.0	0.0	-1680.88	89.08	-0.79	-76.53	-1150.81	9035.82
		9035.82	-1191.46	3.85e-03	0.0	51.4	-1565.17	89.08	-0.79	-76.53	-1191.46	1.361e+04
270	9	1.445e+04	-1125.08	1.04e-03	0.0	0.0	-1583.60	104.79	-0.25	-280.59	-1125.08	9260.33
		9260.33	-1137.55	3.69e-03	0.0	51.4	-1467.89	104.79	-0.25	-280.59	-1137.55	1.445e+04
270	19	1.812e+04	-957.09	-9.12e-04	0.0	0.0	-1031.78	158.67	-3.68	-1015.01	-957.09	1.015e+04
		1.015e+04	-1127.77	0.01	0.0	51.4	-916.06	158.67	-3.68	-1015.01	-1127.77	1.812e+04
270	25	1.109e+04	-1154.21	3.75e-03	0.0	0.0	-1689.73	55.73	0.08	959.56	-1154.21	8137.81
		8137.81	-1172.04	-2.33e-03	0.0	51.4	-1574.01	55.73	0.08	959.56	-1172.04	1.109e+04
270	39	1.403e+04	-853.40	1.07e-03	0.0	0.0	-724.09	93.42	-6.25	39.66	-853.40	9143.08
		9143.08	-1170.95	9.95e-03	0.0	51.4	-608.38	93.42	-6.25	39.66	-1170.95	1.403e+04
270	40	1.487e+04	-1104.15	1.01e-03	0.0	0.0	-2443.12	116.15	5.76	-600.85	-1396.76	9377.57
		9377.57	-1396.76	-2.58e-03	0.0	51.4	-2327.40	116.15	5.76	-600.85	-1104.15	1.487e+04
270	51	1.812e+04	-957.09	-9.12e-04	0.0	0.0	-1031.78	158.67	-3.68	-1015.01	-957.09	1.015e+04
		1.015e+04	-1127.77	0.01	0.0	51.4	-916.06	158.67	-3.68	-1015.01	-1127.77	1.812e+04
270	57	1.109e+04	-1154.21	3.75e-03	0.0	0.0	-1689.73	55.73	0.08	959.56	-1154.21	8137.81
		8137.81	-1172.04	-2.33e-03	0.0	51.4	-1574.01	55.73	0.08	959.56	-1172.04	1.109e+04
270	71	1.403e+04	-853.40	1.07e-03	0.0	0.0	-724.09	93.42	-6.25	39.66	-853.40	9143.08
		9143.08	-1170.95	9.95e-03	0.0	51.4	-608.38	93.42	-6.25	39.66	-1170.95	1.403e+04
270	72	1.487e+04	-1104.15	1.01e-03	0.0	0.0	-2443.12	116.15	5.76	-600.85	-1396.76	9377.57
		9377.57	-1396.76	-2.58e-03	0.0	51.4	-2327.40	116.15	5.76	-600.85	-1104.15	1.487e+04
270	74	1.445e+04	-1125.08	1.04e-03	0.0	0.0	-1583.60	104.79	-0.25	-280.59	-1125.08	9260.33
		9260.33	-1137.55	3.69e-03	0.0	51.4	-1467.89	104.79	-0.25	-280.59	-1137.55	1.445e+04
270	75	1.445e+04	-1125.08	1.04e-03	0.0	0.0	-1583.60	104.79	-0.25	-280.59	-1125.08	9260.33
		9260.33	-1137.55	3.69e-03	0.0	51.4	-1467.89	104.79	-0.25	-280.59	-1137.55	1.445e+04
270	76	1.445e+04	-1125.08	1.04e-03	0.0	0.0	-1583.60	104.79	-0.25	-280.59	-1125.08	9260.33
		9260.33	-1137.55	3.69e-03	0.0	51.4	-1467.89	104.79	-0.25	-280.59	-1137.55	1.445e+04
271	1	3.719e+04	-1191.37	5.03e-03	0.0	0.0	-1825.45	249.36	6.73	2172.23	-1537.82	2.241e+04
		2.241e+04	-1537.82	7.03e-03	0.0	51.4	-1675.02	249.36	6.73	2172.23	-1191.37	3.719e+04
271	3	2.888e+04	-1562.67	3.83e-03	0.0	0.0	-1911.16	172.61	-6.05	2153.54	-1562.67	2.888e+04
		1.804e+04	-1873.65	4.99e-03	0.0	51.4	-1760.73	172.61	-6.05	2153.54	-1873.65	2.888e+04
271	4	2.094e+04	-1214.79	2.80e-03	0.0	0.0	-1501.44	120.59	-7.50	1656.54	-1214.79	1.323e+04
		1.323e+04	-1600.58	3.65e-03	0.0	51.4	-1385.72	120.59	-7.50	1656.54	-1600.58	2.094e+04
271	6	2.338e+04	-917.41	2.91e-03	0.0	0.0	-1321.55	145.64	4.21	1657.52	-1133.94	1.439e+04
		1.439e+04	-1133.94	3.40e-03	0.0	51.4	-1205.84	145.64	4.21	1657.52	-917.41	2.338e+04
271	7	2.770e+04	-917.07	3.71e-03	0.0	0.0	-1390.10	183.73	5.00	1669.21	-1174.62	1.674e+04
		1.674e+04	-1174.62	5.07e-03	0.0	51.4	-1274.38	183.73	5.00	1669.21	-917.07	2.770e+04
271	8	2.216e+04	-1191.19	2.90e-03	0.0	0.0	-1447.24	132.56	-3.52	1656.75	-1191.19	1.383e+04
		1.383e+04	-1371.92	3.70e-03	0.0	51.4	-1331.53	132.56	-3.52	1656.75	-1371.92	2.216e+04
271	9	2.379e+04	-916.48	2.98e-03	0.0	0.0	-1327.32	149.27	4.29	1657.41	-1137.28	1.460e+04
		1.460e+04	-1137.28	3.54e-03	0.0	51.4	-1211.60	149.27	4.29	1657.41	-916.48	2.379e+04
271	19	3.049e+04	1363.87	-5.72e-03	0.0	0.0	-613.14	203.42	48.77	1397.12	-1127.44	1.858e+04
		1.858e+04	-1127.44	6.01e-03	0.0	51.4	-497.43	203.42	48.77	1397.12	1363.87	3.049e+04
271	20	1.708e+04	-1147.13	0.01	0.0	0.0	-2041.49	95.11	-40.19	1917.70	-1147.13	1.063e+04
		1.063e+04	-3196.83	1.07e-03	0.0	51.4	-1925.78	95.11	-40.19	1917.70	-3196.83	1.708e+04
271	39	2.289e+04	2834.55	3.07e-03	0.0	0.0	-190.91	138.96	77.93	2092.02	-1170.51	1.424e+04
		1.424e+04	-1170.51	8.08e-03	0.0	51.4	-75.19	138.96	77.93	2092.02	2834.55	2.289e+04
271	40	2.468e+04	-1104.06	2.90e-03	0.0	0.0	-2463.73	159.57	-69.35	1222.80	-1104.06	1.497e+04
		1.497e+04	-4667.50	-9.93e-04	0.0	51.4	-2348.01	159.57	-69.35	1222.80	-4667.50	2.468e+04
271	51	3.049e+04	1363.87	-5.72e-03	0.0	0.0	-613.14	203.42	48.77	1397.12	-1127.44	1.858e+04
		1.858e+04	-1127.44	6.01e-03	0.0	51.4	-497.43	203.42	48.77	1397.12	1363.87	3.049e+04
271	52	1.708e+04	-1147.13	0.01	0.0	0.0	-2041.49	95.11	-40.19	1917.70	-1147.13	1.063e+04
		1.063e+04	-3196.83	1.07e-03	0.0	51.4	-1925.78	95.11	-40.19	1917.70	-3196.83	1.708e+04
271	71	2.289e+04	2834.55	3.07e-03	0.0	0.0	-190.91	138.96	77.93	2092.02	-1170.51	1.424e+04
		1.424e+04	-1170.51	8.08e-03	0.0	51.4	-75.19	138.96	77.93	2092.02	2834.55	2.289e+04
271	72	2.468e+04	-1104.06	2.90e-03	0.0	0.0	-2463.73	159.57	-69.35	1222.80	-1104.06	1.497e+04
		1.497e+04	-4667.50	-9.93e-04	0.0	51.4	-2348.01	159.57	-69.35	1222.80	-4667.50	2.468e+04
271	74	2.379e+04	-916.48	2.98e-03	0.0	0.0	-1327.32	149.27	4.29	1657.41	-1137.28	1.460e+04
		1.460e+04	-1137.28	3.54e-03	0.0	51.4	-1211.60	149.27	4.29	1657.41	-916.48	2.379e+04
271	75	2.379e+04	-916.48	2.98e-03	0.0	0.0	-1327.32	149.27	4.29	1657.41	-1137.28	1.460e+04
		1.460e+04	-1137.28	3.54e-03	0.0	51.4	-1211.60	149.27	4.29	1657.41	-916.48	2.379e+04
271	76	2.379e+04	-916.48	2.98e-03	0.0	0.0	-1327.32	149.27	4.29	1657.41	-1137.28	1.460e+04
		1.460e+04	-1137.28	3.54e-03	0.0	51.4	-1211.60	149.27	4.29	1657.41	-916.48	2.379e+04
272	1	8.959e+04	708.16	0.01	0.0	0.0	-1332.29	713.29	36.92	1.136e+04	-1190.86	3.918e+04
		3.918e+04	-1190.86	6.87e-03	0.0	51.4	-1181.87	713.29	36.92	1.136e+04	708.16	8.959e+04
272	3	7.077e+04	377.21	7.92e-03	0.0	0.0	-1487.54	564.99	43.76	9126.48	-1873.29	3.058e+04
		3.058e+04	-1873.29	4.77e-03	0.0	51.4	-1337.11	564.99	43.76	9126.48	377.21	7.077e+04
272	4	5.156e+04	225.58	5.77e-03	0.0	0.0	-1189.95	412.10	35.50	6673.55	-1600.32	2.220e+04
		2.220e+04	-1600.32	3.47e-03	0.0	51.4	-1074.23	412.10	35.50	6673.55	225.58	5.156e+04
272	6	5.697e+04	449.00	6.23e-03	0.0	0.0	-955.76	451.72	26.56	7365.88	-917.17	2.475e+04
		2.475e+04	-917.17	3.28e-03	0.0	51.4	-840.05	451.72	26.56	7365.88	449.00	5.697e+04
272	7	6.683e+04	528.05	7.62e-03	0.0	0.0	-1013.11	531.72	28.09	8502.01	-916.70	2.920e+04
		2.920e+04	-916.70	4.94e-03	0.0	51.4	-897.40	531.72	28.09	8502.01	528.05	6.683e+04
272	8	5.429e+04	307.41	6.04e-03	0.0	0.0	-1116.61	432.86	32.65	7010.05	-1371.65	2.346e+04

		2.346e+04	-1371.65	3.54e-03	0.0	51.4	-1000.89	432.86	32.65	7010.05	307.41	5.429e+04
272	9	5.790e+04	456.36	6.35e-03	0.0	0.0	-960.49	459.27	26.69	7471.61	-916.22	2.516e+04
		2.516e+04	-916.22	3.42e-03	0.0	51.4	-844.77	459.27	26.69	7471.61	456.36	5.790e+04
272	19	6.862e+04	1838.64	4.79e-03	0.0	0.0	-145.69	487.98	9.10	9292.54	1364.25	3.349e+04
		3.349e+04	1364.25	6.31e-03	0.0	51.4	-29.98	487.98	9.10	9292.54	1838.64	6.862e+04
272	20	4.717e+04	-925.91	7.91e-03	0.0	0.0	-1775.28	430.56	44.27	5650.68	-3196.69	1.683e+04
		1.683e+04	-3196.69	5.37e-04	0.0	51.4	-1659.56	430.56	44.27	5650.68	-925.91	4.717e+04
272	39	5.650e+04	2835.01	6.39e-03	0.0	0.0	354.56	437.66	-0.33	9393.89	2835.01	3.031e+04
		3.031e+04	2820.82	8.44e-03	0.0	51.4	470.27	437.66	-0.33	9393.89	2820.82	5.650e+04
272	40	5.930e+04	-1908.09	6.32e-03	0.0	0.0	-2275.53	480.89	53.71	5549.33	-4667.45	2.001e+04
		2.001e+04	-4667.45	-1.60e-03	0.0	51.4	-2159.82	480.89	53.71	5549.33	-1908.09	5.930e+04
272	51	6.862e+04	1838.64	4.79e-03	0.0	0.0	-145.69	487.98	9.10	9292.54	1364.25	3.349e+04
		3.349e+04	1364.25	6.31e-03	0.0	51.4	-29.98	487.98	9.10	9292.54	1838.64	6.862e+04
272	52	4.717e+04	-925.91	7.91e-03	0.0	0.0	-1775.28	430.56	44.27	5650.68	-3196.69	1.683e+04
		1.683e+04	-3196.69	5.37e-04	0.0	51.4	-1659.56	430.56	44.27	5650.68	-925.91	4.717e+04
272	71	5.650e+04	2835.01	6.39e-03	0.0	0.0	354.56	437.66	-0.33	9393.89	2835.01	3.031e+04
		3.031e+04	2820.82	8.44e-03	0.0	51.4	470.27	437.66	-0.33	9393.89	2820.82	5.650e+04
272	72	5.930e+04	-1908.09	6.32e-03	0.0	0.0	-2275.53	480.89	53.71	5549.33	-4667.45	2.001e+04
		2.001e+04	-4667.45	-1.60e-03	0.0	51.4	-2159.82	480.89	53.71	5549.33	-1908.09	5.930e+04
272	74	5.790e+04	456.36	6.35e-03	0.0	0.0	-960.49	459.27	26.69	7471.61	-916.22	2.516e+04
		2.516e+04	-916.22	3.42e-03	0.0	51.4	-844.77	459.27	26.69	7471.61	456.36	5.790e+04
272	75	5.790e+04	456.36	6.35e-03	0.0	0.0	-960.49	459.27	26.69	7471.61	-916.22	2.516e+04
		2.516e+04	-916.22	3.42e-03	0.0	51.4	-844.77	459.27	26.69	7471.61	456.36	5.790e+04
272	76	5.790e+04	456.36	6.35e-03	0.0	0.0	-960.49	459.27	26.69	7471.61	-916.22	2.516e+04
		2.516e+04	-916.22	3.42e-03	0.0	51.4	-844.77	459.27	26.69	7471.61	456.36	5.790e+04

Pilas.	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	N	V 2	V 3	T
	-2.015e+06	-1.008e+06	-0.52	-1.37e-03	-3.619e+04	-5581.69	-2994.84	-3.133e+05
	1.957e+06	1.194e+06	0.61	1.05e-03	470.27	9351.20	3901.78	2.657e+05

Trave	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3	
		daN	cm	daN	cm	cm	daN	daN	daN	daN	cm	daN	cm
3	1	4.766e+05	4243.99	0.03	-1.450e+04	0.0	-1274.65	7646.48	-40.65	-7090.11	4243.99	-2.828e+05	
		-2.828e+05	-1.111e+04	-0.02	0.0	377.8	-1274.65	-6857.08	-40.65	-7090.11	-1.111e+04	-1.337e+05	
3	3	3.740e+05	7051.01	0.02	-1.105e+04	0.0	-1393.52	5880.33	-66.98	-8603.11	7051.01	-2.154e+05	
		-2.154e+05	-1.825e+04	-0.03	0.0	377.8	-1393.52	-5166.62	-66.98	-8603.11	-1.825e+04	-8.056e+04	
3	6	2.789e+05	4513.61	0.01	-8089.96	0.0	-948.29	4322.27	-41.46	-5730.65	4513.61	-1.560e+05	
		-1.560e+05	-1.115e+04	-0.02	0.0	377.8	-948.29	-3767.68	-41.46	-5730.65	-1.115e+04	-5.128e+04	
3	7	3.513e+05	3475.02	0.02	-1.062e+04	0.0	-973.52	5611.49	-33.00	-5489.52	3475.02	-2.069e+05	
		-2.069e+05	-8989.99	-0.02	0.0	377.8	-973.52	-5013.31	-33.00	-5489.52	-8989.99	-9.392e+04	
3	8	2.830e+05	5346.36	0.01	-8320.40	0.0	-1052.76	4434.06	-50.55	-6498.19	5346.36	-1.619e+05	
		-1.619e+05	-1.375e+04	-0.02	0.0	377.8	-1052.76	-3886.34	-50.55	-6498.19	-1.375e+04	-5.848e+04	
3	9	2.855e+05	4431.34	0.01	-8320.40	0.0	-953.32	4439.40	-40.77	-5733.09	4431.34	-1.606e+05	
		-1.606e+05	-1.097e+04	-0.02	0.0	377.8	-953.32	-3880.99	-40.77	-5733.09	-1.097e+04	-5.515e+04	
3	14	2.961e+05	6391.97	-0.02	-8320.40	0.0	-1466.26	4271.47	-54.37	-8605.13	6391.97	-1.173e+05	
		-1.173e+05	-1.420e+04	-0.03	0.0	377.8	-1466.26	-4048.93	-54.37	-8605.13	-1.420e+04	-7.618e+04	
3	17	2.783e+05	2470.72	0.02	-8320.40	0.0	-440.39	4607.34	-27.17	-2861.05	2470.72	-2.039e+05	
		-2.039e+05	-7745.98	-7.97e-03	0.0	377.8	-440.39	-3713.06	-27.17	-2861.05	-7745.98	-3.413e+04	
3	39	2.816e+05	5.094e+04	-0.01	-8320.40	0.0	-4682.47	4517.99	-358.18	4.162e+04	5.094e+04	-1.812e+05	
		-1.812e+05	-8.439e+04	0.01	0.0	377.8	-4682.47	-3802.41	-358.18	4.162e+04	-8.439e+04	-4.606e+04	
3	40	2.907e+05	6.245e+04	0.02	-8320.40	0.0	2775.82	4360.81	276.63	-5.308e+04	-4.207e+04	-1.400e+05	
		-1.400e+05	-4.207e+04	-0.04	0.0	377.8	2775.82	-3959.58	276.63	-5.308e+04	6.245e+04	-6.425e+04	
3	46	2.961e+05	6391.97	-0.02	-8320.40	0.0	-1466.26	4271.47	-54.37	-8605.13	6391.97	-1.173e+05	
		-1.173e+05	-1.420e+04	-0.03	0.0	377.8	-1466.26	-4048.93	-54.37	-8605.13	-1.420e+04	-7.618e+04	
3	49	2.783e+05	2470.72	0.02	-8320.40	0.0	-440.39	4607.34	-27.17	-2861.05	2470.72	-2.039e+05	
		-2.039e+05	-7745.98	-7.97e-03	0.0	377.8	-440.39	-3713.06	-27.17	-2861.05	-7745.98	-3.413e+04	
3	71	2.816e+05	5.094e+04	-0.01	-8320.40	0.0	-4682.47	4517.99	-358.18	4.162e+04	5.094e+04	-1.812e+05	
		-1.812e+05	-8.439e+04	0.01	0.0	377.8	-4682.47	-3802.41	-358.18	4.162e+04	-8.439e+04	-4.606e+04	
3	72	2.907e+05	6.245e+04	0.02	-8320.40	0.0	2775.82	4360.81	276.63	-5.308e+04	-4.207e+04	-1.400e+05	
		-1.400e+05	-4.207e+04	-0.04	0.0	377.8	2775.82	-3959.58	276.63	-5.308e+04	6.245e+04	-6.425e+04	
3	74	2.855e+05	4431.34	0.01	-8320.40	0.0	-953.32	4439.40	-40.77	-5733.09	4431.34	-1.606e+05	
		-1.606e+05	-1.097e+04	-0.02	0.0	377.8	-953.32	-3880.99	-40.77	-5733.09	-1.097e+04	-5.515e+04	
3	75	2.855e+05	4431.34	0.01	-8320.40	0.0	-953.32	4439.40	-40.77	-5733.09	4431.34	-1.606e+05	
		-1.606e+05	-1.097e+04	-0.02	0.0	377.8	-953.32	-3880.99	-40.77	-5733.09	-1.097e+04	-5.515e+04	
3	76	2.855e+05	4431.34	0.01	-8320.40	0.0	-953.32	4439.40	-40.77	-5733.09	4431.34	-1.606e+05	
		-1.606e+05	-1.097e+04	-0.02	0.0	377.8	-953.32	-3880.99	-40.77	-5733.09	-1.097e+04	-5.515e+04	
6	1	1.656e+05	6735.90	-0.04	-6165.18	0.0	-499.50	3299.53	27.23	-1.652e+04	-3549.30	-1.671e+05	
		-1.671e+05	-3549.30	-0.02	0.0	377.8	-499.50	-2865.65	27.23	-1.652e+04	6735.90	-8.514e+04	
6	4	9.172e+04	4842.17	-0.03	-3535.91	0.0	-210.38	1954.12	19.90	-1.099e+04	-2674.03	-1.122e+05	
		-1.122e+05	-2674.03	-0.03	0.0	377.8	-210.38	-1581.79	19.90	-1.099e+04	4842.17	-4.187e+04	
6	7	1.215e+05	5039.12	-0.03	-4533.22	0.0	-360.50	2432.89	20.38	-1.231e+04	-2658.46	-1.246e+05	
		-1.246e+05	-2658.46	-0.02	0.0	377.8	-360.50	-2100.33	20.38	-1.231e+04	5039.12	-6.175e+04	
6	8	9.483e+04	4776.15	-0.03	-3626.58	0.0	-231.51	1991.77	19.52	-1.099e+04	-2596.10	-1.117e+05	
		-1.117e+05	-2596.10	-0.02	0.0	377.8	-231.51	-1634.80	19.52	-1.099e+04	4776.15	-4.425e+04	
6	20	1.087e+05	1.535e+04	-0.02	-3626.58	0.0	404.36	2317.41	72.60	-2.034e+04	-1.219e+04	-1.709e+05	

		-1.709e+05	-1.219e+04	-0.02	0.0	377.8	404.36	-1309.17	72.60	-2.034e+04	1.535e+04	1.958e+04
6	38	9.734e+04	2.239e+04	-0.03	-3626.58	0.0	-3409.33	2030.31	101.94	-2.717e+04	-1.612e+04	-1.174e+05
		-1.174e+05	-1.612e+04	-0.04	0.0	377.8	-3409.33	-1596.26	101.94	-2.717e+04	2.239e+04	-3.537e+04
6	40	1.026e+05	2.545e+04	-0.03	-3626.58	0.0	-2584.47	2193.70	118.47	-2.989e+04	-1.937e+04	-1.478e+05
		-1.478e+05	-1.937e+04	-0.04	0.0	377.8	-2584.47	-1432.87	118.47	-2.989e+04	2.545e+04	-4090.92
6	41	9.465e+04	1.138e+04	-0.02	-3626.58	0.0	2900.36	1922.08	-65.61	5933.07	1.138e+04	-9.715e+04
		-9.715e+04	-1.340e+04	6.31e-03	0.0	377.8	2900.36	-1704.49	-65.61	5933.07	-1.340e+04	-5.605e+04
6	52	1.087e+05	1.535e+04	-0.02	-3626.58	0.0	404.36	2317.41	72.60	-2.034e+04	-1.219e+04	-1.709e+05
		-1.709e+05	-1.219e+04	-0.02	0.0	377.8	404.36	-1309.17	72.60	-2.034e+04	1.535e+04	1.958e+04
6	70	9.734e+04	2.239e+04	-0.03	-3626.58	0.0	-3409.33	2030.31	101.94	-2.717e+04	-1.612e+04	-1.174e+05
		-1.174e+05	-1.612e+04	-0.04	0.0	377.8	-3409.33	-1596.26	101.94	-2.717e+04	2.239e+04	-3.537e+04
6	72	1.026e+05	2.545e+04	-0.03	-3626.58	0.0	-2584.47	2193.70	118.47	-2.989e+04	-1.937e+04	-1.478e+05
		-1.478e+05	-1.937e+04	-0.04	0.0	377.8	-2584.47	-1432.87	118.47	-2.989e+04	2.545e+04	-4090.92
6	73	9.465e+04	1.138e+04	-0.02	-3626.58	0.0	2900.36	1922.08	-65.61	5933.07	1.138e+04	-9.715e+04
		-9.715e+04	-1.340e+04	6.31e-03	0.0	377.8	2900.36	-1704.49	-65.61	5933.07	-1.340e+04	-5.605e+04
6	74	9.594e+04	4492.62	-0.03	-3626.58	0.0	-254.48	1976.20	18.16	-1.062e+04	4492.62	-4.571e+04
		-1.073e+05	-2369.30	-0.02	0.0	377.8	-254.48	-1650.38	18.16	-1.062e+04	4492.62	-4.571e+04
6	75	9.594e+04	4492.62	-0.03	-3626.58	0.0	-254.48	1976.20	18.16	-1.062e+04	-2369.30	-1.073e+05
		-1.073e+05	-2369.30	-0.02	0.0	377.8	-254.48	-1650.38	18.16	-1.062e+04	4492.62	-4.571e+04
6	76	9.594e+04	4492.62	-0.03	-3626.58	0.0	-254.48	1976.20	18.16	-1.062e+04	-2369.30	-1.073e+05
		-1.073e+05	-2369.30	-0.02	0.0	377.8	-254.48	-1650.38	18.16	-1.062e+04	4492.62	-4.571e+04
7	1	1958.86	3788.31	0.03	-1961.82	0.0	-217.56	391.26	-50.03	-5.096e+04	3788.31	-1928.78
		-6.089e+04	-1214.47	-5.29e-03	0.0	100.0	-217.56	-1570.56	-50.03	-5.096e+04	-1214.47	-6.089e+04
7	3	4400.66	3148.26	0.03	-1506.22	0.0	-214.88	252.59	-41.27	-4.099e+04	3148.26	2306.23
		-4.775e+04	-978.49	-7.93e-03	0.0	100.0	-214.88	-1253.63	-41.27	-4.099e+04	-978.49	-4.775e+04
7	6	2796.00	2210.49	0.02	-1104.89	0.0	-154.25	177.01	-29.49	-3.034e+04	2210.49	1383.79
		-3.616e+04	-738.31	-4.51e-03	0.0	100.0	-154.25	-927.88	-29.49	-3.034e+04	-738.31	-3.616e+04
7	7	1721.93	2792.96	0.02	-1439.00	0.0	-164.97	279.72	-36.95	-3.767e+04	2792.96	-993.30
		-4.497e+04	-901.77	-4.14e-03	0.0	100.0	-164.97	-1159.28	-36.95	-3.767e+04	-901.77	-4.497e+04
7	8	3361.98	2366.26	0.02	-1135.27	0.0	-163.17	187.27	-31.11	-3.102e+04	2366.26	1830.04
		-3.621e+04	-744.45	-5.90e-03	0.0	100.0	-163.17	-947.99	-31.11	-3.102e+04	-744.45	-3.621e+04
7	9	2692.11	2261.71	0.02	-1135.27	0.0	-155.45	185.87	-30.12	-3.100e+04	2261.71	1181.20
		-3.700e+04	-750.15	-4.48e-03	0.0	100.0	-155.45	-949.40	-30.12	-3.100e+04	-750.15	-3.700e+04
7	38	2.335e+04	2.001e+04	9.62e-03	-1135.27	0.0	535.88	-545.64	-230.39	-3.278e+04	2.001e+04	2.335e+04
		-8.742e+04	-2884.80	7.00e-04	0.0	100.0	535.88	-1680.90	-230.39	-3.278e+04	-2884.80	-8.742e+04
7	39	2.348e+04	3179.80	0.03	-1135.27	0.0	-651.25	1060.70	235.33	-2.810e+04	-2.061e+04	-2.708e+04
		-2.708e+04	-2.061e+04	-7.18e-03	0.0	100.0	-651.25	-74.57	235.33	-2.810e+04	3179.80	2.330e+04
7	40	2.944e+04	2.514e+04	8.57e-03	-1135.27	0.0	340.35	-688.96	-295.57	-3.390e+04	2.514e+04	2.944e+04
		-9.729e+04	-4680.11	-1.78e-03	0.0	100.0	340.35	-1824.22	-295.57	-3.390e+04	-4680.11	-9.729e+04
7	41	1.563e+04	1384.49	0.03	-1135.27	0.0	-846.79	917.38	170.16	-2.922e+04	-1.549e+04	-2.099e+04
		-2.099e+04	-1.549e+04	-9.66e-03	0.0	100.0	-846.79	-217.89	170.16	-2.922e+04	1384.49	1.343e+04
7	70	2.335e+04	2.001e+04	9.62e-03	-1135.27	0.0	535.88	-545.64	-230.39	-3.278e+04	2.001e+04	2.335e+04
		-8.742e+04	-2884.80	7.00e-04	0.0	100.0	535.88	-1680.90	-230.39	-3.278e+04	-2884.80	-8.742e+04
7	71	2.348e+04	3179.80	0.03	-1135.27	0.0	-651.25	1060.70	235.33	-2.810e+04	-2.061e+04	-2.708e+04
		-2.708e+04	-2.061e+04	-7.18e-03	0.0	100.0	-651.25	-74.57	235.33	-2.810e+04	3179.80	2.330e+04
7	72	2.944e+04	2.514e+04	8.57e-03	-1135.27	0.0	340.35	-688.96	-295.57	-3.390e+04	2.514e+04	2.944e+04
		-9.729e+04	-4680.11	-1.78e-03	0.0	100.0	340.35	-1824.22	-295.57	-3.390e+04	-4680.11	-9.729e+04
7	73	1.563e+04	1384.49	0.03	-1135.27	0.0	-846.79	917.38	170.16	-2.922e+04	-1.549e+04	-2.099e+04
		-2.099e+04	-1.549e+04	-9.66e-03	0.0	100.0	-846.79	-217.89	170.16	-2.922e+04	1384.49	1.343e+04
7	74	2692.11	2261.71	0.02	-1135.27	0.0	-155.45	185.87	-30.12	-3.100e+04	2261.71	1181.20
		-3.700e+04	-750.15	-4.48e-03	0.0	100.0	-155.45	-949.40	-30.12	-3.100e+04	-750.15	-3.700e+04
7	75	2692.11	2261.71	0.02	-1135.27	0.0	-155.45	185.87	-30.12	-3.100e+04	2261.71	1181.20
		-3.700e+04	-750.15	-4.48e-03	0.0	100.0	-155.45	-949.40	-30.12	-3.100e+04	-750.15	-3.700e+04
7	76	2692.11	2261.71	0.02	-1135.27	0.0	-155.45	185.87	-30.12	-3.100e+04	2261.71	1181.20
		-3.700e+04	-750.15	-4.48e-03	0.0	100.0	-155.45	-949.40	-30.12	-3.100e+04	-750.15	-3.700e+04
11	2	8.073e+04	5.973e+04	-0.02	-105.34	0.0	-6265.46	-553.36	-611.10	-1.491e+04	5.973e+04	8.073e+04
		-2.960e+04	-5.152e+04	-9.23e-03	0.0	182.0	-6182.66	-658.70	-611.10	-1.491e+04	-5.152e+04	-2.960e+04
11	3	1.111e+05	1.052e+05	-0.02	-136.94	0.0	-1.053e+04	-889.17	-1071.42	-2.610e+04	1.052e+05	1.111e+05
		-6.327e+04	-8.981e+04	-0.02	0.0	182.0	-1.042e+04	-1026.11	-1071.42	-2.610e+04	-8.981e+04	-6.327e+04
11	5	1.185e+05	7.880e+04	-0.02	-136.94	0.0	-8206.40	-763.63	-801.99	-1.957e+04	7.880e+04	1.185e+05
		-3.294e+04	-6.720e+04	-0.01	0.0	182.0	-8098.76	-900.57	-801.99	-1.957e+04	-6.720e+04	-3.294e+04
11	7	8.400e+04	6.000e+04	-0.02	-105.34	0.0	-6280.20	-564.02	-612.83	-1.495e+04	6.000e+04	8.400e+04
		-2.827e+04	-5.157e+04	-9.77e-03	0.0	182.0	-6197.40	-669.36	-612.83	-1.495e+04	-5.157e+04	-2.827e+04
11	8	8.660e+04	7.829e+04	-0.02	-105.34	0.0	-7861.37	-672.40	-796.93	-1.941e+04	7.829e+04	8.660e+04
		-4.539e+04	-6.678e+04	-0.01	0.0	182.0	-7778.57	-777.74	-796.93	-1.941e+04	-6.678e+04	-4.539e+04
11	9	9.159e+04	6.067e+04	-0.02	-105.34	0.0	-6314.45	-588.71	-617.31	-1.506e+04	6.067e+04	9.159e+04
		-2.517e+04	-5.171e+04	-0.01	0.0	182.0	-6231.65	-694.05	-617.31	-1.506e+04	-5.171e+04	-2.517e+04
11	10	2.040e+05	4915.56	-0.09	-105.34	0.0	-5281.55	-314.55	-289.95	-1.486e+04	4915.56	2.040e+05
		1.306e+05	-4.127e+04	-0.04	0.0	182.0	-5198.75	-419.89	-289.95	-1.486e+04	-4.127e+04	1.306e+05
11	11	2.160e+05	5.279e+04	-0.09	-105.34	0.0	-5489.17	-374.25	-564.92	-1.718e+04	5.279e+04	2.160e+05
		1.102e+05	-5.109e+04	0.03	0.0	182.0	-5406.37	-479.59	-564.92	-1.718e+04	-5.109e+04	1.102e+05
11	13	-2.083e+04	1.164e+05	0.06	-105.34	0.0	-7347.35	-862.87	-944.66	-1.525e+04	1.164e+05	-2.083e+04
		-1.810e+05	-6.215e+04	0.02	0.0	182.0	-7264.55	-968.21	-944.66	-1.525e+04	-6.215e+04	-1.810e+05
11	29	7.607e+04	1.500e+05	8.48e-03	-105.34	0.0	-6939.21	-761.49	-1132.54	-1.862e+04	1.500e+05	7.607e+04
		-1.029e+05	-6.972e+04	0.10	0.0	182.0	-6856.41	-866.83	-1132.54	-1.862e+04	-6.972e+04	-1.029e+05
11	37	7.506e+04	1.573e+05	9.11e-03	-105.34	0.0	-6915.59	-735.21	-1160.53	-1.883e+04	1.573e+05	7.506e+04
		-4.099e+04	-6.386e+04	0.10	0.0	182.0	-6832.79	-840.55	-1160.53	-1.883e+04	-6.386e+04	-4.099e+04

11	42	2.040e+05	4915.56	-0.09	-105.34	0.0	-5281.55	-314.55	-289.95	-1.486e+04	4915.56	2.040e+05
		1.306e+05	-4.127e+04	-0.04	0.0	182.0	-5198.75	-419.89	-289.95	-1.486e+04	-4.127e+04	1.306e+05
11	43	2.160e+05	5.279e+04	-0.09	-105.34	0.0	-5489.17	-374.25	-564.92	-1.718e+04	5.279e+04	2.160e+05
		1.102e+05	-5.109e+04	0.03	0.0	182.0	-5406.37	-479.59	-564.92	-1.718e+04	-5.109e+04	1.102e+05
11	45	-2.083e+04	1.164e+05	0.06	-105.34	0.0	-7347.35	-862.87	-944.66	-1.525e+04	1.164e+05	-2.083e+04
		-1.810e+05	-6.215e+04	0.02	0.0	182.0	-7264.55	-968.21	-944.66	-1.525e+04	-6.215e+04	-1.810e+05
11	61	7.607e+04	1.500e+05	8.48e-03	-105.34	0.0	-6939.21	-761.49	-1132.54	-1.862e+04	1.500e+05	7.607e+04
		-1.029e+05	-6.972e+04	0.10	0.0	182.0	-6856.41	-866.83	-1132.54	-1.862e+04	-6.972e+04	-1.029e+05
11	69	7.506e+04	1.573e+05	9.11e-03	-105.34	0.0	-6915.59	-735.21	-1160.53	-1.883e+04	1.573e+05	7.506e+04
		-4.099e+04	-6.386e+04	0.10	0.0	182.0	-6832.79	-840.55	-1160.53	-1.883e+04	-6.386e+04	-4.099e+04
11	74	9.159e+04	6.067e+04	-0.02	-105.34	0.0	-6314.45	-588.71	-617.31	-1.506e+04	6.067e+04	9.159e+04
		-2.517e+04	-5.171e+04	-0.01	0.0	182.0	-6231.65	-694.05	-617.31	-1.506e+04	-5.171e+04	-2.517e+04
11	75	9.159e+04	6.067e+04	-0.02	-105.34	0.0	-6314.45	-588.71	-617.31	-1.506e+04	6.067e+04	9.159e+04
		-2.517e+04	-5.171e+04	-0.01	0.0	182.0	-6231.65	-694.05	-617.31	-1.506e+04	-5.171e+04	-2.517e+04
11	76	9.159e+04	6.067e+04	-0.02	-105.34	0.0	-6314.45	-588.71	-617.31	-1.506e+04	6.067e+04	9.159e+04
		-2.517e+04	-5.171e+04	-0.01	0.0	182.0	-6231.65	-694.05	-617.31	-1.506e+04	-5.171e+04	-2.517e+04
12	2	5.854e+04	-1.955e+04	2.90e-03	-105.34	0.0	-5127.94	64.98	60.93	678.82	-2.830e+04	5.854e+04
		5.566e+04	-2.830e+04	0.02	0.0	143.7	-5137.14	-40.36	60.93	678.82	-1.955e+04	5.566e+04
12	3	1.052e+05	-3.439e+04	6.83e-03	-136.94	0.0	-8589.53	65.97	114.93	1325.36	-5.091e+04	1.052e+05
		1.025e+05	-5.091e+04	0.03	0.0	143.7	-8601.49	-70.97	114.93	1325.36	-3.439e+04	1.025e+05
12	6	5.799e+04	-1.960e+04	3.13e-03	-105.34	0.0	-5192.33	68.83	63.74	730.21	-2.875e+04	5.799e+04
		5.476e+04	-2.875e+04	0.02	0.0	143.7	-5201.53	-36.51	63.74	730.21	-1.960e+04	5.476e+04
12	7	5.838e+04	-1.956e+04	2.96e-03	-105.34	0.0	-5146.41	66.10	61.70	693.77	-2.842e+04	5.838e+04
		5.540e+04	-2.842e+04	0.02	0.0	143.7	-5155.61	-39.24	61.70	693.77	-1.956e+04	5.540e+04
12	8	7.780e+04	-2.554e+04	4.98e-03	-105.34	0.0	-6420.26	53.25	85.21	982.10	-3.779e+04	7.780e+04
		7.586e+04	-3.779e+04	0.02	0.0	143.7	-6429.46	-52.09	85.21	982.10	-2.554e+04	7.586e+04
12	9	5.801e+04	-1.959e+04	3.11e-03	-105.34	0.0	-5189.33	68.66	63.57	728.03	-2.873e+04	5.801e+04
		5.481e+04	-2.873e+04	0.02	0.0	143.7	-5198.53	-36.68	63.57	728.03	-1.959e+04	5.481e+04
12	10	5.206e+04	1496.33	0.03	-105.34	0.0	-5263.03	-337.01	101.07	1528.01	-2.210e+04	5.206e+04
		-1.108e+04	-2.210e+04	0.03	0.0	143.7	-5272.23	-442.35	101.07	1528.01	1496.33	-1.108e+04
12	13	1.253e+05	-3.535e+04	-0.02	-105.34	0.0	-5115.63	474.33	26.07	-71.96	-3.535e+04	1.253e+05
		5.755e+04	-4.068e+04	0.01	0.0	143.7	-5124.83	368.99	26.07	-71.96	-4.068e+04	5.755e+04
12	35	6.072e+04	-4.222e+04	0.01	-105.34	0.0	-5461.56	-145.49	251.31	293.25	-7.745e+04	6.072e+04
		5.089e+04	-7.745e+04	-0.07	0.0	143.7	-5470.76	-250.83	251.31	293.25	-4.222e+04	5.089e+04
12	36	6.332e+04	2.000e+04	-7.76e-03	-105.34	0.0	-4917.11	282.81	-124.17	1162.80	2.000e+04	6.332e+04
		4.889e+04	3038.43	0.09	0.0	143.7	-4926.31	177.47	-124.17	1162.80	3038.43	4.889e+04
12	39	6.102e+04	-4.309e+04	0.01	-105.34	0.0	-5453.08	-108.86	250.58	259.13	-7.814e+04	6.102e+04
		5.608e+04	-7.814e+04	-0.07	0.0	143.7	-5462.28	-214.20	250.58	259.13	-4.309e+04	5.608e+04
12	40	5.813e+04	2.069e+04	-6.32e-03	-105.34	0.0	-4925.59	246.18	-123.43	1196.92	2.069e+04	5.813e+04
		4.887e+04	3903.41	0.10	0.0	143.7	-4934.79	140.84	-123.43	1196.92	3903.41	4.887e+04
12	42	5.206e+04	1496.33	0.03	-105.34	0.0	-5263.03	-337.01	101.07	1528.01	-2.210e+04	5.206e+04
		-1.108e+04	-2.210e+04	0.03	0.0	143.7	-5272.23	-442.35	101.07	1528.01	1496.33	-1.108e+04
12	45	1.253e+05	-3.535e+04	-0.02	-105.34	0.0	-5115.63	474.33	26.07	-71.96	-3.535e+04	1.253e+05
		5.755e+04	-4.068e+04	0.01	0.0	143.7	-5124.83	368.99	26.07	-71.96	-4.068e+04	5.755e+04
12	67	6.072e+04	-4.222e+04	0.01	-105.34	0.0	-5461.56	-145.49	251.31	293.25	-7.745e+04	6.072e+04
		5.089e+04	-7.745e+04	-0.07	0.0	143.7	-5470.76	-250.83	251.31	293.25	-4.222e+04	5.089e+04
12	68	6.332e+04	2.000e+04	-7.76e-03	-105.34	0.0	-4917.11	282.81	-124.17	1162.80	2.000e+04	6.332e+04
		4.889e+04	3038.43	0.09	0.0	143.7	-4926.31	177.47	-124.17	1162.80	3038.43	4.889e+04
12	71	6.102e+04	-4.309e+04	0.01	-105.34	0.0	-5453.08	-108.86	250.58	259.13	-7.814e+04	6.102e+04
		5.608e+04	-7.814e+04	-0.07	0.0	143.7	-5462.28	-214.20	250.58	259.13	-4.309e+04	5.608e+04
12	72	5.813e+04	2.069e+04	-6.32e-03	-105.34	0.0	-4925.59	246.18	-123.43	1196.92	2.069e+04	5.813e+04
		4.887e+04	3903.41	0.10	0.0	143.7	-4934.79	140.84	-123.43	1196.92	3903.41	4.887e+04
12	74	5.801e+04	-1.959e+04	3.11e-03	-105.34	0.0	-5189.33	68.66	63.57	728.03	-2.873e+04	5.801e+04
		5.481e+04	-2.873e+04	0.02	0.0	143.7	-5198.53	-36.68	63.57	728.03	-1.959e+04	5.481e+04
12	75	5.801e+04	-1.959e+04	3.11e-03	-105.34	0.0	-5189.33	68.66	63.57	728.03	-2.873e+04	5.801e+04
		5.481e+04	-2.873e+04	0.02	0.0	143.7	-5198.53	-36.68	63.57	728.03	-1.959e+04	5.481e+04
12	76	5.801e+04	-1.959e+04	3.11e-03	-105.34	0.0	-5189.33	68.66	63.57	728.03	-2.873e+04	5.801e+04
		5.481e+04	-2.873e+04	0.02	0.0	143.7	-5198.53	-36.68	63.57	728.03	-1.959e+04	5.481e+04
14	1	4.169e+04	1768.17	-0.13	-2750.19	0.0	-756.36	1332.35	4.92	-129.08	-223.53	-8.888e+04
		-1.062e+05	-223.53	-0.01	0.0	405.0	-756.36	-1417.84	4.92	-129.08	1768.17	-1.062e+05
14	2	3.209e+04	1384.76	-0.10	-2115.53	0.0	-581.79	1024.81	3.92	-97.36	-203.07	-6.833e+04
		-8.168e+04	-203.07	-8.46e-03	0.0	405.0	-581.79	-1090.72	3.92	-97.36	1384.76	-8.168e+04
14	3	5.496e+04	1483.82	-0.17	-3619.67	0.0	-1055.79	1752.13	2.44	-186.48	494.81	-1.166e+05
		-1.400e+05	494.81	0.02	0.0	405.0	-1055.79	-1867.54	2.44	-186.48	1483.82	-1.400e+05
14	7	3.206e+04	1320.04	-0.10	-2115.53	0.0	-583.83	1024.85	3.58	-100.91	-129.71	-6.837e+04
		-8.170e+04	-129.71	-7.62e-03	0.0	405.0	-583.83	-1090.68	3.58	-100.91	1320.04	-8.170e+04
14	8	4.091e+04	1130.48	-0.13	-2695.19	0.0	-783.45	1304.71	1.93	-139.17	349.19	-8.685e+04
		-1.042e+05	349.19	0.01	0.0	405.0	-783.45	-1390.47	1.93	-139.17	1130.48	-1.042e+05
14	23	3.177e+04	1.312e+04	-0.10	-2115.53	0.0	-400.95	1054.03	61.61	-155.27	-1.183e+04	-7.462e+04
		-7.604e+04	-1.183e+04	-0.10	0.0	405.0	-400.95	-1061.50	61.61	-155.27	1.312e+04	-7.604e+04
14	24	3.226e+04	1.194e+04	-0.11	-2115.53	0.0	-780.01	995.71	-56.18	-62.68	-1.082e+04	-8.746e+04
		-8.746e+04	-1.082e+04	0.10	0.0	405.0	-780.01	-1119.82	-56.18	-62.68	1.194e+04	-8.746e+04
14	36	3.273e+04	2.397e+04	-0.12	-2115.53	0.0	-721.80	961.61	-115.39	-107.51	2.397e+04	-5.563e+04
		-9.463e+04	-2.277e+04	0.07	0.0	405.0	-721.80	-1153.92	-115.39	-107.51	-2.277e+04	-9.463e+04
14	39	3.209e+04	2.521e+04	-0.10	-2115.53	0.0	-456.53	1088.21	121.55	-110.67	-2.402e+04	-8.119e+04
		-8.119e+04	-2.402e+04	-0.08	0.0	405.0	-456.53	-1027.32	121.55	-110.67	2.521e+04	-8.119e+04
14	40	3.270e+04	2.413e+04	-0.11	-2115.53	0.0	-724.44	961.53	-116.12	-107.28	2.413e+04	-5.566e+04

		-9.467e+04	-2.290e+04	0.08	0.0	405.0	-724.44	-1154.00	-116.12	-107.28	-2.290e+04	-9.467e+04
14	55	3.177e+04	1.312e+04	-0.10	-2115.53	0.0	-400.95	1054.03	61.61	-155.27	-1.183e+04	-7.462e+04
		-7.604e+04	-1.183e+04	-0.10	0.0	405.0	-400.95	-1061.50	61.61	-155.27	1.312e+04	-7.604e+04
14	56	3.226e+04	1.194e+04	-0.11	-2115.53	0.0	-780.01	995.71	-56.18	-62.68	1.194e+04	-6.223e+04
		-8.746e+04	-1.082e+04	0.10	0.0	405.0	-780.01	-1119.82	-56.18	-62.68	-1.082e+04	-8.746e+04
14	68	3.273e+04	2.397e+04	-0.12	-2115.53	0.0	-721.80	961.61	-115.39	-107.51	2.397e+04	-5.563e+04
		-9.463e+04	-2.277e+04	0.07	0.0	405.0	-721.80	-1153.92	-115.39	-107.51	-2.277e+04	-9.463e+04
14	71	3.209e+04	2.521e+04	-0.10	-2115.53	0.0	-456.53	1088.21	121.55	-110.67	-2.402e+04	-8.119e+04
		-8.119e+04	-2.402e+04	-0.08	0.0	405.0	-456.53	-1027.32	121.55	-110.67	2.521e+04	-8.883e+04
14	72	3.270e+04	2.413e+04	-0.11	-2115.53	0.0	-724.44	961.53	-116.12	-107.28	2.413e+04	-5.566e+04
		-9.467e+04	-2.290e+04	0.08	0.0	405.0	-724.44	-1154.00	-116.12	-107.28	-2.290e+04	-9.467e+04
14	74	3.201e+04	1153.12	-0.11	-2115.53	0.0	-590.48	1024.87	2.72	-108.97	53.53	-6.843e+04
		-8.175e+04	53.53	8.59e-03	0.0	405.0	-590.48	-1090.66	2.72	-108.97	1153.12	-8.175e+04
14	75	3.201e+04	1153.12	-0.11	-2115.53	0.0	-590.48	1024.87	2.72	-108.97	53.53	-6.843e+04
		-8.175e+04	53.53	8.59e-03	0.0	405.0	-590.48	-1090.66	2.72	-108.97	1153.12	-8.175e+04
14	76	3.201e+04	1153.12	-0.11	-2115.53	0.0	-590.48	1024.87	2.72	-108.97	53.53	-6.843e+04
		-8.175e+04	53.53	8.59e-03	0.0	405.0	-590.48	-1090.66	2.72	-108.97	1153.12	-8.175e+04
16	1	2.178e+04	1200.81	-0.01	-1184.55	0.0	-35.08	807.21	-1.26	3587.42	1200.81	-6.175e+04
		-6.175e+04	818.12	-0.02	0.0	303.7	-35.08	-377.34	-1.26	3587.42	818.12	3527.43
16	2	1.630e+04	958.13	-9.77e-03	-911.19	0.0	-26.07	618.52	-1.09	2792.30	958.13	-4.745e+04
		-4.745e+04	627.56	-0.01	0.0	303.7	-26.07	-292.67	-1.09	2792.30	627.56	2038.72
16	3	2.933e+04	1111.06	-0.02	-1184.55	0.0	-46.64	883.40	1.24	3262.90	733.39	-7.072e+04
		-7.072e+04	733.39	-0.03	0.0	303.7	-46.64	-301.16	1.24	3262.90	1111.06	1.770e+04
16	4	2.400e+04	920.51	-0.01	-911.19	0.0	-37.63	694.71	1.42	2467.78	490.70	-5.641e+04
		-5.641e+04	490.70	-0.02	0.0	303.7	-37.63	-216.49	1.42	2467.78	920.51	1.621e+04
16	7	1.739e+04	886.89	-0.01	-911.19	0.0	-28.23	624.92	-0.85	2723.74	886.89	-4.769e+04
		-4.769e+04	627.61	-0.01	0.0	303.7	-28.23	-286.27	-0.85	2723.74	627.61	3735.29
16	8	2.242e+04	822.91	-0.01	-911.19	0.0	-35.94	675.71	0.82	2507.39	575.27	-5.367e+04
		-5.367e+04	575.27	-0.02	0.0	303.7	-35.94	-235.48	0.82	2507.39	822.91	1.319e+04
16	20	6.707e+04	4191.48	-4.46e-03	-911.19	0.0	47.82	1042.22	22.57	3299.41	-2306.73	-1.111e+05
		-1.111e+05	-2306.73	-9.02e-04	0.0	303.7	47.82	131.02	22.57	3299.41	4191.48	6.707e+04
16	22	2.150e+04	5279.72	-0.02	-911.19	0.0	-75.62	275.69	-21.28	999.57	5279.72	8846.93
		-4.580e+04	-883.83	-0.03	0.0	303.7	-75.62	-635.51	-21.28	999.57	-883.83	-4.580e+04
16	25	6.191e+04	2132.82	-4.80e-03	-911.19	0.0	8.31	1007.26	20.67	4119.00	-3846.22	-1.056e+05
		-1.056e+05	-3846.22	2.71e-03	0.0	303.7	8.31	96.07	20.67	4119.00	2132.82	6.191e+04
16	31	2.101e+04	-582.17	-0.02	-911.19	0.0	-118.15	283.56	-20.01	3489.71	-582.17	7614.14
		-4.464e+04	-3743.21	-0.01	0.0	303.7	-118.15	-627.64	-20.01	3489.71	-3743.21	-4.464e+04
16	32	6.075e+04	4992.20	-8.59e-03	-911.19	0.0	50.84	999.39	19.40	1628.86	2015.67	-1.044e+05
		-1.044e+05	2015.67	-0.02	0.0	303.7	50.84	88.20	19.40	1628.86	4992.20	6.075e+04
16	52	6.707e+04	4191.48	-4.46e-03	-911.19	0.0	47.82	1042.22	22.57	3299.41	-2306.73	-1.111e+05
		-1.111e+05	-2306.73	-9.02e-04	0.0	303.7	47.82	131.02	22.57	3299.41	4191.48	6.707e+04
16	54	2.150e+04	5279.72	-0.02	-911.19	0.0	-75.62	275.69	-21.28	999.57	5279.72	8846.93
		-4.580e+04	-883.83	-0.03	0.0	303.7	-75.62	-635.51	-21.28	999.57	-883.83	-4.580e+04
16	57	6.191e+04	2132.82	-4.80e-03	-911.19	0.0	8.31	1007.26	20.67	4119.00	-3846.22	-1.056e+05
		-1.056e+05	-3846.22	2.71e-03	0.0	303.7	8.31	96.07	20.67	4119.00	2132.82	6.191e+04
16	63	2.101e+04	-582.17	-0.02	-911.19	0.0	-118.15	283.56	-20.01	3489.71	-582.17	7614.14
		-4.464e+04	-3743.21	-0.01	0.0	303.7	-118.15	-627.64	-20.01	3489.71	-3743.21	-4.464e+04
16	64	6.075e+04	4992.20	-8.59e-03	-911.19	0.0	50.84	999.39	19.40	1628.86	2015.67	-1.044e+05
		-1.044e+05	2015.67	-0.02	0.0	303.7	50.84	88.20	19.40	1628.86	4992.20	6.075e+04
16	74	2.014e+04	716.75	-0.01	-911.19	0.0	-33.65	641.48	-0.30	2559.28	716.75	-4.840e+04
		-4.840e+04	624.49	-0.01	0.0	303.7	-33.65	-269.72	-0.30	2559.28	624.49	8056.75
16	75	2.014e+04	716.75	-0.01	-911.19	0.0	-33.65	641.48	-0.30	2559.28	716.75	-4.840e+04
		-4.840e+04	624.49	-0.01	0.0	303.7	-33.65	-269.72	-0.30	2559.28	624.49	8056.75
16	76	2.014e+04	716.75	-0.01	-911.19	0.0	-33.65	641.48	-0.30	2559.28	716.75	-4.840e+04
		-4.840e+04	624.49	-0.01	0.0	303.7	-33.65	-269.72	-0.30	2559.28	624.49	8056.75
19	1	1.830e+05	8561.55	-0.03	-8579.72	0.0	-1424.96	3824.50	53.30	-1.422e+04	-7627.80	-7.582e+04
		-2.172e+05	-7627.80	-0.02	0.0	303.7	-1424.96	-4755.22	53.30	-1.422e+04	8561.55	-2.172e+05
19	2	1.440e+05	6488.26	-0.03	-6789.97	0.0	-1090.67	3013.47	40.66	-1.124e+04	-5862.17	-5.904e+04
		-1.749e+05	-5862.17	-0.01	0.0	303.7	-1090.67	-3776.50	40.66	-1.124e+04	6488.26	-1.749e+05
19	3	1.539e+05	1.168e+04	-0.03	-6893.99	0.0	-1739.81	3229.87	67.26	-1.384e+04	-8751.49	-7.493e+04
		-1.409e+05	-8751.49	-0.03	0.0	303.7	-1739.81	-3664.12	67.26	-1.384e+04	1.168e+04	-1.409e+05
19	7	1.363e+05	6697.86	-0.03	-6340.44	0.0	-1098.40	2845.35	41.40	-1.056e+04	-5877.05	-5.749e+04
		-1.562e+05	-5877.05	-0.01	0.0	303.7	-1098.40	-3495.09	41.40	-1.056e+04	6697.86	-1.562e+05
19	8	1.170e+05	8774.34	-0.03	-5216.62	0.0	-1308.30	2448.93	50.70	-1.031e+04	-6626.18	-5.689e+04
		-1.053e+05	-6626.18	-0.02	0.0	303.7	-1308.30	-2767.70	50.70	-1.031e+04	8774.34	-1.053e+05
19	19	1.228e+05	3.035e+04	-0.04	-5216.62	0.0	-2980.18	2073.05	149.80	-1697.06	-1.706e+04	-1476.87
		-1.652e+05	-1.706e+04	-0.03	0.0	303.7	-2980.18	-3143.57	149.80	-1697.06	3.035e+04	-1.652e+05
19	31	1.174e+05	3.987e+04	-0.03	-5216.62	0.0	-3673.21	2126.63	182.57	-1.868e+04	-1.656e+04	-1.251e+04
		-1.612e+05	-1.656e+04	-0.01	0.0	303.7	-3673.21	-3089.99	182.57	-1.868e+04	3.987e+04	-1.612e+05
19	32	1.221e+05	4727.88	-0.02	-5216.62	0.0	1445.85	2724.98	-96.17	866.48	4727.88	-9.489e+04
		-9.489e+04	-2.546e+04	-0.02	0.0	303.7	1445.85	-2491.64	-96.17	866.48	-2.546e+04	-5.707e+04
19	34	1.246e+05	492.14	-0.03	-5216.62	0.0	785.17	2482.27	-71.50	6472.16	492.14	-5.628e+04
		-9.054e+04	-2.105e+04	-0.02	0.0	303.7	785.17	-2734.35	-71.50	6472.16	-2.105e+04	-9.054e+04
19	39	1.137e+05	4.317e+04	-0.03	-5216.62	0.0	-3664.17	2200.32	194.17	-1.808e+04	-1.656e+04	-2.516e+04
		-1.534e+05	-1.656e+04	-0.02	0.0	303.7	-3664.17	-3016.31	194.17	-1.808e+04	4.317e+04	-1.534e+05
19	40	1.245e+05	4727.74	-0.02	-5216.62	0.0	1436.81	2651.29	-107.77	272.50	4727.74	-8.224e+04
		-8.224e+04	-2.876e+04	-0.01	0.0	303.7	1436.81	-2565.33	-107.77	272.50	-2.876e+04	-6.491e+04

19	51	1.228e+05	3.035e+04	-0.04	-5216.62	0.0	-2980.18	2073.05	149.80	-1697.06	-1.706e+04	-1476.87
		-1.652e+05	-1.706e+04	-0.03	0.0	303.7	-2980.18	-3143.57	149.80	-1697.06	3.035e+04	-1.652e+05
19	63	1.174e+05	3.987e+04	-0.03	-5216.62	0.0	-3673.21	2126.63	182.57	-1.868e+04	-1.656e+04	-1.251e+04
		-1.612e+05	-1.656e+04	-0.01	0.0	303.7	-3673.21	-3089.99	182.57	-1.868e+04	3.987e+04	-1.612e+05
19	64	1.221e+05	4727.88	-0.02	-5216.62	0.0	1445.85	2724.98	-96.17	866.48	4727.88	-9.489e+04
		-9.489e+04	-2.546e+04	-0.02	0.0	303.7	1445.85	-2491.64	-96.17	866.48	-2.546e+04	-5.707e+04
19	66	1.246e+05	492.14	-0.03	-5216.62	0.0	785.17	2482.27	-71.50	6472.16	492.14	-5.628e+04
		-9.054e+04	-2.105e+04	-0.02	0.0	303.7	785.17	-2734.35	-71.50	6472.16	-2.105e+04	-9.054e+04
19	71	1.137e+05	4.317e+04	-0.03	-5216.62	0.0	-3664.17	2200.32	194.17	-1.808e+04	-1.656e+04	-2.516e+04
		-1.534e+05	-1.656e+04	-0.02	0.0	303.7	-3664.17	-3016.31	194.17	-1.808e+04	4.317e+04	-1.534e+05
19	72	1.245e+05	4727.74	-0.02	-5216.62	0.0	1436.81	2651.29	-107.77	272.50	4727.74	-8.224e+04
		-8.224e+04	-2.876e+04	-0.01	0.0	303.7	1436.81	-2565.33	-107.77	272.50	-2.876e+04	-6.491e+04
19	74	1.170e+05	7205.40	-0.03	-5216.62	0.0	-1113.68	2425.81	43.20	-8905.69	-5915.96	-5.370e+04
		-1.091e+05	-5915.96	-0.01	0.0	303.7	-1113.68	-2790.82	43.20	-8905.69	7205.40	-1.091e+05
19	75	1.170e+05	7205.40	-0.03	-5216.62	0.0	-1113.68	2425.81	43.20	-8905.69	-5915.96	-5.370e+04
		-1.091e+05	-5915.96	-0.01	0.0	303.7	-1113.68	-2790.82	43.20	-8905.69	7205.40	-1.091e+05
19	76	1.170e+05	7205.40	-0.03	-5216.62	0.0	-1113.68	2425.81	43.20	-8905.69	-5915.96	-5.370e+04
		-1.091e+05	-5915.96	-0.01	0.0	303.7	-1113.68	-2790.82	43.20	-8905.69	7205.40	-1.091e+05
24	1	4.117e+05	8999.46	0.11	-1.346e+04	0.0	4026.48	6627.77	78.00	529.30	-3.683e+04	-5.465e+05
		-6.074e+05	-3.683e+04	0.02	0.0	587.5	4026.48	-6835.27	78.00	529.30	8999.46	-6.074e+05
24	2	3.293e+05	6960.40	0.09	-1.068e+04	0.0	2988.59	5259.90	60.26	484.67	-2.844e+04	-4.312e+05
		-4.794e+05	-2.844e+04	0.01	0.0	587.5	2988.59	-5424.15	60.26	484.67	6960.40	-4.794e+05
24	3	2.835e+05	1.189e+04	0.13	-1.056e+04	0.0	6304.39	5162.79	97.82	597.20	-4.558e+04	-4.578e+05
		-5.257e+05	-4.558e+04	0.02	0.0	587.5	6304.39	-5394.11	97.82	597.20	1.189e+04	-5.257e+05
24	7	2.993e+05	6864.13	0.09	-9909.08	0.0	3231.81	4877.95	59.45	336.52	-2.806e+04	-4.059e+05
		-4.509e+05	-2.806e+04	0.01	0.0	587.5	3231.81	-5031.13	59.45	336.52	6864.13	-4.509e+05
24	8	2.138e+05	8791.92	0.10	-7971.66	0.0	4750.41	3901.30	72.66	381.79	-3.390e+04	-3.468e+05
		-3.965e+05	-3.390e+04	0.01	0.0	587.5	4750.41	-4070.36	72.66	381.79	8791.92	-3.965e+05
24	19	2.443e+05	2581.87	0.06	-7971.66	0.0	2735.17	3867.05	12.10	461.16	-4.692.33	-2.993e+05
		-3.828e+05	-4.692.33	0.12	0.0	587.5	2735.17	-4104.61	12.10	461.16	2581.87	-3.828e+05
24	20	2.034e+05	1.065e+04	0.10	-7971.66	0.0	4922.97	3979.21	102.44	-473.75	-4.936e+04	-3.869e+05
		-3.869e+05	-4.936e+04	-0.11	0.0	587.5	4922.97	-3992.45	102.44	-473.75	1.065e+04	-3.771e+05
24	25	2.144e+05	1.487e+04	0.09	-7971.66	0.0	4479.24	4010.61	130.97	-5945.06	-6.232e+04	-3.790e+05
		-3.790e+05	-6.232e+04	-0.12	0.0	587.5	4479.24	-3961.05	130.97	-5945.06	1.487e+04	-3.790e+05
24	26	2.085e+05	3578.24	0.10	-7971.66	0.0	4868.44	3840.53	32.14	1.371e+04	-1.451e+04	-3.460e+05
		-4.078e+05	-1.451e+04	9.49e-03	0.0	587.5	4868.44	-4131.14	32.14	1.371e+04	3578.24	-4.078e+05
24	31	2.478e+05	9373.24	0.05	-7971.66	0.0	2768.94	3958.95	79.24	-1.088e+04	-3.798e+04	-3.164e+05
		-3.588e+05	-3.798e+04	0.03	0.0	587.5	2768.94	-4012.72	79.24	-1.088e+04	9373.24	-3.588e+05
24	41	2.365e+05	1.792e+04	0.06	-7971.66	0.0	3410.08	3991.99	130.41	-7368.14	-5.928e+04	-3.435e+05
		-3.543e+05	-5.928e+04	-0.05	0.0	587.5	3410.08	-3979.67	130.41	-7368.14	1.792e+04	-3.543e+05
24	51	2.443e+05	2581.87	0.06	-7971.66	0.0	2735.17	3867.05	12.10	461.16	-4.692.33	-2.993e+05
		-3.828e+05	-4.692.33	0.12	0.0	587.5	2735.17	-4104.61	12.10	461.16	2581.87	-3.828e+05
24	52	2.034e+05	1.065e+04	0.10	-7971.66	0.0	4922.97	3979.21	102.44	-473.75	-4.936e+04	-3.869e+05
		-3.869e+05	-4.936e+04	-0.11	0.0	587.5	4922.97	-3992.45	102.44	-473.75	1.065e+04	-3.771e+05
24	57	2.144e+05	1.487e+04	0.09	-7971.66	0.0	4479.24	4010.61	130.97	-5945.06	-6.232e+04	-3.790e+05
		-3.790e+05	-6.232e+04	-0.12	0.0	587.5	4479.24	-3961.05	130.97	-5945.06	1.487e+04	-3.790e+05
24	58	2.085e+05	3578.24	0.10	-7971.66	0.0	4868.44	3840.53	32.14	1.371e+04	-1.451e+04	-3.460e+05
		-4.078e+05	-1.451e+04	9.49e-03	0.0	587.5	4868.44	-4131.14	32.14	1.371e+04	3578.24	-4.078e+05
24	63	2.478e+05	9373.24	0.05	-7971.66	0.0	2768.94	3958.95	79.24	-1.088e+04	-3.798e+04	-3.164e+05
		-3.588e+05	-3.798e+04	0.03	0.0	587.5	2768.94	-4012.72	79.24	-1.088e+04	9373.24	-3.588e+05
24	73	2.365e+05	1.792e+04	0.06	-7971.66	0.0	3410.08	3991.99	130.41	-7368.14	-5.928e+04	-3.435e+05
		-3.543e+05	-5.928e+04	-0.05	0.0	587.5	3410.08	-3979.67	130.41	-7368.14	1.792e+04	-3.543e+05
24	74	2.239e+05	6617.88	0.08	-7971.66	0.0	3829.07	3923.13	57.27	-6.30	-2.703e+04	-3.431e+05
		-3.799e+05	-2.703e+04	0.01	0.0	587.5	3829.07	-4048.53	57.27	-6.30	6617.88	-3.799e+05
24	75	2.239e+05	6617.88	0.08	-7971.66	0.0	3829.07	3923.13	57.27	-6.30	-2.703e+04	-3.431e+05
		-3.799e+05	-2.703e+04	0.01	0.0	587.5	3829.07	-4048.53	57.27	-6.30	6617.88	-3.799e+05
24	76	2.239e+05	6617.88	0.08	-7971.66	0.0	3829.07	3923.13	57.27	-6.30	-2.703e+04	-3.431e+05
		-3.799e+05	-2.703e+04	0.01	0.0	587.5	3829.07	-4048.53	57.27	-6.30	6617.88	-3.799e+05
25	1	0.0	0.0	-0.01	-643.06	0.0	-220.85	643.06	399.42	0.0	-6.586e+04	-5.302e+04
		-5.302e+04	-6.586e+04	6.80e-03	0.0	164.9	-220.85	1.40e-05	399.42	0.0	0.0	0.0
25	2	0.0	0.0	-7.90e-03	-494.66	0.0	-165.59	494.66	308.96	0.0	-5.094e+04	-4.078e+04
		-4.078e+04	-5.094e+04	5.30e-03	0.0	164.9	-165.59	1.07e-05	308.96	0.0	0.0	0.0
25	3	0.0	0.0	-6.92e-03	-643.06	0.0	-320.48	643.06	485.12	0.0	-7.999e+04	-5.302e+04
		-5.302e+04	-7.999e+04	6.85e-03	0.0	164.9	-320.48	1.40e-05	485.12	0.0	0.0	0.0
25	5	0.0	0.0	-0.01	-643.06	0.0	-254.88	643.06	377.41	0.0	-6.223e+04	-5.302e+04
		-5.302e+04	-6.223e+04	5.99e-03	0.0	164.9	-254.88	1.40e-05	377.41	0.0	0.0	0.0
25	7	0.0	0.0	-8.25e-03	-494.66	0.0	-174.92	494.66	303.53	0.0	-5.005e+04	-4.078e+04
		-4.078e+04	-5.005e+04	5.10e-03	0.0	164.9	-174.92	1.07e-05	303.53	0.0	0.0	0.0
25	8	0.0	0.0	-5.83e-03	-494.66	0.0	-241.34	494.66	360.66	0.0	-5.947e+04	-4.078e+04
		-4.078e+04	-5.947e+04	5.14e-03	0.0	164.9	-241.34	1.07e-05	360.66	0.0	0.0	0.0
25	9	0.0	0.0	-9.01e-03	-494.66	0.0	-197.60	494.66	288.85	0.0	-4.763e+04	-4.078e+04
		-4.078e+04	-4.763e+04	4.56e-03	0.0	164.9	-197.60	1.07e-05	288.85	0.0	0.0	0.0
25	22	0.0	1.953e+04	-0.02	-494.66	0.0	-52.05	505.87	-118.46	0.0	1.953e+04	-4.263e+04
		-4.263e+04	0.0	4.85e-03	0.0	164.9	-52.05	11.21	-118.46	0.0	0.0	0.0
25	25	0.0	0.0	-1.67e-03	-494.66	0.0	-343.15	483.45	696.16	0.0	-1.148e+05	-3.893e+04
		-3.893e+04	-1.148e+05	8.01e-03	0.0	164.9	-343.15	-11.21	696.16	0.0	0.0	0.0
25	31	0.0	0.0	0.05	-494.66	0.0	-291.12	512.49	417.03	0.0	-6.876e+04	-4.372e+04

		-4.372e+04	-6.876e+04	0.01	0.0	164.9	-291.12	17.83	417.03	0.0	0.0	0.0
25	32	24.41	0.0	-0.07	-494.66	0.0	-104.08	476.83	160.68	0.0	-2.649e+04	-3.784e+04
		-3.784e+04	-2.649e+04	-8.19e-03	0.0	164.9	-104.08	-17.83	160.68	0.0	0.0	0.0
25	38	0.0	1.208e+04	-0.07	-494.66	0.0	-25.32	512.04	-73.29	0.0	1.208e+04	-4.365e+04
		-4.365e+04	0.0	2.50e-03	0.0	164.9	-25.32	17.38	-73.29	0.0	0.0	0.0
25	41	19.77	0.0	0.05	-494.66	0.0	-369.89	477.28	651.00	0.0	-1.073e+05	-3.792e+04
		-3.792e+04	-1.073e+05	8.60e-03	0.0	164.9	-369.89	-17.38	651.00	0.0	0.0	0.0
25	54	0.0	1.953e+04	-0.02	-494.66	0.0	-52.05	505.87	-118.46	0.0	1.953e+04	-4.263e+04
		-4.263e+04	0.0	4.85e-03	0.0	164.9	-52.05	11.21	-118.46	0.0	0.0	0.0
25	57	0.0	0.0	-1.67e-03	-494.66	0.0	-343.15	483.45	696.16	0.0	-1.148e+05	-3.893e+04
		-3.893e+04	-1.148e+05	8.01e-03	0.0	164.9	-343.15	-11.21	696.16	0.0	0.0	0.0
25	63	0.0	0.0	0.05	-494.66	0.0	-291.12	512.49	417.03	0.0	-6.876e+04	-4.372e+04
		-4.372e+04	-6.876e+04	0.01	0.0	164.9	-291.12	17.83	417.03	0.0	0.0	0.0
25	64	24.41	0.0	-0.07	-494.66	0.0	-104.08	476.83	160.68	0.0	-2.649e+04	-3.784e+04
		-3.784e+04	-2.649e+04	-8.19e-03	0.0	164.9	-104.08	-17.83	160.68	0.0	0.0	0.0
25	70	0.0	1.208e+04	-0.07	-494.66	0.0	-25.32	512.04	-73.29	0.0	1.208e+04	-4.365e+04
		-4.365e+04	0.0	2.50e-03	0.0	164.9	-25.32	17.38	-73.29	0.0	0.0	0.0
25	73	19.77	0.0	0.05	-494.66	0.0	-369.89	477.28	651.00	0.0	-1.073e+05	-3.792e+04
		-3.792e+04	-1.073e+05	8.60e-03	0.0	164.9	-369.89	-17.38	651.00	0.0	0.0	0.0
25	74	0.0	0.0	-9.01e-03	-494.66	0.0	-197.60	494.66	288.85	0.0	-4.763e+04	-4.078e+04
		-4.078e+04	-4.763e+04	4.56e-03	0.0	164.9	-197.60	1.07e-05	288.85	0.0	0.0	0.0
25	75	0.0	0.0	-9.01e-03	-494.66	0.0	-197.60	494.66	288.85	0.0	-4.763e+04	-4.078e+04
		-4.078e+04	-4.763e+04	4.56e-03	0.0	164.9	-197.60	1.07e-05	288.85	0.0	0.0	0.0
25	76	0.0	0.0	-9.01e-03	-494.66	0.0	-197.60	494.66	288.85	0.0	-4.763e+04	-4.078e+04
		-4.078e+04	-4.763e+04	4.56e-03	0.0	164.9	-197.60	1.07e-05	288.85	0.0	0.0	0.0
26	1	2.930e+04	1.283e+04	0.03	-1443.03	0.0	736.96	803.08	-44.10	5934.21	1.283e+04	-5.337e+04
		-5.337e+04	-3489.75	-0.02	0.0	370.0	736.96	-639.95	-44.10	5934.21	-3489.75	-2.319e+04
26	2	2.247e+04	9996.36	0.02	-1110.02	0.0	556.95	615.25	-34.61	4480.22	9996.36	-4.061e+04
		-4.061e+04	-2811.29	-0.02	0.0	370.0	556.95	-494.77	-34.61	4480.22	-2811.29	-1.832e+04
26	3	2.878e+04	1.552e+04	0.02	-1443.03	0.0	1135.51	845.64	-51.04	7785.40	1.552e+04	-6.276e+04
		-6.276e+04	-3369.67	-0.04	0.0	370.0	1135.51	-597.39	-51.04	7785.40	-3369.67	-1.683e+04
26	7	2.250e+04	9737.59	0.02	-1110.02	0.0	580.10	622.93	-33.20	4725.68	9737.59	-4.217e+04
		-4.217e+04	-2547.51	-0.02	0.0	370.0	580.10	-487.09	-33.20	4725.68	-2547.51	-1.704e+04
26	8	2.215e+04	1.153e+04	0.02	-1110.02	0.0	845.79	651.30	-37.83	5959.80	1.153e+04	-4.843e+04
		-4.843e+04	-2467.46	-0.03	0.0	370.0	845.79	-458.72	-37.83	5959.80	-2467.46	-1.280e+04
26	38	6.168e+04	1.582e+04	-0.01	-1110.02	0.0	2398.00	184.49	-84.62	4711.16	1.582e+04	5.612e+04
		-8.108e+04	-1.606e+04	0.04	0.0	370.0	2398.00	-925.53	-84.62	4711.16	-1.606e+04	-8.108e+04
26	39	6.633e+04	9238.89	0.03	-1110.02	0.0	-673.23	1198.17	14.04	-742.86	4328.29	-1.719e+05
		-1.719e+05	4328.29	-0.07	0.0	370.0	-673.23	88.15	14.04	-742.86	9238.89	6.633e+04
26	40	8.015e+04	1.393e+04	-0.02	-1110.02	0.0	1948.59	88.88	-73.74	1.149e+04	1.393e+04	7.891e+04
		-9.377e+04	-1.307e+04	0.03	0.0	370.0	1948.59	-1021.14	-73.74	1.149e+04	-1.307e+04	-9.377e+04
26	41	5.364e+04	1.223e+04	0.03	-1110.02	0.0	-1122.64	1102.57	24.93	6039.12	2429.03	-1.491e+05
		-1.491e+05	2429.03	-0.08	0.0	370.0	-1122.64	-7.45	24.93	6039.12	1.223e+04	5.364e+04
26	70	6.168e+04	1.582e+04	-0.01	-1110.02	0.0	2398.00	184.49	-84.62	4711.16	1.582e+04	5.612e+04
		-8.108e+04	-1.606e+04	0.04	0.0	370.0	2398.00	-925.53	-84.62	4711.16	-1.606e+04	-8.108e+04
26	71	6.633e+04	9238.89	0.03	-1110.02	0.0	-673.23	1198.17	14.04	-742.86	4328.29	-1.719e+05
		-1.719e+05	4328.29	-0.07	0.0	370.0	-673.23	88.15	14.04	-742.86	9238.89	6.633e+04
26	72	8.015e+04	1.393e+04	-0.02	-1110.02	0.0	1948.59	88.88	-73.74	1.149e+04	1.393e+04	7.891e+04
		-9.377e+04	-1.307e+04	0.03	0.0	370.0	1948.59	-1021.14	-73.74	1.149e+04	-1.307e+04	-9.377e+04
26	73	5.364e+04	1.223e+04	0.03	-1110.02	0.0	-1122.64	1102.57	24.93	6039.12	2429.03	-1.491e+05
		-1.491e+05	2429.03	-0.08	0.0	370.0	-1122.64	-7.45	24.93	6039.12	1.223e+04	5.364e+04
26	74	2.249e+04	9126.97	0.01	-1110.02	0.0	637.68	643.53	-29.85	5375.14	9126.97	-4.647e+04
		-4.647e+04	-1916.42	-0.02	0.0	370.0	637.68	-466.49	-29.85	5375.14	-1916.42	-1.372e+04
26	75	2.249e+04	9126.97	0.01	-1110.02	0.0	637.68	643.53	-29.85	5375.14	9126.97	-4.647e+04
		-4.647e+04	-1916.42	-0.02	0.0	370.0	637.68	-466.49	-29.85	5375.14	-1916.42	-1.372e+04
26	76	2.249e+04	9126.97	0.01	-1110.02	0.0	637.68	643.53	-29.85	5375.14	9126.97	-4.647e+04
		-4.647e+04	-1916.42	-0.02	0.0	370.0	637.68	-466.49	-29.85	5375.14	-1916.42	-1.372e+04
28	2	5.347e+04	-1.096e+04	-0.02	-105.34	0.0	-5339.31	240.70	-104.63	-3030.78	-1.096e+04	5.587e+04
		2.587e+04	-2.632e+04	0.01	0.0	146.8	-5315.39	135.36	-104.63	-3030.78	-2.632e+04	5.587e+04
28	3	9.642e+04	-1.988e+04	-0.04	-136.94	0.0	-8946.33	439.50	-183.36	-5758.62	-1.988e+04	4.196e+04
		4.196e+04	-4.679e+04	0.02	0.0	146.8	-8915.24	302.56	-183.36	-5758.62	-4.679e+04	9.642e+04
28	7	5.343e+04	-1.101e+04	-0.02	-105.34	0.0	-5357.08	237.11	-104.78	-3075.95	-1.101e+04	2.636e+04
		2.636e+04	-2.639e+04	0.01	0.0	146.8	-5333.16	131.77	-104.78	-3075.95	-2.639e+04	5.343e+04
28	8	7.139e+04	-1.475e+04	-0.03	-105.34	0.0	-6685.89	323.11	-136.23	-4267.88	-1.475e+04	3.170e+04
		3.170e+04	-3.474e+04	0.02	0.0	146.8	-6661.97	217.77	-136.23	-4267.88	-3.474e+04	7.139e+04
28	10	1.334e+05	-1.420e+04	-0.01	-105.34	0.0	-4885.38	-150.49	69.59	-3010.69	-1.420e+04	1.334e+05
		1.114e+05	-2.571e+04	-0.04	0.0	146.8	-4861.46	-255.83	69.59	-3010.69	-2.571e+04	1.114e+05
28	11	1.512e+05	-2.580e+04	-0.03	-105.34	0.0	-5001.56	-95.98	-97.96	-2607.41	-2.580e+04	1.512e+05
		1.219e+05	-5.006e+04	0.05	0.0	146.8	-4977.64	-201.32	-97.96	-2607.41	-5.006e+04	1.219e+05
28	12	-1.516e+04	3518.49	-0.01	-105.34	0.0	-5795.03	553.47	-112.13	-3753.55	3518.49	-9.621e+04
		-9.621e+04	-3056.24	-0.03	0.0	146.8	-5771.11	448.13	-112.13	-3753.55	-3056.24	-1.516e+04
28	13	-4639.34	-8074.92	-0.03	-105.34	0.0	-5911.21	607.98	-279.68	-3350.27	-8074.92	-7.838e+04
		-7.838e+04	-2.741e+04	0.05	0.0	146.8	-5887.29	502.64	-279.68	-3350.27	-2.741e+04	-4639.34
28	38	5.410e+04	2.484e+04	-0.02	-105.34	0.0	-5140.34	70.64	179.80	-3957.53	-1220.65	3.016e+04
		3.016e+04	-1220.65	-0.14	0.0	146.8	-5116.42	-34.70	179.80	-3957.53	2.484e+04	5.410e+04
28	41	5.262e+04	-2.106e+04	-0.02	-105.34	0.0	-5656.25	386.85	-389.89	-2403.43	-2.106e+04	2.487e+04
		2.487e+04	-7.795e+04	0.15	0.0	146.8	-5632.33	281.51	-389.89	-2403.43	-7.795e+04	5.262e+04

28	42	1.334e+05	-1.420e+04	-0.01	-105.34	0.0	-4885.38	-150.49	69.59	-3010.69	-1.420e+04	1.334e+05
		1.114e+05	-2.571e+04	-0.04	0.0	146.8	-4861.46	-255.83	69.59	-3010.69	-2.571e+04	1.114e+05
28	43	1.512e+05	-2.580e+04	-0.03	-105.34	0.0	-5001.56	-95.98	-97.96	-2607.41	-2.580e+04	1.512e+05
		1.219e+05	-5.006e+04	0.05	0.0	146.8	-4977.64	-201.32	-97.96	-2607.41	-5.006e+04	1.219e+05
28	44	-1.516e+04	3518.49	-0.01	-105.34	0.0	-5795.03	553.47	-112.13	-3753.55	3518.49	-9.621e+04
		-9.621e+04	-3056.24	-0.03	0.0	146.8	-5771.11	448.13	-112.13	-3753.55	-3056.24	-1.516e+04
28	45	-4639.34	-8074.92	-0.03	-105.34	0.0	-5911.21	607.98	-279.68	-3350.27	-8074.92	-7.838e+04
		-7.838e+04	-2.741e+04	0.05	0.0	146.8	-5887.29	502.64	-279.68	-3350.27	-2.741e+04	-4639.34
28	70	5.410e+04	2.484e+04	-0.02	-105.34	0.0	-5140.34	70.64	179.80	-3957.53	-1220.65	3.016e+04
		3.016e+04	-1220.65	-0.14	0.0	146.8	-5116.42	-34.70	179.80	-3957.53	2.484e+04	5.410e+04
28	73	5.262e+04	-2.106e+04	-0.02	-105.34	0.0	-5656.25	386.85	-389.89	-2403.43	-2.106e+04	2.487e+04
		2.487e+04	-7.795e+04	0.15	0.0	146.8	-5632.33	281.51	-389.89	-2403.43	-7.795e+04	2.487e+04
28	74	5.336e+04	-1.114e+04	-0.02	-105.34	0.0	-5398.29	228.75	-105.05	-3180.48	-1.114e+04	2.752e+04
		2.752e+04	-2.656e+04	0.01	0.0	146.8	-5374.37	123.41	-105.05	-3180.48	-2.656e+04	5.336e+04
28	75	5.336e+04	-1.114e+04	-0.02	-105.34	0.0	-5398.29	228.75	-105.05	-3180.48	-1.114e+04	2.752e+04
		2.752e+04	-2.656e+04	0.01	0.0	146.8	-5374.37	123.41	-105.05	-3180.48	-2.656e+04	5.336e+04
28	76	5.336e+04	-1.114e+04	-0.02	-105.34	0.0	-5398.29	228.75	-105.05	-3180.48	-1.114e+04	2.752e+04
		2.752e+04	-2.656e+04	0.01	0.0	146.8	-5374.37	123.41	-105.05	-3180.48	-2.656e+04	5.336e+04
29	2	3.185e+04	2445.25	-0.18	-1829.05	0.0	-169.56	929.60	12.13	-3.27	-2465.64	-6.380e+04
		-6.380e+04	-2465.64	-0.03	0.0	405.0	-169.56	-899.45	12.13	-3.27	2445.25	-5.769e+04
29	3	5.678e+04	3681.45	-0.32	-3247.25	0.0	-306.09	1649.25	18.26	-4.41	-3715.52	-1.128e+05
		-1.128e+05	-3715.52	-0.05	0.0	405.0	-306.09	-1598.00	18.26	-4.41	3681.45	-1.024e+05
29	7	3.192e+04	2399.76	-0.18	-1829.05	0.0	-170.71	929.29	11.90	-3.13	-2420.25	-6.367e+04
		-6.367e+04	-2420.25	-0.03	0.0	405.0	-170.71	-899.76	11.90	-3.13	2399.76	-5.769e+04
29	8	4.214e+04	2751.59	-0.24	-2408.71	0.0	-227.34	1223.29	13.65	-3.32	-2777.09	-8.364e+04
		-8.364e+04	-2777.09	-0.04	0.0	405.0	-227.34	-1185.42	13.65	-3.32	2751.59	-7.597e+04
29	11	3.286e+04	1.234e+04	-0.16	-1829.05	0.0	-185.81	937.15	60.98	-31.25	-1.236e+04	-6.366e+04
		-6.366e+04	-1.236e+04	-0.09	0.0	405.0	-185.81	-891.90	60.98	-31.25	1.234e+04	-5.582e+04
29	15	3.287e+04	8802.89	-0.16	-1829.05	0.0	-186.22	937.35	43.51	-31.09	-8821.02	-6.369e+04
		-6.369e+04	-8821.02	-0.07	0.0	405.0	-186.22	-891.70	43.51	-31.09	8802.89	-5.576e+04
29	35	3.242e+04	66.15	-0.17	-1829.05	0.0	-193.15	948.17	0.39	1.38	-93.39	-6.684e+04
		-6.684e+04	-93.39	0.02	0.0	405.0	-193.15	-880.89	0.39	1.38	66.15	-5.351e+04
29	36	3.174e+04	4506.23	-0.19	-1829.05	0.0	-153.79	909.02	22.29	-7.09	-4520.48	-5.989e+04
		-6.182e+04	-4520.48	-0.08	0.0	405.0	-153.79	-920.03	22.29	-7.09	4506.23	-6.182e+04
29	37	3.196e+04	4639.46	-0.19	-1829.05	0.0	-188.64	946.26	-22.99	20.83	4639.46	-6.732e+04
		-6.732e+04	-4669.70	0.05	0.0	405.0	-188.64	-882.79	-22.99	20.83	-4669.70	-5.395e+04
29	43	3.286e+04	1.234e+04	-0.16	-1829.05	0.0	-185.81	937.15	60.98	-31.25	-1.236e+04	-6.366e+04
		-6.366e+04	-1.236e+04	-0.09	0.0	405.0	-185.81	-891.90	60.98	-31.25	1.234e+04	-5.582e+04
29	47	3.287e+04	8802.89	-0.16	-1829.05	0.0	-186.22	937.35	43.51	-31.09	-8821.02	-6.369e+04
		-6.369e+04	-8821.02	-0.07	0.0	405.0	-186.22	-891.70	43.51	-31.09	8802.89	-5.576e+04
29	67	3.242e+04	66.15	-0.17	-1829.05	0.0	-193.15	948.17	0.39	1.38	-93.39	-6.684e+04
		-6.684e+04	-93.39	0.02	0.0	405.0	-193.15	-880.89	0.39	1.38	66.15	-5.351e+04
29	68	3.174e+04	4506.23	-0.19	-1829.05	0.0	-153.79	909.02	22.29	-7.09	-4520.48	-5.989e+04
		-6.182e+04	-4520.48	-0.08	0.0	405.0	-153.79	-920.03	22.29	-7.09	4506.23	-6.182e+04
29	69	3.196e+04	4639.46	-0.19	-1829.05	0.0	-188.64	946.26	-22.99	20.83	4639.46	-6.732e+04
		-6.732e+04	-4669.70	0.05	0.0	405.0	-188.64	-882.79	-22.99	20.83	-4669.70	-5.395e+04
29	74	3.208e+04	2286.19	-0.18	-1829.05	0.0	-173.47	928.59	11.34	-2.86	-2306.93	-6.337e+04
		-6.337e+04	-2306.93	-0.03	0.0	405.0	-173.47	-900.46	11.34	-2.86	2286.19	-5.767e+04
29	75	3.208e+04	2286.19	-0.18	-1829.05	0.0	-173.47	928.59	11.34	-2.86	-2306.93	-6.337e+04
		-6.337e+04	-2306.93	-0.03	0.0	405.0	-173.47	-900.46	11.34	-2.86	2286.19	-5.767e+04
29	76	3.208e+04	2286.19	-0.18	-1829.05	0.0	-173.47	928.59	11.34	-2.86	-2306.93	-6.337e+04
		-6.337e+04	-2306.93	-0.03	0.0	405.0	-173.47	-900.46	11.34	-2.86	2286.19	-5.767e+04
31	1	0.0	2357.82	-9.53e-03	-643.06	0.0	-57.75	643.06	-14.30	0.0	2357.82	-5.302e+04
		-5.302e+04	0.0	-4.92e-03	0.0	164.9	-57.75	1.40e-05	-14.30	0.0	0.0	0.0
31	2	0.0	1823.36	-6.96e-03	-494.66	0.0	-38.57	494.66	-11.06	0.0	1823.36	-4.078e+04
		-4.078e+04	0.0	-3.67e-03	0.0	164.9	-38.57	1.07e-05	-11.06	0.0	0.0	0.0
31	3	0.0	2509.11	-5.77e-03	-643.06	0.0	-135.00	643.06	-15.22	0.0	2509.11	-5.302e+04
		-5.302e+04	0.0	-8.57e-03	0.0	164.9	-135.00	1.40e-05	-15.22	0.0	0.0	0.0
31	4	0.0	1974.66	-3.20e-03	-494.66	0.0	-115.82	494.66	-11.98	0.0	1974.66	-4.078e+04
		-4.078e+04	0.0	-7.32e-03	0.0	164.9	-115.82	1.07e-05	-11.98	0.0	0.0	0.0
31	7	0.0	1763.37	-7.60e-03	-494.66	0.0	-52.25	494.66	-10.69	0.0	1763.37	-4.078e+04
		-4.078e+04	0.0	-3.93e-03	0.0	164.9	-52.25	1.07e-05	-10.69	0.0	0.0	0.0
31	8	0.0	1864.23	-5.09e-03	-494.66	0.0	-103.75	494.66	-11.31	0.0	1864.23	-4.078e+04
		-4.078e+04	0.0	-6.36e-03	0.0	164.9	-103.75	1.07e-05	-11.31	0.0	0.0	0.0
31	19	0.0	0.0	0.02	-494.66	0.0	329.16	496.81	36.49	0.0	-6017.31	-4.043e+04
		-4.043e+04	-6017.31	9.26e-04	0.0	164.9	329.16	2.15	36.49	0.0	0.0	0.0
31	20	0.0	9185.64	-0.04	-494.66	0.0	-501.79	492.51	-55.71	0.0	9185.64	-4.114e+04
		-4.114e+04	0.0	-0.01	0.0	164.9	-501.79	-2.15	-55.71	0.0	0.0	0.0
31	35	0.0	4361.53	0.05	-494.66	0.0	706.01	506.77	-26.45	0.0	4361.53	-4.278e+04
		-4.278e+04	0.0	-1.34e-03	0.0	164.9	706.01	12.11	-26.45	0.0	0.0	0.0
31	39	0.0	4020.21	0.05	-494.66	0.0	836.09	507.09	-24.38	0.0	4020.21	-4.234e+04
		-4.234e+04	0.0	-1.30e-03	0.0	164.9	836.09	12.43	-24.38	0.0	0.0	0.0
31	40	0.0	0.0	-0.07	-494.66	0.0	-1008.72	482.23	5.17	0.0	-851.88	-3.922e+04
		-3.922e+04	-851.88	-7.84e-03	0.0	164.9	-1008.72	-12.43	5.17	0.0	0.0	0.0
31	41	0.0	7712.90	0.04	-494.66	0.0	694.94	504.11	-46.78	0.0	7712.90	-4.283e+04
		-4.283e+04	0.0	-2.80e-03	0.0	164.9	694.94	9.45	-46.78	0.0	0.0	0.0
31	51	0.0	0.0	0.02	-494.66	0.0	329.16	496.81	36.49	0.0	-6017.31	-4.043e+04

		-4.043e+04	-6017.31	9.26e-04	0.0	164.9	329.16	2.15	36.49	0.0	0.0	0.0
31	52	0.0	9185.64	-0.04	-494.66	0.0	-501.79	492.51	-55.71	0.0	9185.64	-4.114e+04
		-4.114e+04	0.0	-0.01	0.0	164.9	-501.79	-2.15	-55.71	0.0	0.0	0.0
31	67	0.0	4361.53	0.05	-494.66	0.0	706.01	506.77	-26.45	0.0	4361.53	-4.278e+04
		-4.278e+04	0.0	-1.34e-03	0.0	164.9	706.01	12.11	-26.45	0.0	0.0	0.0
31	71	0.0	4020.21	0.05	-494.66	0.0	836.09	507.09	-24.38	0.0	4020.21	-4.234e+04
		-4.234e+04	0.0	-1.30e-03	0.0	164.9	836.09	12.43	-24.38	0.0	0.0	0.0
31	72	0.0	0.0	-0.07	-494.66	0.0	-1008.72	482.23	5.17	0.0	-851.88	-3.922e+04
		-3.922e+04	-851.88	-7.84e-03	0.0	164.9	-1008.72	-12.43	5.17	0.0	0.0	0.0
31	73	0.0	7712.90	0.04	-494.66	0.0	694.94	504.11	-46.78	0.0	7712.90	-4.283e+04
		-4.283e+04	0.0	-2.80e-03	0.0	164.9	694.94	9.45	-46.78	0.0	0.0	0.0
31	74	0.0	1584.17	-9.02e-03	-494.66	0.0	-86.32	494.66	-9.61	0.0	1584.17	-4.078e+04
		-4.078e+04	0.0	-4.57e-03	0.0	164.9	-86.32	1.07e-05	-9.61	0.0	0.0	0.0
31	75	0.0	1584.17	-9.02e-03	-494.66	0.0	-86.32	494.66	-9.61	0.0	1584.17	-4.078e+04
		-4.078e+04	0.0	-4.57e-03	0.0	164.9	-86.32	1.07e-05	-9.61	0.0	0.0	0.0
31	76	0.0	1584.17	-9.02e-03	-494.66	0.0	-86.32	494.66	-9.61	0.0	1584.17	-4.078e+04
		-4.078e+04	0.0	-4.57e-03	0.0	164.9	-86.32	1.07e-05	-9.61	0.0	0.0	0.0
33	2	3.786e+04	1660.28	-0.15	-2115.53	0.0	-581.42	1061.01	10.04	-34.97	-2405.14	-6.990e+04
		-6.990e+04	-2405.14	-0.04	0.0	405.0	-581.42	-1054.52	10.04	-34.97	1660.28	-6.858e+04
33	3	6.473e+04	2551.52	-0.25	-3619.67	0.0	-1042.80	1815.73	15.68	-63.94	-3800.61	-1.197e+05
		-1.197e+05	-3800.61	-0.07	0.0	405.0	-1042.80	-1803.94	15.68	-63.94	2551.52	-1.173e+05
33	7	3.782e+04	1637.99	-0.15	-2115.53	0.0	-581.63	1060.98	9.89	-35.87	-2366.75	-6.993e+04
		-6.993e+04	-2366.75	-0.04	0.0	405.0	-581.63	-1054.55	9.89	-35.87	1637.99	-6.863e+04
33	8	4.819e+04	1908.40	-0.19	-2695.19	0.0	-773.74	1351.96	11.71	-47.81	-2833.55	-8.914e+04
		-8.914e+04	-2833.55	-0.05	0.0	405.0	-773.74	-1343.23	11.71	-47.81	1908.40	-8.737e+04
33	15	3.758e+04	1.385e+04	-0.14	-2115.53	0.0	-334.31	1091.62	69.98	-83.49	-1.450e+04	-7.653e+04
		-7.653e+04	-1.450e+04	-0.12	0.0	405.0	-334.31	-1023.91	69.98	-83.49	1.385e+04	-6.251e+04
33	16	3.791e+04	9941.34	-0.15	-2115.53	0.0	-833.78	1030.31	-50.92	7.43	9941.34	-6.348e+04
		-6.348e+04	9941.34	0.05	0.0	405.0	-833.78	-1085.22	-50.92	7.43	-1.068e+04	-7.491e+04
33	18	4.067e+04	953.49	-0.16	-2115.53	0.0	-391.36	1057.82	6.26	-77.44	-1586.00	-6.344e+04
		-6.344e+04	-1586.00	-0.08	0.0	405.0	-391.36	-1057.71	6.26	-77.44	953.49	-6.942e+04
33	35	3.774e+04	2.526e+04	-0.15	-2115.53	0.0	-434.33	1124.48	126.48	-39.52	-2.596e+04	-8.294e+04
		-8.294e+04	-2.596e+04	-0.09	0.0	405.0	-434.33	-991.05	126.48	-39.52	2.526e+04	-5.582e+04
33	41	3.689e+04	2.193e+04	-0.14	-2115.53	0.0	-564.75	1116.56	110.12	-14.02	-2.267e+04	-8.302e+04
		-8.302e+04	-2.267e+04	-0.05	0.0	405.0	-564.75	-998.97	110.12	-14.02	2.193e+04	-5.739e+04
33	47	3.758e+04	1.385e+04	-0.14	-2115.53	0.0	-334.31	1091.62	69.98	-83.49	-1.450e+04	-7.653e+04
		-7.653e+04	-1.450e+04	-0.12	0.0	405.0	-334.31	-1023.91	69.98	-83.49	1.385e+04	-6.251e+04
33	48	3.791e+04	9941.34	-0.15	-2115.53	0.0	-833.78	1030.31	-50.92	7.43	9941.34	-6.348e+04
		-6.348e+04	9941.34	0.05	0.0	405.0	-833.78	-1085.22	-50.92	7.43	-1.068e+04	-7.491e+04
33	50	4.067e+04	953.49	-0.16	-2115.53	0.0	-391.36	1057.82	6.26	-77.44	-1586.00	-6.344e+04
		-6.344e+04	-1586.00	-0.08	0.0	405.0	-391.36	-1057.71	6.26	-77.44	953.49	-6.942e+04
33	67	3.774e+04	2.526e+04	-0.15	-2115.53	0.0	-434.33	1124.48	126.48	-39.52	-2.596e+04	-8.294e+04
		-8.294e+04	-2.596e+04	-0.09	0.0	405.0	-434.33	-991.05	126.48	-39.52	2.526e+04	-5.582e+04
33	73	3.689e+04	2.193e+04	-0.14	-2115.53	0.0	-564.75	1116.56	110.12	-14.02	-2.267e+04	-8.302e+04
		-8.302e+04	-2.267e+04	-0.05	0.0	405.0	-564.75	-998.97	110.12	-14.02	2.193e+04	-5.739e+04
33	74	3.774e+04	1582.56	-0.15	-2115.53	0.0	-584.05	1060.97	9.53	-38.03	-2278.13	-7.000e+04
		-7.000e+04	-2278.13	-0.04	0.0	405.0	-584.05	-1054.56	9.53	-38.03	1582.56	-6.871e+04
33	75	3.774e+04	1582.56	-0.15	-2115.53	0.0	-584.05	1060.97	9.53	-38.03	-2278.13	-7.000e+04
		-7.000e+04	-2278.13	-0.04	0.0	405.0	-584.05	-1054.56	9.53	-38.03	1582.56	-6.871e+04
33	76	3.774e+04	1582.56	-0.15	-2115.53	0.0	-584.05	1060.97	9.53	-38.03	-2278.13	-7.000e+04
		-7.000e+04	-2278.13	-0.04	0.0	405.0	-584.05	-1054.56	9.53	-38.03	1582.56	-6.871e+04
34	2	3.315e+04	2836.90	-0.15	-2115.53	0.0	-572.42	1094.40	12.02	48.41	-2031.50	-8.137e+04
		-8.137e+04	-2031.50	-0.05	0.0	405.0	-572.42	-1021.13	12.02	48.41	2836.90	-6.653e+04
34	3	5.670e+04	4765.82	-0.25	-3619.67	0.0	-1019.73	1871.98	20.13	97.08	-3387.47	-1.140e+05
		-1.140e+05	-3387.47	-0.10	0.0	405.0	-1019.73	-1747.70	20.13	97.08	4765.82	-1.391e+05
34	7	3.313e+04	2810.69	-0.15	-2115.53	0.0	-573.17	1094.10	11.88	50.49	-1998.91	-8.132e+04
		-8.132e+04	-1998.91	-0.05	0.0	405.0	-573.17	-1021.43	11.88	50.49	2810.69	-6.661e+04
34	8	4.221e+04	3543.00	-0.19	-2695.19	0.0	-757.17	1393.78	14.96	72.26	-2513.98	-1.036e+05
		-1.036e+05	-2513.98	-0.07	0.0	405.0	-757.17	-1301.41	14.96	72.26	3543.00	-8.488e+04
34	10	3.637e+04	4233.44	-0.17	-2115.53	0.0	-351.29	1092.11	18.77	7.16	-3371.34	-7.432e+04
		-7.432e+04	-3371.34	-0.09	0.0	405.0	-351.29	-1023.42	18.77	7.16	4233.44	-6.714e+04
34	14	3.637e+04	3782.92	-0.17	-2115.53	0.0	-348.14	1091.02	16.54	6.20	-2918.36	-7.410e+04
		-7.410e+04	-2918.36	-0.11	0.0	405.0	-348.14	-1024.51	16.54	6.20	3782.92	-6.736e+04
34	17	2.983e+04	1725.10	-0.12	-2115.53	0.0	-804.33	1095.94	6.59	104.21	-939.83	-8.836e+04
		-8.836e+04	-939.83	-6.50e-03	0.0	405.0	-804.33	-1019.59	6.59	104.21	1725.10	-6.617e+04
34	35	3.465e+04	2.677e+04	-0.15	-2115.53	0.0	-575.86	1156.90	130.04	59.55	-2.589e+04	-9.223e+04
		-9.223e+04	-2.589e+04	-0.06	0.0	405.0	-575.86	-958.63	130.04	59.55	2.677e+04	-5.409e+04
34	41	3.378e+04	2.655e+04	-0.14	-2115.53	0.0	-688.83	1157.38	128.94	64.22	-2.567e+04	-9.437e+04
		-9.437e+04	-2.567e+04	-0.06	0.0	405.0	-688.83	-958.15	128.94	64.22	2.655e+04	-5.398e+04
34	42	3.637e+04	4233.44	-0.17	-2115.53	0.0	-351.29	1092.11	18.77	7.16	-3371.34	-7.432e+04
		-7.432e+04	-3371.34	-0.09	0.0	405.0	-351.29	-1023.42	18.77	7.16	4233.44	-6.714e+04
34	46	3.637e+04	3782.92	-0.17	-2115.53	0.0	-348.14	1091.02	16.54	6.20	-2918.36	-7.410e+04
		-7.410e+04	-2918.36	-0.11	0.0	405.0	-348.14	-1024.51	16.54	6.20	3782.92	-6.736e+04
34	49	2.983e+04	1725.10	-0.12	-2115.53	0.0	-804.33	1095.94	6.59	104.21	-939.83	-8.836e+04
		-8.836e+04	-939.83	-6.50e-03	0.0	405.0	-804.33	-1019.59	6.59	104.21	1725.10	-6.617e+04
34	67	3.465e+04	2.677e+04	-0.15	-2115.53	0.0	-575.86	1156.90	130.04	59.55	-2.589e+04	-9.223e+04
		-9.223e+04	-2.589e+04	-0.06	0.0	405.0	-575.86	-958.63	130.04	59.55	2.677e+04	-5.409e+04

34	73	3.378e+04	2.655e+04	-0.14	-2115.53	0.0	-688.83	1157.38	128.94	64.22	-2.567e+04	-9.437e+04
		-9.437e+04	-2.567e+04	-0.06	0.0	405.0	-688.83	-958.15	128.94	64.22	2.655e+04	-5.398e+04
34	74	3.310e+04	2754.01	-0.14	-2115.53	0.0	-576.23	1093.48	11.56	55.21	-1929.09	-8.123e+04
		-8.123e+04	-1929.09	-0.06	0.0	405.0	-576.23	-1022.05	11.56	55.21	2754.01	-6.677e+04
34	75	3.310e+04	2754.01	-0.14	-2115.53	0.0	-576.23	1093.48	11.56	55.21	-1929.09	-8.123e+04
		-8.123e+04	-1929.09	-0.06	0.0	405.0	-576.23	-1022.05	11.56	55.21	2754.01	-6.677e+04
34	76	3.310e+04	2754.01	-0.14	-2115.53	0.0	-576.23	1093.48	11.56	55.21	-1929.09	-8.123e+04
		-8.123e+04	-1929.09	-0.06	0.0	405.0	-576.23	-1022.05	11.56	55.21	2754.01	-6.677e+04
37	2	5.630e+04	1.012e+04	-0.32	-2141.65	0.0	-555.87	955.57	65.30	313.76	-1.666e+04	-3.107e+04
		-7.833e+04	-1.666e+04	-0.12	0.0	410.0	-555.87	-1186.08	65.30	313.76	1.012e+04	-7.833e+04
37	3	9.650e+04	1.767e+04	-0.56	-3664.36	0.0	-971.27	1636.98	113.73	588.62	-2.896e+04	-5.335e+04
		-1.334e+05	-2.896e+04	-0.21	0.0	410.0	-971.27	-2027.38	113.73	588.62	1.767e+04	-1.334e+05
37	7	5.630e+04	1.013e+04	-0.32	-2141.65	0.0	-557.30	955.60	65.37	320.57	-1.667e+04	-3.107e+04
		-7.832e+04	-1.667e+04	-0.12	0.0	410.0	-557.30	-1186.05	65.37	320.57	1.013e+04	-7.832e+04
37	8	7.184e+04	1.314e+04	-0.41	-2728.46	0.0	-722.66	1218.78	84.58	437.95	-2.154e+04	-3.972e+04
		-9.935e+04	-2.154e+04	-0.16	0.0	410.0	-722.66	-1509.68	84.58	437.95	1.314e+04	-9.935e+04
37	14	6.150e+04	-1660.80	-0.37	-2141.65	0.0	-437.12	960.22	-7.16	373.62	-1660.80	-2.280e+04
		-7.708e+04	-4597.26	-0.16	0.0	410.0	-437.12	-1181.43	-7.16	373.62	-4597.26	-7.708e+04
37	17	5.112e+04	2.492e+04	-0.27	-2141.65	0.0	-685.12	951.25	138.27	298.94	-3.177e+04	-3.939e+04
		-7.948e+04	-3.177e+04	-0.10	0.0	410.0	-685.12	-1190.40	138.27	298.94	2.492e+04	-7.948e+04
37	36	5.697e+04	2995.20	-0.32	-2141.65	0.0	-527.11	890.36	-29.86	309.31	2995.20	-1.987e+04
		-9.119e+04	-9249.38	-0.16	0.0	410.0	-527.11	-1251.29	-29.86	309.31	-9249.38	-9.119e+04
37	37	5.317e+04	3.449e+04	-0.29	-2141.65	0.0	-657.77	1007.84	185.24	338.24	-4.146e+04	-4.502e+04
		-6.816e+04	-4.146e+04	-0.11	0.0	410.0	-657.77	-1133.80	185.24	338.24	3.449e+04	-6.816e+04
37	46	6.150e+04	-1660.80	-0.37	-2141.65	0.0	-437.12	960.22	-7.16	373.62	-1660.80	-2.280e+04
		-7.708e+04	-4597.26	-0.16	0.0	410.0	-437.12	-1181.43	-7.16	373.62	-4597.26	-7.708e+04
37	49	5.112e+04	2.492e+04	-0.27	-2141.65	0.0	-685.12	951.25	138.27	298.94	-3.177e+04	-3.939e+04
		-7.948e+04	-3.177e+04	-0.10	0.0	410.0	-685.12	-1190.40	138.27	298.94	2.492e+04	-7.948e+04
37	68	5.697e+04	2995.20	-0.32	-2141.65	0.0	-527.11	890.36	-29.86	309.31	2995.20	-1.987e+04
		-9.119e+04	-9249.38	-0.16	0.0	410.0	-527.11	-1251.29	-29.86	309.31	-9249.38	-9.119e+04
37	69	5.317e+04	3.449e+04	-0.29	-2141.65	0.0	-657.77	1007.84	185.24	338.24	-4.146e+04	-4.502e+04
		-6.816e+04	-4.146e+04	-0.11	0.0	410.0	-657.77	-1133.80	185.24	338.24	3.449e+04	-6.816e+04
37	74	5.631e+04	1.016e+04	-0.32	-2141.65	0.0	-561.12	955.73	65.56	336.28	-1.671e+04	-3.109e+04
		-7.828e+04	-1.671e+04	-0.12	0.0	410.0	-561.12	-1185.91	65.56	336.28	1.016e+04	-7.828e+04
37	75	5.631e+04	1.016e+04	-0.32	-2141.65	0.0	-561.12	955.73	65.56	336.28	-1.671e+04	-3.109e+04
		-7.828e+04	-1.671e+04	-0.12	0.0	410.0	-561.12	-1185.91	65.56	336.28	1.016e+04	-7.828e+04
37	76	5.631e+04	1.016e+04	-0.32	-2141.65	0.0	-561.12	955.73	65.56	336.28	-1.671e+04	-3.109e+04
		-7.828e+04	-1.671e+04	-0.12	0.0	410.0	-561.12	-1185.91	65.56	336.28	1.016e+04	-7.828e+04
38	1	8.879e+04	119.63	0.06	-4708.34	0.0	-291.85	2101.59	3.80	1.162e+04	-793.41	-2.373e+04
		-8.435e+04	-793.41	-0.01	0.0	240.0	-291.85	-2606.75	3.80	1.162e+04	119.63	-8.435e+04
38	3	6.827e+04	211.90	0.05	-3614.91	0.0	-204.77	1626.55	5.67	6763.86	-1147.92	-1.949e+04
		-6.291e+04	-1147.92	-0.02	0.0	240.0	-204.77	-1988.36	5.67	6763.86	211.90	-6.291e+04
38	4	5.008e+04	204.05	0.04	-2651.73	0.0	-143.51	1197.67	4.93	4550.91	-979.75	-1.477e+04
		-4.554e+04	-979.75	-0.02	0.0	240.0	-143.51	-1454.06	4.93	4550.91	204.05	-4.554e+04
38	7	6.515e+04	79.83	0.04	-3453.58	0.0	-215.34	1541.29	2.82	8294.28	-597.84	-1.736e+04
		-6.188e+04	-597.84	-0.01	0.0	240.0	-215.34	-1912.29	2.82	8294.28	79.83	-6.188e+04
38	8	5.147e+04	141.35	0.04	-2724.62	0.0	-157.29	1224.59	4.06	5058.32	-834.18	-1.453e+04
		-4.758e+04	-834.18	-0.01	0.0	240.0	-157.29	-1500.03	4.06	5058.32	141.35	-4.758e+04
38	38	6.022e+04	5082.15	0.03	-2724.62	0.0	783.08	705.97	40.55	8493.17	-4639.78	3.633e+04
		-1.133e+05	-4639.78	3.65e-03	0.0	240.0	783.08	-2018.65	40.55	8493.17	5082.15	-1.133e+05
38	39	5.287e+04	5822.01	0.05	-2724.62	0.0	-926.97	1644.30	-56.16	5197.76	5822.01	-7.109e+04
		-7.109e+04	-7669.68	-0.02	0.0	240.0	-926.97	-1080.33	-56.16	5197.76	-7669.68	4644.08
38	40	6.897e+04	7692.79	0.02	-2724.62	0.0	573.87	783.00	60.72	5831.41	-6893.08	4.444e+04
		-1.027e+05	-6893.08	-2.50e-03	0.0	240.0	573.87	-1941.62	60.72	5831.41	7692.79	-1.027e+05
38	41	6.258e+04	3568.71	0.05	-2724.62	0.0	-1136.18	1721.33	-35.99	2535.99	3568.71	-6.299e+04
		-6.299e+04	-5059.04	-0.03	0.0	240.0	-1136.18	-1003.30	-35.99	2535.99	-5059.04	1.531e+04
38	70	6.022e+04	5082.15	0.03	-2724.62	0.0	783.08	705.97	40.55	8493.17	-4639.78	3.633e+04
		-1.133e+05	-4639.78	3.65e-03	0.0	240.0	783.08	-2018.65	40.55	8493.17	5082.15	-1.133e+05
38	71	5.287e+04	5822.01	0.05	-2724.62	0.0	-926.97	1644.30	-56.16	5197.76	5822.01	-7.109e+04
		-7.109e+04	-7669.68	-0.02	0.0	240.0	-926.97	-1080.33	-56.16	5197.76	-7669.68	4644.08
38	72	6.897e+04	7692.79	0.02	-2724.62	0.0	573.87	783.00	60.72	5831.41	-6893.08	4.444e+04
		-1.027e+05	-6893.08	-2.50e-03	0.0	240.0	573.87	-1941.62	60.72	5831.41	7692.79	-1.027e+05
38	73	6.258e+04	3568.71	0.05	-2724.62	0.0	-1136.18	1721.33	-35.99	2535.99	3568.71	-6.299e+04
		-6.299e+04	-5059.04	-0.03	0.0	240.0	-1136.18	-1003.30	-35.99	2535.99	-5059.04	1.531e+04
38	74	5.152e+04	11.56	0.04	-2724.62	0.0	-176.55	1213.65	2.28	5514.58	-535.53	-1.333e+04
		-4.901e+04	-535.53	-0.01	0.0	240.0	-176.55	-1510.97	2.28	5514.58	11.56	-4.901e+04
38	75	5.152e+04	11.56	0.04	-2724.62	0.0	-176.55	1213.65	2.28	5514.58	-535.53	-1.333e+04
		-4.901e+04	-535.53	-0.01	0.0	240.0	-176.55	-1510.97	2.28	5514.58	11.56	-4.901e+04
38	76	5.152e+04	11.56	0.04	-2724.62	0.0	-176.55	1213.65	2.28	5514.58	-535.53	-1.333e+04
		-4.901e+04	-535.53	-0.01	0.0	240.0	-176.55	-1510.97	2.28	5514.58	11.56	-4.901e+04
40	1	1.698e+04	375.15	-0.05	-803.74	0.0	-929.43	437.55	11.99	1.246e+04	-4541.94	-3.162e+04
		-3.162e+04	-4541.94	-0.04	0.0	410.0	-929.43	-366.19	11.99	1.246e+04	375.15	-3.162e+04
40	2	1.320e+04	-33.33	-0.04	-618.40	0.0	-706.11	339.26	8.11	9891.80	-3359.53	-2.480e+04
		-2.480e+04	-3359.53	-0.03	0.0	410.0	-706.11	-279.13	8.11	9891.80	-33.33	-2.480e+04
40	3	1.601e+04	5914.10	-0.05	-802.51	0.0	-1263.83	402.28	33.47	1.098e+04	-7806.75	-2.522e+04
		-2.522e+04	-7806.75	-0.06	0.0	410.0	-1263.83	-400.22	33.47	1.098e+04	5914.10	-2.522e+04
40	7	1.290e+04	715.75	-0.04	-618.07	0.0	-721.01	333.65	10.65	9235.98	-3650.55	-2.383e+04

		-2.383e+04	-3650.55	-0.03	0.0	410.0	-721.01	-284.42	10.65	9235.98	715.75	-1.395e+04
40	8	1.231e+04	4408.37	-0.04	-617.25	0.0	-943.94	310.14	24.96	8246.89	-5827.09	-1.956e+04
		-1.956e+04	-5827.09	-0.04	0.0	410.0	-943.94	-307.11	24.96	8246.89	4408.37	-1.909e+04
40	11	1.829e+04	-3094.26	-0.05	-617.25	0.0	-932.67	332.12	-6.76	1.012e+04	-1.030e+04	-2.399e+04
		-2.399e+04	-1.030e+04	-0.03	0.0	410.0	-932.67	-285.13	-6.76	1.012e+04	-3094.26	-4177.53
40	22	1.264e+04	1352.61	-0.04	-617.25	0.0	-1173.60	314.70	-19.09	1.102e+04	1352.61	-2.018e+04
		-2.018e+04	-7121.08	-0.04	0.0	410.0	-1173.60	-302.55	-19.09	1.102e+04	-7121.08	-1.782e+04
40	25	1.217e+04	1.228e+04	-0.04	-617.25	0.0	-333.54	325.69	52.93	4282.89	-1.007e+04	-2.288e+04
		-2.288e+04	-1.007e+04	-0.03	0.0	410.0	-333.54	-291.56	52.93	4282.89	1.228e+04	-1.605e+04
40	27	2.036e+04	7674.08	-0.04	-617.25	0.0	-578.42	431.67	32.17	7573.15	-8533.31	-4.352e+04
		-4.352e+04	-8533.31	-0.02	0.0	410.0	-578.42	-185.58	32.17	7573.15	7674.08	9879.54
40	31	1.979e+04	7896.41	-0.04	-617.25	0.0	-602.90	447.68	33.09	7675.06	-5506.41	-4.657e+04
		-4.657e+04	-5506.41	-0.02	0.0	410.0	-602.90	-169.57	33.09	7675.06	7896.41	1.030e+04
40	37	1.716e+04	1.338e+04	-0.04	-617.25	0.0	-397.73	444.73	53.03	5870.94	-5405.55	-4.615e+04
		-4.615e+04	-5405.55	-0.03	0.0	410.0	-397.73	-172.52	53.03	5870.94	1.338e+04	6409.04
40	43	1.829e+04	-3094.26	-0.05	-617.25	0.0	-932.67	332.12	-6.76	1.012e+04	-1.030e+04	-2.399e+04
		-2.399e+04	-1.030e+04	-0.03	0.0	410.0	-932.67	-285.13	-6.76	1.012e+04	-3094.26	-4177.53
40	54	1.264e+04	1352.61	-0.04	-617.25	0.0	-1173.60	314.70	-19.09	1.102e+04	1352.61	-2.018e+04
		-2.018e+04	-7121.08	-0.04	0.0	410.0	-1173.60	-302.55	-19.09	1.102e+04	-7121.08	-1.782e+04
40	57	1.217e+04	1.228e+04	-0.04	-617.25	0.0	-333.54	325.69	52.93	4282.89	-1.007e+04	-2.288e+04
		-2.288e+04	-1.007e+04	-0.03	0.0	410.0	-333.54	-291.56	52.93	4282.89	1.228e+04	-1.605e+04
40	59	2.036e+04	7674.08	-0.04	-617.25	0.0	-578.42	431.67	32.17	7573.15	-8533.31	-4.352e+04
		-4.352e+04	-8533.31	-0.02	0.0	410.0	-578.42	-185.58	32.17	7573.15	7674.08	9879.54
40	63	1.979e+04	7896.41	-0.04	-617.25	0.0	-602.90	447.68	33.09	7675.06	-5506.41	-4.657e+04
		-4.657e+04	-5506.41	-0.02	0.0	410.0	-602.90	-169.57	33.09	7675.06	7896.41	1.030e+04
40	69	1.716e+04	1.338e+04	-0.04	-617.25	0.0	-397.73	444.73	53.03	5870.94	-5405.55	-4.615e+04
		-4.615e+04	-5405.55	-0.03	0.0	410.0	-397.73	-172.52	53.03	5870.94	1.338e+04	6409.04
40	74	1.240e+04	2579.17	-0.04	-617.25	0.0	-753.57	320.20	16.92	7649.99	-4357.41	-2.153e+04
		-2.153e+04	-4357.41	-0.03	0.0	410.0	-753.57	-297.06	16.92	7649.99	2579.17	-1.694e+04
40	75	1.240e+04	2579.17	-0.04	-617.25	0.0	-753.57	320.20	16.92	7649.99	-4357.41	-2.153e+04
		-2.153e+04	-4357.41	-0.03	0.0	410.0	-753.57	-297.06	16.92	7649.99	2579.17	-1.694e+04
40	76	1.240e+04	2579.17	-0.04	-617.25	0.0	-753.57	320.20	16.92	7649.99	-4357.41	-2.153e+04
		-2.153e+04	-4357.41	-0.03	0.0	410.0	-753.57	-297.06	16.92	7649.99	2579.17	-1.694e+04
42	1	8.892e+05	1.665e+04	0.14	-2.986e+04	0.0	24.80	1.414e+04	-52.12	4145.60	1.665e+04	-1.222e+06
		-1.724e+06	-1.633e+04	-0.05	0.0	632.8	24.80	-1.572e+04	-52.12	4145.60	-1.633e+04	-1.724e+06
42	2	7.095e+05	1.334e+04	0.11	-2.380e+04	0.0	-72.69	1.128e+04	-42.26	3804.85	1.334e+04	-9.766e+05
		-1.370e+06	-1.340e+04	-0.04	0.0	632.8	-72.69	-1.252e+04	-42.26	3804.85	-1.340e+04	-1.370e+06
42	3	6.577e+05	1.300e+04	0.13	-2.245e+04	0.0	1579.12	1.051e+04	-30.93	-6057.26	1.300e+04	-8.918e+05
		-1.347e+06	-6570.87	-0.08	0.0	632.8	1579.12	-1.194e+04	-30.93	-6057.26	-6570.87	-1.347e+06
42	7	6.492e+05	1.210e+04	0.11	-2.183e+04	0.0	128.05	1.032e+04	-37.15	2351.44	1.210e+04	-8.900e+05
		-1.265e+06	-1.141e+04	-0.04	0.0	632.8	128.05	-1.150e+04	-37.15	2351.44	-1.141e+04	-1.265e+06
42	8	4.950e+05	9665.00	0.09	-1.689e+04	0.0	1164.26	7904.46	-23.02	-4450.47	9665.00	-6.701e+05
		-1.014e+06	-4901.64	-0.06	0.0	632.8	1164.26	-8988.20	-23.02	-4450.47	-4901.64	-1.014e+06
42	18	5.472e+05	2.262e+04	0.06	-1.689e+04	0.0	-677.70	6828.00	-83.27	5284.29	2.262e+04	-3.213e+05
		-1.346e+06	-3.018e+04	-0.05	0.0	632.8	-677.70	-1.006e+04	-83.27	5284.29	-3.018e+04	-1.346e+06
42	21	4.968e+05	1.733e+04	0.12	-1.689e+04	0.0	1912.07	9031.14	34.52	-7844.69	-4628.85	-1.026e+06
		-1.026e+06	-4628.85	-0.03	0.0	632.8	1912.07	-7861.53	34.52	-7844.69	1.733e+04	-6.571e+05
42	22	5.477e+05	2.328e+04	0.06	-1.689e+04	0.0	-626.25	6831.70	-86.06	6318.32	2.328e+04	-3.217e+05
		-1.344e+06	-3.128e+04	-0.05	0.0	632.8	-626.25	-1.006e+04	-86.06	6318.32	-3.128e+04	-1.344e+06
42	34	5.218e+05	2.465e+04	0.10	-1.689e+04	0.0	-365.25	7362.55	-94.58	-1.112e+04	2.465e+04	-4.933e+05
		-1.180e+06	-3.526e+04	-0.04	0.0	632.8	-365.25	-9530.12	-94.58	-1.112e+04	-3.526e+04	-1.180e+06
42	50	5.472e+05	2.262e+04	0.06	-1.689e+04	0.0	-677.70	6828.00	-83.27	5284.29	2.262e+04	-3.213e+05
		-1.346e+06	-3.018e+04	-0.05	0.0	632.8	-677.70	-1.006e+04	-83.27	5284.29	-3.018e+04	-1.346e+06
42	53	4.968e+05	1.733e+04	0.12	-1.689e+04	0.0	1912.07	9031.14	34.52	-7844.69	-4628.85	-1.026e+06
		-1.026e+06	-4628.85	-0.03	0.0	632.8	1912.07	-7861.53	34.52	-7844.69	1.733e+04	-6.571e+05
42	54	5.477e+05	2.328e+04	0.06	-1.689e+04	0.0	-626.25	6831.70	-86.06	6318.32	2.328e+04	-3.217e+05
		-1.344e+06	-3.128e+04	-0.05	0.0	632.8	-626.25	-1.006e+04	-86.06	6318.32	-3.128e+04	-1.344e+06
42	66	5.218e+05	2.465e+04	0.10	-1.689e+04	0.0	-365.25	7362.55	-94.58	-1.112e+04	2.465e+04	-4.933e+05
		-1.180e+06	-3.526e+04	-0.04	0.0	632.8	-365.25	-9530.12	-94.58	-1.112e+04	-3.526e+04	-1.180e+06
42	74	4.986e+05	8997.67	0.09	-1.689e+04	0.0	617.19	7929.57	-24.37	-1280.20	8997.67	-6.739e+05
		-1.002e+06	-6425.50	-0.04	0.0	632.8	617.19	-8963.10	-24.37	-1280.20	-6425.50	-1.002e+06
42	75	4.986e+05	8997.67	0.09	-1.689e+04	0.0	617.19	7929.57	-24.37	-1280.20	8997.67	-6.739e+05
		-1.002e+06	-6425.50	-0.04	0.0	632.8	617.19	-8963.10	-24.37	-1280.20	-6425.50	-1.002e+06
42	76	4.986e+05	8997.67	0.09	-1.689e+04	0.0	617.19	7929.57	-24.37	-1280.20	8997.67	-6.739e+05
		-1.002e+06	-6425.50	-0.04	0.0	632.8	617.19	-8963.10	-24.37	-1280.20	-6425.50	-1.002e+06
46	1	1.141e+04	8182.92	-0.02	-721.50	0.0	-1013.17	422.33	-39.97	-1453.30	8182.92	-3.426e+04
		-3.426e+04	-6605.20	-0.03	0.0	370.0	-1013.17	-299.17	-39.97	-1453.30	-6605.20	-1.147e+04
46	2	8721.76	6611.38	-0.01	-555.00	0.0	-768.64	326.29	-31.82	-1108.13	6611.38	-2.670e+04
		-2.670e+04	-5163.40	-0.02	0.0	370.0	-768.64	-228.71	-31.82	-1108.13	-5163.40	-8648.46
46	3	1.233e+04	4357.79	-0.03	-721.50	0.0	-1369.48	411.21	-28.46	-1530.60	4357.79	-3.102e+04
		-3.102e+04	-6172.04	-0.04	0.0	370.0	-1369.48	-310.29	-28.46	-1530.60	-6172.04	-1.235e+04
46	7	8854.69	5840.77	-0.02	-555.00	0.0	-788.99	323.83	-29.16	-1117.99	5840.77	-2.605e+04
		-2.605e+04	-4947.46	-0.02	0.0	370.0	-788.99	-231.17	-29.16	-1117.99	-4947.46	-8913.96
46	8	9467.77	3290.69	-0.03	-555.00	0.0	-1026.53	316.41	-21.48	-1169.52	3290.69	-2.390e+04
		-2.390e+04	-4658.68	-0.03	0.0	370.0	-1026.53	-238.59	-21.48	-1169.52	-4658.68	-9500.71
46	18	8218.18	1.578e+04	-0.01	-555.00	0.0	-1308.31	229.85	-84.87	-3047.53	1.578e+04	-9280.12
		-2.704e+04	-9258.09	-0.02	0.0	370.0	-1308.31	-325.15	-84.87	-3047.53	-9258.09	-2.704e+04

46	21	1.537e+04	475.84	-0.04	-555.00	0.0	-363.59	406.89	40.07	783.15	-7986.04	-3.988e+04
		-3.988e+04	-7986.04	-0.02	0.0	370.0	-363.59	-148.11	40.07	783.15	475.84	8119.42
46	31	2.056e+04	-957.52	0.03	-555.00	0.0	-696.85	459.30	12.03	-2500.86	-957.52	-4.972e+04
		-4.972e+04	-1.980e+04	0.01	0.0	370.0	-696.85	-95.70	12.03	-2500.86	-1.980e+04	1.752e+04
46	41	2.546e+04	-4536.07	-0.02	-555.00	0.0	-573.24	489.75	25.40	-1064.20	-4536.07	-5.452e+04
		-5.452e+04	-1.331e+04	-0.08	0.0	370.0	-573.24	-65.25	25.40	-1064.20	-1.331e+04	2.405e+04
46	50	8218.18	1.578e+04	-0.01	-555.00	0.0	-1308.31	229.85	-84.87	-3047.53	1.578e+04	-9280.12
		-2.704e+04	-9258.09	-0.02	0.0	370.0	-1308.31	-325.15	-84.87	-3047.53	-9258.09	-2.704e+04
46	53	1.537e+04	475.84	-0.04	-555.00	0.0	-363.59	406.89	40.07	783.15	-7986.04	-3.988e+04
		-3.988e+04	-7986.04	-0.02	0.0	370.0	-363.59	-148.11	40.07	783.15	475.84	8119.42
46	63	2.056e+04	-957.52	0.03	-555.00	0.0	-696.85	459.30	12.03	-2500.86	-957.52	-4.972e+04
		-4.972e+04	-1.980e+04	0.01	0.0	370.0	-696.85	-95.70	12.03	-2500.86	-1.980e+04	1.752e+04
46	73	2.546e+04	-4536.07	-0.02	-555.00	0.0	-573.24	489.75	25.40	-1064.20	-4536.07	-5.452e+04
		-5.452e+04	-1.331e+04	-0.08	0.0	370.0	-573.24	-65.25	25.40	-1064.20	-1.331e+04	2.405e+04
46	74	9192.10	3897.16	-0.02	-555.00	0.0	-835.95	318.37	-22.40	-1132.19	3897.16	-2.458e+04
		-2.458e+04	-4391.12	-0.02	0.0	370.0	-835.95	-236.63	-22.40	-1132.19	-4391.12	-9459.63
46	75	9192.10	3897.16	-0.02	-555.00	0.0	-835.95	318.37	-22.40	-1132.19	3897.16	-2.458e+04
		-2.458e+04	-4391.12	-0.02	0.0	370.0	-835.95	-236.63	-22.40	-1132.19	-4391.12	-9459.63
46	76	9192.10	3897.16	-0.02	-555.00	0.0	-835.95	318.37	-22.40	-1132.19	3897.16	-2.458e+04
		-2.458e+04	-4391.12	-0.02	0.0	370.0	-835.95	-236.63	-22.40	-1132.19	-4391.12	-9459.63
47	1	1.237e+05	1.305e+04	0.08	-6623.01	0.0	-1424.40	3201.77	120.96	-477.36	-1.780e+04	-7.343e+04
		-1.014e+05	-1.780e+04	-0.03	0.0	255.0	-1424.40	-3421.23	120.96	-477.36	1.305e+04	-1.014e+05
47	2	9.632e+04	9862.93	0.06	-5254.29	0.0	-1092.54	2554.17	90.98	-255.78	-1.334e+04	-6.185e+04
		-8.046e+04	-1.334e+04	-0.02	0.0	255.0	-1092.54	-2700.12	90.98	-255.78	9862.93	-8.046e+04
47	3	1.191e+05	1.803e+04	0.06	-5207.75	0.0	-1770.26	2468.55	170.88	-2727.87	-2.554e+04	-2.964e+04
		-6.415e+04	-2.554e+04	-0.04	0.0	255.0	-1770.26	-2739.20	170.88	-2727.87	1.803e+04	-6.415e+04
47	7	9.364e+04	1.021e+04	0.06	-4876.89	0.0	-1098.52	2340.82	95.19	-514.70	-1.406e+04	-4.937e+04
		-7.426e+04	-1.406e+04	-0.02	0.0	255.0	-1098.52	-2536.07	95.19	-514.70	1.021e+04	-7.426e+04
47	8	9.058e+04	1.353e+04	0.05	-3933.38	0.0	-1329.09	1852.00	128.47	-2015.04	-1.923e+04	-2.018e+04
		-4.942e+04	-1.923e+04	-0.03	0.0	255.0	-1329.09	-2081.38	128.47	-2015.04	1.353e+04	-4.942e+04
47	13	1.417e+05	7075.16	0.06	-3933.38	0.0	-627.18	2601.92	67.80	-3557.59	-1.020e+04	-7.815e+04
		-7.815e+04	-1.020e+04	-0.02	0.0	255.0	-627.18	-1331.46	67.80	-3557.59	7075.16	8.493e+04
47	18	7.703e+04	1.878e+04	0.04	-3933.38	0.0	-1749.73	1002.19	181.57	3619.53	-2.754e+04	4.483e+04
		-2.025e+05	-2.754e+04	-0.02	0.0	255.0	-1749.73	-2931.20	181.57	3619.53	1.878e+04	-2.025e+05
47	19	7.343e+04	3.659e+04	0.04	-3933.38	0.0	-2277.98	1232.24	376.66	1.618e+04	-5.948e+04	2.436e+04
		-1.634e+05	-5.948e+04	-0.03	0.0	255.0	-2277.98	-2701.14	376.66	1.618e+04	3.659e+04	-1.634e+05
47	20	1.237e+05	2.791e+04	0.06	-3933.38	0.0	53.36	2386.39	-166.30	-1.850e+04	2.791e+04	-6.098e+04
		-6.098e+04	-1.452e+04	-0.01	0.0	255.0	53.36	-1547.00	-166.30	-1.850e+04	-1.452e+04	4.651e+04
47	39	8.788e+04	4.840e+04	0.05	-3933.38	0.0	-1689.63	1834.54	510.63	2.201e+04	-8.182e+04	-2.297e+04
		-5.202e+04	-8.182e+04	-0.06	0.0	255.0	-1689.63	-2098.85	510.63	2.201e+04	4.840e+04	-5.202e+04
47	40	8.736e+04	5.025e+04	0.05	-3933.38	0.0	-534.98	1784.09	-300.27	-2.433e+04	5.025e+04	-1.365e+04
		-6.487e+04	-2.633e+04	9.93e-03	0.0	255.0	-534.98	-2149.29	-300.27	-2.433e+04	-2.633e+04	-6.487e+04
47	45	1.417e+05	7075.16	0.06	-3933.38	0.0	-627.18	2601.92	67.80	-3557.59	-1.020e+04	-7.815e+04
		-7.815e+04	-1.020e+04	-0.02	0.0	255.0	-627.18	-1331.46	67.80	-3557.59	7075.16	8.493e+04
47	50	7.703e+04	1.878e+04	0.04	-3933.38	0.0	-1749.73	1002.19	181.57	3619.53	-2.754e+04	4.483e+04
		-2.025e+05	-2.754e+04	-0.02	0.0	255.0	-1749.73	-2931.20	181.57	3619.53	1.878e+04	-2.025e+05
47	51	7.343e+04	3.659e+04	0.04	-3933.38	0.0	-2277.98	1232.24	376.66	1.618e+04	-5.948e+04	2.436e+04
		-1.634e+05	-5.948e+04	-0.03	0.0	255.0	-2277.98	-2701.14	376.66	1.618e+04	3.659e+04	-1.634e+05
47	52	1.237e+05	2.791e+04	0.06	-3933.38	0.0	53.36	2386.39	-166.30	-1.850e+04	2.791e+04	-6.098e+04
		-6.098e+04	-1.452e+04	-0.01	0.0	255.0	53.36	-1547.00	-166.30	-1.850e+04	-1.452e+04	4.651e+04
47	71	8.788e+04	4.840e+04	0.05	-3933.38	0.0	-1689.63	1834.54	510.63	2.201e+04	-8.182e+04	-2.297e+04
		-5.202e+04	-8.182e+04	-0.06	0.0	255.0	-1689.63	-2098.85	510.63	2.201e+04	4.840e+04	-5.202e+04
47	72	8.736e+04	5.025e+04	0.05	-3933.38	0.0	-534.98	1784.09	-300.27	-2.433e+04	5.025e+04	-1.365e+04
		-6.487e+04	-2.633e+04	9.93e-03	0.0	255.0	-534.98	-2149.29	-300.27	-2.433e+04	-2.633e+04	-6.487e+04
47	74	8.755e+04	1.104e+04	0.05	-3933.38	0.0	-1112.31	1809.31	105.18	-1158.54	-1.578e+04	-1.831e+04
		-5.844e+04	-1.578e+04	-0.02	0.0	255.0	-1112.31	-2124.07	105.18	-1158.54	1.104e+04	-5.844e+04
47	75	8.755e+04	1.104e+04	0.05	-3933.38	0.0	-1112.31	1809.31	105.18	-1158.54	-1.578e+04	-1.831e+04
		-5.844e+04	-1.578e+04	-0.02	0.0	255.0	-1112.31	-2124.07	105.18	-1158.54	1.104e+04	-5.844e+04
47	76	8.755e+04	1.104e+04	0.05	-3933.38	0.0	-1112.31	1809.31	105.18	-1158.54	-1.578e+04	-1.831e+04
		-5.844e+04	-1.578e+04	-0.02	0.0	255.0	-1112.31	-2124.07	105.18	-1158.54	1.104e+04	-5.844e+04
49	1	1.026e+06	1.781e+04	0.20	-1.773e+04	0.0	-3154.91	9184.51	-30.60	-1.419e+04	1.781e+04	-4.766e+05
		-4.766e+05	-1535.55	-0.05	0.0	632.4	-3154.91	-8548.59	-30.60	-1.419e+04	-1535.55	-2.755e+05
49	2	8.127e+05	1.373e+04	0.16	-1.408e+04	0.0	-2413.08	7303.64	-23.49	-1.066e+04	1.373e+04	-3.837e+05
		-3.837e+05	-1131.86	-0.04	0.0	632.4	-2413.08	-6775.97	-23.49	-1.066e+04	-1131.86	-2.168e+05
49	3	8.776e+05	2.188e+04	0.18	-1.384e+04	0.0	-4073.85	6752.25	-39.13	-1.941e+04	2.188e+04	-1.630e+05
		-2.704e+05	-2858.29	-0.08	0.0	632.4	-4073.85	-7091.81	-39.13	-1.941e+04	-2858.29	-2.704e+05
49	7	7.585e+05	1.361e+04	0.15	-1.304e+04	0.0	-2428.99	6730.64	-23.48	-1.122e+04	1.361e+04	-3.386e+05
		-3.386e+05	-1239.26	-0.04	0.0	632.4	-2428.99	-6311.89	-23.48	-1.122e+04	-1239.26	-2.062e+05
49	8	6.598e+05	1.632e+04	0.13	-1.045e+04	0.0	-3041.63	5109.13	-29.16	-1.470e+04	1.632e+04	-1.296e+05
		-2.028e+05	-2121.09	-0.06	0.0	632.4	-3041.63	-5340.71	-29.16	-1.470e+04	-2121.09	-2.028e+05
49	22	7.555e+05	3.476e+04	0.10	-1.045e+04	0.0	-3524.05	4701.68	-63.64	-2609.03	3.476e+04	-3.837e+05
		-2.439e+05	3271.12	-0.05	0.0	632.4	-3524.05	-5748.16	-63.64	-2609.03	3271.12	-2.439e+05
49	23	7.818e+05	3.157e+04	-0.09	-1.045e+04	0.0	-3316.48	4590.52	-58.77	-6439.16	3.157e+04	1.444e+05
		-2.572e+05	2289.97	-0.05	0.0	632.4	-3316.48	-5859.32	-58.77	-6439.16	2289.97	-2.572e+05
49	24	4.970e+05	52030.71	0.17	-1.045e+04	0.0	-1594.95	5991.66	12.06	-1.875e+04	-5030.71	-5.891e+05
		-5.891e+05	-5291.05	-0.04	0.0	632.4	-1594.95	-4458.18	12.06	-1.875e+04	-5291.05	-1.037e+05
49	25	5.145e+05	-6272.21	0.15	-1.045e+04	0.0	-1387.38	5880.49	16.93	-2.258e+04	-8221.53	-5.320e+05

		-5.320e+05	-8221.53	-0.04	0.0	632.4	-1387.38	-4569.35	16.93	-2.258e+04	-6272.21	-1.171e+05
49	54	7.555e+05	3.476e+04	0.10	-1.045e+04	0.0	-3524.05	4701.68	-63.64	-2609.03	3.476e+04	8.734e+04
		-2.439e+05	3271.12	-0.05	0.0	632.4	-3524.05	-5748.16	-63.64	-2609.03	3271.12	-2.439e+05
49	55	7.818e+05	3.157e+04	-0.09	-1.045e+04	0.0	-3316.48	4590.52	-58.77	-6439.16	3.157e+04	1.444e+05
		-2.572e+05	2289.97	-0.05	0.0	632.4	-3316.48	-5859.32	-58.77	-6439.16	2289.97	-2.572e+05
49	56	4.970e+05	-5030.71	0.17	-1.045e+04	0.0	-1594.95	5991.66	12.06	-1.875e+04	-5030.71	-5.891e+05
		-5.891e+05	-5291.05	-0.04	0.0	632.4	-1594.95	-4458.18	12.06	-1.875e+04	-5291.05	-1.037e+05
49	57	5.145e+05	-6272.21	0.15	-1.045e+04	0.0	-1387.38	5880.49	16.93	-2.258e+04	-8221.53	-5.320e+05
		-5.320e+05	-8221.53	-0.04	0.0	632.4	-1387.38	-4569.35	16.93	-2.258e+04	-6272.21	-1.171e+05
49	74	6.246e+05	1.327e+04	0.12	-1.045e+04	0.0	-2455.71	5291.09	-23.35	-1.260e+04	1.327e+04	-2.223e+05
		-2.223e+05	-1500.54	-0.05	0.0	632.4	-2455.71	-5158.75	-23.35	-1.260e+04	-1500.54	-1.805e+05
49	75	6.246e+05	1.327e+04	0.12	-1.045e+04	0.0	-2455.71	5291.09	-23.35	-1.260e+04	1.327e+04	-2.223e+05
		-2.223e+05	-1500.54	-0.05	0.0	632.4	-2455.71	-5158.75	-23.35	-1.260e+04	-1500.54	-1.805e+05
49	76	6.246e+05	1.327e+04	0.12	-1.045e+04	0.0	-2455.71	5291.09	-23.35	-1.260e+04	1.327e+04	-2.223e+05
		-2.223e+05	-1500.54	-0.05	0.0	632.4	-2455.71	-5158.75	-23.35	-1.260e+04	-1500.54	-1.805e+05
50	1	2.993e+04	1.655e+04	0.03	-1598.97	0.0	1181.04	760.73	-66.72	-1.531e+04	1.655e+04	-4.407e+04
		-5.996e+04	-1.081e+04	-0.04	0.0	410.0	1181.04	-838.24	-66.72	-2.079e+04	-1.081e+04	-5.996e+04
50	2	2.344e+04	1.297e+04	0.03	-1229.98	0.0	898.03	565.22	-52.62	-1.609e+04	1.297e+04	-2.968e+04
		-5.008e+04	-8605.44	-0.03	0.0	410.0	898.03	-664.76	-52.62	-1.609e+04	-8605.44	-5.008e+04
50	3	3.016e+04	1.773e+04	0.03	-1598.97	0.0	1702.63	800.12	-68.64	-2.564e+04	1.773e+04	-3.179e+04
		-5.192e+04	-1.041e+04	-0.06	0.0	410.0	1702.63	-798.86	-68.64	-2.564e+04	-1.041e+04	-5.166e+04
50	5	3.001e+04	1.455e+04	0.01	-1598.97	0.0	1287.94	871.92	-56.56	-1.996e+04	1.455e+04	-6.736e+04
		-6.736e+04	-8637.24	-0.05	0.0	410.0	1287.94	-727.05	-56.56	-1.996e+04	-8637.24	-3.766e+04
50	7	2.298e+04	1.243e+04	0.02	-1229.98	0.0	925.64	599.06	-49.83	-1.587e+04	1.243e+04	-4.332e+04
		-4.332e+04	-8000.18	-0.03	0.0	410.0	925.64	-630.92	-49.83	-1.587e+04	-8000.18	-4.332e+04
50	8	2.313e+04	1.322e+04	0.02	-1229.98	0.0	1273.36	625.32	-51.11	-1.910e+04	1.322e+04	-4.202e+04
		-4.202e+04	-7738.04	-0.05	0.0	410.0	1273.36	-604.66	-51.11	-1.910e+04	-7738.04	-3.779e+04
50	9	2.315e+04	1.110e+04	7.42e-03	-1229.98	0.0	996.90	673.19	-43.05	-1.531e+04	1.110e+04	-5.232e+04
		-5.232e+04	-6553.01	-0.04	0.0	410.0	996.90	-556.79	-43.05	-1.531e+04	-6553.01	-2.846e+04
50	22	5.748e+04	3.164e+04	0.02	-1229.98	0.0	1767.99	174.85	-117.20	-2.415e+04	3.164e+04	5.246e+04
		-1.280e+05	-1.658e+04	-0.04	0.0	410.0	1767.99	-1055.13	-117.20	-2.415e+04	-1.658e+04	-1.280e+05
50	38	1.381e+05	2.256e+04	-0.01	-1229.98	0.0	2004.59	-230.47	-84.38	-1.586e+04	2.256e+04	1.381e+05
		-2.086e+05	-1.234e+04	-0.04	0.0	410.0	2004.59	-1460.45	-84.38	-1.586e+04	-1.234e+04	-2.086e+05
50	41	1.517e+05	-359.75	0.01	-1229.98	0.0	-10.78	1576.85	-1.73	-1.476e+04	-359.75	-2.427e+05
		-2.427e+05	-763.56	-0.04	0.0	410.0	-10.78	346.87	-1.73	-1.476e+04	-763.56	1.517e+05
50	54	5.748e+04	3.164e+04	0.02	-1229.98	0.0	1767.99	174.85	-117.20	-2.415e+04	3.164e+04	5.246e+04
		-1.280e+05	-1.658e+04	-0.04	0.0	410.0	1767.99	-1055.13	-117.20	-2.415e+04	-1.658e+04	-1.280e+05
50	70	1.381e+05	2.256e+04	-0.01	-1229.98	0.0	2004.59	-230.47	-84.38	-1.586e+04	2.256e+04	1.381e+05
		-2.086e+05	-1.234e+04	-0.04	0.0	410.0	2004.59	-1460.45	-84.38	-1.586e+04	-1.234e+04	-2.086e+05
50	73	1.517e+05	-359.75	0.01	-1229.98	0.0	-10.78	1576.85	-1.73	-1.476e+04	-359.75	-2.427e+05
		-2.427e+05	-763.56	-0.04	0.0	410.0	-10.78	346.87	-1.73	-1.476e+04	-763.56	1.517e+05
50	74	2.315e+04	1.110e+04	7.42e-03	-1229.98	0.0	996.90	673.19	-43.05	-1.531e+04	1.110e+04	-5.232e+04
		-5.232e+04	-6553.01	-0.04	0.0	410.0	996.90	-556.79	-43.05	-1.531e+04	-6553.01	-2.846e+04
50	75	2.315e+04	1.110e+04	7.42e-03	-1229.98	0.0	996.90	673.19	-43.05	-1.531e+04	1.110e+04	-5.232e+04
		-5.232e+04	-6553.01	-0.04	0.0	410.0	996.90	-556.79	-43.05	-1.531e+04	-6553.01	-2.846e+04
50	76	2.315e+04	1.110e+04	7.42e-03	-1229.98	0.0	996.90	673.19	-43.05	-1.531e+04	1.110e+04	-5.232e+04
		-5.232e+04	-6553.01	-0.04	0.0	410.0	996.90	-556.79	-43.05	-1.531e+04	-6553.01	-2.846e+04
51	2	3.470e+04	3185.48	-0.12	-1829.05	0.0	-166.54	913.68	15.73	-10.35	-3185.62	-5.773e+04
		-5.807e+04	-3185.62	-0.05	0.0	405.0	-166.54	-915.37	15.73	-10.35	3185.48	-5.807e+04
51	3	6.171e+04	4931.41	-0.22	-3247.25	0.0	-300.98	1622.78	24.34	-15.27	-4925.94	-1.028e+05
		-1.028e+05	-4925.94	-0.08	0.0	405.0	-300.98	-1624.47	24.34	-15.27	4931.41	-1.028e+05
51	7	3.471e+04	3145.73	-0.12	-1829.05	0.0	-167.53	913.71	15.53	-10.09	-3145.29	-5.772e+04
		-5.805e+04	-3145.29	-0.05	0.0	405.0	-167.53	-915.34	15.53	-10.09	3145.73	-5.805e+04
51	8	4.578e+04	3687.29	-0.16	-2408.71	0.0	-223.47	1203.70	18.20	-11.46	-3683.34	-7.629e+04
		-7.629e+04	-3683.34	-0.06	0.0	405.0	-223.47	-1205.01	18.20	-11.46	3687.29	-7.629e+04
51	11	3.566e+04	1.368e+04	-0.12	-1829.05	0.0	-175.87	923.33	67.64	27.77	-1.371e+04	-5.792e+04
		-5.792e+04	-1.371e+04	-0.13	0.0	405.0	-175.87	-905.72	67.64	27.77	1.368e+04	-5.792e+04
51	22	3.568e+04	9947.79	-0.12	-1829.05	0.0	-178.71	912.21	49.23	-32.75	-9991.54	-5.556e+04
		-5.828e+04	-9991.54	-0.10	0.0	405.0	-178.71	-916.84	49.23	-32.75	9947.79	-5.828e+04
51	23	3.571e+04	7410.47	-0.12	-1829.05	0.0	-176.25	923.52	36.71	-26.95	-7459.55	-5.782e+04
		-5.782e+04	-7459.55	-0.09	0.0	405.0	-176.25	-905.53	36.71	-26.95	7410.47	-5.782e+04
51	25	3.382e+04	3901.86	-0.13	-1829.05	0.0	-161.22	915.39	-19.15	13.56	3901.86	-5.984e+04
		-5.984e+04	-3854.50	-9.34e-03	0.0	405.0	-161.22	-913.66	-19.15	13.56	-3854.50	-5.770e+04
51	36	3.442e+04	4754.91	-0.13	-1829.05	0.0	-171.94	893.74	23.43	-29.51	-4736.03	-5.419e+04
		-6.215e+04	-4736.03	-0.05	0.0	405.0	-171.94	-935.31	23.43	-29.51	4754.91	-6.215e+04
51	43	3.566e+04	1.368e+04	-0.12	-1829.05	0.0	-175.87	923.33	67.64	27.77	-1.371e+04	-5.792e+04
		-5.792e+04	-1.371e+04	-0.13	0.0	405.0	-175.87	-905.72	67.64	27.77	1.368e+04	-5.792e+04
51	54	3.568e+04	9947.79	-0.12	-1829.05	0.0	-178.71	912.21	49.23	-32.75	-9991.54	-5.556e+04
		-5.828e+04	-9991.54	-0.10	0.0	405.0	-178.71	-916.84	49.23	-32.75	9947.79	-5.828e+04
51	55	3.571e+04	7410.47	-0.12	-1829.05	0.0	-176.25	923.52	36.71	-26.95	-7459.55	-5.782e+04
		-5.782e+04	-7459.55	-0.09	0.0	405.0	-176.25	-905.53	36.71	-26.95	7410.47	-5.782e+04
51	57	3.382e+04	3901.86	-0.13	-1829.05	0.0	-161.22	915.39	-19.15	13.56	3901.86	-5.984e+04
		-5.984e+04	-3854.50	-9.34e-03	0.0	405.0	-161.22	-913.66	-19.15	13.56	-3854.50	-5.770e+04
51	68	3.442e+04	4754.91	-0.13	-1829.05	0.0	-171.94	893.74	23.43	-29.51	-4736.03	-5.419e+04
		-6.215e+04	-4736.03	-0.05	0.0	405.0	-171.94	-935.31	23.43	-29.51	4754.91	-6.215e+04
51	74	3.475e+04	3046.64	-0.12	-1829.05	0.0	-169.97	913.80	15.04	-9.59	-3044.84	-5.770e+04
		-5.799e+04	-3044.84	-0.05	0.0	405.0	-169.97	-915.25	15.04	-9.59	3046.64	-5.799e+04

51	75	3.475e+04	3046.64	-0.12	-1829.05	0.0	-169.97	913.80	15.04	-9.59	-3044.84	-5.770e+04
		-5.799e+04	-3044.84	-0.05	0.0	405.0	-169.97	-915.25	15.04	-9.59	3046.64	-5.799e+04
51	76	3.475e+04	3046.64	-0.12	-1829.05	0.0	-169.97	913.80	15.04	-9.59	-3044.84	-5.770e+04
		-5.799e+04	-3044.84	-0.05	0.0	405.0	-169.97	-915.25	15.04	-9.59	3046.64	-5.799e+04
52	2	2.987e+04	2495.13	0.14	-1829.05	0.0	-154.96	889.04	12.18	-27.06	-2437.50	-5.757e+04
		-6.789e+04	-2437.50	-0.03	0.0	405.0	-154.96	-940.01	12.18	-27.06	2495.13	-6.789e+04
52	3	5.319e+04	3436.43	0.26	-3247.25	0.0	-279.07	1577.55	16.68	-41.40	-3320.64	-1.019e+05
		-1.205e+05	-3320.64	-0.04	0.0	405.0	-279.07	-1669.70	16.68	-41.40	3436.43	-1.205e+05
52	7	2.988e+04	2416.98	0.14	-1829.05	0.0	-155.61	888.89	11.79	-26.65	-2357.12	-5.753e+04
		-6.791e+04	-2357.12	-0.03	0.0	405.0	-155.61	-940.16	11.79	-26.65	2416.98	-6.791e+04
52	8	3.945e+04	2576.04	0.19	-2408.71	0.0	-207.12	1170.14	12.51	-30.99	-2489.83	-7.556e+04
		-8.942e+04	-2489.83	-0.03	0.0	405.0	-207.12	-1238.57	12.51	-30.99	2576.04	-8.942e+04
52	11	2.930e+04	1.321e+04	0.16	-1829.05	0.0	-143.18	887.58	65.02	13.41	-1.312e+04	-5.772e+04
		-6.886e+04	-1.312e+04	-0.10	0.0	405.0	-143.18	-941.47	65.02	13.41	1.321e+04	-6.886e+04
52	24	3.078e+04	4338.67	0.13	-1829.05	0.0	-176.06	891.69	-21.19	-62.34	4338.67	-5.731e+04
		-6.633e+04	-4244.92	0.06	0.0	405.0	-176.06	-937.36	-21.19	-62.34	-4244.92	-6.633e+04
52	30	2.968e+04	3894.48	0.15	-1829.05	0.0	-170.87	868.30	-19.04	-26.19	3894.48	-5.347e+04
		-7.236e+04	-3815.68	-0.06	0.0	405.0	-170.87	-960.75	-19.04	-26.19	-3815.68	-7.236e+04
52	39	2.954e+04	412.01	0.15	-1829.05	0.0	-132.51	903.39	1.89	-6.70	-354.79	-6.084e+04
		-6.526e+04	-354.79	-0.06	0.0	405.0	-132.51	-925.66	1.89	-6.70	412.01	-6.526e+04
52	40	3.026e+04	4039.36	0.14	-1829.05	0.0	-181.93	873.64	19.77	-44.74	-3966.03	-5.402e+04
		-7.066e+04	-3966.03	9.05e-03	0.0	405.0	-181.93	-955.41	19.77	-44.74	4039.36	-7.066e+04
52	43	2.930e+04	1.321e+04	0.16	-1829.05	0.0	-143.18	887.58	65.02	13.41	-1.312e+04	-5.772e+04
		-6.886e+04	-1.312e+04	-0.10	0.0	405.0	-143.18	-941.47	65.02	13.41	1.321e+04	-6.886e+04
52	56	3.078e+04	4338.67	0.13	-1829.05	0.0	-176.06	891.69	-21.19	-62.34	4338.67	-5.731e+04
		-6.633e+04	-4244.92	0.06	0.0	405.0	-176.06	-937.36	-21.19	-62.34	-4244.92	-6.633e+04
52	62	2.968e+04	3894.48	0.15	-1829.05	0.0	-170.87	868.30	-19.04	-26.19	3894.48	-5.347e+04
		-7.236e+04	-3815.68	-0.06	0.0	405.0	-170.87	-960.75	-19.04	-26.19	-3815.68	-7.236e+04
52	71	2.954e+04	412.01	0.15	-1829.05	0.0	-132.51	903.39	1.89	-6.70	-354.79	-6.084e+04
		-6.526e+04	-354.79	-0.06	0.0	405.0	-132.51	-925.66	1.89	-6.70	412.01	-6.526e+04
52	72	3.026e+04	4039.36	0.14	-1829.05	0.0	-181.93	873.64	19.77	-44.74	-3966.03	-5.402e+04
		-7.066e+04	-3966.03	9.05e-03	0.0	405.0	-181.93	-955.41	19.77	-44.74	4039.36	-7.066e+04
52	74	2.990e+04	2225.69	0.15	-1829.05	0.0	-157.22	888.51	10.83	-25.72	-2160.41	-5.743e+04
		-6.796e+04	-2160.41	-0.03	0.0	405.0	-157.22	-940.54	10.83	-25.72	2225.69	-6.796e+04
52	75	2.990e+04	2225.69	0.15	-1829.05	0.0	-157.22	888.51	10.83	-25.72	-2160.41	-5.743e+04
		-6.796e+04	-2160.41	-0.03	0.0	405.0	-157.22	-940.54	10.83	-25.72	2225.69	-6.796e+04
52	76	2.990e+04	2225.69	0.15	-1829.05	0.0	-157.22	888.51	10.83	-25.72	-2160.41	-5.743e+04
		-6.796e+04	-2160.41	-0.03	0.0	405.0	-157.22	-940.54	10.83	-25.72	2225.69	-6.796e+04
54	2	3.261e+04	-2.283e+04	0.03	-105.34	0.0	-5602.90	-289.13	18.78	6718.08	-2.569e+04	3.261e+04
		-1.950e+04	-2.569e+04	9.76e-03	0.0	152.5	-5641.54	-394.47	18.78	6718.08	-2.283e+04	-1.950e+04
54	3	5.216e+04	-3.837e+04	0.05	-136.94	0.0	-9429.78	-585.92	46.05	1.255e+04	-4.539e+04	5.216e+04
		-4.760e+04	-4.539e+04	0.02	0.0	152.5	-9480.01	-722.86	46.05	1.255e+04	-3.837e+04	-4.760e+04
54	6	3.388e+04	-2.234e+04	0.03	-105.34	0.0	-5667.59	-270.50	22.69	6929.54	-2.579e+04	3.388e+04
		-1.539e+04	-2.579e+04	9.26e-03	0.0	152.5	-5706.23	-375.84	22.69	6929.54	-2.234e+04	-1.539e+04
54	7	3.298e+04	-2.269e+04	0.03	-105.34	0.0	-5621.40	-283.77	19.86	6778.70	-2.571e+04	3.298e+04
		-1.831e+04	-2.571e+04	9.65e-03	0.0	152.5	-5660.04	-389.11	19.86	6778.70	-2.269e+04	-1.831e+04
54	8	3.932e+04	-2.854e+04	0.04	-105.34	0.0	-7043.83	-426.23	33.84	9293.93	-3.370e+04	3.932e+04
		-3.369e+04	-3.370e+04	0.01	0.0	152.5	-7082.47	-531.57	33.84	9293.93	-2.854e+04	-3.369e+04
54	9	3.382e+04	-2.236e+04	0.03	-105.34	0.0	-5664.53	-271.35	22.48	6919.67	-2.578e+04	3.382e+04
		-1.557e+04	-2.578e+04	9.31e-03	0.0	152.5	-5703.17	-376.69	22.48	6919.67	-2.236e+04	-1.557e+04
54	11	-7.279e+04	-1.912e+04	-0.02	-105.34	0.0	-6445.18	-494.56	106.92	7191.42	-4.541e+04	-7.279e+04
		-1.717e+05	-4.541e+04	-0.06	0.0	152.5	-6483.82	-599.90	106.92	7191.42	-1.912e+04	-1.717e+05
54	12	1.425e+05	-6158.92	0.07	-105.34	0.0	-4883.87	-48.13	-61.97	6647.93	-6158.92	1.404e+05
		1.404e+05	-2.559e+04	0.06	0.0	152.5	-4922.51	-153.47	-61.97	6647.93	-2.559e+04	1.404e+05
54	13	1.576e+05	-7719.27	0.07	-105.34	0.0	-5079.71	-74.30	187.42	6861.98	-2.828e+04	1.576e+05
		1.206e+05	-2.828e+04	-0.06	0.0	152.5	-5118.35	-179.64	187.42	6861.98	-7719.27	1.206e+05
54	27	2.786e+04	5717.55	0.01	-105.34	0.0	-6195.74	-377.99	426.05	7325.85	-6.522e+04	2.786e+04
		-9.265e+04	-6.522e+04	-0.20	0.0	152.5	-6234.38	-483.33	426.05	7325.85	5717.55	-9.265e+04
54	28	6.150e+04	1.365e+04	0.04	-105.34	0.0	-5133.31	-164.70	-381.10	6513.50	1.365e+04	3.978e+04
		3.978e+04	-5.043e+04	0.19	0.0	152.5	-5171.95	-270.04	-381.10	6513.50	-5.043e+04	6.150e+04
54	43	-7.279e+04	-1.912e+04	-0.02	-105.34	0.0	-6445.18	-494.56	106.92	7191.42	-4.541e+04	-7.279e+04
		-1.717e+05	-4.541e+04	-0.06	0.0	152.5	-6483.82	-599.90	106.92	7191.42	-1.912e+04	-1.717e+05
54	44	1.425e+05	-6158.92	0.07	-105.34	0.0	-4883.87	-48.13	-61.97	6647.93	-6158.92	1.404e+05
		1.404e+05	-2.559e+04	0.06	0.0	152.5	-4922.51	-153.47	-61.97	6647.93	-2.559e+04	1.404e+05
54	45	1.576e+05	-7719.27	0.07	-105.34	0.0	-5079.71	-74.30	187.42	6861.98	-2.828e+04	1.576e+05
		1.206e+05	-2.828e+04	-0.06	0.0	152.5	-5118.35	-179.64	187.42	6861.98	-7719.27	1.206e+05
54	59	2.786e+04	5717.55	0.01	-105.34	0.0	-6195.74	-377.99	426.05	7325.85	-6.522e+04	2.786e+04
		-9.265e+04	-6.522e+04	-0.20	0.0	152.5	-6234.38	-483.33	426.05	7325.85	5717.55	-9.265e+04
54	60	6.150e+04	1.365e+04	0.04	-105.34	0.0	-5133.31	-164.70	-381.10	6513.50	1.365e+04	3.978e+04
		3.978e+04	-5.043e+04	0.19	0.0	152.5	-5171.95	-270.04	-381.10	6513.50	-5.043e+04	6.150e+04
54	74	3.382e+04	-2.236e+04	0.03	-105.34	0.0	-5664.53	-271.35	22.48	6919.67	-2.578e+04	3.382e+04
		-1.557e+04	-2.578e+04	9.31e-03	0.0	152.5	-5703.17	-376.69	22.48	6919.67	-2.236e+04	-1.557e+04
54	75	3.382e+04	-2.236e+04	0.03	-105.34	0.0	-5664.53	-271.35	22.48	6919.67	-2.578e+04	3.382e+04
		-1.557e+04	-2.578e+04	9.31e-03	0.0	152.5	-5703.17	-376.69	22.48	6919.67	-2.236e+04	-1.557e+04
54	76	3.382e+04	-2.236e+04	0.03	-105.34	0.0	-5664.53	-271.35	22.48	6919.67	-2.578e+04	3.382e+04
		-1.557e+04	-2.578e+04	9.31e-03	0.0	152.5	-5703.17	-376.69	22.48	6919.67	-2.236e+04	-1.557e+04
55	2	5.670e+04	-1.739e+04	-8.04e-03	-105.34	0.0	-5148.26	66.39	-88.68	-687.10	-1.739e+04	5.369e+04

		5.369e+04	-3.013e+04	0.01	0.0	143.7	-5139.06	-38.95	-88.68	-687.10	-3.013e+04	5.566e+04
55	3	1.032e+05	-3.140e+04	-0.01	-136.94	0.0	-8617.62	110.63	-154.09	-1349.84	-3.140e+04	9.683e+04
		9.683e+04	-5.353e+04	0.02	0.0	143.7	-8605.66	-26.31	-154.09	-1349.84	-5.353e+04	1.029e+05
55	6	5.612e+04	-1.770e+04	-7.53e-03	-105.34	0.0	-5211.57	60.87	-88.35	-743.17	-1.770e+04	5.359e+04
		5.359e+04	-3.039e+04	0.01	0.0	143.7	-5202.37	-44.47	-88.35	-743.17	-3.039e+04	5.477e+04
55	7	5.652e+04	-1.747e+04	-7.90e-03	-105.34	0.0	-5166.44	64.81	-88.61	-703.26	-1.747e+04	5.366e+04
		5.366e+04	-3.020e+04	0.01	0.0	143.7	-5157.24	-40.53	-88.61	-703.26	-3.020e+04	5.540e+04
55	8	7.624e+04	-2.330e+04	-0.01	-105.34	0.0	-6441.52	81.73	-114.49	-1000.33	-2.330e+04	7.169e+04
		7.169e+04	-3.975e+04	0.02	0.0	143.7	-6432.32	-23.61	-114.49	-1000.33	-3.975e+04	7.587e+04
55	9	5.614e+04	-1.768e+04	-7.56e-03	-105.34	0.0	-5208.65	61.13	-88.39	-740.64	-1.768e+04	5.359e+04
		5.359e+04	-3.038e+04	0.01	0.0	143.7	-5199.45	-44.21	-88.39	-740.64	-3.038e+04	5.481e+04
55	11	1.221e+05	-3.348e+04	-3.95e-03	-105.34	0.0	-5080.06	-341.15	-57.87	-30.69	-3.348e+04	1.221e+05
		5.573e+04	-3.519e+04	0.02	0.0	143.7	-5070.86	-446.49	-57.87	-30.69	-3.348e+04	5.573e+04
55	12	5.389e+04	-177.52	-0.01	-105.34	0.0	-5337.24	463.41	-118.91	-1450.60	-177.52	-1.491e+04
		-1.491e+04	-2.728e+04	-3.96e-03	0.0	143.7	-5328.04	358.07	-118.91	-1450.60	-2.728e+04	5.389e+04
55	29	6.114e+04	-4.382e+04	-5.12e-03	-105.34	0.0	-5455.39	312.81	-303.61	-256.15	-4.382e+04	6.114e+04
		5.216e+04	-7.777e+04	0.07	0.0	143.7	-5446.19	207.47	-303.61	-256.15	-7.777e+04	6.114e+04
55	34	5.956e+04	1.621e+04	-8.78e-03	-105.34	0.0	-4948.81	20.49	5.86	-1164.54	1.621e+04	5.956e+04
		4.835e+04	1.578e+04	-0.03	0.0	143.7	-4939.61	-84.85	5.86	-1164.54	1.578e+04	4.835e+04
55	37	6.127e+04	-5.157e+04	-6.35e-03	-105.34	0.0	-5468.49	101.77	-182.64	-316.75	-5.157e+04	4.763e+04
		4.763e+04	-7.654e+04	0.05	0.0	143.7	-5459.29	-3.57	-182.64	-316.75	-7.654e+04	6.127e+04
55	40	4.887e+04	2.191e+04	-0.01	-105.34	0.0	-5040.78	247.52	-38.30	-1453.56	2.191e+04	2.685e+04
		2.685e+04	1.012e+04	-0.03	0.0	143.7	-5031.58	142.18	-38.30	-1453.56	1.012e+04	4.887e+04
55	43	1.221e+05	-3.348e+04	-3.95e-03	-105.34	0.0	-5080.06	-341.15	-57.87	-30.69	-3.348e+04	1.221e+05
		5.573e+04	-3.519e+04	0.02	0.0	143.7	-5070.86	-446.49	-57.87	-30.69	-3.348e+04	5.573e+04
55	44	5.389e+04	-177.52	-0.01	-105.34	0.0	-5337.24	463.41	-118.91	-1450.60	-177.52	-1.491e+04
		-1.491e+04	-2.728e+04	-3.96e-03	0.0	143.7	-5328.04	358.07	-118.91	-1450.60	-2.728e+04	5.389e+04
55	61	6.114e+04	-4.382e+04	-5.12e-03	-105.34	0.0	-5455.39	312.81	-303.61	-256.15	-4.382e+04	6.114e+04
		5.216e+04	-7.777e+04	0.07	0.0	143.7	-5446.19	207.47	-303.61	-256.15	-7.777e+04	6.114e+04
55	66	5.956e+04	1.621e+04	-8.78e-03	-105.34	0.0	-4948.81	20.49	5.86	-1164.54	1.621e+04	5.956e+04
		4.835e+04	1.578e+04	-0.03	0.0	143.7	-4939.61	-84.85	5.86	-1164.54	1.578e+04	4.835e+04
55	69	6.127e+04	-5.157e+04	-6.35e-03	-105.34	0.0	-5468.49	101.77	-182.64	-316.75	-5.157e+04	4.763e+04
		4.763e+04	-7.654e+04	0.05	0.0	143.7	-5459.29	-3.57	-182.64	-316.75	-7.654e+04	6.127e+04
55	72	4.887e+04	2.191e+04	-0.01	-105.34	0.0	-5040.78	247.52	-38.30	-1453.56	2.191e+04	2.685e+04
		2.685e+04	1.012e+04	-0.03	0.0	143.7	-5031.58	142.18	-38.30	-1453.56	1.012e+04	4.887e+04
55	74	5.614e+04	-1.768e+04	-7.56e-03	-105.34	0.0	-5208.65	61.13	-88.39	-740.64	-1.768e+04	5.359e+04
		5.359e+04	-3.038e+04	0.01	0.0	143.7	-5199.45	-44.21	-88.39	-740.64	-3.038e+04	5.481e+04
55	75	5.614e+04	-1.768e+04	-7.56e-03	-105.34	0.0	-5208.65	61.13	-88.39	-740.64	-1.768e+04	5.359e+04
		5.359e+04	-3.038e+04	0.01	0.0	143.7	-5199.45	-44.21	-88.39	-740.64	-3.038e+04	5.481e+04
55	76	5.614e+04	-1.768e+04	-7.56e-03	-105.34	0.0	-5208.65	61.13	-88.39	-740.64	-1.768e+04	5.359e+04
		5.359e+04	-3.038e+04	0.01	0.0	143.7	-5199.45	-44.21	-88.39	-740.64	-3.038e+04	5.481e+04
56	2	1.179e+05	4.027e+05	-0.03	-4502.09	0.0	425.44	2256.65	1578.68	-1.395e+05	-2.445e+05	-1.140e+05
		-1.140e+05	-2.445e+05	-0.20	0.0	410.0	425.44	-2245.44	1578.68	-1.395e+05	4.027e+05	-1.117e+05
56	3	1.633e+05	7.442e+05	-0.04	-6292.82	0.0	861.15	3113.59	2897.65	-1.937e+05	-4.439e+05	-1.525e+05
		-1.659e+05	-4.439e+05	-0.38	0.0	410.0	861.15	-3179.24	2897.65	-1.937e+05	7.442e+05	-1.659e+05
56	5	1.557e+05	5.556e+05	-0.02	-5852.71	0.0	736.57	2680.60	2168.79	-1.691e+05	-3.336e+05	-9.551e+04
		-1.963e+05	-3.336e+05	-0.28	0.0	410.0	736.57	-3172.12	2168.79	-1.691e+05	5.556e+05	-1.963e+05
56	7	1.181e+05	4.105e+05	-0.03	-4502.09	0.0	470.63	2194.45	1606.74	-1.365e+05	-2.483e+05	-1.010e+05
		-1.242e+05	-2.483e+05	-0.21	0.0	410.0	470.63	-2307.63	1606.74	-1.365e+05	4.105e+05	-1.242e+05
56	8	1.246e+05	5.540e+05	-0.03	-4795.49	0.0	653.13	2345.62	2157.61	-1.462e+05	-3.306e+05	-1.105e+05
		-1.318e+05	-3.306e+05	-0.28	0.0	410.0	653.13	-2449.88	2157.61	-1.462e+05	5.540e+05	-1.318e+05
56	9	1.198e+05	4.284e+05	-0.02	-4502.09	0.0	570.08	2056.96	1671.70	-1.297e+05	-2.570e+05	-7.249e+04
		-1.521e+05	-2.570e+05	-0.22	0.0	410.0	570.08	-2445.13	1671.70	-1.297e+05	4.284e+05	-1.521e+05
56	17	1.085e+05	6.043e+05	0.02	-4502.09	0.0	862.22	2086.66	2461.30	-2.364e+05	-4.292e+05	-8.851e+04
		-1.573e+05	-4.292e+05	-0.18	0.0	410.0	862.22	-2415.43	2461.30	-2.364e+05	6.043e+05	-1.573e+05
56	30	2.304e+05	3.548e+05	-0.05	-4502.09	0.0	211.64	1105.81	1300.25	-8.415e+04	-1.690e+05	1.747e+05
		-2.947e+05	-1.690e+05	-0.29	0.0	410.0	211.64	-3396.27	1300.25	-8.415e+04	3.548e+05	-2.947e+05
56	31	9.919e+04	4.462e+05	6.49e-03	-4502.09	0.0	781.03	3169.68	1781.24	-1.225e+05	-2.815e+05	-3.582e+05
		-3.582e+05	-2.815e+05	-0.12	0.0	410.0	781.03	-1332.41	1781.24	-1.225e+05	4.462e+05	-3.582e+05
56	32	2.533e+05	4.105e+05	-0.04	-4502.09	0.0	359.13	944.24	1562.17	-1.369e+05	-2.326e+05	2.133e+05
		-3.228e+05	-2.326e+05	-0.31	0.0	410.0	359.13	-3557.85	1562.17	-1.369e+05	4.105e+05	-3.228e+05
56	33	9.192e+04	5.019e+05	0.02	-4502.09	0.0	928.52	3008.10	2043.16	-1.753e+05	-3.451e+05	-3.196e+05
		-3.196e+05	-3.451e+05	-0.14	0.0	410.0	928.52	-1493.98	2043.16	-1.753e+05	5.019e+05	-3.196e+05
56	49	1.085e+05	6.043e+05	0.02	-4502.09	0.0	862.22	2086.66	2461.30	-2.364e+05	-4.292e+05	-8.851e+04
		-1.573e+05	-4.292e+05	-0.18	0.0	410.0	862.22	-2415.43	2461.30	-2.364e+05	6.043e+05	-1.573e+05
56	62	2.304e+05	3.548e+05	-0.05	-4502.09	0.0	211.64	1105.81	1300.25	-8.415e+04	-1.690e+05	1.747e+05
		-2.947e+05	-1.690e+05	-0.29	0.0	410.0	211.64	-3396.27	1300.25	-8.415e+04	3.548e+05	-2.947e+05
56	63	9.919e+04	4.462e+05	6.49e-03	-4502.09	0.0	781.03	3169.68	1781.24	-1.225e+05	-2.815e+05	-3.582e+05
		-3.582e+05	-2.815e+05	-0.12	0.0	410.0	781.03	-1332.41	1781.24	-1.225e+05	4.462e+05	-3.582e+05
56	64	2.533e+05	4.105e+05	-0.04	-4502.09	0.0	359.13	944.24	1562.17	-1.369e+05	-2.326e+05	2.133e+05
		-3.228e+05	-2.326e+05	-0.31	0.0	410.0	359.13	-3557.85	1562.17	-1.369e+05	4.105e+05	-3.228e+05
56	65	9.192e+04	5.019e+05	0.02	-4502.09	0.0	928.52	3008.10	2043.16	-1.753e+05	-3.451e+05	-3.196e+05
		-3.196e+05	-3.451e+05	-0.14	0.0	410.0	928.52	-1493.98	2043.16	-1.753e+05	5.019e+05	-3.196e+05
56	74	1.198e+05	4.284e+05	-0.02	-4502.09	0.0	570.08	2056.96	1671.70	-1.297e+05	-2.570e+05	-7.249e+04
		-1.521e+05	-2.570e+05	-0.22	0.0	410.0	570.08	-2445.13	1671.70	-1.297e+05	4.284e+05	-1.521e+05
56	75	1.198e+05	4.284e+05	-0.02	-4502.09	0.0	570.08	2056.96	1671.70	-1.297e+05	-2.570e+05	-7.249e+04
		-1.521e+05	-2.570e+05	-0.22	0.0	410.0	570.08	-2445.13	1671.70	-1.297e+05	4.284e+05	-1.521e+05

56	76	1.198e+05	4.284e+05	-0.02	-4502.09	0.0	570.08	2056.96	1671.70	-1.297e+05	-2.570e+05	-7.249e+04
		-1.521e+05	-2.570e+05	-0.22	0.0	410.0	570.08	-2445.13	1671.70	-1.297e+05	4.284e+05	-1.521e+05
57	1	3.127e+04	5178.06	4.95e-03	-294.66	0.0	1713.64	-377.24	-128.91	4219.07	5178.06	3.127e+04
		-8363.06	-940.51	-1.01e-03	0.0	75.6	1713.64	-671.90	-128.91	4219.07	-940.51	-8363.06
57	6	1.802e+04	3560.28	2.09e-03	-226.66	0.0	1072.97	-198.41	-72.85	2127.39	3560.28	1.802e+04
		-5529.74	-122.85	-7.58e-04	0.0	75.6	1072.97	-425.07	-72.85	2127.39	-122.85	-5529.74
57	7	2.301e+04	3907.59	3.51e-03	-226.66	0.0	1275.90	-274.26	-94.53	3049.38	3907.59	2.301e+04
		-6277.53	-618.35	-7.72e-04	0.0	75.6	1275.90	-500.92	-94.53	3049.38	-618.35	-6277.53
57	9	1.848e+04	3596.19	2.22e-03	-226.66	0.0	1090.95	-205.33	-74.95	2215.49	3596.19	1.848e+04
		-5595.64	-169.80	-7.59e-04	0.0	75.6	1090.95	-431.99	-74.95	2215.49	-169.80	-5595.64
57	10	2.088e+04	6072.03	4.57e-04	-226.66	0.0	704.03	-214.62	-84.43	2698.43	6072.03	2.088e+04
		-4184.96	1662.76	-1.42e-03	0.0	75.6	704.03	-441.28	-84.43	2698.43	1662.76	-4184.96
57	19	2.013e+04	1.051e+04	-2.79e-04	-226.66	0.0	544.94	-207.26	-117.06	3858.14	1.051e+04	2.013e+04
		-3484.35	3658.82	-7.57e-04	0.0	75.6	544.94	-433.92	-117.06	3858.14	3658.82	-3484.35
57	20	1.683e+04	-3314.66	4.65e-03	-226.66	0.0	1636.96	-203.40	-32.84	572.84	-3314.66	1.683e+04
		-7706.94	-3998.42	-7.60e-04	0.0	75.6	1636.96	-430.06	-32.84	572.84	-3998.42	-7706.94
57	31	1.786e+04	1.231e+04	5.97e-04	-226.66	0.0	697.57	-194.38	-134.92	4236.25	1.231e+04	1.786e+04
		-3961.15	4048.26	3.24e-04	0.0	75.6	697.57	-421.04	-134.92	4236.25	4048.26	-3961.15
57	32	1.910e+04	-4387.87	3.83e-03	-226.66	0.0	1484.34	-216.28	-14.99	194.73	-5112.72	1.910e+04
		-7230.14	-5112.72	-1.84e-03	0.0	75.6	1484.34	-442.94	-14.99	194.73	-4387.87	-7230.14
57	42	2.088e+04	6072.03	4.57e-04	-226.66	0.0	704.03	-214.62	-84.43	2698.43	6072.03	2.088e+04
		-4184.96	1662.76	-1.42e-03	0.0	75.6	704.03	-441.28	-84.43	2698.43	1662.76	-4184.96
57	51	2.013e+04	1.051e+04	-2.79e-04	-226.66	0.0	544.94	-207.26	-117.06	3858.14	1.051e+04	2.013e+04
		-3484.35	3658.82	-7.57e-04	0.0	75.6	544.94	-433.92	-117.06	3858.14	3658.82	-3484.35
57	52	1.683e+04	-3314.66	4.65e-03	-226.66	0.0	1636.96	-203.40	-32.84	572.84	-3314.66	1.683e+04
		-7706.94	-3998.42	-7.60e-04	0.0	75.6	1636.96	-430.06	-32.84	572.84	-3998.42	-7706.94
57	63	1.786e+04	1.231e+04	5.97e-04	-226.66	0.0	697.57	-194.38	-134.92	4236.25	1.231e+04	1.786e+04
		-3961.15	4048.26	3.24e-04	0.0	75.6	697.57	-421.04	-134.92	4236.25	4048.26	-3961.15
57	64	1.910e+04	-4387.87	3.83e-03	-226.66	0.0	1484.34	-216.28	-14.99	194.73	-5112.72	1.910e+04
		-7230.14	-5112.72	-1.84e-03	0.0	75.6	1484.34	-442.94	-14.99	194.73	-4387.87	-7230.14
57	74	1.848e+04	3596.19	2.22e-03	-226.66	0.0	1090.95	-205.33	-74.95	2215.49	3596.19	1.848e+04
		-5595.64	-169.80	-7.59e-04	0.0	75.6	1090.95	-431.99	-74.95	2215.49	-169.80	-5595.64
57	75	1.848e+04	3596.19	2.22e-03	-226.66	0.0	1090.95	-205.33	-74.95	2215.49	3596.19	1.848e+04
		-5595.64	-169.80	-7.59e-04	0.0	75.6	1090.95	-431.99	-74.95	2215.49	-169.80	-5595.64
57	76	1.848e+04	3596.19	2.22e-03	-226.66	0.0	1090.95	-205.33	-74.95	2215.49	3596.19	1.848e+04
		-5595.64	-169.80	-7.59e-04	0.0	75.6	1090.95	-431.99	-74.95	2215.49	-169.80	-5595.64
60	2	1.147e+05	2.025e+05	-0.02	-4502.09	0.0	109.23	2524.84	-1551.95	1.165e+05	2.025e+05	-1.756e+05
		-1.756e+05	-4.338e+05	0.18	0.0	410.0	109.23	-1977.25	-1551.95	1.165e+05	-4.338e+05	-6.336e+04
60	3	1.604e+05	3.784e+05	-0.02	-6292.82	0.0	440.25	3453.51	-2866.70	1.533e+05	3.784e+05	-2.279e+05
		-2.279e+05	-7.970e+05	0.33	0.0	410.0	440.25	-2839.31	-2866.70	1.533e+05	-7.970e+05	-1.020e+05
60	7	1.136e+05	2.069e+05	-0.01	-4502.09	0.0	167.54	2449.77	-1581.95	1.132e+05	2.069e+05	-1.593e+05
		-1.593e+05	-4.417e+05	0.18	0.0	410.0	167.54	-2052.32	-1581.95	1.132e+05	-4.417e+05	-7.787e+04
60	8	1.217e+05	2.817e+05	-0.01	-4795.49	0.0	339.42	2599.31	-2134.62	1.159e+05	2.817e+05	-1.667e+05
		-1.667e+05	-5.935e+05	0.25	0.0	410.0	339.42	-2196.18	-2134.62	1.159e+05	-5.935e+05	-8.408e+04
60	11	1.150e+05	3.825e+05	0.03	-4502.09	0.0	727.81	2090.24	-2413.63	2.094e+05	3.825e+05	-8.317e+04
		-1.495e+05	-6.303e+05	0.15	0.0	410.0	727.81	-2411.85	-2413.63	2.094e+05	-6.303e+05	-1.495e+05
60	15	1.146e+05	3.851e+05	0.03	-4502.09	0.0	698.37	2085.64	-2417.86	2.113e+05	3.851e+05	-8.271e+04
		-1.509e+05	-6.300e+05	0.17	0.0	410.0	698.37	-2416.45	-2417.86	2.113e+05	-6.300e+05	-1.509e+05
60	27	9.588e+04	3.358e+05	0.03	-4502.09	0.0	792.21	2972.89	-2126.68	1.522e+05	3.358e+05	-3.059e+05
		-3.059e+05	-5.471e+05	0.16	0.0	410.0	792.21	-1529.20	-2126.68	1.522e+05	-5.471e+05	-9922.34
60	28	1.752e+05	9.839e+04	-0.04	-4502.09	0.0	-189.45	1585.02	-1176.72	5.891e+04	9.839e+04	6.133e+04
		-2.117e+05	-3.731e+05	0.22	0.0	410.0	-189.45	-2917.07	-1176.72	5.891e+04	-3.731e+05	-2.117e+05
60	29	1.077e+05	2.501e+05	0.01	-4502.09	0.0	608.13	3234.58	-1718.26	9.295e+04	2.501e+05	-3.680e+05
		-3.680e+05	-4.521e+05	0.18	0.0	410.0	608.13	-1267.51	-1718.26	9.295e+04	-4.521e+05	-3.550e+04
60	40	2.133e+05	1.046e+05	-0.04	-4502.09	0.0	-77.13	1579.33	-1243.28	5.583e+04	1.046e+05	1.180e+05
		-2.117e+05	-3.937e+05	0.15	0.0	410.0	-77.13	-2922.75	-1243.28	5.583e+04	-3.937e+05	-2.117e+05
60	43	1.150e+05	3.825e+05	0.03	-4502.09	0.0	727.81	2090.24	-2413.63	2.094e+05	3.825e+05	-8.317e+04
		-1.495e+05	-6.303e+05	0.15	0.0	410.0	727.81	-2411.85	-2413.63	2.094e+05	-6.303e+05	-1.495e+05
60	47	1.146e+05	3.851e+05	0.03	-4502.09	0.0	698.37	2085.64	-2417.86	2.113e+05	3.851e+05	-8.271e+04
		-1.509e+05	-6.300e+05	0.17	0.0	410.0	698.37	-2416.45	-2417.86	2.113e+05	-6.300e+05	-1.509e+05
60	59	9.588e+04	3.358e+05	0.03	-4502.09	0.0	792.21	2972.89	-2126.68	1.522e+05	3.358e+05	-3.059e+05
		-3.059e+05	-5.471e+05	0.16	0.0	410.0	792.21	-1529.20	-2126.68	1.522e+05	-5.471e+05	-9922.34
60	60	1.752e+05	9.839e+04	-0.04	-4502.09	0.0	-189.45	1585.02	-1176.72	5.891e+04	9.839e+04	6.133e+04
		-2.117e+05	-3.731e+05	0.22	0.0	410.0	-189.45	-2917.07	-1176.72	5.891e+04	-3.731e+05	-2.117e+05
60	61	1.077e+05	2.501e+05	0.01	-4502.09	0.0	608.13	3234.58	-1718.26	9.295e+04	2.501e+05	-3.680e+05
		-3.680e+05	-4.521e+05	0.18	0.0	410.0	608.13	-1267.51	-1718.26	9.295e+04	-4.521e+05	-3.550e+04
60	72	2.133e+05	1.046e+05	-0.04	-4502.09	0.0	-77.13	1579.33	-1243.28	5.583e+04	1.046e+05	1.180e+05
		-2.117e+05	-3.937e+05	0.15	0.0	410.0	-77.13	-2922.75	-1243.28	5.583e+04	-3.937e+05	-2.117e+05
60	74	1.142e+05	2.171e+05	-8.05e-03	-4502.09	0.0	301.38	2278.95	-1651.70	1.056e+05	2.171e+05	-1.223e+05
		-1.223e+05	-4.601e+05	0.19	0.0	410.0	301.38	-2223.14	-1651.70	1.056e+05	-4.601e+05	-1.108e+05
60	75	1.142e+05	2.171e+05	-8.05e-03	-4502.09	0.0	301.38	2278.95	-1651.70	1.056e+05	2.171e+05	-1.223e+05
		-1.223e+05	-4.601e+05	0.19	0.0	410.0	301.38	-2223.14	-1651.70	1.056e+05	-4.601e+05	-1.108e+05
60	76	1.142e+05	2.171e+05	-8.05e-03	-4502.09	0.0	301.38	2278.95	-1651.70	1.056e+05	2.171e+05	-1.223e+05
		-1.223e+05	-4.601e+05	0.19	0.0	410.0	301.38	-2223.14	-1651.70	1.056e+05	-4.601e+05	-1.108e+05
61	2	8.616e+04	2.764e+05	-0.02	-4447.18	0.0	377.23	2419.35	-617.22	-4.930e+04	2.764e+05	-1.801e+05
		-1.801e+05	2.643e+04	-0.07	0.0	405.0	377.23	-2027.83	-617.22	-4.930e+04	2.643e+04	-1.008e+05
61	3	1.121e+05	5.113e+05	-0.03	-6216.08	0.0	929.21	3331.62	-1119.03	-7.970e+04	5.113e+05	-2.486e+05

		-2.486e+05	5.806e+04	-0.13	0.0	405.0	929.21	-2884.46	-1119.03	-7.970e+04	5.806e+04	-1.580e+05
61	7	8.163e+04	2.818e+05	-0.02	-4447.18	0.0	471.47	2391.28	-625.95	-4.936e+04	2.818e+05	-1.782e+05
		-1.782e+05	2.829e+04	-0.07	0.0	405.0	471.47	-2059.90	-625.95	-4.936e+04	2.829e+04	-1.103e+05
61	8	8.399e+04	3.806e+05	-0.02	-4737.01	0.0	715.99	2531.33	-833.10	-5.979e+04	3.806e+05	-1.892e+05
		-1.892e+05	4.323e+04	-0.10	0.0	405.0	715.99	-2205.68	-833.10	-5.979e+04	4.323e+04	-1.232e+05
61	12	8.781e+04	4.487e+05	-4.45e-03	-4447.18	0.0	971.82	1824.41	-1338.31	4.178e+04	4.487e+05	-6.003e+04
		-2.287e+05	2.505e+05	-0.05	0.0	405.0	971.82	-2622.77	-1338.31	4.178e+04	2.505e+05	-2.287e+05
61	14	7.354e+04	1.678e+05	-0.03	-4447.18	0.0	234.98	2214.61	-102.43	-1.621e+05	1.678e+05	-1.532e+05
		-1.532e+05	-2.250e+05	-0.13	0.0	405.0	234.98	-2232.57	-102.43	-1.621e+05	-2.250e+05	-1.500e+05
61	18	1.247e+05	2.098e+05	-0.02	-4447.18	0.0	140.98	2234.11	-1272.66	2.007e+04	2.098e+05	-5.983e+04
		-1.447e+05	-1.683e+05	-0.06	0.0	405.0	140.98	-2213.07	-1272.66	2.007e+04	-1.683e+05	-1.447e+05
61	21	2.947e+04	3.787e+05	-4.78e-03	-4447.18	0.0	1215.45	2431.44	-19.67	-1.193e+05	3.787e+05	-2.899e+05
		-2.899e+05	2.334e+05	-0.10	0.0	405.0	1215.45	-2015.74	-19.67	-1.193e+05	2.334e+05	-1.166e+05
61	30	1.429e+05	3.137e+05	-0.02	-4447.18	0.0	242.41	1342.66	-1060.01	-5.727e+04	3.137e+05	6.930e+04
		-3.143e+05	-8.411e+04	-0.06	0.0	405.0	242.41	-3104.52	-1060.01	-5.727e+04	-8.411e+04	-3.143e+05
61	33	1.038e+05	2.748e+05	-5.09e-03	-4447.18	0.0	1114.01	3322.89	-232.32	-4.197e+04	2.748e+05	-4.190e+05
		-4.190e+05	1.492e+05	-0.09	0.0	405.0	1114.01	-1124.29	-232.32	-4.197e+04	1.492e+05	5.298e+04
61	44	8.781e+04	4.487e+05	-4.45e-03	-4447.18	0.0	971.82	1824.41	-1338.31	4.178e+04	4.487e+05	-6.003e+04
		-2.287e+05	2.505e+05	-0.05	0.0	405.0	971.82	-2622.77	-1338.31	4.178e+04	2.505e+05	-2.287e+05
61	46	7.354e+04	1.678e+05	-0.03	-4447.18	0.0	234.98	2214.61	-102.43	-1.621e+05	1.678e+05	-1.532e+05
		-1.532e+05	-2.250e+05	-0.13	0.0	405.0	234.98	-2232.57	-102.43	-1.621e+05	-2.250e+05	-1.500e+05
61	50	1.247e+05	2.098e+05	-0.02	-4447.18	0.0	140.98	2234.11	-1272.66	2.007e+04	2.098e+05	-5.983e+04
		-1.447e+05	-1.683e+05	-0.06	0.0	405.0	140.98	-2213.07	-1272.66	2.007e+04	-1.683e+05	-1.447e+05
61	53	2.947e+04	3.787e+05	-4.78e-03	-4447.18	0.0	1215.45	2431.44	-19.67	-1.193e+05	3.787e+05	-2.899e+05
		-2.899e+05	2.334e+05	-0.10	0.0	405.0	1215.45	-2015.74	-19.67	-1.193e+05	2.334e+05	-1.166e+05
61	62	1.429e+05	3.137e+05	-0.02	-4447.18	0.0	242.41	1342.66	-1060.01	-5.727e+04	3.137e+05	6.930e+04
		-3.143e+05	-8.411e+04	-0.06	0.0	405.0	242.41	-3104.52	-1060.01	-5.727e+04	-8.411e+04	-3.143e+05
61	65	1.038e+05	2.748e+05	-5.09e-03	-4447.18	0.0	1114.01	3322.89	-232.32	-4.197e+04	2.748e+05	-4.190e+05
		-4.190e+05	1.492e+05	-0.09	0.0	405.0	1114.01	-1124.29	-232.32	-4.197e+04	1.492e+05	5.298e+04
61	74	7.237e+04	2.943e+05	-0.01	-4447.18	0.0	678.21	2332.78	-646.17	-4.962e+04	2.943e+05	-1.749e+05
		-1.749e+05	3.255e+04	-0.08	0.0	405.0	678.21	-2114.40	-646.17	-4.962e+04	3.255e+04	-1.307e+05
61	75	7.237e+04	2.943e+05	-0.01	-4447.18	0.0	678.21	2332.78	-646.17	-4.962e+04	2.943e+05	-1.749e+05
		-1.749e+05	3.255e+04	-0.08	0.0	405.0	678.21	-2114.40	-646.17	-4.962e+04	3.255e+04	-1.307e+05
61	76	7.237e+04	2.943e+05	-0.01	-4447.18	0.0	678.21	2332.78	-646.17	-4.962e+04	2.943e+05	-1.749e+05
		-1.749e+05	3.255e+04	-0.08	0.0	405.0	678.21	-2114.40	-646.17	-4.962e+04	3.255e+04	-1.307e+05
62	2	1.085e+05	-5.712e+04	-4.94e-03	-4447.18	0.0	-276.11	2633.23	705.24	5645.51	-3.427e+05	-2.064e+05
		-2.064e+05	-3.427e+05	0.03	0.0	405.0	-276.11	-1813.95	705.24	5645.51	-5.712e+04	-4.051e+04
62	3	1.456e+05	-1.119e+05	6.31e-03	-6216.08	0.0	71.93	3570.22	1265.81	3395.01	-6.246e+05	-2.695e+05
		-2.695e+05	-6.246e+05	0.05	0.0	405.0	71.93	-2645.86	1265.81	3395.01	-1.119e+05	-8.229e+04
62	5	1.210e+05	-8.437e+04	7.08e-03	-5781.33	0.0	149.04	3250.63	951.82	5252.65	-4.699e+05	-2.491e+05
		-2.491e+05	-8.437e+05	0.04	0.0	405.0	149.04	-2530.70	951.82	5252.65	-8.437e+05	-1.933e+05
62	7	1.036e+05	-5.957e+04	-3.79e-03	-4447.18	0.0	-153.35	2591.24	713.62	5149.51	-3.486e+05	-2.018e+05
		-2.018e+05	-3.486e+05	0.03	0.0	405.0	-153.35	-1855.94	713.62	5149.51	-5.957e+04	-5.291e+04
62	8	1.091e+05	-8.354e+04	5.22e-03	-4737.01	0.0	77.29	2709.32	942.62	2728.94	-4.653e+05	-2.046e+05
		-2.046e+05	-4.653e+05	0.04	0.0	405.0	77.29	-2027.69	942.62	2728.94	-8.354e+04	-6.658e+04
62	9	9.270e+04	-6.518e+04	5.73e-03	-4447.18	0.0	128.70	2496.26	733.29	3967.36	-3.622e+05	-1.910e+05
		-1.910e+05	-3.622e+05	0.03	0.0	405.0	128.70	-1950.92	733.29	3967.36	-6.518e+04	-8.060e+04
62	10	1.037e+05	-2.771e+05	0.02	-4447.18	0.0	420.34	2557.90	1402.20	-1.059e+05	-5.202e+05	-1.949e+05
		-1.949e+05	-5.202e+05	0.03	0.0	405.0	420.34	-1889.28	1402.20	-1.059e+05	-2.771e+05	-5.806e+04
62	16	9.592e+04	1.921e+05	-0.01	-4447.18	0.0	-517.87	1920.39	265.95	9.353e+04	-2.437e+05	-7.130e+04
		-1.956e+05	-2.437e+05	0.04	0.0	405.0	-517.87	-2526.79	265.95	9.353e+04	1.921e+05	-1.956e+05
62	27	1.402e+05	-2.018e+05	0.02	-4447.18	0.0	949.33	3443.26	585.65	4413.43	-3.356e+05	-3.996e+05
		-3.996e+05	-3.356e+05	0.02	0.0	405.0	949.33	-1003.92	585.65	4413.43	-2.018e+05	9.504e+04
62	28	1.259e+05	7.142e+04	-8.14e-03	-4447.18	0.0	-691.92	1549.27	880.93	3521.30	-3.888e+05	1.749e+04
		-2.562e+05	-3.888e+05	0.04	0.0	405.0	-691.92	-2897.91	880.93	3521.30	7.142e+04	-2.562e+05
62	39	1.367e+05	-2.051e+05	0.02	-4447.18	0.0	765.70	3459.81	226.12	6.423e+04	-3.260e+05	-4.079e+05
		-4.079e+05	-3.260e+05	0.08	0.0	405.0	765.70	-987.37	226.12	6.423e+04	-2.051e+05	9.314e+04
62	42	1.037e+05	-2.771e+05	0.02	-4447.18	0.0	420.34	2557.90	1402.20	-1.059e+05	-5.202e+05	-1.949e+05
		-1.949e+05	-5.202e+05	0.03	0.0	405.0	420.34	-1889.28	1402.20	-1.059e+05	-2.771e+05	-5.806e+04
62	48	9.592e+04	1.921e+05	-0.01	-4447.18	0.0	-517.87	1920.39	265.95	9.353e+04	-2.437e+05	-7.130e+04
		-1.956e+05	-2.437e+05	0.04	0.0	405.0	-517.87	-2526.79	265.95	9.353e+04	1.921e+05	-1.956e+05
62	59	1.402e+05	-2.018e+05	0.02	-4447.18	0.0	949.33	3443.26	585.65	4413.43	-3.356e+05	-3.996e+05
		-3.996e+05	-3.356e+05	0.02	0.0	405.0	949.33	-1003.92	585.65	4413.43	-2.018e+05	9.504e+04
62	60	1.259e+05	7.142e+04	-8.14e-03	-4447.18	0.0	-691.92	1549.27	880.93	3521.30	-3.888e+05	1.749e+04
		-2.562e+05	-3.888e+05	0.04	0.0	405.0	-691.92	-2897.91	880.93	3521.30	7.142e+04	-2.562e+05
62	71	1.367e+05	-2.051e+05	0.02	-4447.18	0.0	765.70	3459.81	226.12	6.423e+04	-3.260e+05	-4.079e+05
		-4.079e+05	-3.260e+05	0.08	0.0	405.0	765.70	-987.37	226.12	6.423e+04	-2.051e+05	9.314e+04
62	74	9.270e+04	-6.518e+04	5.73e-03	-4447.18	0.0	128.70	2496.26	733.29	3967.36	-3.622e+05	-1.910e+05
		-1.910e+05	-3.622e+05	0.03	0.0	405.0	128.70	-1950.92	733.29	3967.36	-6.518e+04	-8.060e+04
62	75	9.270e+04	-6.518e+04	5.73e-03	-4447.18	0.0	128.70	2496.26	733.29	3967.36	-3.622e+05	-1.910e+05
		-1.910e+05	-3.622e+05	0.03	0.0	405.0	128.70	-1950.92	733.29	3967.36	-6.518e+04	-8.060e+04
62	76	9.270e+04	-6.518e+04	5.73e-03	-4447.18	0.0	128.70	2496.26	733.29	3967.36	-3.622e+05	-1.910e+05
		-1.910e+05	-3.622e+05	0.03	0.0	405.0	128.70	-1950.92	733.29	3967.36	-6.518e+04	-8.060e+04
65	2	2.551e+04	-1.804e+04	-0.03	-105.34	0.0	-5692.68	412.07	-55.23	-6680.70	-1.804e+04	-2.928e+04
		-2.928e+04	-2.646e+04	0.02	0.0	152.5	-5654.04	306.73	-55.23	-6680.70	-2.646e+04	2.551e+04
65	3	4.129e+04	-3.177e+04	-0.05	-136.94	0.0	-9554.80	750.51	-100.15	-1.250e+04	-3.177e+04	-6.268e+04
		-6.268e+04	-4.703e+04	0.04	0.0	152.5	-9504.57	613.57	-100.15	-1.250e+04	-4.703e+04	4.129e+04

65	7	2.599e+04	-1.806e+04	-0.03	-105.34	0.0	-5709.92	406.49	-55.53	-6742.20	-1.806e+04	-2.795e+04
		-2.795e+04	-2.652e+04	0.02	0.0	152.5	-5671.28	301.15	-55.53	-6742.20	-2.652e+04	2.599e+04
65	8	3.120e+04	-2.360e+04	-0.04	-105.34	0.0	-7138.35	552.22	-74.27	-9255.17	-2.360e+04	-4.495e+04
		-4.495e+04	-3.492e+04	0.03	0.0	152.5	-7099.71	446.88	-74.27	-9255.17	-3.492e+04	3.120e+04
65	10	1.341e+05	-7376.40	-0.06	-105.34	0.0	-4965.58	173.04	-62.98	-6553.56	-1.705e+04	1.309e+05
		1.309e+05	-1.705e+04	-0.04	0.0	152.5	-4926.94	67.70	-62.98	-6553.56	-7376.40	1.330e+05
65	11	1.509e+05	491.61	-0.06	-105.34	0.0	-5122.08	194.83	-270.10	-6731.62	491.61	1.105e+05
		1.105e+05	-2.551e+04	0.07	0.0	152.5	-5083.44	89.49	-270.10	-6731.62	-2.551e+04	1.509e+05
65	13	-7.878e+04	-1.917e+04	5.96e-03	-105.34	0.0	-6534.22	614.05	-49.39	-7216.78	-1.917e+04	-1.806e+05
		-1.806e+05	-4.598e+04	0.07	0.0	152.5	-6495.58	508.71	-49.39	-7216.78	-4.598e+04	-7.878e+04
65	27	9.130e+04	1.408e+04	-0.04	-105.34	0.0	-5798.92	366.97	-434.50	-7109.15	1.408e+04	-1.522e+04
		-1.522e+04	-5.382e+04	0.18	0.0	152.5	-5760.28	261.63	-434.50	-7109.15	-5.382e+04	9.130e+04
65	41	2.448e+04	1.203e+04	-0.02	-105.34	0.0	-6097.51	490.65	-483.76	-7356.97	1.203e+04	-3.045e+04
		-3.045e+04	-6.364e+04	0.20	0.0	152.5	-6058.87	385.31	-483.76	-7356.97	-6.364e+04	2.448e+04
65	42	1.341e+05	-7376.40	-0.06	-105.34	0.0	-4965.58	173.04	-62.98	-6553.56	-1.705e+04	1.309e+05
		1.309e+05	-1.705e+04	-0.04	0.0	152.5	-4926.94	67.70	-62.98	-6553.56	-7376.40	1.330e+05
65	43	1.509e+05	491.61	-0.06	-105.34	0.0	-5122.08	194.83	-270.10	-6731.62	491.61	1.105e+05
		1.105e+05	-2.551e+04	0.07	0.0	152.5	-5083.44	89.49	-270.10	-6731.62	-2.551e+04	1.509e+05
65	45	-7.878e+04	-1.917e+04	5.96e-03	-105.34	0.0	-6534.22	614.05	-49.39	-7216.78	-1.917e+04	-1.806e+05
		-1.806e+05	-4.598e+04	0.07	0.0	152.5	-6495.58	508.71	-49.39	-7216.78	-4.598e+04	-7.878e+04
65	59	9.130e+04	1.408e+04	-0.04	-105.34	0.0	-5798.92	366.97	-434.50	-7109.15	1.408e+04	-1.522e+04
		-1.522e+04	-5.382e+04	0.18	0.0	152.5	-5760.28	261.63	-434.50	-7109.15	-5.382e+04	9.130e+04
65	73	2.448e+04	1.203e+04	-0.02	-105.34	0.0	-6097.51	490.65	-483.76	-7356.97	1.203e+04	-3.045e+04
		-3.045e+04	-6.364e+04	0.20	0.0	152.5	-6058.87	385.31	-483.76	-7356.97	-6.364e+04	2.448e+04
65	74	2.713e+04	-1.811e+04	-0.03	-105.34	0.0	-5749.90	393.55	-56.18	-6885.17	-1.811e+04	-2.483e+04
		-2.483e+04	-2.668e+04	0.02	0.0	152.5	-5711.26	288.21	-56.18	-6885.17	-2.668e+04	2.713e+04
65	75	2.713e+04	-1.811e+04	-0.03	-105.34	0.0	-5749.90	393.55	-56.18	-6885.17	-1.811e+04	-2.483e+04
		-2.483e+04	-2.668e+04	0.02	0.0	152.5	-5711.26	288.21	-56.18	-6885.17	-2.668e+04	2.713e+04
65	76	2.713e+04	-1.811e+04	-0.03	-105.34	0.0	-5749.90	393.55	-56.18	-6885.17	-1.811e+04	-2.483e+04
		-2.483e+04	-2.668e+04	0.02	0.0	152.5	-5711.26	288.21	-56.18	-6885.17	-2.668e+04	2.713e+04
66	2	8.983e+04	5.387e+04	0.01	-105.34	0.0	-6116.86	654.99	591.32	1.462e+04	-5.377e+04	-1.982e+04
		-1.982e+04	-5.377e+04	0.01	0.0	182.0	-6199.66	549.65	591.32	1.462e+04	5.387e+04	8.983e+04
66	3	1.256e+05	9.558e+04	0.02	-136.94	0.0	-1.032e+04	1023.00	1032.61	2.569e+04	-9.240e+04	-4.821e+04
		-4.821e+04	-9.240e+04	0.02	0.0	182.0	-1.043e+04	886.06	1032.61	2.569e+04	9.558e+04	1.256e+05
66	5	1.300e+05	7.140e+04	0.02	-136.94	0.0	-8019.24	897.24	774.54	1.923e+04	-6.960e+04	-2.089e+04
		-2.089e+04	-6.960e+04	0.02	0.0	182.0	-8126.88	760.30	774.54	1.923e+04	7.140e+04	1.300e+05
66	7	9.301e+04	5.419e+04	0.02	-105.34	0.0	-6133.00	665.99	592.61	1.468e+04	-5.370e+04	-1.865e+04
		-1.865e+04	-5.370e+04	0.01	0.0	182.0	-6215.80	560.65	592.61	1.468e+04	5.419e+04	9.301e+04
66	8	9.743e+04	7.111e+04	0.02	-105.34	0.0	-7705.12	775.40	768.23	1.911e+04	-6.874e+04	-3.414e+04
		-3.414e+04	-6.874e+04	0.02	0.0	182.0	-7787.92	670.06	768.23	1.911e+04	7.111e+04	9.743e+04
66	9	1.004e+05	5.500e+04	0.02	-105.34	0.0	-6170.75	691.56	596.19	1.480e+04	-5.354e+04	-1.592e+04
		-1.592e+04	-5.354e+04	0.01	0.0	182.0	-6253.55	586.22	596.19	1.480e+04	5.500e+04	1.004e+05
66	11	-1.293e+04	1.035e+05	-0.06	-105.34	0.0	-7207.37	967.12	910.95	1.554e+04	-6.571e+04	-1.721e+05
		-1.721e+05	-6.571e+04	-0.04	0.0	182.0	-7290.17	861.78	910.95	1.554e+04	1.035e+05	-1.293e+04
66	12	2.137e+05	6492.95	0.09	-105.34	0.0	-5134.14	415.99	281.43	1.407e+04	-4.137e+04	1.402e+05
		1.402e+05	-4.137e+04	0.05	0.0	182.0	-5216.94	310.65	281.43	1.407e+04	6492.95	2.137e+05
66	13	2.242e+05	6.251e+04	0.09	-105.34	0.0	-5376.10	478.40	597.41	1.657e+04	-4.858e+04	1.203e+05
		1.203e+05	-4.858e+04	-0.01	0.0	182.0	-5458.90	373.06	597.41	1.657e+04	6.251e+04	2.242e+05
66	27	8.239e+04	1.545e+05	-9.60e-03	-105.34	0.0	-6848.71	868.87	1169.87	1.883e+04	-6.812e+04	-9.300e+04
		-9.300e+04	-6.812e+04	-0.10	0.0	182.0	-6931.51	763.53	1169.87	1.883e+04	1.545e+05	8.239e+04
66	43	-1.293e+04	1.035e+05	-0.06	-105.34	0.0	-7207.37	967.12	910.95	1.554e+04	-6.571e+04	-1.721e+05
		-1.721e+05	-6.571e+04	-0.04	0.0	182.0	-7290.17	861.78	910.95	1.554e+04	1.035e+05	-1.293e+04
66	44	2.137e+05	6492.95	0.09	-105.34	0.0	-5134.14	415.99	281.43	1.407e+04	-4.137e+04	1.402e+05
		1.402e+05	-4.137e+04	0.05	0.0	182.0	-5216.94	310.65	281.43	1.407e+04	6492.95	2.137e+05
66	45	2.242e+05	6.251e+04	0.09	-105.34	0.0	-5376.10	478.40	597.41	1.657e+04	-4.858e+04	1.203e+05
		1.203e+05	-4.858e+04	-0.01	0.0	182.0	-5458.90	373.06	597.41	1.657e+04	6.251e+04	2.242e+05
66	59	8.239e+04	1.545e+05	-9.60e-03	-105.34	0.0	-6848.71	868.87	1169.87	1.883e+04	-6.812e+04	-9.300e+04
		-9.300e+04	-6.812e+04	-0.10	0.0	182.0	-6931.51	763.53	1169.87	1.883e+04	1.545e+05	8.239e+04
66	74	1.004e+05	5.500e+04	0.02	-105.34	0.0	-6170.75	691.56	596.19	1.480e+04	-5.354e+04	-1.592e+04
		-1.592e+04	-5.354e+04	0.01	0.0	182.0	-6253.55	586.22	596.19	1.480e+04	5.500e+04	1.004e+05
66	75	1.004e+05	5.500e+04	0.02	-105.34	0.0	-6170.75	691.56	596.19	1.480e+04	-5.354e+04	-1.592e+04
		-1.592e+04	-5.354e+04	0.01	0.0	182.0	-6253.55	586.22	596.19	1.480e+04	5.500e+04	1.004e+05
66	76	1.004e+05	5.500e+04	0.02	-105.34	0.0	-6170.75	691.56	596.19	1.480e+04	-5.354e+04	-1.592e+04
		-1.592e+04	-5.354e+04	0.01	0.0	182.0	-6253.55	586.22	596.19	1.480e+04	5.500e+04	1.004e+05
67	1	2.777e+05	6457.88	0.04	-1244.70	0.0	3780.74	-3194.69	-539.64	478.55	6457.88	2.777e+05
		-5.345e+05	-1.084e+05	0.08	0.0	212.8	3780.74	-4439.38	-539.64	478.55	-1.084e+05	-5.345e+05
67	2	2.085e+05	6728.69	0.03	-957.46	0.0	2769.40	-2472.54	-425.43	462.43	6728.69	2.085e+05
		-4.194e+05	-8.379e+04	0.06	0.0	212.8	2769.40	-3430.00	-425.43	462.43	-8.379e+04	-4.194e+05
67	3	4.080e+05	-2.331e+04	0.06	-1244.70	0.0	6388.22	-3580.59	-509.93	7543.24	-2.331e+04	4.080e+05
		-4.863e+05	-1.318e+05	0.09	0.0	212.8	6388.22	-4825.29	-509.93	7543.24	-1.318e+05	-4.863e+05
67	7	2.206e+05	2510.76	0.03	-957.46	0.0	3086.18	-2438.42	-399.02	150.67	2510.76	2.206e+05
		-4.001e+05	-8.239e+04	0.06	0.0	212.8	3086.18	-3395.88	-399.02	150.67	-8.239e+04	-4.001e+05
67	8	3.075e+05	-1.734e+04	0.05	-957.46	0.0	4824.50	-2695.69	-379.21	4860.46	-1.734e+04	3.075e+05
		-3.680e+05	-9.802e+04	0.07	0.0	212.8	4824.50	-3653.15	-379.21	4860.46	-9.802e+04	-3.680e+05
67	18	5.320e+05	9.343e+04	0.02	-957.46	0.0	3142.85	-3716.97	-1121.64	-2.826e+04	9.343e+04	5.320e+05
		-3.642e+05	2.649e+04	-0.04	0.0	212.8	3142.85	-4674.43	-1121.64	-2.826e+04	2.649e+04	-3.642e+05
67	19	4.479e+05	1.415e+05	0.01	-957.46	0.0	2796.03	-3280.77	-1517.29	-1.593e+04	1.415e+05	4.479e+05

		-3.544e+05	-1.003e+04	-0.04	0.0	212.8	2796.03	-4238.23	-1517.29	-1.593e+04	-1.003e+04	-3.544e+05
67	20	5.347e+04	-1.472e+05	0.06	-957.46	0.0	4942.28	-1427.93	854.44	1.454e+04	-1.577e+05	5.347e+04
		-3.498e+05	-1.577e+05	0.15	0.0	212.8	4942.28	-2385.39	854.44	1.454e+04	-1.472e+05	-3.498e+05
67	25	-1.889e+04	-1.108e+05	0.06	-957.46	0.0	4609.35	-1050.40	450.75	2.703e+04	-1.108e+05	-1.889e+04
		-3.406e+05	-1.866e+05	0.16	0.0	212.8	4609.35	-2007.86	450.75	2.703e+04	-1.866e+05	-3.406e+05
67	26	4.579e+05	-3.897e+04	0.04	-957.46	0.0	4590.84	-3402.72	90.51	-1.576e+04	-5.853e+04	4.579e+05
		-3.707e+05	-5.853e+04	0.06	0.0	212.8	4590.84	-4360.18	90.51	-1.576e+04	-3.897e+04	-3.707e+05
67	50	5.320e+05	9.343e+04	0.02	-957.46	0.0	3142.85	-3716.97	-1121.64	-2.826e+04	9.343e+04	5.320e+05
		-3.642e+05	2.649e+04	-0.04	0.0	212.8	3142.85	-4674.43	-1121.64	-2.826e+04	2.649e+04	-3.642e+05
67	51	4.479e+05	1.415e+05	0.01	-957.46	0.0	2796.03	-3280.77	-1517.29	-1.593e+04	1.415e+05	4.479e+05
		-3.544e+05	-1.003e+04	-0.04	0.0	212.8	2796.03	-4238.23	-1517.29	-1.593e+04	-1.003e+04	-3.544e+05
67	52	5.347e+04	-1.472e+05	0.06	-957.46	0.0	4942.28	-1427.93	854.44	1.454e+04	-1.577e+05	5.347e+04
		-3.498e+05	-1.577e+05	0.15	0.0	212.8	4942.28	-2385.39	854.44	1.454e+04	-1.472e+05	-3.498e+05
67	57	-1.889e+04	-1.108e+05	0.06	-957.46	0.0	4609.35	-1050.40	450.75	2.703e+04	-1.108e+05	-1.889e+04
		-3.406e+05	-1.866e+05	0.16	0.0	212.8	4609.35	-2007.86	450.75	2.703e+04	-1.866e+05	-3.406e+05
67	58	4.579e+05	-3.897e+04	0.04	-957.46	0.0	4590.84	-3402.72	90.51	-1.576e+04	-5.853e+04	4.579e+05
		-3.707e+05	-5.853e+04	0.06	0.0	212.8	4590.84	-4360.18	90.51	-1.576e+04	-3.897e+04	-3.707e+05
67	74	2.507e+05	-8077.56	0.04	-957.46	0.0	3869.16	-2354.35	-331.43	-698.55	-8077.56	2.507e+05
		-3.521e+05	-7.859e+04	0.06	0.0	212.8	3869.16	-3311.81	-331.43	-698.55	-7.859e+04	-3.521e+05
67	75	2.507e+05	-8077.56	0.04	-957.46	0.0	3869.16	-2354.35	-331.43	-698.55	-8077.56	2.507e+05
		-3.521e+05	-7.859e+04	0.06	0.0	212.8	3869.16	-3311.81	-331.43	-698.55	-7.859e+04	-3.521e+05
67	76	2.507e+05	-8077.56	0.04	-957.46	0.0	3869.16	-2354.35	-331.43	-698.55	-8077.56	2.507e+05
		-3.521e+05	-7.859e+04	0.06	0.0	212.8	3869.16	-3311.81	-331.43	-698.55	-7.859e+04	-3.521e+05
68	1	1.106e+05	1.842e+05	0.03	-5852.62	0.0	-269.66	3202.96	784.75	-1.627e+05	-1.375e+05	-2.484e+05
		-2.484e+05	-1.375e+05	-0.14	0.0	410.0	-269.66	-2649.65	784.75	-1.627e+05	1.842e+05	-1.350e+05
68	3	1.207e+05	2.191e+05	0.03	-6292.72	0.0	-12.65	3573.73	892.57	-1.748e+05	-1.468e+05	-2.953e+05
		-2.953e+05	-1.468e+05	-0.18	0.0	410.0	-12.65	-2718.99	892.57	-1.748e+05	2.191e+05	-1.201e+05
68	4	9.354e+04	1.781e+05	0.03	-4942.11	0.0	17.97	2805.46	723.31	-1.390e+05	-1.185e+05	-2.329e+05
		-2.329e+05	-1.185e+05	-0.15	0.0	410.0	17.97	-2136.66	723.31	-1.390e+05	1.781e+05	-2.329e+05
68	7	8.607e+04	1.400e+05	0.02	-4502.01	0.0	-169.48	2496.97	591.71	-1.232e+05	-1.026e+05	-1.978e+05
		-1.978e+05	-1.026e+05	-0.11	0.0	410.0	-169.48	-2005.04	591.71	-1.232e+05	1.400e+05	-9.693e+04
68	8	9.281e+04	1.632e+05	0.02	-4795.41	0.0	1.87	2744.15	663.59	-1.313e+05	-1.088e+05	-2.290e+05
		-2.290e+05	-1.088e+05	-0.14	0.0	410.0	1.87	-2051.26	663.59	-1.313e+05	1.632e+05	-2.290e+05
68	17	9.101e+04	5.276e+04	-4.08e-03	-4502.01	0.0	-456.36	2540.73	129.67	-1.892e+04	-2.524e+05	-2.027e+05
		-2.027e+05	-2.524e+05	-0.09	0.0	410.0	-456.36	-1961.29	129.67	-1.892e+04	5.276e+04	-8.430e+04
68	18	9.166e+04	2.358e+05	0.02	-4502.01	0.0	86.51	2704.22	849.80	-2.348e+05	2.137e+04	-2.412e+05
		-2.412e+05	2.137e+04	-0.15	0.0	410.0	86.51	-1797.79	849.80	-2.348e+05	2.358e+05	-5.470e+04
68	27	2.305e+05	9.584e+04	0.02	-4502.01	0.0	706.07	3760.16	461.64	-1.211e+05	-1.225e+04	-4.136e+05
		-4.136e+05	-1.225e+04	-0.10	0.0	410.0	706.07	-741.85	461.64	-1.211e+05	9.584e+04	2.061e+05
68	38	5.674e+04	2.108e+05	6.04e-03	-4502.01	0.0	711.80	1891.16	776.62	-1.782e+05	-1.854e+04	-1.055e+05
		-2.538e+05	-1.854e+04	-0.12	0.0	410.0	711.80	-2610.85	776.62	-1.782e+05	2.108e+05	-2.538e+05
68	41	1.798e+05	5.361e+04	0.01	-4502.01	0.0	-711.01	3403.90	294.51	-5.034e+04	-1.562e+05	-3.483e+05
		-3.483e+05	-1.562e+05	-0.10	0.0	410.0	-711.01	-1098.12	294.51	-5.034e+04	5.361e+04	1.252e+05
68	49	9.101e+04	5.276e+04	-4.08e-03	-4502.01	0.0	-456.36	2540.73	129.67	-1.892e+04	-2.524e+05	-2.027e+05
		-2.027e+05	-2.524e+05	-0.09	0.0	410.0	-456.36	-1961.29	129.67	-1.892e+04	5.276e+04	-8.430e+04
68	50	9.166e+04	2.358e+05	0.02	-4502.01	0.0	86.51	2704.22	849.80	-2.348e+05	2.137e+04	-2.412e+05
		-2.412e+05	2.137e+04	-0.15	0.0	410.0	86.51	-1797.79	849.80	-2.348e+05	2.358e+05	-5.470e+04
68	59	2.305e+05	9.584e+04	0.02	-4502.01	0.0	706.07	3760.16	461.64	-1.211e+05	-1.225e+04	-4.136e+05
		-4.136e+05	-1.225e+04	-0.10	0.0	410.0	706.07	-741.85	461.64	-1.211e+05	9.584e+04	2.061e+05
68	70	5.674e+04	2.108e+05	6.04e-03	-4502.01	0.0	711.80	1891.16	776.62	-1.782e+05	-1.854e+04	-1.055e+05
		-2.538e+05	-1.854e+04	-0.12	0.0	410.0	711.80	-2610.85	776.62	-1.782e+05	2.108e+05	-2.538e+05
68	73	1.798e+05	5.361e+04	0.01	-4502.01	0.0	-711.01	3403.90	294.51	-5.034e+04	-1.562e+05	-3.483e+05
		-3.483e+05	-1.562e+05	-0.10	0.0	410.0	-711.01	-1098.12	294.51	-5.034e+04	5.361e+04	1.252e+05
68	74	9.166e+04	1.322e+05	8.72e-03	-4502.01	0.0	0.39	2647.53	535.57	-1.143e+05	-8.736e+04	-2.269e+05
		-2.269e+05	-8.736e+04	-0.11	0.0	410.0	0.39	-1854.49	535.57	-1.143e+05	1.322e+05	-6.433e+04
68	75	9.166e+04	1.322e+05	8.72e-03	-4502.01	0.0	0.39	2647.53	535.57	-1.143e+05	-8.736e+04	-2.269e+05
		-2.269e+05	-8.736e+04	-0.11	0.0	410.0	0.39	-1854.49	535.57	-1.143e+05	1.322e+05	-6.433e+04
68	76	9.166e+04	1.322e+05	8.72e-03	-4502.01	0.0	0.39	2647.53	535.57	-1.143e+05	-8.736e+04	-2.269e+05
		-2.269e+05	-8.736e+04	-0.11	0.0	410.0	0.39	-1854.49	535.57	-1.143e+05	1.322e+05	-6.433e+04
69	2	6.106e+04	605.78	0.44	-1851.63	0.0	-136.80	1073.62	-2.86	-14.62	605.78	-6.644e+04
		-6.644e+04	-567.68	0.05	0.0	410.0	-136.80	-778.01	-2.86	-14.62	-567.68	-5842.16
69	3	1.083e+05	2656.63	0.80	-3287.34	0.0	-245.06	1905.37	-12.83	-13.92	2656.63	-1.179e+05
		-1.179e+05	-2603.75	0.11	0.0	410.0	-245.06	-1381.97	-12.83	-13.92	-2603.75	-1.060e+04
69	7	6.105e+04	789.24	0.44	-1851.63	0.0	-137.04	1073.56	-3.76	-13.57	789.24	-6.644e+04
		-6.644e+04	-752.29	0.05	0.0	410.0	-137.04	-778.07	-3.76	-13.57	-752.29	-5864.56
69	8	8.034e+04	1963.03	0.59	-2438.44	0.0	-181.77	1413.36	-9.48	-10.49	1963.03	-8.745e+04
		-8.745e+04	-1923.40	0.08	0.0	410.0	-181.77	-1025.09	-9.48	-10.49	-1923.40	-7856.85
69	32	5.934e+04	1.200e+04	0.42	-1851.63	0.0	-173.76	1045.27	-58.84	-31.74	1.200e+04	-6.149e+04
		-6.149e+04	-1.212e+04	0.08	0.0	410.0	-173.76	-806.37	-58.84	-31.74	-1.212e+04	-1.275e+04
69	33	6.297e+04	5545.01	0.50	-1851.63	0.0	-108.78	1096.78	26.74	-13.39	-5418.30	-6.984e+04
		-6.984e+04	-5418.30	0.08	0.0	410.0	-108.78	-754.85	26.74	-13.39	5545.01	202.48
69	39	6.270e+04	3067.77	0.48	-1851.63	0.0	-97.26	1103.74	-14.95	11.49	3067.77	-7.204e+04
		-7.204e+04	-3061.00	0.03	0.0	410.0	-97.26	-747.89	-14.95	11.49	-3061.00	1200.52
69	40	5.947e+04	654.99	0.41	-1851.63	0.0	-178.01	1043.05	3.05	-33.05	-593.50	-6.082e+04
		-6.082e+04	-593.50	0.08	0.0	410.0	-178.01	-808.58	3.05	-33.05	654.99	-1.304e+04
69	64	5.934e+04	1.200e+04	0.42	-1851.63	0.0	-173.76	1045.27	-58.84	-31.74	1.200e+04	-6.149e+04
		-6.149e+04	-1.212e+04	0.08	0.0	410.0	-173.76	-806.37	-58.84	-31.74	-1.212e+04	-1.275e+04

69	65	6.297e+04	5545.01	0.50	-1851.63	0.0	-108.78	1096.78	26.74	-13.39	-5418.30	-6.984e+04
		-6.984e+04	-5418.30	0.08	0.0	410.0	-108.78	-754.85	26.74	-13.39	5545.01	202.48
69	71	6.270e+04	3067.77	0.48	-1851.63	0.0	-97.26	1103.74	-14.95	-11.49	3067.77	-7.204e+04
		-7.204e+04	-3061.00	0.03	0.0	410.0	-97.26	-747.89	-14.95	11.49	-3061.00	1200.52
69	72	5.947e+04	654.99	0.41	-1851.63	0.0	-178.01	1043.05	3.05	-33.05	-593.50	-6.082e+04
		-6.082e+04	-593.50	0.08	0.0	410.0	-178.01	-808.58	3.05	-33.05	654.99	-1.304e+04
69	74	6.102e+04	1237.14	0.45	-1851.63	0.0	-137.63	1073.40	-5.95	-10.78	1237.14	-6.643e+04
		-6.643e+04	-1203.01	0.06	0.0	410.0	-137.63	-778.24	-5.95	-10.78	-1203.01	-5918.41
69	75	6.102e+04	1237.14	0.45	-1851.63	0.0	-137.63	1073.40	-5.95	-10.78	1237.14	-6.643e+04
		-6.643e+04	-1203.01	0.06	0.0	410.0	-137.63	-778.24	-5.95	-10.78	-1203.01	-5918.41
69	76	6.102e+04	1237.14	0.45	-1851.63	0.0	-137.63	1073.40	-5.95	-10.78	1237.14	-6.643e+04
		-6.643e+04	-1203.01	0.06	0.0	410.0	-137.63	-778.24	-5.95	-10.78	-1203.01	-5918.41
70	1	-1.327e+04	5801.61	0.03	-8967.32	0.0	5832.80	5584.34	-90.38	1.239e+04	5801.61	-5.710e+05
		-5.710e+05	-2.536e+04	-0.02	0.0	344.7	5832.80	-3382.98	-90.38	1.239e+04	-2.536e+04	-2.417e+05
70	2	-1.312e+04	4492.88	0.03	-7125.24	0.0	4390.55	4408.69	-69.80	9729.01	4492.88	-4.498e+05
		-4.498e+05	-1.957e+04	-0.01	0.0	344.7	4390.55	-2716.55	-69.80	9729.01	-1.957e+04	-1.984e+05
70	3	2.606e+04	7985.81	0.02	-6952.64	0.0	8264.80	4752.90	-117.58	9510.06	7985.81	-5.025e+05
		-5.025e+05	-3.255e+04	-0.03	0.0	344.7	8264.80	-2199.74	-117.58	9510.06	-3.255e+04	-9.807e+04
70	4	2.743e+04	6677.08	0.01	-5110.56	0.0	6822.55	3577.25	-96.99	6845.95	6677.08	-3.814e+05
		-3.814e+05	-2.676e+04	-0.02	0.0	344.7	6822.55	-1533.31	-96.99	6845.95	-2.676e+04	-5.474e+04
70	7	-5583.38	4448.47	0.02	-6587.99	0.0	4594.91	4147.07	-69.35	9423.42	4448.47	-4.253e+05
		-4.253e+05	-1.946e+04	-0.01	0.0	344.7	4594.91	-2440.92	-69.35	9423.42	-1.946e+04	-1.676e+05
70	8	2.100e+04	5904.61	0.01	-5244.87	0.0	6216.24	3592.78	-87.48	7501.37	5904.61	-3.797e+05
		-3.797e+05	-2.425e+04	-0.02	0.0	344.7	6216.24	-1652.10	-87.48	7501.37	-2.425e+04	-7.472e+04
70	18	-9.193e+04	6206.97	0.01	-5244.87	0.0	2325.66	2684.65	-88.56	2.238e+04	6206.97	-3.108e+05
		-3.108e+05	-2.505e+04	-0.03	0.0	344.7	2325.66	-2560.22	-88.56	2.238e+04	-2.505e+04	-3.145e+05
70	20	2.034e+05	-1552.02	0.03	-5244.87	0.0	6723.47	4480.71	-17.38	3990.70	-1552.02	-4.316e+05
		-4.316e+05	-6536.06	1.61e-03	0.0	344.7	6723.47	-764.16	-17.38	3990.70	-6536.06	1.844e+05
70	21	1.655e+05	2509.98	0.02	-5244.87	0.0	7849.68	4310.12	-48.21	-4809.97	2509.98	-4.182e+05
		-4.182e+05	-1.338e+04	3.62e-03	0.0	344.7	7849.68	-934.75	-48.21	-4809.97	-1.338e+04	1.354e+05
70	24	1.979e+05	-1946.36	0.03	-5244.87	0.0	7596.34	4464.87	-18.77	4393.68	-1946.36	-4.319e+05
		-4.319e+05	-7502.17	2.71e-03	0.0	344.7	7596.34	-780.00	-18.77	4393.68	-7502.17	1.782e+05
70	31	-6.311e+04	1.229e+04	9.59e-03	-5244.87	0.0	6305.02	2943.67	-130.43	-3126.96	1.229e+04	-3.240e+05
		-3.240e+05	-3.340e+04	-0.02	0.0	344.7	6305.02	-2301.20	-130.43	-3126.96	-3.340e+04	-2.459e+05
70	39	-5.095e+04	1.361e+04	8.04e-03	-5244.87	0.0	3395.45	2996.46	-125.81	-4470.24	1.361e+04	-3.228e+05
		-3.228e+05	-3.018e+04	-0.02	0.0	344.7	3395.45	-2248.41	-125.81	-4470.24	-3.018e+04	-2.252e+05
70	50	-9.193e+04	6206.97	0.01	-5244.87	0.0	2325.66	2684.65	-88.56	2.238e+04	6206.97	-3.108e+05
		-3.108e+05	-2.505e+04	-0.03	0.0	344.7	2325.66	-2560.22	-88.56	2.238e+04	-2.505e+04	-3.145e+05
70	52	2.034e+05	-1552.02	0.03	-5244.87	0.0	6723.47	4480.71	-17.38	3990.70	-1552.02	-4.316e+05
		-4.316e+05	-6536.06	1.61e-03	0.0	344.7	6723.47	-764.16	-17.38	3990.70	-6536.06	1.844e+05
70	53	1.655e+05	2509.98	0.02	-5244.87	0.0	7849.68	4310.12	-48.21	-4809.97	2509.98	-4.182e+05
		-4.182e+05	-1.338e+04	3.62e-03	0.0	344.7	7849.68	-934.75	-48.21	-4809.97	-1.338e+04	1.354e+05
70	56	1.979e+05	-1946.36	0.03	-5244.87	0.0	7596.34	4464.87	-18.77	4393.68	-1946.36	-4.319e+05
		-4.319e+05	-7502.17	2.71e-03	0.0	344.7	7596.34	-780.00	-18.77	4393.68	-7502.17	1.782e+05
70	63	-6.311e+04	1.229e+04	9.59e-03	-5244.87	0.0	6305.02	2943.67	-130.43	-3126.96	1.229e+04	-3.240e+05
		-3.240e+05	-3.340e+04	-0.02	0.0	344.7	6305.02	-2301.20	-130.43	-3126.96	-3.340e+04	-2.459e+05
70	71	-5.095e+04	1.361e+04	8.04e-03	-5244.87	0.0	3395.45	2996.46	-125.81	-4470.24	1.361e+04	-3.228e+05
		-3.228e+05	-3.018e+04	-0.02	0.0	344.7	3395.45	-2248.41	-125.81	-4470.24	-3.018e+04	-2.252e+05
70	74	1.377e+04	4358.47	0.01	-5244.87	0.0	5087.67	3497.39	-68.38	8783.02	4358.47	-3.645e+05
		-3.645e+05	-1.922e+04	-0.02	0.0	344.7	5087.67	-1747.48	-68.38	8783.02	-1.922e+04	-8.951e+04
70	75	1.377e+04	4358.47	0.01	-5244.87	0.0	5087.67	3497.39	-68.38	8783.02	4358.47	-3.645e+05
		-3.645e+05	-1.922e+04	-0.02	0.0	344.7	5087.67	-1747.48	-68.38	8783.02	-1.922e+04	-8.951e+04
70	76	1.377e+04	4358.47	0.01	-5244.87	0.0	5087.67	3497.39	-68.38	8783.02	4358.47	-3.645e+05
		-3.645e+05	-1.922e+04	-0.02	0.0	344.7	5087.67	-1747.48	-68.38	8783.02	-1.922e+04	-8.951e+04
71	1	7.566e+04	4.985e+05	-6.46e-03	-5781.34	0.0	746.24	2614.75	1061.87	3922.88	6.846e+04	-1.636e+05
		-2.753e+05	6.846e+04	0.05	0.0	405.0	746.24	-3166.59	1061.87	3922.88	4.985e+05	-2.753e+05
71	2	6.049e+04	3.812e+05	-3.09e-03	-4447.19	0.0	519.85	1987.16	817.65	3847.80	5.004e+04	-1.192e+05
		-2.150e+05	5.004e+04	0.04	0.0	405.0	519.85	-2460.02	817.65	3847.80	3.812e+05	-2.150e+05
71	3	8.777e+04	6.953e+05	-0.01	-6216.09	0.0	1078.46	2921.95	1426.97	794.83	1.174e+05	-2.150e+05
		-2.646e+05	1.174e+05	0.08	0.0	405.0	1078.46	-3294.14	1426.97	794.83	6.953e+05	-2.646e+05
71	7	5.717e+04	3.865e+05	-6.11e-03	-4447.19	0.0	610.64	2025.06	819.20	2518.04	5.475e+04	-1.293e+05
		-2.097e+05	5.475e+04	0.04	0.0	405.0	610.64	-2422.13	819.20	2518.04	3.865e+05	-2.097e+05
71	8	6.534e+04	5.177e+05	-8.87e-03	-4737.02	0.0	832.12	2229.85	1062.60	432.67	8.737e+04	-1.464e+05
		-2.025e+05	8.737e+04	0.06	0.0	405.0	832.12	-2507.16	1062.60	432.67	5.177e+05	-2.025e+05
71	11	1.300e+05	5.863e+05	-0.01	-4447.19	0.0	209.44	2777.41	1538.91	-1.021e+05	-1.009e+05	-1.336e+05
		-1.336e+05	-1.009e+05	-0.02	0.0	405.0	209.44	-1669.78	1538.91	-1.021e+05	5.863e+05	-5.896e+04
71	15	1.310e+05	5.862e+05	-0.01	-4447.19	0.0	178.84	2769.68	1553.27	-1.022e+05	-1.070e+05	-1.328e+05
		-1.308e+05	-1.070e+05	-0.03	0.0	405.0	178.84	-1677.50	1553.27	-1.022e+05	5.862e+05	-5.934e+04
71	23	1.185e+05	2.864e+05	-0.01	-4447.19	0.0	14.86	2702.98	1525.31	-9.696e+04	-1.496e+05	-1.476e+05
		-1.476e+05	-1.496e+05	-0.03	0.0	405.0	14.86	-1744.21	1525.31	-9.696e+04	2.864e+05	-6.844e+04
71	24	-7196.65	5.132e+05	-0.02	-4447.19	0.0	1601.82	1506.33	126.33	9.634e+04	5.132e+05	-3.280e+05
		-3.280e+05	2.803e+05	0.12	0.0	405.0	1601.82	-2940.86	126.33	9.634e+04	5.132e+05	-3.280e+05
71	28	7.567e+04	3.034e+05	-0.02	-4447.19	0.0	1280.20	943.31	424.04	1.193e+04	1.729e+05	2.524e+04
		-4.485e+05	1.729e+05	0.06	0.0	405.0	1280.20	-3503.88	424.04	1.193e+04	3.034e+05	-4.485e+05
71	43	1.300e+05	5.863e+05	-0.01	-4447.19	0.0	209.44	2777.41	1538.91	-1.021e+05	-1.009e+05	-1.336e+05
		-1.336e+05	-1.009e+05	-0.02	0.0	405.0	209.44	-1669.78	1538.91	-1.021e+05	5.863e+05	-5.896e+04
71	47	1.310e+05	5.862e+05	-0.01	-4447.19	0.0	178.84	2769.68	1553.27	-1.022e+05	-1.070e+05	-1.308e+05

		-1.308e+05	-1.070e+05	-0.03	0.0	405.0	178.84	-1677.50	1553.27	-1.022e+05	5.862e+05	-5.934e+04
71	55	1.185e+05	2.864e+05	-0.01	-4447.19	0.0	14.86	2702.98	1525.31	-9.696e+04	-1.496e+05	-1.476e+05
		-1.476e+05	-1.496e+05	-0.03	0.0	405.0	14.86	-1744.21	1525.31	-9.696e+04	2.864e+05	-6.844e+04
71	56	-7196.65	5.132e+05	-0.02	-4447.19	0.0	1601.82	1506.33	126.33	9.634e+04	2.803e+05	-1.524e+05
		-3.280e+05	2.803e+05	0.12	0.0	405.0	1601.82	-2940.86	126.33	9.634e+04	5.132e+05	-3.280e+05
71	60	7.567e+04	3.034e+05	-0.02	-4447.19	0.0	1280.20	943.31	424.04	1.193e+04	1.729e+05	2.524e+04
		-4.485e+05	1.729e+05	0.06	0.0	405.0	1280.20	-3503.88	424.04	1.193e+04	3.034e+05	-4.485e+05
71	74	5.102e+04	3.998e+05	-0.01	-4447.19	0.0	808.34	2104.65	825.82	-309.37	6.536e+04	-1.500e+05
		-1.982e+05	6.536e+04	0.05	0.0	405.0	808.34	-2342.54	825.82	-309.37	3.998e+05	-1.982e+05
71	75	5.102e+04	3.998e+05	-0.01	-4447.19	0.0	808.34	2104.65	825.82	-309.37	6.536e+04	-1.500e+05
		-1.982e+05	6.536e+04	0.05	0.0	405.0	808.34	-2342.54	825.82	-309.37	3.998e+05	-1.982e+05
71	76	5.102e+04	3.998e+05	-0.01	-4447.19	0.0	808.34	2104.65	825.82	-309.37	6.536e+04	-1.500e+05
		-1.982e+05	6.536e+04	0.05	0.0	405.0	808.34	-2342.54	825.82	-309.37	3.998e+05	-1.982e+05
72	1	1.181e+05	8.606e+04	-0.01	-5781.34	0.0	613.64	2799.09	233.86	-4.205e+04	-8651.49	-1.560e+05
		-1.931e+05	-8651.49	-0.04	0.0	405.0	613.64	-2982.25	233.86	-4.205e+04	8.606e+04	-1.931e+05
72	2	9.370e+04	6.413e+04	-7.72e-03	-4447.18	0.0	406.24	2154.61	176.93	-3.222e+04	6.413e+04	-1.732e+05
		-1.454e+05	-7530.28	-0.03	0.0	405.0	406.24	-2292.57	176.93	-3.222e+04	6.413e+04	-1.454e+05
72	3	1.215e+05	1.337e+05	-0.01	-6216.08	0.0	991.50	3055.26	333.71	-5.536e+04	-1460.07	-1.825e+05
		-2.038e+05	-1460.07	-0.05	0.0	405.0	991.50	-3160.82	333.71	-5.536e+04	1.337e+05	-2.038e+05
72	5	1.040e+05	9.902e+04	-0.01	-5781.34	0.0	972.02	2804.80	253.08	-4.349e+04	9.902e+04	-2.060e+05
		-2.060e+05	-3478.24	-0.04	0.0	405.0	972.02	-2976.54	253.08	-4.349e+04	9.902e+04	-2.060e+05
72	7	8.924e+04	6.793e+04	-8.17e-03	-4447.18	0.0	516.14	2154.94	182.50	-3.258e+04	-5985.90	-1.220e+05
		-1.498e+05	-5985.90	-0.03	0.0	405.0	516.14	-2292.24	182.50	-3.258e+04	6.793e+04	-1.498e+05
72	8	9.150e+04	9.968e+04	-9.99e-03	-4737.01	0.0	768.05	2325.72	249.07	-4.145e+04	-1191.63	-1.396e+05
		-1.570e+05	-1191.63	-0.04	0.0	405.0	768.05	-2411.29	249.07	-4.145e+04	9.968e+04	-1.570e+05
72	9	7.984e+04	7.657e+04	-9.44e-03	-4447.18	0.0	755.06	2158.75	195.32	-3.354e+04	-2537.07	-1.322e+05
		-1.584e+05	-2537.07	-0.03	0.0	405.0	755.06	-2288.44	195.32	-3.354e+04	7.657e+04	-1.584e+05
72	15	8.489e+04	-4.363e+04	-0.01	-4447.18	0.0	226.90	2763.34	845.00	-1.301e+05	-2.475e+05	-2.644e+05
		-2.644e+05	-2.475e+05	-0.08	0.0	405.0	226.90	-1683.84	845.00	-1.301e+05	-4.363e+04	-2.644e+05
72	19	8.999e+04	-6.522e+04	-0.01	-4447.18	0.0	93.69	2732.78	-102.73	-9.601e+04	-1.773e+05	-2.519e+05
		-2.519e+05	-1.773e+05	-0.05	0.0	405.0	93.69	-1714.40	-102.73	-9.601e+04	-6.522e+04	-4.261e+04
72	20	1.004e+05	2.183e+05	-8.66e-03	-4447.18	0.0	1416.44	1584.72	493.36	2.893e+04	1.722e+05	-1.245e+04
		-2.742e+05	1.722e+05	-0.02	0.0	405.0	1416.44	-2862.47	493.36	2.893e+04	2.183e+05	-2.742e+05
72	25	8.182e+04	2.582e+05	-4.79e-03	-4447.18	0.0	1273.20	2266.23	617.26	4.342e+04	1.392e+05	-1.505e+05
		-1.505e+05	1.392e+05	-0.01	0.0	405.0	1273.20	-2180.95	617.26	4.342e+04	2.582e+05	-1.505e+05
72	28	1.602e+05	1.151e+05	-0.02	-4447.18	0.0	1152.47	920.15	-200.46	-2.786e+04	1.151e+05	1.221e+05
		-4.066e+05	5.247e+04	-0.03	0.0	405.0	1152.47	-3527.03	-200.46	-2.786e+04	1.151e+05	1.221e+05
72	47	8.489e+04	-4.363e+04	-0.01	-4447.18	0.0	226.90	2763.34	845.00	-1.301e+05	-2.475e+05	-2.644e+05
		-2.644e+05	-2.475e+05	-0.08	0.0	405.0	226.90	-1683.84	845.00	-1.301e+05	-4.363e+04	-2.644e+05
72	51	8.999e+04	-6.522e+04	-0.01	-4447.18	0.0	93.69	2732.78	-102.73	-9.601e+04	-1.773e+05	-2.519e+05
		-2.519e+05	-1.773e+05	-0.05	0.0	405.0	93.69	-1714.40	-102.73	-9.601e+04	-6.522e+04	-4.261e+04
72	52	1.004e+05	2.183e+05	-8.66e-03	-4447.18	0.0	1416.44	1584.72	493.36	2.893e+04	1.722e+05	-1.245e+04
		-2.742e+05	1.722e+05	-0.02	0.0	405.0	1416.44	-2862.47	493.36	2.893e+04	2.183e+05	-2.742e+05
72	57	8.182e+04	2.582e+05	-4.79e-03	-4447.18	0.0	1273.20	2266.23	617.26	4.342e+04	1.392e+05	-1.505e+05
		-1.505e+05	1.392e+05	-0.01	0.0	405.0	1273.20	-2180.95	617.26	4.342e+04	2.582e+05	-1.505e+05
72	60	1.602e+05	1.151e+05	-0.02	-4447.18	0.0	1152.47	920.15	-200.46	-2.786e+04	1.151e+05	1.221e+05
		-4.066e+05	5.247e+04	-0.03	0.0	405.0	1152.47	-3527.03	-200.46	-2.786e+04	1.151e+05	1.221e+05
72	74	7.984e+04	7.657e+04	-9.44e-03	-4447.18	0.0	755.06	2158.75	195.32	-3.354e+04	-2537.07	-1.322e+05
		-1.584e+05	-2537.07	-0.03	0.0	405.0	755.06	-2288.44	195.32	-3.354e+04	7.657e+04	-1.584e+05
72	75	7.984e+04	7.657e+04	-9.44e-03	-4447.18	0.0	755.06	2158.75	195.32	-3.354e+04	-2537.07	-1.322e+05
		-1.584e+05	-2537.07	-0.03	0.0	405.0	755.06	-2288.44	195.32	-3.354e+04	7.657e+04	-1.584e+05
72	76	7.984e+04	7.657e+04	-9.44e-03	-4447.18	0.0	755.06	2158.75	195.32	-3.354e+04	-2537.07	-1.322e+05
		-1.584e+05	-2537.07	-0.03	0.0	405.0	755.06	-2288.44	195.32	-3.354e+04	7.657e+04	-1.584e+05
77	2	5.719e+04	-1.361e+04	0.02	-105.34	0.0	-5283.45	-112.27	76.67	3036.49	-2.486e+04	5.719e+04
		3.299e+04	-2.486e+04	0.01	0.0	146.8	-5307.37	-217.61	76.67	3036.49	-1.361e+04	3.299e+04
77	3	1.021e+05	-2.325e+04	0.03	-136.94	0.0	-8868.87	-267.12	145.38	5757.38	-4.459e+04	1.021e+05
		5.284e+04	-4.459e+04	0.02	0.0	146.8	-8899.96	-404.07	145.38	5757.38	-2.325e+04	5.284e+04
77	6	5.684e+04	-1.336e+04	0.02	-105.34	0.0	-5348.36	-101.11	80.81	3189.00	-2.522e+04	5.684e+04
		3.427e+04	-2.522e+04	0.01	0.0	146.8	-5372.28	-206.45	80.81	3189.00	-1.336e+04	3.427e+04
77	7	5.709e+04	-1.354e+04	0.02	-105.34	0.0	-5302.05	-109.05	77.82	3080.52	-2.496e+04	5.709e+04
		3.336e+04	-2.496e+04	0.01	0.0	146.8	-5325.97	-214.39	77.82	3080.52	-1.354e+04	3.336e+04
77	8	7.563e+04	-1.728e+04	0.02	-105.34	0.0	-6627.32	-191.30	107.82	4267.09	-3.310e+04	7.563e+04
		3.983e+04	-3.310e+04	0.02	0.0	146.8	-6651.24	-296.64	107.82	4267.09	-1.728e+04	3.983e+04
77	9	5.686e+04	-1.337e+04	0.02	-105.34	0.0	-5345.31	-101.61	80.59	3182.20	-2.520e+04	5.686e+04
		3.422e+04	-2.520e+04	0.01	0.0	146.8	-5369.23	-206.95	80.59	3182.20	-1.337e+04	3.422e+04
77	10	-1.134e+04	-1.604e+04	0.02	-105.34	0.0	-5682.86	-430.33	47.56	3874.89	-1.604e+04	-1.134e+04
		-8.954e+04	-1.753e+04	0.07	0.0	146.8	-5706.78	-535.67	47.56	3874.89	-1.753e+04	-8.954e+04
77	11	-1098.82	-2.837e+04	0.02	-105.34	0.0	-5842.22	-483.35	212.80	3368.79	-4.525e+04	-1098.82
		-7.237e+04	-4.525e+04	-0.03	0.0	146.8	-5866.14	-588.69	212.80	3368.79	-2.837e+04	-7.237e+04
77	12	1.408e+05	1623.25	0.01	-105.34	0.0	-4848.41	280.12	-51.63	2995.61	-5154.03	1.148e+05
		1.148e+05	-5154.03	0.05	0.0	146.8	-4872.33	174.78	-51.63	2995.61	1623.25	1.148e+05
77	13	1.580e+05	-9213.83	0.01	-105.34	0.0	-5007.76	227.10	113.61	2489.50	-3.436e+04	1.251e+05
		1.251e+05	-3.436e+04	-0.05	0.0	146.8	-5031.68	121.76	113.61	2489.50	-9213.83	1.580e+05
77	27	5.501e+04	-3.431e+04	0.02	-105.34	0.0	-5736.07	-296.55	370.86	2470.58	-7.552e+04	5.501e+04
		2.827e+04	-7.552e+04	-0.14	0.0	146.8	-5759.99	-401.89	370.86	2470.58	-3.431e+04	2.827e+04
77	28	5.871e+04	2.511e+04	0.02	-105.34	0.0	-4954.56	93.32	-209.69	3893.81	2.511e+04	5.871e+04
		4.017e+04	7561.99	0.16	0.0	146.8	-4978.48	-12.02	-209.69	3893.81	7561.99	4.017e+04

77	42	-1.134e+04	-1.604e+04	0.02	-105.34	0.0	-5682.86	-430.33	47.56	3874.89	-1.604e+04	-1.134e+04
		-8.954e+04	-1.753e+04	0.07	0.0	146.8	-5706.78	-535.67	47.56	3874.89	-1.753e+04	-8.954e+04
77	43	-1098.82	-2.837e+04	0.02	-105.34	0.0	-5842.22	-483.35	212.80	3368.79	-4.525e+04	-1098.82
		-7.237e+04	-4.525e+04	-0.03	0.0	146.8	-5866.14	-588.69	212.80	3368.79	-2.837e+04	-7.237e+04
77	44	1.408e+05	1623.25	0.01	-105.34	0.0	-4848.41	280.12	-51.63	2995.61	-5154.03	1.148e+05
		1.148e+05	-5154.03	0.05	0.0	146.8	-4872.33	174.78	-51.63	2995.61	1623.25	1.408e+05
77	45	1.580e+05	-9213.83	0.01	-105.34	0.0	-5007.76	227.10	113.61	2489.50	-3.436e+04	1.251e+05
		1.251e+05	-3.436e+04	-0.05	0.0	146.8	-5031.68	121.76	113.61	2489.50	-9213.83	1.580e+05
77	59	5.501e+04	-3.431e+04	0.02	-105.34	0.0	-5736.07	-296.55	370.86	2470.58	-7.552e+04	5.501e+04
		2.827e+04	-7.552e+04	-0.14	0.0	146.8	-5759.99	-401.89	370.86	2470.58	-3.431e+04	2.827e+04
77	60	5.871e+04	2.511e+04	0.02	-105.34	0.0	-4954.56	93.32	-209.69	3893.81	2.511e+04	5.871e+04
		4.017e+04	7561.99	0.16	0.0	146.8	-4978.48	-12.02	-209.69	3893.81	7561.99	4.017e+04
77	74	5.686e+04	-1.337e+04	0.02	-105.34	0.0	-5345.31	-101.61	80.59	3182.20	-2.520e+04	5.686e+04
		3.422e+04	-2.520e+04	0.01	0.0	146.8	-5369.23	-206.95	80.59	3182.20	-1.337e+04	3.422e+04
77	75	5.686e+04	-1.337e+04	0.02	-105.34	0.0	-5345.31	-101.61	80.59	3182.20	-2.520e+04	5.686e+04
		3.422e+04	-2.520e+04	0.01	0.0	146.8	-5369.23	-206.95	80.59	3182.20	-1.337e+04	3.422e+04
77	76	5.686e+04	-1.337e+04	0.02	-105.34	0.0	-5345.31	-101.61	80.59	3182.20	-2.520e+04	5.686e+04
		3.422e+04	-2.520e+04	0.01	0.0	146.8	-5369.23	-206.95	80.59	3182.20	-1.337e+04	3.422e+04
79	1	1.492e+05	-3.015e+04	0.04	-5781.34	0.0	-577.88	2759.44	215.11	-2.669e+04	-1.173e+05	-1.169e+05
		-1.701e+05	-1.173e+05	-0.07	0.0	405.0	-577.88	-3021.90	215.11	-2.669e+04	-3.015e+04	-1.701e+05
79	2	1.180e+05	-2.168e+04	0.03	-4447.18	0.0	-524.10	2127.24	165.75	-2.039e+04	-8.881e+04	-8.758e+04
		-1.266e+05	-8.881e+04	-0.05	0.0	405.0	-524.10	-2319.95	165.75	-2.039e+04	-2.168e+04	-1.266e+05
79	3	1.568e+05	-4.934e+04	0.04	-6216.08	0.0	-207.58	2913.22	286.61	-3.682e+04	-1.654e+05	-1.185e+05
		-1.974e+05	-4.934e+05	-0.10	0.0	405.0	-207.58	-3302.86	286.61	-3.682e+04	-4.934e+04	-1.974e+05
79	6	1.014e+05	-2.950e+04	0.03	-4447.18	0.0	8.17	2077.72	169.67	-2.174e+04	-9.822e+04	-9.432e+04
		-1.534e+05	-9.822e+04	-0.06	0.0	405.0	8.17	-2369.47	169.67	-2.174e+04	-2.950e+04	-1.534e+05
79	7	1.128e+05	-2.412e+04	0.03	-4447.18	0.0	-371.13	2114.59	166.39	-2.074e+04	-9.151e+04	-9.029e+04
		-1.344e+05	-9.151e+04	-0.06	0.0	405.0	-371.13	-2332.59	166.39	-2.074e+04	-2.412e+04	-1.344e+05
79	8	1.179e+05	-3.691e+04	0.03	-4737.01	0.0	-124.26	2217.12	214.05	-2.749e+04	-1.237e+05	-3.422e+04
		-1.526e+05	-1.237e+05	-0.07	0.0	405.0	-124.26	-2519.89	214.05	-2.749e+04	-3.691e+04	-1.526e+05
79	9	1.017e+05	-2.934e+04	0.03	-4447.18	0.0	-16.28	2081.58	169.00	-2.164e+04	-9.778e+04	-9.478e+04
		-1.523e+05	-9.778e+04	-0.06	0.0	405.0	-16.28	-2365.60	169.00	-2.164e+04	-2.934e+04	-1.523e+05
79	14	1.653e+05	-3.182e+05	0.04	-4447.18	0.0	298.96	1512.83	825.15	-1.317e+05	-3.519e+05	-1.417e+05
		-1.545e+05	-3.519e+05	-0.13	0.0	405.0	298.96	-2934.35	825.15	-1.317e+05	-3.182e+05	-1.545e+05
79	17	4.574e+04	1.564e+05	0.01	-4447.18	0.0	-331.52	2650.33	-487.16	8.842e+04	1.564e+05	-2.090e+05
		-2.090e+05	7.955e+04	0.02	0.0	405.0	-331.52	-1796.86	-487.16	8.842e+04	7.955e+04	-1.501e+05
79	27	1.431e+05	-1.159e+05	0.03	-4447.18	0.0	1086.91	2982.67	76.74	-2.779e+04	-1.159e+05	-2.853e+05
		-2.853e+05	-1.472e+05	-0.07	0.0	405.0	1086.91	-1464.52	76.74	-2.779e+04	-1.472e+05	-2.853e+05
79	28	1.504e+05	8.854e+04	0.02	-4447.18	0.0	-1119.46	1180.49	261.25	-1.550e+04	-7.969e+04	9.572e+04
		-3.609e+05	-7.969e+04	-0.05	0.0	405.0	-1119.46	-3266.69	261.25	-1.550e+04	8.854e+04	-3.609e+05
79	38	1.916e+05	7079.46	0.03	-4447.18	0.0	-659.61	1144.52	296.59	-6.516e+04	-2.102e+05	1.412e+05
		-3.325e+05	-2.102e+05	-0.09	0.0	405.0	-659.61	-3302.67	296.59	-6.516e+04	7079.46	-3.325e+05
79	40	1.537e+05	1.026e+05	0.02	-4447.18	0.0	-962.63	955.21	503.33	-2.329e+04	-1.015e+05	1.041e+05
		-3.730e+05	-1.015e+05	-0.06	0.0	405.0	-962.63	-3491.97	503.33	-2.329e+04	1.026e+05	-3.730e+05
79	46	1.653e+05	-1.382e+05	0.04	-4447.18	0.0	298.96	1512.83	825.15	-1.317e+05	-3.519e+05	1.947e+04
		-1.545e+05	-3.519e+05	-0.13	0.0	405.0	298.96	-2934.35	825.15	-1.317e+05	-1.382e+05	-1.545e+05
79	49	4.574e+04	1.564e+05	0.01	-4447.18	0.0	-331.52	2650.33	-487.16	8.842e+04	1.564e+05	-2.090e+05
		-2.090e+05	7.955e+04	0.02	0.0	405.0	-331.52	-1796.86	-487.16	8.842e+04	7.955e+04	-1.501e+05
79	59	1.431e+05	-1.159e+05	0.03	-4447.18	0.0	1086.91	2982.67	76.74	-2.779e+04	-1.159e+05	-2.853e+05
		-2.853e+05	-1.472e+05	-0.07	0.0	405.0	1086.91	-1464.52	76.74	-2.779e+04	-1.472e+05	-2.853e+05
79	60	1.504e+05	8.854e+04	0.02	-4447.18	0.0	-1119.46	1180.49	261.25	-1.550e+04	-7.969e+04	9.572e+04
		-3.609e+05	-7.969e+04	-0.05	0.0	405.0	-1119.46	-3266.69	261.25	-1.550e+04	8.854e+04	-3.609e+05
79	70	1.916e+05	7079.46	0.03	-4447.18	0.0	-659.61	1144.52	296.59	-6.516e+04	-2.102e+05	1.412e+05
		-3.325e+05	-2.102e+05	-0.09	0.0	405.0	-659.61	-3302.67	296.59	-6.516e+04	7079.46	-3.325e+05
79	72	1.537e+05	1.026e+05	0.02	-4447.18	0.0	-962.63	955.21	503.33	-2.329e+04	-1.015e+05	1.041e+05
		-3.730e+05	-1.015e+05	-0.06	0.0	405.0	-962.63	-3491.97	503.33	-2.329e+04	1.026e+05	-3.730e+05
79	74	1.017e+05	-2.934e+04	0.03	-4447.18	0.0	-16.28	2081.58	169.00	-2.164e+04	-9.778e+04	-9.478e+04
		-1.523e+05	-9.778e+04	-0.06	0.0	405.0	-16.28	-2365.60	169.00	-2.164e+04	-2.934e+04	-1.523e+05
79	75	1.017e+05	-2.934e+04	0.03	-4447.18	0.0	-16.28	2081.58	169.00	-2.164e+04	-9.778e+04	-9.478e+04
		-1.523e+05	-9.778e+04	-0.06	0.0	405.0	-16.28	-2365.60	169.00	-2.164e+04	-2.934e+04	-1.523e+05
79	76	1.017e+05	-2.934e+04	0.03	-4447.18	0.0	-16.28	2081.58	169.00	-2.164e+04	-9.778e+04	-9.478e+04
		-1.523e+05	-9.778e+04	-0.06	0.0	405.0	-16.28	-2365.60	169.00	-2.164e+04	-2.934e+04	-1.523e+05
80	1	8.763e+04	9041.94	0.05	-5781.34	0.0	-581.18	2257.36	329.43	4.979e+04	-1.244e+05	-9.057e+04
		-3.471e+05	-1.244e+05	-0.12	0.0	405.0	-581.18	-3523.99	329.43	4.979e+04	9041.94	-3.471e+05
80	3	8.933e+04	4.271e+04	0.06	-6216.09	0.0	-221.15	2380.42	546.03	7.341e+04	-1.784e+05	-9.518e+04
		-3.899e+05	-1.784e+05	-0.16	0.0	405.0	-221.15	-3835.67	546.03	7.341e+04	4.271e+04	-3.899e+05
80	6	5.361e+04	2.656e+04	0.03	-4447.19	0.0	-4.42	1808.32	328.72	4.397e+04	-1.066e+05	-9.443e+04
		-2.626e+05	-1.066e+05	-0.10	0.0	405.0	-4.42	-2638.87	328.72	4.397e+04	2.656e+04	-2.626e+05
80	7	6.537e+04	1.011e+04	0.04	-4447.19	0.0	-373.01	1744.46	265.34	3.910e+04	-9.735e+04	-7.293e+04
		-2.670e+05	-9.735e+04	-0.09	0.0	405.0	-373.01	-2702.73	265.34	3.910e+04	1.011e+04	-2.670e+05
80	8	6.651e+04	3.255e+04	0.04	-4737.02	0.0	-132.99	1826.50	409.74	5.485e+04	-1.334e+05	-9.443e+04
		-2.955e+05	-1.334e+05	-0.12	0.0	405.0	-132.99	-2910.52	409.74	5.485e+04	3.255e+04	-2.955e+05
80	9	5.404e+04	2.555e+04	0.03	-4447.19	0.0	-32.60	1811.23	325.17	4.389e+04	-1.061e+05	-9.451e+04
		-2.615e+05	-1.061e+05	-0.10	0.0	405.0	-32.60	-2635.95	325.17	4.389e+04	2.555e+04	-2.615e+05
80	14	8.580e+04	2.921e+05	0.05	-4447.19	0.0	191.26	1278.02	1364.92	4.266e+04	-2.986e+05	1.243e+05
		-3.719e+05	-2.986e+05	-0.15	0.0	405.0	191.26	-3169.17	1364.92	4.266e+04	2.921e+05	-3.719e+05
80	22	8.803e+04	2.667e+05	0.05	-4447.19							

		-3.813e+05	-3.508e+05	-0.18	0.0	405.0	183.67	-3210.64	1470.62	-3.462e+04	2.667e+05	-3.813e+05
80	27	5.706e+04	2.858e+04	0.03	-4447.19	0.0	1374.83	2664.86	316.78	-6638.70	-9.592e+04	-2.662e+05
		-2.662e+05	-9.592e+04	-0.11	0.0	405.0	1374.83	-1782.33	316.78	-6638.70	2.858e+04	-8.671e+04
80	28	1.181e+05	2.251e+04	0.03	-4447.19	0.0	-1440.04	957.61	333.56	9.442e+04	-1.164e+05	7.714e+04
		-4.363e+05	-1.164e+05	-0.08	0.0	405.0	-1440.04	-3489.58	333.56	9.442e+04	2.251e+04	-4.363e+05
80	30	1.366e+05	1.606e+05	0.04	-4447.19	0.0	-1100.52	794.05	924.63	4.184e+04	-2.334e+05	1.082e+05
		-4.720e+05	-2.334e+05	-0.13	0.0	405.0	-1100.52	-3653.14	924.63	4.184e+04	1.606e+05	-4.720e+05
80	38	1.455e+05	1.696e+05	0.04	-4447.19	0.0	-1016.62	785.40	994.80	3.579e+04	-2.506e+05	1.177e+05
		-4.660e+05	-2.506e+05	-0.12	0.0	405.0	-1016.62	-3661.79	994.80	3.579e+04	1.696e+05	-4.660e+05
80	46	8.580e+04	2.921e+05	0.05	-4447.19	0.0	191.26	1278.02	1364.92	-4.266e+04	-2.986e+05	1.243e+04
		-3.719e+05	-2.986e+05	-0.15	0.0	405.0	191.26	-3169.17	1364.92	-4.266e+04	2.921e+05	-3.719e+05
80	54	8.803e+04	2.655e+05	0.05	-4447.19	0.0	183.67	1236.55	1470.62	-3.462e+04	-3.508e+05	1.933e+04
		-3.813e+05	-3.508e+05	-0.18	0.0	405.0	183.67	-3210.64	1470.62	-3.462e+04	2.667e+05	-3.813e+05
80	59	5.706e+04	2.858e+04	0.03	-4447.19	0.0	1374.83	2664.86	316.78	-6638.70	-9.592e+04	-2.662e+05
		-2.662e+05	-9.592e+04	-0.11	0.0	405.0	1374.83	-1782.33	316.78	-6638.70	2.858e+04	-8.671e+04
80	60	1.181e+05	2.251e+04	0.03	-4447.19	0.0	-1440.04	957.61	333.56	9.442e+04	-1.164e+05	7.714e+04
		-4.363e+05	-1.164e+05	-0.08	0.0	405.0	-1440.04	-3489.58	333.56	9.442e+04	2.251e+04	-4.363e+05
80	62	1.366e+05	1.606e+05	0.04	-4447.19	0.0	-1100.52	794.05	924.63	4.184e+04	-2.334e+05	1.082e+05
		-4.720e+05	-2.334e+05	-0.13	0.0	405.0	-1100.52	-3653.14	924.63	4.184e+04	1.606e+05	-4.720e+05
80	70	1.455e+05	1.696e+05	0.04	-4447.19	0.0	-1016.62	785.40	994.80	3.579e+04	-2.506e+05	1.177e+05
		-4.660e+05	-2.506e+05	-0.12	0.0	405.0	-1016.62	-3661.79	994.80	3.579e+04	1.696e+05	-4.660e+05
80	74	5.404e+04	2.555e+04	0.03	-4447.19	0.0	-32.60	1811.23	325.17	4.389e+04	-1.061e+05	-9.451e+04
		-2.615e+05	-1.061e+05	-0.10	0.0	405.0	-32.60	-2635.95	325.17	4.389e+04	2.555e+04	-2.615e+05
80	75	5.404e+04	2.555e+04	0.03	-4447.19	0.0	-32.60	1811.23	325.17	4.389e+04	-1.061e+05	-9.451e+04
		-2.615e+05	-1.061e+05	-0.10	0.0	405.0	-32.60	-2635.95	325.17	4.389e+04	2.555e+04	-2.615e+05
80	76	5.404e+04	2.555e+04	0.03	-4447.19	0.0	-32.60	1811.23	325.17	4.389e+04	-1.061e+05	-9.451e+04
		-2.615e+05	-1.061e+05	-0.10	0.0	405.0	-32.60	-2635.95	325.17	4.389e+04	2.555e+04	-2.615e+05
81	2	6.256e+04	1787.77	-0.58	-1851.63	0.0	-149.60	789.74	8.81	-4.38	-1824.40	-6444.53
		-6.224e+04	-1824.40	-0.02	0.0	410.0	-149.60	-1061.89	8.81	-4.38	1787.77	-6.224e+04
81	3	1.111e+05	2560.81	-1.04	-3287.34	0.0	-269.01	1404.13	12.63	-5.71	-2615.68	-1.175e+04
		-1.100e+05	-2615.68	-0.03	0.0	410.0	-269.01	-1883.21	12.63	-5.71	2560.81	-1.100e+05
81	7	6.260e+04	1737.82	-0.58	-1851.63	0.0	-150.30	790.25	8.56	-4.19	-1773.74	-6492.74
		-6.207e+04	-1773.74	-0.02	0.0	410.0	-150.30	-1061.38	8.56	-4.19	1737.82	-6.207e+04
81	8	8.245e+04	1913.85	-0.77	-2438.44	0.0	-199.69	1041.67	9.44	-4.27	-1954.87	-8721.07
		-8.152e+04	-1954.87	-0.02	0.0	410.0	-199.69	-1396.77	9.44	-4.27	1913.85	-8.152e+04
81	29	6.086e+04	1.150e+04	-0.58	-1851.63	0.0	-180.19	815.16	56.54	0.37	-1.168e+04	-1.271e+04
		-5.807e+04	-1.168e+04	-0.05	0.0	410.0	-180.19	-1036.48	56.54	0.37	1.150e+04	-5.807e+04
81	35	6.067e+04	5049.74	-0.58	-1851.63	0.0	-188.33	818.89	-24.48	-12.13	5049.74	-1.359e+04
		-5.737e+04	-4986.14	0.02	0.0	410.0	-188.33	-1032.74	-24.48	-12.13	-4986.14	-5.737e+04
81	36	6.474e+04	8211.64	-0.60	-1851.63	0.0	-115.58	763.98	40.38	4.71	-8343.54	377.31
		-6.603e+04	-8343.54	-0.06	0.0	410.0	-115.58	-1087.65	40.38	4.71	8211.64	-6.603e+04
81	40	6.476e+04	7442.15	-0.60	-1851.63	0.0	-115.62	763.94	36.60	2.68	-7563.28	402.39
		-6.601e+04	-7563.28	-0.07	0.0	410.0	-115.62	-1087.70	36.60	2.68	7442.15	-6.601e+04
81	61	6.086e+04	1.150e+04	-0.58	-1851.63	0.0	-180.19	815.16	56.54	0.37	-1.168e+04	-1.271e+04
		-5.807e+04	-1.168e+04	-0.05	0.0	410.0	-180.19	-1036.48	56.54	0.37	1.150e+04	-5.807e+04
81	67	6.067e+04	5049.74	-0.58	-1851.63	0.0	-188.33	818.89	-24.48	-12.13	5049.74	-1.359e+04
		-5.737e+04	-4986.14	0.02	0.0	410.0	-188.33	-1032.74	-24.48	-12.13	-4986.14	-5.737e+04
81	68	6.474e+04	8211.64	-0.60	-1851.63	0.0	-115.58	763.98	40.38	4.71	-8343.54	377.31
		-6.603e+04	-8343.54	-0.06	0.0	410.0	-115.58	-1087.65	40.38	4.71	8211.64	-6.603e+04
81	72	6.476e+04	7442.15	-0.60	-1851.63	0.0	-115.62	763.94	36.60	2.68	-7563.28	402.39
		-6.601e+04	-7563.28	-0.07	0.0	410.0	-115.62	-1087.70	36.60	2.68	7442.15	-6.601e+04
81	74	6.270e+04	1612.75	-0.59	-1851.63	0.0	-151.96	791.43	7.95	-3.71	-1646.90	-6605.73
		-6.170e+04	-1646.90	-0.02	0.0	410.0	-151.96	-1060.20	7.95	-3.71	1612.75	-6.170e+04
81	75	6.270e+04	1612.75	-0.59	-1851.63	0.0	-151.96	791.43	7.95	-3.71	-1646.90	-6605.73
		-6.170e+04	-1646.90	-0.02	0.0	410.0	-151.96	-1060.20	7.95	-3.71	1612.75	-6.170e+04
81	76	6.270e+04	1612.75	-0.59	-1851.63	0.0	-151.96	791.43	7.95	-3.71	-1646.90	-6605.73
		-6.170e+04	-1646.90	-0.02	0.0	410.0	-151.96	-1060.20	7.95	-3.71	1612.75	-6.170e+04
82	2	1.080e+05	4.910e+05	-0.01	-4502.09	0.0	444.35	2600.58	-1795.88	1.009e+05	4.910e+05	-1.998e+05
		-1.998e+05	-4.910e+05	0.21	0.0	410.0	444.35	-1901.51	-1795.88	1.009e+05	-2.453e+05	-5.648e+04
82	3	1.537e+05	9.148e+05	-0.02	-6292.82	0.0	861.46	3485.77	-3430.31	1.388e+05	9.148e+05	-2.420e+05
		-2.420e+05	-9.148e+05	0.41	0.0	410.0	861.46	-2807.05	-3430.31	1.388e+05	-4.916e+05	-1.029e+05
82	5	1.513e+05	6.765e+05	-0.03	-5852.71	0.0	775.90	3521.20	-2516.97	1.156e+05	6.765e+05	-2.823e+05
		-2.823e+05	-6.765e+05	0.30	0.0	410.0	775.90	-2331.52	-2516.97	1.156e+05	-3.554e+05	-3.842e+04
82	7	1.104e+05	5.000e+05	-0.02	-4502.09	0.0	492.86	2636.53	-1838.84	9.722e+04	5.000e+05	-2.056e+05
		-2.056e+05	-5.000e+05	0.22	0.0	410.0	492.86	-1865.56	-1838.84	9.722e+04	-2.540e+05	-4.759e+04
82	8	1.180e+05	6.808e+05	-0.01	-4795.49	0.0	658.25	2685.12	-2552.14	1.038e+05	6.808e+05	-1.902e+05
		-1.902e+05	-6.808e+05	0.31	0.0	410.0	658.25	-2110.38	-2552.14	1.038e+05	-3.656e+05	-1.237e+04
82	9	1.166e+05	5.219e+05	-0.02	-4502.09	0.0	601.20	2708.73	-1943.24	8.842e+04	5.219e+05	-2.170e+05
		-2.170e+05	-5.219e+05	0.23	0.0	410.0	601.20	-1793.35	-1943.24	8.842e+04	-2.748e+05	-2.939e+04
82	16	1.179e+05	6.739e+05	-0.05	-4502.09	0.0	1282.25	2807.86	-2479.64	1.530e+05	6.739e+05	-2.425e+05
		-2.425e+05	-6.739e+05	0.27	0.0	410.0	1282.25	-1694.22	-2479.64	1.530e+05	-4.203e+05	-1.188e+04
82	20	1.075e+05	6.652e+05	-0.04	-4502.09	0.0	1397.59	2688.27	-2689.17	1.783e+05	6.652e+05	-2.236e+05
		-2.236e+05	-6.652e+05	0.30	0.0	410.0	1397.59	-1813.82	-2689.17	1.783e+05	-4.723e+05	-4.001e+04
82	23	1.197e+05	3.739e+05	-8.74e-03	-4502.09	0.0	-244.20	2681.08	-1191.98	817.76	3.739e+05	-2.042e+05
		-2.042e+05	-3.739e+05	0.16	0.0	410.0	-244.20	-1821.00	-1191.98	817.76	-7.971e+04	-3.213e+04
82	24	1.134e+05	6.700e+05	-0.04	-4502.09	0.0	1446.60	2736.38	-2694.50	1.760e+05	6.700e+05	-2.299e+05
		-2.299e+05	-6.700e+05	0.31	0.0	410.0	1446.60	-1765.70	-2694.50	1.760e+05	-4.699e+05	-2.665e+04

82	29	2.840e+05	5.027e+05	-0.01	-4502.09	0.0	357.20	3866.67	-1768.20	1.256e+05	5.027e+05	-3.975e+05
		-3.975e+05	-2.349e+05	0.25	0.0	410.0	357.20	-635.42	-1768.20	1.256e+05	-2.349e+05	2.660e+05
82	48	1.179e+05	6.739e+05	-0.05	-4502.09	0.0	1282.25	2807.86	-2479.64	1.530e+05	6.739e+05	-2.425e+05
		-2.425e+05	-4.203e+05	0.27	0.0	410.0	1282.25	-1694.22	-2479.64	1.530e+05	-4.203e+05	-1.188e+04
82	52	1.075e+05	6.652e+05	-0.04	-4502.09	0.0	1397.59	2688.27	-2689.17	1.783e+05	6.652e+05	-2.236e+05
		-2.236e+05	-4.723e+05	0.30	0.0	410.0	1397.59	-1813.82	-2689.17	1.783e+05	-4.723e+05	-4.001e+04
82	55	1.197e+05	3.739e+05	-8.74e-03	-4502.09	0.0	-244.20	2681.08	-1191.98	817.76	3.739e+05	-2.042e+05
		-2.042e+05	-7.971e+04	0.16	0.0	410.0	-244.20	-1821.00	-1191.98	817.76	-7.971e+04	-3.213e+04
82	56	1.134e+05	6.700e+05	-0.04	-4502.09	0.0	1446.60	2736.38	-2694.50	1.760e+05	6.700e+05	-2.299e+05
		-2.299e+05	-4.699e+05	0.31	0.0	410.0	1446.60	-1765.70	-2694.50	1.760e+05	-4.699e+05	-2.665e+04
82	61	2.840e+05	5.027e+05	-0.01	-4502.09	0.0	357.20	3866.67	-1768.20	1.256e+05	5.027e+05	-3.975e+05
		-3.975e+05	-2.349e+05	0.25	0.0	410.0	357.20	-635.42	-1768.20	1.256e+05	-2.349e+05	2.660e+05
82	74	1.166e+05	5.219e+05	-0.02	-4502.09	0.0	601.20	2708.73	-1943.24	8.842e+04	5.219e+05	-2.170e+05
		-2.170e+05	-2.748e+05	0.23	0.0	410.0	601.20	-1793.35	-1943.24	8.842e+04	-2.748e+05	-2.939e+04
82	75	1.166e+05	5.219e+05	-0.02	-4502.09	0.0	601.20	2708.73	-1943.24	8.842e+04	5.219e+05	-2.170e+05
		-2.170e+05	-2.748e+05	0.23	0.0	410.0	601.20	-1793.35	-1943.24	8.842e+04	-2.748e+05	-2.939e+04
82	76	1.166e+05	5.219e+05	-0.02	-4502.09	0.0	601.20	2708.73	-1943.24	8.842e+04	5.219e+05	-2.170e+05
		-2.170e+05	-2.748e+05	0.23	0.0	410.0	601.20	-1793.35	-1943.24	8.842e+04	-2.748e+05	-2.939e+04
88	1	1.855e+04	6942.29	0.09	-1640.93	0.0	-474.62	813.43	-57.60	-1414.17	6942.29	-4.028e+04
		-4.233e+04	-9865.26	9.23e-03	0.0	291.8	438.31	-827.50	-57.60	-1414.17	-9865.26	-4.233e+04
88	3	2.499e+04	4963.29	0.07	-2042.03	0.0	-418.55	1025.31	-43.54	-1598.42	4963.29	-5.013e+04
		-5.013e+04	-7741.08	-4.04e-03	0.0	291.8	717.54	-1016.72	-43.54	-1598.42	-7741.08	-4.887e+04
88	7	1.444e+04	5092.82	0.07	-1262.25	0.0	-351.46	625.74	-42.49	-1080.07	5092.82	-3.081e+04
		-3.238e+04	-7306.84	5.98e-03	0.0	291.8	530.80	-636.51	-42.49	-1080.07	-7306.84	-3.238e+04
88	8	1.873e+04	3773.49	0.05	-1529.65	0.0	-314.08	767.00	-33.12	-1202.90	3773.49	-3.738e+04
		-3.738e+04	-5890.72	-3.02e-03	0.0	291.8	536.95	-762.66	-33.12	-1202.90	-5890.72	-3.674e+04
88	19	1.214e+04	2513.98	0.05	-1262.25	0.0	-913.89	528.50	-26.01	919.03	2513.98	-2.174e+04
		-4.790e+04	-5696.08	0.04	0.0	291.8	-211.63	-733.75	-26.01	919.03	-5696.08	-4.790e+04
88	32	2.349e+04	2.176e+04	0.06	-1262.25	0.0	-1468.95	703.43	-177.20	-3842.64	2.176e+04	-2.677e+04
		-2.677e+04	-2.993e+04	-0.05	0.0	291.8	-766.70	-558.82	-177.20	-3842.64	-2.993e+04	-1.833e+04
88	34	1.441e+04	2.543e+04	0.06	-1262.25	0.0	-1732.83	572.19	-208.66	-2929.55	2.543e+04	-2.334e+04
		-4.066e+04	-3.568e+04	-0.03	0.0	291.8	-1030.58	-690.07	-208.66	-2929.55	-3.568e+04	-4.066e+04
88	38	1.440e+04	2.532e+04	0.06	-1262.25	0.0	-2314.03	571.31	-208.78	-2850.21	2.532e+04	-2.323e+04
		-4.080e+04	-3.588e+04	-0.03	0.0	291.8	-1611.78	-690.94	-208.78	-2850.21	-3.588e+04	-4.080e+04
88	41	1.654e+04	2.352e+04	0.05	-1262.25	0.0	1737.22	679.96	138.29	746.87	-1.711e+04	-3.687e+04
		-3.687e+04	-1.711e+04	0.03	0.0	291.8	2439.48	-582.29	138.29	746.87	2.352e+04	-2.250e+04
88	51	1.214e+04	2513.98	0.05	-1262.25	0.0	-913.89	528.50	-26.01	919.03	2513.98	-2.174e+04
		-4.790e+04	-5696.08	0.04	0.0	291.8	-211.63	-733.75	-26.01	919.03	-5696.08	-4.790e+04
88	64	2.349e+04	2.176e+04	0.06	-1262.25	0.0	-1468.95	703.43	-177.20	-3842.64	2.176e+04	-2.677e+04
		-2.677e+04	-2.993e+04	-0.05	0.0	291.8	-766.70	-558.82	-177.20	-3842.64	-2.993e+04	-1.833e+04
88	66	1.441e+04	2.543e+04	0.06	-1262.25	0.0	-1732.83	572.19	-208.66	-2929.55	2.543e+04	-2.334e+04
		-4.066e+04	-3.568e+04	-0.03	0.0	291.8	-1030.58	-690.07	-208.66	-2929.55	-3.568e+04	-4.066e+04
88	70	1.440e+04	2.532e+04	0.06	-1262.25	0.0	-2314.03	571.31	-208.78	-2850.21	2.532e+04	-2.323e+04
		-4.080e+04	-3.588e+04	-0.03	0.0	291.8	-1611.78	-690.94	-208.78	-2850.21	-3.588e+04	-4.080e+04
88	73	1.654e+04	2.352e+04	0.05	-1262.25	0.0	1737.22	679.96	138.29	746.87	-1.711e+04	-3.687e+04
		-3.687e+04	-1.711e+04	0.03	0.0	291.8	2439.48	-582.29	138.29	746.87	2.352e+04	-2.250e+04
88	74	1.519e+04	4103.71	0.05	-1262.25	0.0	-288.41	625.63	-35.24	-1051.67	4103.71	-3.005e+04
		-3.165e+04	-6181.05	1.35e-03	0.0	291.8	413.85	-636.62	-35.24	-1051.67	-6181.05	-3.165e+04
88	75	1.519e+04	4103.71	0.05	-1262.25	0.0	-288.41	625.63	-35.24	-1051.67	4103.71	-3.005e+04
		-3.165e+04	-6181.05	1.35e-03	0.0	291.8	413.85	-636.62	-35.24	-1051.67	-6181.05	-3.165e+04
88	76	1.519e+04	4103.71	0.05	-1262.25	0.0	-288.41	625.63	-35.24	-1051.67	4103.71	-3.005e+04
		-3.165e+04	-6181.05	1.35e-03	0.0	291.8	413.85	-636.62	-35.24	-1051.67	-6181.05	-3.165e+04
89	1	1.701e+04	5433.29	0.08	-1644.50	0.0	89.07	739.36	47.22	250.34	-6634.20	-2.543e+04
		-4.661e+04	-6634.20	-0.01	0.0	255.6	89.07	905.13	47.22	250.34	5433.29	-4.661e+04
89	2	1.313e+04	4120.35	0.07	-1265.00	0.0	61.06	566.01	36.28	217.95	-5150.45	-1.921e+04
		-3.620e+04	-5150.45	-0.01	0.0	255.6	61.06	-698.98	36.28	217.95	4120.35	-3.620e+04
89	3	2.137e+04	6223.44	0.06	-2104.50	0.0	206.21	1018.92	47.74	-175.14	-5977.92	-4.160e+04
		-5.012e+04	-5977.92	-0.02	0.0	255.6	206.21	-1085.57	47.74	-175.14	6223.44	-5.012e+04
89	7	1.302e+04	4172.37	0.06	-1265.00	0.0	76.28	572.95	35.77	159.60	-4967.81	-2.010e+04
		-3.532e+04	-4967.81	-0.01	0.0	255.6	76.28	-692.05	35.77	159.60	4172.37	-3.532e+04
89	8	1.593e+04	4699.13	0.05	-1571.66	0.0	154.38	759.32	36.12	-124.05	-4530.29	-3.088e+04
		-3.766e+04	-4530.29	-0.01	0.0	255.6	154.38	-812.34	36.12	-124.05	4699.13	-3.766e+04
89	19	1.887e+04	7064.42	0.05	-1265.00	0.0	-299.45	391.22	50.51	2211.30	-5896.27	3410.55
		-5.825e+04	-5896.27	0.02	0.0	255.6	-299.45	-873.77	50.51	2211.30	7064.42	-5.825e+04
89	30	1.259e+04	3.439e+04	0.05	-1265.00	0.0	-998.54	676.64	255.90	-1713.54	-3.106e+04	-3.353e+04
		-3.353e+04	-3.106e+04	-0.04	0.0	255.6	-998.54	-588.36	255.90	-1713.54	3.439e+04	-2.225e+04
89	38	1.585e+04	3.422e+04	0.05	-1265.00	0.0	-1060.60	461.69	258.28	-1379.95	-3.182e+04	-5660.46
		-4.931e+04	-3.182e+04	-0.03	0.0	255.6	-1060.60	-803.31	258.28	-1379.95	3.422e+04	-4.931e+04
89	41	1.320e+04	2.291e+04	0.06	-1265.00	0.0	1285.51	719.67	-190.28	1410.02	2.291e+04	-3.911e+04
		-3.911e+04	-2.576e+04	0.01	0.0	255.6	1285.51	-545.33	-190.28	1410.02	-2.576e+04	-1.683e+04
89	51	1.887e+04	7064.42	0.05	-1265.00	0.0	-299.45	391.22	50.51	2211.30	-5896.27	3410.55
		-5.825e+04	-5896.27	0.02	0.0	255.6	-299.45	-873.77	50.51	2211.30	7064.42	-5.825e+04
89	62	1.259e+04	3.439e+04	0.05	-1265.00	0.0	-998.54	676.64	255.90	-1713.54	-3.106e+04	-3.353e+04
		-3.353e+04	-3.106e+04	-0.04	0.0	255.6	-998.54	-588.36	255.90	-1713.54	3.439e+04	-2.225e+04
89	70	1.585e+04	3.422e+04	0.05	-1265.00	0.0	-1060.60	461.69	258.28	-1379.95	-3.182e+04	-5660.46
		-4.931e+04	-3.182e+04	-0.03	0.0	255.6	-1060.60	-803.31	258.28	-1379.95	3.422e+04	-4.931e+04
89	73	1.320e+04	2.291e+04	0.06	-1265.00	0.0	1285.51	719.67	-190.28	1410.02	2.291e+04	-3.911e+04

		-3.911e+04	-2.576e+04	0.01	0.0	255.6	1285.51	-545.33	-190.28	1410.02	-2.576e+04	-1.683e+04
89	74	1.272e+04	4233.54	0.05	-1265.00	0.0	112.45	590.68	34.00	15.04	-4455.39	-2.238e+04
		-3.307e+04	-4455.39	-0.01	0.0	255.6	112.45	-674.32	34.00	15.04	4233.54	-3.307e+04
89	75	1.272e+04	4233.54	0.05	-1265.00	0.0	112.45	590.68	34.00	15.04	-4455.39	-2.238e+04
		-3.307e+04	-4455.39	-0.01	0.0	255.6	112.45	-674.32	34.00	15.04	4233.54	-3.307e+04
89	76	1.272e+04	4233.54	0.05	-1265.00	0.0	112.45	590.68	34.00	15.04	-4455.39	-2.238e+04
		-3.307e+04	-4455.39	-0.01	0.0	255.6	112.45	-674.32	34.00	15.04	4233.54	-3.307e+04
91	3	2.656e+04	6488.53	0.04	-2108.19	0.0	-578.47	1070.87	-39.96	-629.18	6488.53	-5.764e+04
		-5.764e+04	-5887.17	-8.91e-03	0.0	309.7	706.08	-1037.32	-39.96	-629.18	-5887.17	-5.244e+04
91	8	1.992e+04	4917.79	0.03	-1579.99	0.0	-433.78	802.62	-30.28	-472.65	4917.79	-4.319e+04
		-4.319e+04	-4460.40	-6.74e-03	0.0	309.7	528.93	-777.37	-30.28	-472.65	-4460.40	-3.928e+04
91	20	1.837e+04	3885.29	0.03	-1309.00	0.0	-877.07	777.66	-15.91	-2754.25	3885.29	-5.297e+04
		-5.297e+04	-2.511e+04	-0.07	0.0	309.7	-79.48	-531.35	-15.91	-2754.25	-2.511e+04	-1.483e+04
91	31	1.723e+04	2.957e+04	0.02	-1309.00	0.0	233.38	566.83	139.49	2691.43	-2.090e+04	-2.077e+04
		-4.792e+04	-2.090e+04	0.08	0.0	309.7	1030.97	-742.17	139.49	2691.43	2.957e+04	-4.792e+04
91	32	1.807e+04	3.029e+04	0.04	-1309.00	0.0	-974.45	760.20	-195.99	-3418.81	3.029e+04	-5.022e+04
		-5.022e+04	-3.768e+04	-0.09	0.0	309.7	-176.85	-548.80	-195.99	-3418.81	-3.768e+04	-1.749e+04
91	38	1.673e+04	3.630e+04	0.04	-1309.00	0.0	-730.25	596.26	-237.77	-2221.87	3.630e+04	-2.525e+04
		-4.329e+04	-3.014e+04	-0.06	0.0	309.7	67.34	-712.74	-237.77	-2221.87	-3.014e+04	-4.329e+04
91	52	1.837e+04	3885.29	0.03	-1309.00	0.0	-877.07	777.66	-15.91	-2754.25	3885.29	-5.297e+04
		-5.297e+04	-2.511e+04	-0.07	0.0	309.7	-79.48	-531.35	-15.91	-2754.25	-2.511e+04	-1.483e+04
91	63	1.723e+04	2.957e+04	0.02	-1309.00	0.0	233.38	566.83	139.49	2691.43	-2.090e+04	-2.077e+04
		-4.792e+04	-2.090e+04	0.08	0.0	309.7	1030.97	-742.17	139.49	2691.43	2.957e+04	-4.792e+04
91	64	1.807e+04	3.029e+04	0.04	-1309.00	0.0	-974.45	760.20	-195.99	-3418.81	3.029e+04	-5.022e+04
		-5.022e+04	-3.768e+04	-0.09	0.0	309.7	-176.85	-548.80	-195.99	-3418.81	-3.768e+04	-1.749e+04
91	70	1.673e+04	3.630e+04	0.04	-1309.00	0.0	-730.25	596.26	-237.77	-2221.87	3.630e+04	-2.525e+04
		-4.329e+04	-3.014e+04	-0.06	0.0	309.7	67.34	-712.74	-237.77	-2221.87	-3.014e+04	-4.329e+04
91	74	1.657e+04	4692.61	0.03	-1309.00	0.0	-370.54	663.52	-28.25	-363.69	4692.61	-3.549e+04
		-3.549e+04	-4054.78	-3.81e-03	0.0	309.7	427.06	-645.48	-28.25	-363.69	-4054.78	-3.270e+04
91	75	1.657e+04	4692.61	0.03	-1309.00	0.0	-370.54	663.52	-28.25	-363.69	4692.61	-3.549e+04
		-3.549e+04	-4054.78	-3.81e-03	0.0	309.7	427.06	-645.48	-28.25	-363.69	-4054.78	-3.270e+04
91	76	1.657e+04	4692.61	0.03	-1309.00	0.0	-370.54	663.52	-28.25	-363.69	4692.61	-3.549e+04
		-3.549e+04	-4054.78	-3.81e-03	0.0	309.7	427.06	-645.48	-28.25	-363.69	-4054.78	-3.270e+04
93	1	2.999e+04	755.83	0.05	-2027.02	0.0	-64.36	1068.57	12.35	-165.01	-3133.58	-5.849e+04
		-5.849e+04	-3133.58	-0.01	0.0	315.0	-64.36	-958.46	12.35	-165.01	755.83	-4.115e+04
93	3	3.867e+04	1516.29	0.05	-2594.02	0.0	-61.26	1376.32	18.59	-461.75	-4338.34	-7.596e+04
		-7.596e+04	-4338.34	-0.02	0.0	315.0	-61.26	-1217.70	18.59	-461.75	1516.29	-5.098e+04
93	6	2.312e+04	867.60	0.04	-1559.25	0.0	-40.28	825.78	11.67	-242.17	-2808.40	-4.555e+04
		-4.555e+04	-2808.40	-9.01e-03	0.0	315.0	-40.28	-733.47	11.67	-242.17	867.60	-3.101e+04
93	7	2.308e+04	629.70	0.04	-1559.25	0.0	-47.94	822.69	9.84	-146.83	-2470.35	-4.510e+04
		-4.510e+04	-2470.35	-8.54e-03	0.0	315.0	-47.94	-736.56	9.84	-146.83	629.70	-3.153e+04
93	8	2.886e+04	1136.68	0.04	-1937.25	0.0	-45.87	1027.86	14.00	-344.65	-3273.52	-5.675e+04
		-5.675e+04	-3273.52	-0.01	0.0	315.0	-45.87	-909.39	14.00	-344.65	1136.68	-3.809e+04
93	9	2.311e+04	848.59	0.04	-1559.25	0.0	-40.92	825.38	11.57	-233.68	-2795.59	-4.549e+04
		-4.549e+04	-2795.59	-8.96e-03	0.0	315.0	-40.92	-733.87	11.57	-233.68	848.59	-3.108e+04
93	19	2.305e+04	1.509e+04	0.03	-1559.25	0.0	-100.48	688.43	-67.46	2389.94	1.509e+04	-2.482e+04
		-5.354e+04	-6217.23	0.04	0.0	315.0	-100.48	-870.82	-67.46	2389.94	-6217.23	-5.354e+04
93	20	2.737e+04	7914.41	0.04	-1559.25	0.0	18.65	962.34	90.60	-2857.30	-2.068e+04	-6.616e+04
		-6.616e+04	-2.068e+04	-0.06	0.0	315.0	18.65	-596.91	90.60	-2857.30	7914.41	-8609.54
93	31	2.285e+04	2.392e+04	0.03	-1559.25	0.0	-99.15	706.43	-102.19	3038.52	2.392e+04	-2.750e+04
		-5.055e+04	-8373.79	0.05	0.0	315.0	-99.15	-852.82	-102.19	3038.52	-8373.79	-5.055e+04
93	32	2.650e+04	1.007e+04	0.04	-1559.25	0.0	17.32	944.33	125.33	-3505.88	-2.951e+04	-6.348e+04
		-6.348e+04	-2.951e+04	-0.07	0.0	315.0	17.32	-614.92	125.33	-3505.88	1.007e+04	-1.160e+04
93	51	2.305e+04	1.509e+04	0.03	-1559.25	0.0	-100.48	688.43	-67.46	2389.94	1.509e+04	-2.482e+04
		-5.354e+04	-6217.23	0.04	0.0	315.0	-100.48	-870.82	-67.46	2389.94	-6217.23	-5.354e+04
93	52	2.737e+04	7914.41	0.04	-1559.25	0.0	18.65	962.34	90.60	-2857.30	-2.068e+04	-6.616e+04
		-6.616e+04	-2.068e+04	-0.06	0.0	315.0	18.65	-596.91	90.60	-2857.30	7914.41	-8609.54
93	63	2.285e+04	2.392e+04	0.03	-1559.25	0.0	-99.15	706.43	-102.19	3038.52	2.392e+04	-2.750e+04
		-5.055e+04	-8373.79	0.05	0.0	315.0	-99.15	-852.82	-102.19	3038.52	-8373.79	-5.055e+04
93	64	2.650e+04	1.007e+04	0.04	-1559.25	0.0	17.32	944.33	125.33	-3505.88	-2.951e+04	-6.348e+04
		-6.348e+04	-2.951e+04	-0.07	0.0	315.0	17.32	-614.92	125.33	-3505.88	1.007e+04	-1.160e+04
93	74	2.311e+04	848.59	0.04	-1559.25	0.0	-40.92	825.38	11.57	-233.68	-2795.59	-4.549e+04
		-4.549e+04	-2795.59	-8.96e-03	0.0	315.0	-40.92	-733.87	11.57	-233.68	848.59	-3.108e+04
93	75	2.311e+04	848.59	0.04	-1559.25	0.0	-40.92	825.38	11.57	-233.68	-2795.59	-4.549e+04
		-4.549e+04	-2795.59	-8.96e-03	0.0	315.0	-40.92	-733.87	11.57	-233.68	848.59	-3.108e+04
93	76	2.311e+04	848.59	0.04	-1559.25	0.0	-40.92	825.38	11.57	-233.68	-2795.59	-4.549e+04
		-4.549e+04	-2795.59	-8.96e-03	0.0	315.0	-40.92	-733.87	11.57	-233.68	848.59	-3.108e+04
94	2	2.301e+04	365.12	0.05	-1559.25	0.0	-82.19	814.73	5.53	-62.56	-1375.72	-4.391e+04
		-4.391e+04	-1375.72	-8.40e-03	0.0	315.0	-82.19	-744.52	5.53	-62.56	365.12	-3.285e+04
94	3	3.856e+04	1273.97	0.05	-2594.02	0.0	-137.98	1362.30	13.52	-386.78	-2985.67	-7.387e+04
		-7.387e+04	-2985.67	-0.02	0.0	315.0	-137.98	-1231.72	13.52	-386.78	1273.97	-5.330e+04
94	7	2.302e+04	456.85	0.04	-1559.25	0.0	-83.42	815.34	6.28	-97.12	-1521.23	-4.400e+04
		-4.400e+04	-1521.23	-8.56e-03	0.0	315.0	-83.42	-743.91	6.28	-97.12	456.85	-3.275e+04
94	8	2.878e+04	953.05	0.04	-1937.25	0.0	-103.45	1017.38	10.15	-287.89	-2244.87	-5.518e+04
		-5.518e+04	-2244.87	-0.01	0.0	315.0	-103.45	-919.87	10.15	-287.89	953.05	-3.982e+04
94	13	2.587e+04	1.393e+04	0.04	-1559.25	0.0	-26.61	928.14	-61.09	2059.28	1.393e+04	-6.093e+04
		-6.093e+04	-5394.45	-0.02	0.0	315.0	-26.61	-631.11	-61.09	2059.28	-5394.45	-1.415e+04

94	18	2.270e+04	2183.47	0.04	-1559.25	0.0	-163.16	707.27	-12.45	808.38	2183.47	-2.776e+04
		-5.055e+04	-1739.73	0.01	0.0	315.0	-163.16	-851.98	-12.45	808.38	-1739.73	-5.055e+04
94	21	2.583e+04	3099.04	0.04	-1559.25	0.0	-8.66	927.13	28.45	-1174.62	-5862.79	-6.077e+04
		-6.077e+04	-5862.79	-0.03	0.0	315.0	-8.66	-632.12	28.45	-1174.62	3099.04	-1.430e+04
94	31	2.328e+04	2.505e+04	-0.02	-1559.25	0.0	-53.41	832.66	-106.48	3102.80	2.505e+04	-4.656e+04
		-4.656e+04	-8587.93	0.05	0.0	315.0	-53.41	-726.59	-106.48	3102.80	-8587.93	-2.985e+04
94	32	2.291e+04	9947.24	0.05	-1559.25	0.0	-118.41	801.74	122.47	-3469.03	-2.873e+04	-4.197e+04
		-4.197e+04	-2.873e+04	-0.07	0.0	315.0	-118.41	-757.51	122.47	-3469.03	9947.24	-3.500e+04
94	45	2.587e+04	1.393e+04	0.04	-1559.25	0.0	-26.61	928.14	-61.09	2059.28	1.393e+04	-6.093e+04
		-6.093e+04	-5394.45	-0.02	0.0	315.0	-26.61	-631.11	-61.09	2059.28	-5394.45	-1.415e+04
94	50	2.270e+04	2183.47	0.04	-1559.25	0.0	-163.16	707.27	-12.45	808.38	2183.47	-2.776e+04
		-5.055e+04	-1739.73	0.01	0.0	315.0	-163.16	-851.98	-12.45	808.38	-1739.73	-5.055e+04
94	53	2.583e+04	3099.04	0.04	-1559.25	0.0	-8.66	927.13	28.45	-1174.62	-5862.79	-6.077e+04
		-6.077e+04	-5862.79	-0.03	0.0	315.0	-8.66	-632.12	28.45	-1174.62	3099.04	-1.430e+04
94	63	2.328e+04	2.505e+04	-0.02	-1559.25	0.0	-53.41	832.66	-106.48	3102.80	2.505e+04	-4.656e+04
		-4.656e+04	-8587.93	0.05	0.0	315.0	-53.41	-726.59	-106.48	3102.80	-8587.93	-2.985e+04
94	64	2.291e+04	9947.24	0.05	-1559.25	0.0	-118.41	801.74	122.47	-3469.03	-2.873e+04	-4.197e+04
		-4.197e+04	-2.873e+04	-0.07	0.0	315.0	-118.41	-757.51	122.47	-3469.03	9947.24	-3.500e+04
94	74	2.305e+04	679.65	0.04	-1559.25	0.0	-85.91	817.20	8.00	-183.12	-1839.66	-4.426e+04
		-4.426e+04	-1839.66	-8.98e-03	0.0	315.0	-85.91	-742.05	8.00	-183.12	679.65	-3.243e+04
94	75	2.305e+04	679.65	0.04	-1559.25	0.0	-85.91	817.20	8.00	-183.12	-1839.66	-4.426e+04
		-4.426e+04	-1839.66	-8.98e-03	0.0	315.0	-85.91	-742.05	8.00	-183.12	679.65	-3.243e+04
94	76	2.305e+04	679.65	0.04	-1559.25	0.0	-85.91	817.20	8.00	-183.12	-1839.66	-4.426e+04
		-4.426e+04	-1839.66	-8.98e-03	0.0	315.0	-85.91	-742.05	8.00	-183.12	679.65	-3.243e+04
96	1	2.129e+04	2125.39	0.06	-1701.70	0.0	-643.90	848.63	-13.82	-276.63	2125.39	-4.424e+04
		-4.492e+04	-2153.07	2.65e-03	0.0	309.7	392.97	-853.07	-13.82	-276.63	-2153.07	-4.492e+04
96	3	2.637e+04	1571.94	0.05	-2108.19	0.0	-817.34	1056.18	-14.50	-554.87	1571.94	-5.556e+04
		-5.556e+04	-2917.53	-8.90e-03	0.0	309.7	467.21	-1052.02	-14.50	-554.87	-2917.53	-5.492e+04
96	7	1.639e+04	1563.39	0.04	-1309.00	0.0	-497.41	653.30	-10.49	-228.34	1563.39	-3.410e+04
		-3.447e+04	-1684.44	1.04e-03	0.0	309.7	300.18	-655.70	-10.49	-228.34	-1684.44	-3.447e+04
96	8	1.977e+04	1194.42	0.04	-1579.99	0.0	-613.04	791.66	-10.94	-413.83	1194.42	-4.164e+04
		-4.164e+04	-2194.08	-6.74e-03	0.0	309.7	349.68	-788.33	-10.94	-413.83	-2194.08	-4.113e+04
96	18	1.784e+04	2.048e+04	0.03	-1309.00	0.0	10.64	553.68	-141.60	528.95	2.048e+04	-1.837e+04
		-4.960e+04	1487.10	0.02	0.0	309.7	808.24	-755.32	-141.60	528.95	1487.10	-4.960e+04
96	21	1.737e+04	-5290.56	0.04	-1309.00	0.0	-1028.17	756.40	120.60	-1127.00	-1.778e+04	-5.026e+04
		-5.026e+04	-1.778e+04	-0.03	0.0	309.7	-230.58	-552.60	120.60	-1127.00	-5290.56	-1.870e+04
96	30	1.720e+04	3.335e+04	0.04	-1309.00	0.0	89.34	585.88	-223.31	-2464.22	3.335e+04	-2.338e+04
		-4.464e+04	-2.839e+04	-0.06	0.0	309.7	886.93	-723.13	-223.31	-2464.22	-2.839e+04	-4.464e+04
96	32	1.654e+04	2.706e+04	0.05	-1309.00	0.0	-134.82	639.03	-178.97	-3438.42	2.706e+04	-3.173e+04
		-3.653e+04	-3.586e+04	-0.09	0.0	309.7	662.77	-669.98	-178.97	-3438.42	-3.586e+04	-3.653e+04
96	33	1.677e+04	2.458e+04	0.03	-1309.00	0.0	-1106.87	724.21	202.32	1866.17	-3.065e+04	-4.525e+04
		-4.525e+04	-3.065e+04	0.05	0.0	309.7	-309.28	-584.80	202.32	1866.17	2.458e+04	-2.366e+04
96	38	1.681e+04	3.413e+04	0.04	-1309.00	0.0	39.68	596.49	-225.11	-2241.34	3.413e+04	-2.521e+04
		-4.318e+04	-2.813e+04	-0.06	0.0	309.7	837.28	-712.51	-225.11	-2241.34	-2.813e+04	-4.318e+04
96	50	1.784e+04	2.048e+04	0.03	-1309.00	0.0	10.64	553.68	-141.60	528.95	2.048e+04	-1.837e+04
		-4.960e+04	1487.10	0.02	0.0	309.7	808.24	-755.32	-141.60	528.95	1487.10	-4.960e+04
96	53	1.737e+04	-5290.56	0.04	-1309.00	0.0	-1028.17	756.40	120.60	-1127.00	-1.778e+04	-5.026e+04
		-5.026e+04	-1.778e+04	-0.03	0.0	309.7	-230.58	-552.60	120.60	-1127.00	-5290.56	-1.870e+04
96	62	1.720e+04	3.335e+04	0.04	-1309.00	0.0	89.34	585.88	-223.31	-2464.22	3.335e+04	-2.338e+04
		-4.464e+04	-2.839e+04	-0.06	0.0	309.7	886.93	-723.13	-223.31	-2464.22	-2.839e+04	-4.464e+04
96	64	1.654e+04	2.706e+04	0.05	-1309.00	0.0	-134.82	639.03	-178.97	-3438.42	2.706e+04	-3.173e+04
		-3.653e+04	-3.586e+04	-0.09	0.0	309.7	662.77	-669.98	-178.97	-3438.42	-3.586e+04	-3.653e+04
96	65	1.677e+04	2.458e+04	0.03	-1309.00	0.0	-1106.87	724.21	202.32	1866.17	-3.065e+04	-4.525e+04
		-4.525e+04	-3.065e+04	0.05	0.0	309.7	-309.28	-584.80	202.32	1866.17	2.458e+04	-2.366e+04
96	70	1.681e+04	3.413e+04	0.04	-1309.00	0.0	39.68	596.49	-225.11	-2241.34	3.413e+04	-2.521e+04
		-4.318e+04	-2.813e+04	-0.06	0.0	309.7	837.28	-712.51	-225.11	-2241.34	-2.813e+04	-4.318e+04
96	74	1.644e+04	1349.33	0.04	-1309.00	0.0	-508.77	655.04	-10.50	-299.03	1349.33	-3.432e+04
		-3.432e+04	-1901.73	-3.80e-03	0.0	309.7	288.83	-653.96	-10.50	-299.03	-1901.73	-3.415e+04
96	75	1.644e+04	1349.33	0.04	-1309.00	0.0	-508.77	655.04	-10.50	-299.03	1349.33	-3.432e+04
		-3.432e+04	-1901.73	-3.80e-03	0.0	309.7	288.83	-653.96	-10.50	-299.03	-1901.73	-3.415e+04
96	76	1.644e+04	1349.33	0.04	-1309.00	0.0	-508.77	655.04	-10.50	-299.03	1349.33	-3.432e+04
		-3.432e+04	-1901.73	-3.80e-03	0.0	309.7	288.83	-653.96	-10.50	-299.03	-1901.73	-3.415e+04
98	2	1.251e+04	2013.99	0.08	-1265.00	0.0	-157.01	554.55	-2.38	-3779.88	2013.99	-1.905e+04
		-3.847e+04	1405.66	-0.01	0.0	255.6	-157.01	-710.45	-2.38	-3779.88	1405.66	-3.847e+04
98	3	2.137e+04	6169.15	0.08	-2104.50	0.0	-261.04	982.75	-16.53	-6188.20	6169.15	-3.704e+04
		-5.480e+04	1944.96	-0.02	0.0	255.6	-261.04	-1121.74	-16.53	-6188.20	1944.96	-5.480e+04
98	6	1.271e+04	3357.77	0.06	-1265.00	0.0	-172.86	573.19	-7.72	-3936.95	3357.77	-2.044e+04
		-3.560e+04	1385.22	-0.01	0.0	255.6	-172.86	-691.81	-7.72	-3936.95	1385.22	-3.560e+04
98	7	1.256e+04	2373.78	0.07	-1265.00	0.0	-162.58	559.47	-3.73	-3835.42	2373.78	-1.905e+04
		-3.772e+04	1420.50	-0.01	0.0	255.6	-162.58	-705.53	-3.73	-3835.42	1420.50	-3.772e+04
98	8	1.595e+04	4607.47	0.06	-1571.66	0.0	-196.92	732.28	-12.28	-4648.70	4607.47	-2.749e+04
		-4.117e+04	1469.79	-0.01	0.0	255.6	-196.92	-839.38	-12.28	-4648.70	1469.79	-4.117e+04
98	9	1.269e+04	3269.64	0.06	-1265.00	0.0	-173.15	571.89	-7.29	-3940.13	3269.64	-2.031e+04
		-3.580e+04	1406.87	-0.01	0.0	255.6	-173.15	-693.10	-7.29	-3940.13	1406.87	-3.580e+04
98	13	1.527e+04	2.233e+04	0.06	-1265.00	0.0	-1008.13	657.92	-151.49	-1958.25	2.233e+04	-2.875e+04
		-2.875e+04	-1.657e+04	-0.02	0.0	255.6	-1008.13	-607.08	-151.49	-1958.25	-1.657e+04	-2.171e+04
98	14	1.189e+04	1.945e+04	0.07	-1265.00	0.0	663.35	481.89	139.82	-5671.49	-1.646e+04	-1.148e+04

		-5.018e+04	-1.646e+04	-2.49e-03	0.0	255.6	663.35	-783.11	139.82	-5671.49	1.945e+04	-5.018e+04
98	38	1.326e+04	3.297e+04	0.08	-1265.00	0.0	542.50	499.16	247.36	-5219.77	-3.032e+04	-1.174e+04
		-4.609e+04	-3.032e+04	-0.03	0.0	255.6	542.50	-765.84	247.36	-5219.77	3.297e+04	-4.609e+04
98	39	1.159e+04	2.865e+04	0.04	-1265.00	0.0	-1324.27	601.41	-201.72	-1666.81	2.865e+04	-2.491e+04
		-3.273e+04	-2.284e+04	0.03	0.0	255.6	-1324.27	-663.59	-201.72	-1666.81	-2.284e+04	-3.273e+04
98	40	1.393e+04	2.565e+04	0.08	-1265.00	0.0	977.97	542.38	187.14	-6213.45	-2.211e+04	-1.571e+04
		-3.887e+04	-2.211e+04	-0.05	0.0	255.6	977.97	-722.62	187.14	-6213.45	2.565e+04	-3.887e+04
98	41	1.321e+04	3.686e+04	0.04	-1265.00	0.0	-888.80	644.63	-261.94	-2660.49	3.686e+04	-2.888e+04
		-2.888e+04	-3.015e+04	0.01	0.0	255.6	-888.80	-620.37	-261.94	-2660.49	-3.015e+04	-2.551e+04
98	45	1.527e+04	2.233e+04	0.06	-1265.00	0.0	-1008.13	657.92	-151.49	-1958.25	2.233e+04	-2.857e+04
		-2.857e+04	-1.657e+04	-0.02	0.0	255.6	-1008.13	-607.08	-151.49	-1958.25	-1.657e+04	-2.171e+04
98	46	1.189e+04	3.945e+04	0.07	-1265.00	0.0	663.35	481.89	139.82	-5671.49	3.945e+04	-1.148e+04
		-5.018e+04	-1.646e+04	-2.49e-03	0.0	255.6	663.35	-783.11	139.82	-5671.49	1.945e+04	-5.018e+04
98	70	1.326e+04	3.297e+04	0.08	-1265.00	0.0	542.50	499.16	247.36	-5219.77	-3.032e+04	-1.174e+04
		-4.609e+04	-3.032e+04	-0.03	0.0	255.6	542.50	-765.84	247.36	-5219.77	3.297e+04	-4.609e+04
98	71	1.159e+04	2.865e+04	0.04	-1265.00	0.0	-1324.27	601.41	-201.72	-1666.81	2.865e+04	-2.491e+04
		-3.273e+04	-2.284e+04	0.03	0.0	255.6	-1324.27	-663.59	-201.72	-1666.81	-2.284e+04	-3.273e+04
98	72	1.393e+04	2.565e+04	0.08	-1265.00	0.0	977.97	542.38	187.14	-6213.45	-2.211e+04	-1.571e+04
		-3.887e+04	-2.211e+04	-0.05	0.0	255.6	977.97	-722.62	187.14	-6213.45	2.565e+04	-3.887e+04
98	73	1.321e+04	3.686e+04	0.04	-1265.00	0.0	-888.80	644.63	-261.94	-2660.49	3.686e+04	-2.888e+04
		-2.888e+04	-3.015e+04	0.01	0.0	255.6	-888.80	-620.37	-261.94	-2660.49	-3.015e+04	-2.551e+04
98	74	1.269e+04	3269.64	0.06	-1265.00	0.0	-173.15	571.89	-7.29	-3940.13	3269.64	-2.031e+04
		-3.580e+04	1406.87	-0.01	0.0	255.6	-173.15	-693.10	-7.29	-3940.13	1406.87	-3.580e+04
98	75	1.269e+04	3269.64	0.06	-1265.00	0.0	-173.15	571.89	-7.29	-3940.13	3269.64	-2.031e+04
		-3.580e+04	1406.87	-0.01	0.0	255.6	-173.15	-693.10	-7.29	-3940.13	1406.87	-3.580e+04
98	76	1.269e+04	3269.64	0.06	-1265.00	0.0	-173.15	571.89	-7.29	-3940.13	3269.64	-2.031e+04
		-3.580e+04	1406.87	-0.01	0.0	255.6	-173.15	-693.10	-7.29	-3940.13	1406.87	-3.580e+04
99	1	2.061e+04	6093.88	0.09	-1640.93	0.0	-768.52	817.21	-10.37	3271.45	6093.88	-3.877e+04
		-3.972e+04	3068.73	8.65e-03	0.0	291.8	144.41	-823.72	-10.37	3271.45	3068.73	-3.972e+04
99	2	1.585e+04	4791.72	0.07	-1262.25	0.0	-585.50	628.87	-8.71	2515.45	4791.72	-2.987e+04
		-3.052e+04	2249.62	7.67e-03	0.0	291.8	116.76	-633.38	-8.71	2515.45	2249.62	-3.052e+04
99	3	2.545e+04	5610.50	0.07	-2042.03	0.0	-930.44	1013.95	2.26	3632.08	4950.44	-4.801e+04
		-5.007e+04	4950.44	-7.13e-03	0.0	291.8	205.65	-1028.08	2.26	3632.08	5610.50	-5.007e+04
99	7	1.586e+04	4487.91	0.07	-1262.25	0.0	-592.97	628.26	-6.81	2491.21	4487.91	-2.977e+04
		-3.060e+04	2501.76	5.41e-03	0.0	291.8	109.29	-634.00	-6.81	2491.21	2501.76	-3.060e+04
99	8	1.908e+04	4196.27	0.05	-1529.65	0.0	-700.91	759.42	1.61	2731.63	3725.61	-3.592e+04
		-3.750e+04	3725.61	-5.34e-03	0.0	291.8	150.11	-770.24	1.61	2731.63	4196.27	-3.750e+04
99	18	1.639e+04	8361.77	0.05	-1262.25	0.0	902.91	635.70	-60.52	5445.55	8361.77	-3.038e+04
		-3.038e+04	-1.132e+04	9.74e-03	0.0	291.8	1605.17	-626.55	-60.52	5445.55	-1.132e+04	-2.893e+04
99	21	1.536e+04	1.757e+04	0.06	-1262.25	0.0	-2116.86	617.69	56.69	-626.37	-995.71	-2.866e+04
		-3.270e+04	-995.71	-0.01	0.0	291.8	-1414.60	-644.56	56.69	-626.37	1.757e+04	-3.270e+04
99	38	1.611e+04	1.352e+04	0.05	-1262.25	0.0	1327.44	631.75	-108.21	5278.58	1.352e+04	-3.020e+04
		-3.020e+04	-1.891e+04	-0.03	0.0	291.8	2029.69	-630.50	-108.21	5278.58	-1.891e+04	-2.966e+04
99	41	1.564e+04	2.516e+04	0.06	-1262.25	0.0	-2541.38	621.65	104.38	-459.41	-6149.17	-2.885e+04
		-3.196e+04	-6149.17	0.03	0.0	291.8	-1839.12	-640.61	104.38	-459.41	2.516e+04	-3.196e+04
99	50	1.639e+04	8361.77	0.05	-1262.25	0.0	902.91	635.70	-60.52	5445.55	8361.77	-3.038e+04
		-3.038e+04	-1.132e+04	9.74e-03	0.0	291.8	1605.17	-626.55	-60.52	5445.55	-1.132e+04	-2.893e+04
99	53	1.536e+04	1.757e+04	0.06	-1262.25	0.0	-2116.86	617.69	56.69	-626.37	-995.71	-2.866e+04
		-3.270e+04	-995.71	-0.01	0.0	291.8	-1414.60	-644.56	56.69	-626.37	1.757e+04	-3.270e+04
99	70	1.611e+04	1.352e+04	0.05	-1262.25	0.0	1327.44	631.75	-108.21	5278.58	1.352e+04	-3.020e+04
		-3.020e+04	-1.891e+04	-0.03	0.0	291.8	2029.69	-630.50	-108.21	5278.58	-1.891e+04	-2.966e+04
99	73	1.564e+04	2.516e+04	0.06	-1262.25	0.0	-2541.38	621.65	104.38	-459.41	-6149.17	-2.885e+04
		-3.196e+04	-6149.17	0.03	0.0	291.8	-1839.12	-640.61	104.38	-459.41	2.516e+04	-3.196e+04
99	74	1.588e+04	3683.03	0.06	-1262.25	0.0	-606.97	626.70	-1.92	2409.59	3683.03	-2.952e+04
		-3.081e+04	3124.18	-3.07e-03	0.0	291.8	95.28	-635.55	-1.92	2409.59	3124.18	-3.081e+04
99	75	1.588e+04	3683.03	0.06	-1262.25	0.0	-606.97	626.70	-1.92	2409.59	3683.03	-2.952e+04
		-3.081e+04	3124.18	-3.07e-03	0.0	291.8	95.28	-635.55	-1.92	2409.59	3124.18	-3.081e+04
99	76	1.588e+04	3683.03	0.06	-1262.25	0.0	-606.97	626.70	-1.92	2409.59	3683.03	-2.952e+04
		-3.081e+04	3124.18	-3.07e-03	0.0	291.8	95.28	-635.55	-1.92	2409.59	3124.18	-3.081e+04
125	1	4.366e+04	3048.55	0.04	-3678.39	0.0	78.91	2016.45	48.23	583.26	-5995.30	-5.990e+04
		-5.990e+04	-5995.30	-0.01	0.0	187.5	78.91	-1661.94	48.23	583.26	3048.55	-2.667e+04
125	2	3.474e+04	2353.60	0.03	-2925.91	0.0	56.00	1598.17	37.30	329.40	-4639.41	-4.702e+04
		-4.702e+04	-4639.41	-9.19e-03	0.0	187.5	56.00	-1327.74	37.30	329.40	2353.60	-2.167e+04
125	3	3.452e+04	3478.07	0.03	-2824.15	0.0	163.01	1655.55	52.87	2120.46	-6434.74	-5.632e+04
		-5.632e+04	-6434.74	-0.02	0.0	187.5	163.01	-1168.60	52.87	2120.46	3478.07	-1.067e+04
125	7	3.202e+04	2336.63	0.03	-2698.11	0.0	67.29	1487.91	36.91	626.27	-4584.93	-4.487e+04
		-4.487e+04	-4584.93	-9.39e-03	0.0	187.5	67.29	-1210.21	36.91	626.27	2336.63	-1.884e+04
125	8	2.593e+04	2622.98	0.02	-2128.62	0.0	123.35	1247.31	40.00	1651.07	-4877.89	-4.248e+04
		-4.248e+04	-4877.89	-0.01	0.0	187.5	123.35	-881.31	40.00	1651.07	2622.98	-8167.15
125	22	2.124e+04	6801.64	0.02	-2128.62	0.0	174.57	806.82	104.15	-2999.56	-1.321e+04	-7386.14
		-5.578e+04	-1.321e+04	5.05e-04	0.0	187.5	174.57	-1321.79	104.15	-2999.56	6801.64	-5.578e+04
125	35	5.885e+04	-1383.80	0.04	-2128.62	0.0	620.57	1784.20	3.61	1748.60	-1920.59	-7.226e+04
		-7.226e+04	-1920.59	-0.02	0.0	187.5	620.57	-344.42	3.61	1748.60	-1383.80	5.169e+04
125	38	2.247e+04	7651.51	0.01	-2128.62	0.0	-408.63	632.55	96.33	-1326.98	-1.077e+04	4912.49
		-7.609e+04	-1.077e+04	1.17e-03	0.0	187.5	-408.63	-1496.06	96.33	-1326.98	7651.51	-7.609e+04
125	39	4.683e+04	-1146.89	0.04	-2128.62	0.0	751.69	1640.45	8.70	1735.13	-2666.28	-7.159e+04
		-7.159e+04	-2666.28	-0.02	0.0	187.5	751.69	-488.17	8.70	1735.13	-1146.89	3.642e+04

125	40	1.968e+04	5740.44	8.40e-03	-2128.62	0.0	-560.41	785.55	63.34	1025.29	-6248.24	-7497.65
		-5.975e+04	-6248.24	-2.89e-03	0.0	187.5	-560.41	-1343.07	63.34	1025.29	5740.44	-5.975e+04
125	41	5.752e+04	1857.56	0.03	-2128.62	0.0	599.90	1793.44	-24.29	4087.41	1857.56	-8.400e+04
		-8.400e+04	-3057.95	-0.02	0.0	187.5	599.90	-335.18	-24.29	4087.41	-3057.95	5.276e+04
125	54	2.124e+04	6801.64	0.02	-2128.62	0.0	174.57	806.82	104.15	-2999.56	-1.321e+04	-7386.14
		-5.578e+04	-1.321e+04	5.05e-04	0.0	187.5	174.57	-1321.79	104.15	-2999.56	6801.64	-5.578e+04
125	67	5.885e+04	-1383.80	0.04	-2128.62	0.0	620.57	1784.20	3.61	1748.60	-1920.59	-7.226e+04
		-7.226e+04	-1920.59	-0.02	0.0	187.5	620.57	-344.42	3.61	1748.60	-1383.80	5.169e+04
125	70	2.247e+04	7651.51	0.01	-2128.62	0.0	-408.63	632.55	96.33	-1326.98	-1.077e+04	4912.49
		-7.609e+04	-1.077e+04	1.17e-03	0.0	187.5	-408.63	-1496.06	96.33	-1326.98	7651.51	-7.609e+04
125	71	4.683e+04	-1146.89	0.04	-2128.62	0.0	751.69	1640.45	8.70	1735.13	-2666.28	-7.159e+04
		-7.159e+04	-2666.28	-0.02	0.0	187.5	751.69	-488.17	8.70	1735.13	-1146.89	3.642e+04
125	72	1.968e+04	5740.44	8.40e-03	-2128.62	0.0	-560.41	785.55	63.34	1025.29	-6248.24	-7497.65
		-5.975e+04	-6248.24	-2.89e-03	0.0	187.5	-560.41	-1343.07	63.34	1025.29	5740.44	-5.975e+04
125	73	5.752e+04	1857.56	0.03	-2128.62	0.0	599.90	1793.44	-24.29	4087.41	1857.56	-8.400e+04
		-8.400e+04	-3057.95	-0.02	0.0	187.5	599.90	-335.18	-24.29	4087.41	-3057.95	5.276e+04
125	74	2.525e+04	2296.78	0.02	-2128.62	0.0	95.64	1213.00	36.02	1380.21	-4457.26	-3.955e+04
		-3.955e+04	-4457.26	-9.86e-03	0.0	187.5	95.64	-915.62	36.02	1380.21	2296.78	-1.167e+04
125	75	2.525e+04	2296.78	0.02	-2128.62	0.0	95.64	1213.00	36.02	1380.21	-4457.26	-3.955e+04
		-3.955e+04	-4457.26	-9.86e-03	0.0	187.5	95.64	-915.62	36.02	1380.21	2296.78	-1.167e+04
125	76	2.525e+04	2296.78	0.02	-2128.62	0.0	95.64	1213.00	36.02	1380.21	-4457.26	-3.955e+04
		-3.955e+04	-4457.26	-9.86e-03	0.0	187.5	95.64	-915.62	36.02	1380.21	2296.78	-1.167e+04
126	1	4.588e+04	6965.65	0.03	-2991.76	0.0	-39.01	747.76	-86.91	-2.585e+04	6965.65	3.163e+04
		-8.246e+04	-6287.91	-7.26e-03	0.0	152.5	-39.01	-2244.00	-86.91	-2.585e+04	-6287.91	-8.246e+04
126	2	3.663e+04	5377.39	0.03	-2379.74	0.0	-40.37	595.21	-67.35	-2.016e+04	5377.39	2.527e+04
		-6.541e+04	-4893.84	-5.48e-03	0.0	152.5	-40.37	-1784.54	-67.35	-2.016e+04	-4893.84	-6.541e+04
126	3	3.121e+04	7490.44	0.03	-2296.98	0.0	137.94	620.21	-89.61	-2.532e+04	7490.44	1.851e+04
		-6.205e+04	-6174.61	-0.01	0.0	152.5	137.94	-1676.76	-89.61	-2.532e+04	-6174.61	-6.205e+04
126	7	3.341e+04	5344.56	0.02	-2194.46	0.0	-15.04	548.79	-66.37	-1.953e+04	5344.56	2.295e+04
		-6.069e+04	-4777.62	-5.69e-03	0.0	152.5	-15.04	-1645.68	-66.37	-1.953e+04	-4777.62	-6.069e+04
126	8	2.363e+04	5694.41	0.02	-1731.27	0.0	102.93	463.75	-68.17	-1.918e+04	5694.41	1.420e+04
		-4.709e+04	-4702.08	-8.35e-03	0.0	152.5	102.93	-1267.52	-68.17	-1.918e+04	-4702.08	-4.709e+04
126	18	2.073e+04	1.229e+04	0.02	-1731.27	0.0	84.74	542.73	-154.78	-6817.45	1.229e+04	7734.44
		-4.143e+04	-1.373e+04	-2.76e-03	0.0	152.5	84.74	-1188.54	-154.78	-6817.45	-1.373e+04	-4.143e+04
126	19	1.128e+04	1.806e+04	0.02	-1731.27	0.0	473.37	886.24	-201.33	-561.18	1.806e+04	-2.334e+04
		-2.334e+04	-1.121e+04	5.36e-03	0.0	152.5	473.37	-845.04	-201.33	-561.18	-1.121e+04	-2.011e+04
126	39	1.073e+04	1.702e+04	0.03	-1731.27	0.0	841.75	1182.71	-153.11	-7966.50	1.702e+04	-5.090e+04
		-5.090e+04	-3470.77	-0.01	0.0	152.5	841.75	-548.57	-153.11	-7966.50	-3470.77	-2505.59
126	40	8.500e+04	-5532.41	8.68e-03	-1731.27	0.0	-743.85	-315.86	24.93	-2.802e+04	-6473.20	8.500e+04
		-9.522e+04	-6473.20	-1.83e-03	0.0	152.5	-743.85	-2047.14	24.93	-2.802e+04	-5532.41	-9.522e+04
126	50	2.073e+04	1.229e+04	0.02	-1731.27	0.0	84.74	542.73	-154.78	-6817.45	1.229e+04	7734.44
		-4.143e+04	-1.373e+04	-2.76e-03	0.0	152.5	84.74	-1188.54	-154.78	-6817.45	-1.373e+04	-4.143e+04
126	51	1.128e+04	1.806e+04	0.02	-1731.27	0.0	473.37	886.24	-201.33	-561.18	1.806e+04	-2.334e+04
		-2.334e+04	-1.121e+04	5.36e-03	0.0	152.5	473.37	-845.04	-201.33	-561.18	-1.121e+04	-2.011e+04
126	71	1.073e+04	1.702e+04	0.03	-1731.27	0.0	841.75	1182.71	-153.11	-7966.50	1.702e+04	-5.090e+04
		-5.090e+04	-3470.77	-0.01	0.0	152.5	841.75	-548.57	-153.11	-7966.50	-3470.77	-2505.59
126	72	8.500e+04	-5532.41	8.68e-03	-1731.27	0.0	-743.85	-315.86	24.93	-2.802e+04	-6473.20	8.500e+04
		-9.522e+04	-6473.20	-1.83e-03	0.0	152.5	-743.85	-2047.14	24.93	-2.802e+04	-5532.41	-9.522e+04
126	74	2.533e+04	5272.32	0.02	-1731.27	0.0	48.95	433.42	-64.09	-1.799e+04	5272.32	1.705e+04
		-4.886e+04	-4501.59	-6.19e-03	0.0	152.5	48.95	-1297.85	-64.09	-1.799e+04	-4501.59	-4.886e+04
126	75	2.533e+04	5272.32	0.02	-1731.27	0.0	48.95	433.42	-64.09	-1.799e+04	5272.32	1.705e+04
		-4.886e+04	-4501.59	-6.19e-03	0.0	152.5	48.95	-1297.85	-64.09	-1.799e+04	-4501.59	-4.886e+04
126	76	2.533e+04	5272.32	0.02	-1731.27	0.0	48.95	433.42	-64.09	-1.799e+04	5272.32	1.705e+04
		-4.886e+04	-4501.59	-6.19e-03	0.0	152.5	48.95	-1297.85	-64.09	-1.799e+04	-4501.59	-4.886e+04
127	1	5.707e+04	3748.18	0.09	-1451.83	0.0	-374.49	378.82	-27.53	8665.67	3748.18	3.871e+04
		-9.050e+04	-6499.93	-4.74e-03	0.0	372.3	-374.49	-1073.01	-27.53	8665.67	-6499.93	-9.050e+04
127	2	4.459e+04	2776.94	0.07	-1116.79	0.0	-287.88	284.14	-20.89	6827.76	2776.94	3.114e+04
		-7.096e+04	-4999.45	-3.59e-03	0.0	372.3	-287.88	-832.66	-20.89	6827.76	-4999.45	-7.096e+04
127	3	4.863e+04	4412.44	0.07	-1451.83	0.0	-536.37	467.55	-30.58	7399.60	4412.44	2.063e+04
		-7.555e+04	-6973.01	-7.53e-03	0.0	372.3	-536.37	-984.28	-30.58	7399.60	-6973.01	-7.555e+04
127	7	4.257e+04	2960.43	0.06	-1116.79	0.0	-290.43	303.46	-21.34	6419.44	2960.43	2.732e+04
		-6.758e+04	-4984.89	-3.73e-03	0.0	372.3	-290.43	-813.34	-21.34	6419.44	-4984.89	-6.758e+04
127	8	3.715e+04	3403.27	0.05	-1116.79	0.0	-398.35	362.61	-23.38	5575.40	3403.27	1.527e+04
		-5.761e+04	-5300.28	-5.60e-03	0.0	372.3	-398.35	-754.18	-23.38	5575.40	-5300.28	-5.761e+04
127	13	5.056e+04	1.146e+04	0.05	-1116.79	0.0	-103.41	485.88	-74.62	727.38	1.146e+04	2.274e+04
		-3.300e+04	-1.637e+04	2.15e-03	0.0	372.3	-103.41	-630.92	-74.62	727.38	-1.637e+04	-3.300e+04
127	36	5.952e+04	1884.98	0.04	-1116.79	0.0	1034.29	192.84	-13.41	6045.59	1884.98	5.488e+04
		-8.989e+04	-3067.94	8.62e-03	0.0	372.3	1034.29	-923.95	-13.41	6045.59	-3067.94	-8.989e+04
127	38	5.892e+04	2544.64	0.04	-1116.79	0.0	1060.27	139.12	12.17	8320.64	-2048.14	5.570e+04
		-1.005e+05	-2048.14	6.65e-03	0.0	372.3	1060.27	-977.68	12.17	8320.64	2544.64	-1.005e+05
127	41	3.267e+04	8780.05	0.05	-1116.79	0.0	-1657.18	567.77	-56.77	2436.21	8780.05	-2.108e+04
		-2.108e+04	-1.242e+04	-0.01	0.0	372.3	-1657.18	-549.03	-56.77	2436.21	-1.242e+04	-1.751e+04
127	45	5.056e+04	1.146e+04	0.05	-1116.79	0.0	-103.41	485.88	-74.62	727.38	1.146e+04	2.274e+04
		-3.300e+04	-1.637e+04	2.15e-03	0.0	372.3	-103.41	-630.92	-74.62	727.38	-1.637e+04	-3.300e+04
127	68	5.952e+04	1884.98	0.04	-1116.79	0.0	1034.29	192.84	-13.41	6045.59	1884.98	5.488e+04
		-8.989e+04	-3067.94	8.62e-03	0.0	372.3	1034.29	-923.95	-13.41	6045.59	-3067.94	-8.989e+04
127	70	5.892e+04	2544.64	0.04	-1116.79	0.0	1060.27	139.12	12.17	8320.64	-2048.14	5.570e+04

		-1.005e+05	-2048.14	6.65e-03	0.0	372.3	1060.27	-977.68	12.17	8320.64	2544.64	-1.005e+05
127	73	3.267e+04	8780.05	0.05	-1116.79	0.0	-1657.18	567.77	-56.77	2436.21	8780.05	-2.108e+04
		-2.108e+04	-1.242e+04	-0.01	0.0	372.3	-1657.18	-549.03	-56.77	2436.21	-1.242e+04	-1.751e+04
127	74	3.813e+04	3365.95	0.05	-1116.79	0.0	-298.46	353.44	-22.30	5378.43	3365.95	1.731e+04
		-5.899e+04	-4936.14	-4.10e-03	0.0	372.3	-298.46	-763.35	-22.30	5378.43	-4936.14	-5.899e+04
127	75	3.813e+04	3365.95	0.05	-1116.79	0.0	-298.46	353.44	-22.30	5378.43	3365.95	1.731e+04
		-5.899e+04	-4936.14	-4.10e-03	0.0	372.3	-298.46	-763.35	-22.30	5378.43	-4936.14	-5.899e+04
127	76	3.813e+04	3365.95	0.05	-1116.79	0.0	-298.46	353.44	-22.30	5378.43	3365.95	1.731e+04
		-5.899e+04	-4936.14	-4.10e-03	0.0	372.3	-298.46	-763.35	-22.30	5378.43	-4936.14	-5.899e+04
128	1	-3515.39	4470.50	0.03	-594.75	0.0	-193.88	76.38	124.14	-1.627e+04	-1.446e+04	-4262.79
		-3.796e+04	-1.446e+04	-8.93e-03	0.0	152.5	-193.88	-518.37	124.14	-1.627e+04	4470.50	-3.796e+04
128	2	-2248.57	3438.18	0.03	-457.50	0.0	-146.88	49.96	96.09	-1.257e+04	-1.121e+04	-2663.47
		-2.993e+04	-1.121e+04	-6.91e-03	0.0	152.5	-146.88	-407.54	96.09	-1.257e+04	3438.18	-2.993e+04
128	3	-7662.74	5283.73	0.03	-594.75	0.0	-317.80	183.82	134.01	-1.701e+04	-1.515e+04	-1.199e+04
		-2.931e+04	-1.515e+04	-0.01	0.0	152.5	-317.80	-410.93	134.01	-1.701e+04	5283.73	-2.931e+04
128	7	-3268.03	3469.32	0.02	-457.50	0.0	-153.54	70.50	94.92	-1.245e+04	-1.101e+04	-4066.89
		-2.820e+04	-1.101e+04	-6.83e-03	0.0	152.5	-153.54	-387.00	94.92	-1.245e+04	3469.32	-2.820e+04
128	8	-5854.57	4011.47	0.02	-457.50	0.0	-236.15	142.13	101.49	-1.295e+04	-1.147e+04	-9221.22
		-2.243e+04	-1.147e+04	-7.72e-03	0.0	152.5	-236.15	-315.37	101.49	-1.295e+04	4011.47	-2.243e+04
128	20	2.1897e+04	9150.64	0.01	-457.50	0.0	-365.85	-232.50	240.65	-2.209e+04	-2.543e+04	1.897e+04
		-5.138e+04	-2.543e+04	-0.01	0.0	152.5	-365.85	-690.00	240.65	-2.209e+04	9150.64	-5.138e+04
128	21	921.92	1.135e+04	0.02	-457.50	0.0	-779.28	11.85	191.25	-1.814e+04	-2.003e+04	921.92
		-3.216e+04	-2.003e+04	-0.01	0.0	152.5	-779.28	-445.65	191.25	-1.814e+04	1.135e+04	-3.216e+04
128	38	2.147e+04	-616.74	9.90e-03	-457.50	0.0	743.18	-273.37	101.18	-6244.79	-1.204e+04	2.147e+04
		-5.511e+04	-1.204e+04	-1.86e-03	0.0	152.5	743.18	-730.87	101.18	-6244.79	-616.74	-5.511e+04
128	40	3.196e+04	3391.58	9.02e-03	-457.50	0.0	502.37	-412.57	175.44	-1.100e+04	-1.938e+04	3.196e+04
		-6.585e+04	-1.938e+04	-5.37e-03	0.0	152.5	502.37	-870.07	175.44	-1.100e+04	3391.58	-6.585e+04
128	41	7375.94	7757.51	0.03	-457.50	0.0	-1085.61	516.70	83.18	-1.812e+04	-8935.86	-3.654e+04
		-3.654e+04	-8935.86	-0.01	0.0	152.5	-1085.61	59.20	83.18	-1.812e+04	7757.51	7375.94
128	52	1.897e+04	9150.64	0.01	-457.50	0.0	-365.85	-232.50	240.65	-2.209e+04	-2.543e+04	1.897e+04
		-5.138e+04	-2.543e+04	-0.01	0.0	152.5	-365.85	-690.00	240.65	-2.209e+04	9150.64	-5.138e+04
128	53	921.92	1.135e+04	0.02	-457.50	0.0	-779.28	11.85	191.25	-1.814e+04	-2.003e+04	921.92
		-3.216e+04	-2.003e+04	-0.01	0.0	152.5	-779.28	-445.65	191.25	-1.814e+04	1.135e+04	-3.216e+04
128	70	2.147e+04	-616.74	9.90e-03	-457.50	0.0	743.18	-273.37	101.18	-6244.79	-1.204e+04	2.147e+04
		-5.511e+04	-1.204e+04	-1.86e-03	0.0	152.5	743.18	-730.87	101.18	-6244.79	-616.74	-5.511e+04
128	72	3.196e+04	3391.58	9.02e-03	-457.50	0.0	502.37	-412.57	175.44	-1.100e+04	-1.938e+04	3.196e+04
		-6.585e+04	-1.938e+04	-5.37e-03	0.0	152.5	502.37	-870.07	175.44	-1.100e+04	3391.58	-6.585e+04
128	73	7375.94	7757.51	0.03	-457.50	0.0	-1085.61	516.70	83.18	-1.812e+04	-8935.86	-3.654e+04
		-3.654e+04	-8935.86	-0.01	0.0	152.5	-1085.61	59.20	83.18	-1.812e+04	7757.51	7375.94
128	74	-5076.65	3570.39	0.02	-457.50	0.0	-171.22	121.67	92.18	-1.218e+04	-1.049e+04	-7534.88
		-2.387e+04	-1.049e+04	-6.63e-03	0.0	152.5	-171.22	-335.83	92.18	-1.218e+04	3570.39	-2.387e+04
128	75	-5076.65	3570.39	0.02	-457.50	0.0	-171.22	121.67	92.18	-1.218e+04	-1.049e+04	-7534.88
		-2.387e+04	-1.049e+04	-6.63e-03	0.0	152.5	-171.22	-335.83	92.18	-1.218e+04	3570.39	-2.387e+04
128	76	-5076.65	3570.39	0.02	-457.50	0.0	-171.22	121.67	92.18	-1.218e+04	-1.049e+04	-7534.88
		-2.387e+04	-1.049e+04	-6.63e-03	0.0	152.5	-171.22	-335.83	92.18	-1.218e+04	3570.39	-2.387e+04
129	1	1.757e+04	8490.29	0.04	-731.25	0.0	-110.58	38.95	26.69	9136.82	3486.15	1.738e+04
		-4.388e+04	3486.15	-8.44e-03	0.0	187.5	-110.58	-692.30	26.69	9136.82	8490.29	-4.388e+04
129	2	1.452e+04	6610.34	0.03	-562.50	0.0	-83.47	16.32	20.97	7132.80	2678.33	1.452e+04
		-3.516e+04	2678.33	-6.55e-03	0.0	187.5	-83.47	-546.18	20.97	7132.80	6610.34	-3.516e+04
129	3	8519.20	8596.62	0.03	-731.25	0.0	-178.51	204.76	22.92	8703.63	4299.53	3205.63
		-2.696e+04	4299.53	-9.52e-03	0.0	187.5	-178.51	-526.49	22.92	8703.63	8596.62	-2.696e+04
129	7	1.212e+04	6421.45	0.03	-562.50	0.0	-87.84	49.52	19.83	6900.17	2703.79	1.171e+04
		-3.174e+04	2703.79	-6.42e-03	0.0	187.5	-87.84	-512.98	19.83	6900.17	6421.45	-3.174e+04
129	8	6489.83	6492.34	0.02	-562.50	0.0	-133.12	160.07	17.31	6611.38	3246.04	2260.80
		-2.046e+04	3246.04	-7.15e-03	0.0	187.5	-133.12	-402.43	17.31	6611.38	6492.34	-2.046e+04
129	19	1.539e+04	-703.59	0.03	-562.50	0.0	15.77	8.02	11.18	1683.68	-3887.70	1.539e+04
		-3.586e+04	-3887.70	-1.06e-03	0.0	187.5	15.77	-554.48	11.18	1683.68	-703.59	-3.586e+04
129	20	4967.68	1.260e+04	0.01	-562.50	0.0	-214.22	258.56	22.60	1.098e+04	9450.21	-6157.86
		-1.039e+04	9450.21	-0.01	0.0	187.5	-214.22	-303.94	22.60	1.098e+04	1.260e+04	-1.039e+04
129	38	4.694e+04	7354.89	9.15e-03	-562.50	0.0	293.77	-382.60	25.28	6366.97	-994.49	4.694e+04
		-7.754e+04	-994.49	-2.48e-03	0.0	187.5	293.77	-945.10	25.28	6366.97	7354.89	-7.754e+04
129	41	3.129e+04	6557.01	0.03	-562.50	0.0	-492.22	649.18	8.51	6292.74	6557.01	-3.771e+04
		-3.771e+04	4541.46	-9.79e-03	0.0	187.5	-492.22	86.68	8.51	6292.74	4541.46	3.129e+04
129	51	1.539e+04	-703.59	0.03	-562.50	0.0	15.77	8.02	11.18	1683.68	-3887.70	1.539e+04
		-3.586e+04	-3887.70	-1.06e-03	0.0	187.5	15.77	-554.48	11.18	1683.68	-703.59	-3.586e+04
129	52	4967.68	1.260e+04	0.01	-562.50	0.0	-214.22	258.56	22.60	1.098e+04	9450.21	-6157.86
		-1.039e+04	9450.21	-0.01	0.0	187.5	-214.22	-303.94	22.60	1.098e+04	1.260e+04	-1.039e+04
129	70	4.694e+04	7354.89	9.15e-03	-562.50	0.0	293.77	-382.60	25.28	6366.97	-994.49	4.694e+04
		-7.754e+04	-994.49	-2.48e-03	0.0	187.5	293.77	-945.10	25.28	6366.97	7354.89	-7.754e+04
129	73	3.129e+04	6557.01	0.03	-562.50	0.0	-492.22	649.18	8.51	6292.74	6557.01	-3.771e+04
		-3.771e+04	4541.46	-9.79e-03	0.0	187.5	-492.22	86.68	8.51	6292.74	4541.46	3.129e+04
129	74	7567.30	5948.18	0.02	-562.50	0.0	-99.23	133.29	16.89	6329.85	2781.26	4615.29
		-2.313e+04	2781.26	-6.13e-03	0.0	187.5	-99.23	-429.21	16.89	6329.85	5948.18	-2.313e+04
129	75	7567.30	5948.18	0.02	-562.50	0.0	-99.23	133.29	16.89	6329.85	2781.26	4615.29
		-2.313e+04	2781.26	-6.13e-03	0.0	187.5	-99.23	-429.21	16.89	6329.85	5948.18	-2.313e+04
129	76	7567.30	5948.18	0.02	-562.50	0.0	-99.23	133.29	16.89	6329.85	2781.26	4615.29
		-2.313e+04	2781.26	-6.13e-03	0.0	187.5	-99.23	-429.21	16.89	6329.85	5948.18	-2.313e+04

130	2	3.652e+04	8715.06	-0.01	-911.19	0.0	150.99	790.39	-75.55	3471.64	8715.06	-6.759e+04
		-6.759e+04	-1.423e+04	-2.91e-03	0.0	303.7	150.99	-120.80	-75.55	3471.64	-1.423e+04	3.410e+04
130	3	5.056e+04	1.163e+04	-0.02	-1184.55	0.0	241.57	1060.15	-105.77	3451.10	1.163e+04	-9.346e+04
		-9.346e+04	-2.049e+04	-5.91e-03	0.0	303.7	241.57	-124.40	-105.77	3451.10	-2.049e+04	4.865e+04
130	7	3.576e+04	8455.59	-0.01	-911.19	0.0	153.48	784.88	-73.95	3250.65	8455.59	-6.689e+04
		-6.689e+04	-1.400e+04	-3.01e-03	0.0	303.7	153.48	-126.32	-73.95	3250.65	-1.400e+04	3.313e+04
130	8	3.812e+04	8751.75	-0.01	-911.19	0.0	182.97	808.95	-79.59	2626.31	8751.75	-7.092e+04
		-7.092e+04	-1.542e+04	-4.40e-03	0.0	303.7	182.97	-102.25	-79.59	2626.31	-1.542e+04	3.640e+04
130	19	1.906e+04	9157.10	-0.02	-911.19	0.0	-152.52	366.91	32.95	2264.38	-918.15	-3272.74
		-3.021e+04	-918.15	-7.68e-03	0.0	303.7	-152.52	-544.29	32.95	2264.38	9157.10	-3.021e+04
130	20	9.179e+04	1.652e+04	-6.37e-03	-911.19	0.0	472.83	1176.50	-172.89	3143.35	1.652e+04	-1.272e+05
		-1.272e+05	-3.606e+04	5.54e-03	0.0	303.7	472.83	265.31	-172.89	3143.35	-3.606e+04	9.179e+04
130	32	8.665e+04	1.713e+04	-0.01	-911.19	0.0	432.09	1142.35	-170.33	2007.50	1.713e+04	-1.219e+05
		-1.219e+05	-3.469e+04	4.32e-03	0.0	303.7	432.09	231.15	-170.33	2007.50	-3.469e+04	8.665e+04
130	51	1.906e+04	9157.10	-0.02	-911.19	0.0	-152.52	366.91	32.95	2264.38	-918.15	-3272.74
		-3.021e+04	-918.15	-7.68e-03	0.0	303.7	-152.52	-544.29	32.95	2264.38	9157.10	-3.021e+04
130	52	9.179e+04	1.652e+04	-6.37e-03	-911.19	0.0	472.83	1176.50	-172.89	3143.35	1.652e+04	-1.272e+05
		-1.272e+05	-3.606e+04	5.54e-03	0.0	303.7	472.83	265.31	-172.89	3143.35	-3.606e+04	9.179e+04
130	64	8.665e+04	1.713e+04	-0.01	-911.19	0.0	432.09	1142.35	-170.33	2007.50	1.713e+04	-1.219e+05
		-1.219e+05	-3.469e+04	4.32e-03	0.0	303.7	432.09	231.15	-170.33	2007.50	-3.469e+04	8.665e+04
130	74	3.392e+04	7802.45	-0.01	-911.19	0.0	160.16	771.71	-69.97	2703.86	7802.45	-6.522e+04
		-6.522e+04	-1.345e+04	-3.28e-03	0.0	303.7	160.16	-139.49	-69.97	2703.86	-1.345e+04	3.079e+04
130	75	3.392e+04	7802.45	-0.01	-911.19	0.0	160.16	771.71	-69.97	2703.86	7802.45	-6.522e+04
		-6.522e+04	-1.345e+04	-3.28e-03	0.0	303.7	160.16	-139.49	-69.97	2703.86	-1.345e+04	3.079e+04
130	76	3.392e+04	7802.45	-0.01	-911.19	0.0	160.16	771.71	-69.97	2703.86	7802.45	-6.522e+04
		-6.522e+04	-1.345e+04	-3.28e-03	0.0	303.7	160.16	-139.49	-69.97	2703.86	-1.345e+04	3.079e+04
131	1	6.758e+04	1.951e+04	0.03	-390.00	0.0	204.48	-1354.82	398.89	-1.341e+04	-2.038e+04	6.758e+04
		-8.740e+04	-2.038e+04	-7.62e-03	0.0	100.0	204.48	-1744.82	398.89	-1.341e+04	1.951e+04	-8.740e+04
131	3	5.410e+04	2.208e+04	0.02	-390.00	0.0	159.61	-1074.09	468.03	-1.487e+04	-2.472e+04	5.410e+04
		-7.281e+04	-2.472e+04	-9.14e-03	0.0	100.0	159.61	-1464.09	468.03	-1.487e+04	2.208e+04	-7.281e+04
131	6	3.931e+04	1.458e+04	0.02	-300.00	0.0	115.55	-787.17	307.66	-1.154e+04	-1.619e+04	3.931e+04
		-5.441e+04	-1.619e+04	-5.79e-03	0.0	100.0	115.55	-1087.17	307.66	-1.154e+04	1.458e+04	-5.441e+04
131	7	4.978e+04	1.494e+04	0.02	-300.00	0.0	149.97	-997.69	307.14	-1.053e+04	-1.578e+04	4.978e+04
		-6.499e+04	-1.578e+04	-5.85e-03	0.0	100.0	149.97	-1297.69	307.14	-1.053e+04	1.494e+04	-6.499e+04
131	8	4.079e+04	1.665e+04	0.02	-300.00	0.0	120.06	-810.53	353.23	-1.150e+04	-1.867e+04	4.079e+04
		-5.526e+04	-1.867e+04	-6.86e-03	0.0	100.0	120.06	-1110.54	353.23	-1.150e+04	1.665e+04	-5.526e+04
131	9	4.028e+04	1.460e+04	0.02	-300.00	0.0	118.85	-806.81	307.31	-1.145e+04	-1.613e+04	4.028e+04
		-5.541e+04	-1.613e+04	-5.79e-03	0.0	100.0	118.85	-1106.81	307.31	-1.145e+04	1.460e+04	-5.541e+04
131	20	5.550e+04	4.195e+04	0.01	-300.00	0.0	361.34	-1196.54	938.94	-1.068e+04	-3.885e+04	5.550e+04
		-8.039e+04	-3.885e+04	-0.02	0.0	100.0	361.34	-1496.54	938.94	-1.068e+04	4.195e+04	-8.039e+04
131	21	4.272e+04	3.116e+04	0.02	-300.00	0.0	125.55	-837.61	700.56	-9892.17	-5.201e+04	4.272e+04
		-5.707e+04	-5.201e+04	-0.01	0.0	100.0	125.55	-1137.61	700.56	-9892.17	3.116e+04	-5.707e+04
131	39	1.553e+04	-2388.21	0.03	-300.00	0.0	-342.47	-97.80	371.43	-1.032e+04	-1.929e+04	1.553e+04
		-8788.20	-1.929e+04	-7.20e-03	0.0	100.0	-342.47	-397.80	371.43	-1.032e+04	-2388.21	-8788.20
131	40	6.502e+04	3.158e+04	6.60e-03	-300.00	0.0	580.18	-1515.82	243.18	-1.258e+04	-1.298e+04	6.502e+04
		-1.020e+05	-1.298e+04	-4.37e-03	0.0	100.0	580.18	-1815.82	243.18	-1.258e+04	3.158e+04	-1.020e+05
131	52	5.550e+04	4.195e+04	0.01	-300.00	0.0	361.34	-1196.54	938.94	-1.068e+04	-3.885e+04	5.550e+04
		-8.039e+04	-3.885e+04	-0.02	0.0	100.0	361.34	-1496.54	938.94	-1.068e+04	4.195e+04	-8.039e+04
131	53	4.272e+04	3.116e+04	0.02	-300.00	0.0	125.55	-837.61	700.56	-9892.17	-5.201e+04	4.272e+04
		-5.707e+04	-5.201e+04	-0.01	0.0	100.0	125.55	-1137.61	700.56	-9892.17	3.116e+04	-5.707e+04
131	71	1.553e+04	-2388.21	0.03	-300.00	0.0	-342.47	-97.80	371.43	-1.032e+04	-1.929e+04	1.553e+04
		-8788.20	-1.929e+04	-7.20e-03	0.0	100.0	-342.47	-397.80	371.43	-1.032e+04	-2388.21	-8788.20
131	72	6.502e+04	3.158e+04	6.60e-03	-300.00	0.0	580.18	-1515.82	243.18	-1.258e+04	-1.298e+04	6.502e+04
		-1.020e+05	-1.298e+04	-4.37e-03	0.0	100.0	580.18	-1815.82	243.18	-1.258e+04	3.158e+04	-1.020e+05
131	74	4.028e+04	1.460e+04	0.02	-300.00	0.0	118.85	-806.81	307.31	-1.145e+04	-1.613e+04	4.028e+04
		-5.541e+04	-1.613e+04	-5.79e-03	0.0	100.0	118.85	-1106.81	307.31	-1.145e+04	1.460e+04	-5.541e+04
131	75	4.028e+04	1.460e+04	0.02	-300.00	0.0	118.85	-806.81	307.31	-1.145e+04	-1.613e+04	4.028e+04
		-5.541e+04	-1.613e+04	-5.79e-03	0.0	100.0	118.85	-1106.81	307.31	-1.145e+04	1.460e+04	-5.541e+04
131	76	4.028e+04	1.460e+04	0.02	-300.00	0.0	118.85	-806.81	307.31	-1.145e+04	-1.613e+04	4.028e+04
		-5.541e+04	-1.613e+04	-5.79e-03	0.0	100.0	118.85	-1106.81	307.31	-1.145e+04	1.460e+04	-5.541e+04
132	1	5.228e+04	-3143.07	0.05	-936.00	0.0	260.90	122.33	14.22	6668.93	-6556.27	5.037e+04
		-3.259e+04	-6556.27	-9.82e-03	0.0	240.0	260.90	-813.67	14.22	6668.93	-3143.07	-3.259e+04
132	2	4.078e+04	-2326.83	0.04	-720.00	0.0	210.16	91.50	11.94	5227.56	-5192.59	3.938e+04
		-2.505e+04	-5192.59	-7.63e-03	0.0	240.0	210.16	-628.50	11.94	5227.56	-2326.83	-2.505e+04
132	3	4.735e+04	-3886.15	0.04	-936.00	0.0	155.78	151.55	-12.22	4919.04	-3886.15	4.448e+04
		-3.147e+04	-6819.56	-0.01	0.0	240.0	155.78	-784.45	-12.22	4919.04	-6819.56	-3.147e+04
132	4	3.589e+04	-2522.46	0.03	-720.00	0.0	105.04	120.73	-14.50	3477.67	-6003.32	3.349e+04
		-2.393e+04	-6003.32	-8.51e-03	0.0	240.0	105.04	-599.27	-14.50	3477.67	-2393e+04	-2.393e+04
132	7	3.934e+04	-2562.21	0.04	-720.00	0.0	186.32	98.75	9.50	4980.62	-4841.08	3.773e+04
		-2.497e+04	-4841.08	-7.45e-03	0.0	240.0	186.32	-621.25	9.50	4980.62	-2562.21	-2.497e+04
132	8	3.609e+04	-3061.00	0.03	-720.00	0.0	116.24	118.24	-8.13	3814.03	-3061.00	3.380e+04
		-2.422e+04	-5013.20	-8.04e-03	0.0	240.0	116.24	-601.76	-8.13	3814.03	-5013.20	-2.422e+04
132	19	3.253e+04	1.854e+04	0.03	-720.00	0.0	-348.06	251.19	123.97	9377.34	-1.146e+04	2.196e+04
		-3861.35	-1.146e+04	-4.63e-03	0.0	240.0	-348.06	-468.81	123.97	9377.34	1.854e+04	-3861.35
132	20	4.501e+04	3532.65	0.02	-720.00	0.0	599.20	-15.68	-117.33	-676.29	3532.65	4.501e+04
		-4.545e+04	-2.488e+04	-9.72e-03	0.0	240.0	599.20	-735.68	-117.33	-676.29	-2.488e+04	-4.545e+04
132	39	3.527e+04	1.199e+04	0.04	-720.00	0.0	-830.63	355.58	98.53	3635.2		

		1.320e+04	-1.217e+04	-8.30e-03	0.0	240.0	-830.63	-364.42	98.53	3635.23	1.199e+04	1.320e+04
132	40	5.282e+04	4238.95	0.02	-720.00	0.0	1081.78	-120.07	-91.89	5065.82	4238.95	5.282e+04
		-6.251e+04	-1.832e+04	-5.72e-03	0.0	240.0	1081.78	-840.07	-91.89	5065.82	-1.832e+04	-6.251e+04
132	51	3.253e+04	1.854e+04	0.03	-720.00	0.0	-348.06	251.19	123.97	9377.34	-1.146e+04	2.196e+04
		-3861.35	-1.146e+04	-4.63e-03	0.0	240.0	-348.06	-468.81	123.97	9377.34	1.854e+04	-3861.35
132	52	4.501e+04	3532.65	0.02	-720.00	0.0	599.20	-15.68	-117.33	-676.29	3532.65	4.501e+04
		-4.545e+04	-2.488e+04	-9.72e-03	0.0	240.0	599.20	-735.68	-117.33	-676.29	-2.488e+04	-4.545e+04
132	71	3.527e+04	1.199e+04	0.04	-720.00	0.0	-830.63	355.58	98.53	3635.23	-1.217e+04	1.415e+04
		1.320e+04	-1.217e+04	-8.30e-03	0.0	240.0	-830.63	-364.42	98.53	3635.23	1.199e+04	1.320e+04
132	72	5.282e+04	4238.95	0.02	-720.00	0.0	1081.78	-120.07	-91.89	5065.82	4238.95	5.282e+04
		-6.251e+04	-1.832e+04	-5.72e-03	0.0	240.0	1081.78	-840.07	-91.89	5065.82	-1.832e+04	-6.251e+04
132	74	3.574e+04	-3166.74	0.03	-720.00	0.0	125.57	117.76	3.32	4350.53	-3963.41	3.348e+04
		-2.466e+04	-3963.41	-7.01e-03	0.0	240.0	125.57	-602.24	3.32	4350.53	-3166.74	-2.466e+04
132	75	3.574e+04	-3166.74	0.03	-720.00	0.0	125.57	117.76	3.32	4350.53	-3963.41	3.348e+04
		-2.466e+04	-3963.41	-7.01e-03	0.0	240.0	125.57	-602.24	3.32	4350.53	-3166.74	-2.466e+04
132	76	3.574e+04	-3166.74	0.03	-720.00	0.0	125.57	117.76	3.32	4350.53	-3963.41	3.348e+04
		-2.466e+04	-3963.41	-7.01e-03	0.0	240.0	125.57	-602.24	3.32	4350.53	-3166.74	-2.466e+04
133	1	3.442e+04	4785.93	5.29e-03	-288.61	0.0	-6101.10	731.96	-278.92	1.764e+04	4785.93	-9063.31
		-9063.31	-4783.96	-2.70e-05	0.0	74.0	-6101.10	443.35	-278.92	1.764e+04	-4783.96	3.442e+04
133	3	3.024e+04	36.66	3.75e-03	-288.61	0.0	-5283.49	725.17	-219.99	1.618e+04	36.66	-1.274e+04
		-1.274e+04	-5686.53	-3.00e-04	0.0	74.0	-5283.49	436.56	-219.99	1.618e+04	-5686.53	3.024e+04
133	4	2.161e+04	-870.20	2.96e-03	-222.00	0.0	-3870.90	548.40	-158.98	1.230e+04	-870.20	-1.076e+04
		-1.076e+04	-4550.99	-3.01e-04	0.0	74.0	-3870.90	326.40	-158.98	1.230e+04	-4550.99	2.161e+04
133	5	3.529e+04	2818.09	2.28e-03	-288.61	0.0	-5662.07	776.29	-243.76	1.598e+04	2818.09	-1.148e+04
		-1.148e+04	-4954.79	-2.73e-05	0.0	74.0	-5662.07	487.68	-243.76	1.598e+04	-4954.79	3.529e+04
133	7	2.635e+04	3368.12	3.65e-03	-222.00	0.0	-4602.06	568.63	-208.88	1.332e+04	3368.12	-7510.30
		-7510.30	-3700.91	-2.39e-05	0.0	74.0	-4602.06	346.62	-208.88	1.332e+04	-3700.91	2.635e+04
133	8	2.357e+04	201.94	2.62e-03	-222.00	0.0	-4056.98	564.10	-169.59	1.234e+04	201.94	-9961.95
		-9961.95	-4302.63	-2.06e-04	0.0	74.0	-4056.98	342.09	-169.59	1.234e+04	-4302.63	2.357e+04
133	9	2.693e+04	2056.22	1.64e-03	-222.00	0.0	-4309.37	598.18	-185.44	1.221e+04	2056.22	-9120.03
		-9120.03	-3814.80	-2.41e-05	0.0	74.0	-4309.37	376.18	-185.44	1.221e+04	-3814.80	2.693e+04
133	10	2.445e+04	-9054.37	-1.50e-04	-222.00	0.0	-4089.71	526.08	-122.60	1.054e+04	-9054.37	-3869.47
		-3869.47	-9522.11	-3.67e-04	0.0	74.0	-4089.71	304.08	-122.60	1.054e+04	-9522.11	2.445e+04
133	13	2.941e+04	1.363e+04	3.20e-03	-222.00	0.0	-4529.03	670.28	-248.28	1.388e+04	1.363e+04	-1.437e+04
		-1.437e+04	1424.77	3.18e-04	0.0	74.0	-4529.03	448.27	-248.28	1.388e+04	1424.77	2.941e+04
133	20	3.187e+04	9573.79	-4.07e-04	-222.00	0.0	-4882.90	645.78	-271.03	1.451e+04	9573.79	-1.098e+04
		-1.098e+04	-704.66	-1.12e-04	0.0	74.0	-4882.90	423.77	-271.03	1.451e+04	-704.66	3.187e+04
133	29	2.506e+04	1.107e+04	7.36e-03	-222.00	0.0	-3928.14	655.83	-167.35	1.204e+04	1.107e+04	-1.539e+04
		-1.539e+04	648.19	5.32e-04	0.0	74.0	-3928.14	433.83	-167.35	1.204e+04	648.19	2.506e+04
133	31	2.284e+04	5345.17	7.47e-03	-222.00	0.0	-3690.18	619.92	-122.82	1.085e+04	5345.17	-1.326e+04
		-1.326e+04	-1856.73	4.18e-04	0.0	74.0	-3690.18	397.92	-122.82	1.085e+04	-1856.73	2.284e+04
133	32	3.103e+04	-1232.72	-4.19e-03	-222.00	0.0	-4928.56	576.43	-248.06	1.358e+04	-1232.72	-4983.09
		-4983.09	-5772.88	-4.66e-04	0.0	74.0	-4928.56	354.43	-248.06	1.358e+04	-5772.88	3.103e+04
133	42	2.445e+04	-9054.37	-1.50e-04	-222.00	0.0	-4089.71	526.08	-122.60	1.054e+04	-9054.37	-3869.47
		-3869.47	-9522.11	-3.67e-04	0.0	74.0	-4089.71	304.08	-122.60	1.054e+04	-9522.11	2.445e+04
133	45	2.941e+04	1.363e+04	3.20e-03	-222.00	0.0	-4529.03	670.28	-248.28	1.388e+04	1.363e+04	-1.437e+04
		-1.437e+04	1424.77	3.18e-04	0.0	74.0	-4529.03	448.27	-248.28	1.388e+04	1424.77	2.941e+04
133	52	3.187e+04	9573.79	-4.07e-04	-222.00	0.0	-4882.90	645.78	-271.03	1.451e+04	9573.79	-1.098e+04
		-1.098e+04	-704.66	-1.12e-04	0.0	74.0	-4882.90	423.77	-271.03	1.451e+04	-704.66	3.187e+04
133	61	2.506e+04	1.107e+04	7.36e-03	-222.00	0.0	-3928.14	655.83	-167.35	1.204e+04	1.107e+04	-1.539e+04
		-1.539e+04	648.19	5.32e-04	0.0	74.0	-3928.14	433.83	-167.35	1.204e+04	648.19	2.506e+04
133	63	2.284e+04	5345.17	7.47e-03	-222.00	0.0	-3690.18	619.92	-122.82	1.085e+04	5345.17	-1.326e+04
		-1.326e+04	-1856.73	4.18e-04	0.0	74.0	-3690.18	397.92	-122.82	1.085e+04	-1856.73	2.284e+04
133	64	3.103e+04	-1232.72	-4.19e-03	-222.00	0.0	-4928.56	576.43	-248.06	1.358e+04	-1232.72	-4983.09
		-4983.09	-5772.88	-4.66e-04	0.0	74.0	-4928.56	354.43	-248.06	1.358e+04	-5772.88	3.103e+04
133	74	2.693e+04	2056.22	1.64e-03	-222.00	0.0	-4309.37	598.18	-185.44	1.221e+04	2056.22	-9120.03
		-9120.03	-3814.80	-2.41e-05	0.0	74.0	-4309.37	376.18	-185.44	1.221e+04	-3814.80	2.693e+04
133	75	2.693e+04	2056.22	1.64e-03	-222.00	0.0	-4309.37	598.18	-185.44	1.221e+04	2056.22	-9120.03
		-9120.03	-3814.80	-2.41e-05	0.0	74.0	-4309.37	376.18	-185.44	1.221e+04	-3814.80	2.693e+04
133	76	2.693e+04	2056.22	1.64e-03	-222.00	0.0	-4309.37	598.18	-185.44	1.221e+04	2056.22	-9120.03
		-9120.03	-3814.80	-2.41e-05	0.0	74.0	-4309.37	376.18	-185.44	1.221e+04	-3814.80	2.693e+04
134	1	6.113e+04	8835.43	-0.02	-1184.55	0.0	279.56	1091.62	-47.80	-1.093e+04	8835.43	-9.160e+04
		-9.160e+04	-5682.67	-3.45e-03	0.0	303.7	279.56	-92.93	-47.80	-1.093e+04	-5682.67	6.113e+04
134	3	5.326e+04	9196.86	-0.02	-1184.55	0.0	286.95	1049.78	-49.11	-1.032e+04	9196.86	-8.800e+04
		-8.800e+04	-5718.96	-5.53e-03	0.0	303.7	286.95	-134.77	-49.11	-1.032e+04	-5718.96	5.326e+04
134	6	3.876e+04	6009.12	-0.02	-911.19	0.0	207.34	785.82	-31.62	-7481.15	6009.12	-6.413e+04
		-6.413e+04	-3595.16	-3.08e-03	0.0	303.7	207.34	-125.37	-31.62	-7481.15	-3595.16	3.876e+04
134	7	4.546e+04	6661.36	-0.02	-911.19	0.0	213.77	830.40	-35.87	-8247.25	6661.36	-6.937e+04
		-6.937e+04	-4234.44	-2.73e-03	0.0	303.7	213.77	-80.79	-35.87	-8247.25	-4234.44	4.546e+04
134	8	4.036e+04	6902.31	-0.02	-911.19	0.0	218.69	802.51	-36.75	-7840.89	6902.31	-6.698e+04
		-6.698e+04	-4258.63	-4.12e-03	0.0	303.7	218.69	-108.68	-36.75	-7840.89	-4258.63	4.036e+04
134	9	3.936e+04	6065.64	-0.02	-911.19	0.0	207.81	789.79	-32.01	-7554.70	6065.64	-6.459e+04
		-6.459e+04	-3657.72	-3.04e-03	0.0	303.7	207.81	-121.40	-32.01	-7554.70	-3657.72	3.936e+04
134	19	3.284e+04	1629.64	-0.03	-911.19	0.0	-191.45	629.97	-14.74	-6805.20	1629.64	-3.315e+04
		-3.315e+04	-3622.47	-7.32e-03	0.0	303.7	-191.45	-281.22	-14.74	-6805.20	-3622.47	3.284e+04
134	20	5.424e+04	1.050e+04	-9.10e-03	-911.19	0.0	607.08	949.62	-49.28	-8304.19	1.050e+04	-9.603e+04
		-9.603e+04	-3692.96	1.25e-03	0.0	303.7	607.08	38.42	-49.28	-8304.19	-3692.96	5.424e+04

134	32	5.372e+04	1.243e+04	-0.01	-911.19	0.0	537.22	928.61	-70.70	-5543.92	1.243e+04	-9.042e+04
		-9.042e+04	-9178.95	-1.05e-03	0.0	303.7	537.22	17.42	-70.70	-5543.92	-9178.95	5.372e+04
134	34	4.438e+04	1.083e+04	-0.02	-911.19	0.0	271.24	820.83	-70.79	-4313.88	1.083e+04	-6.827e+04
		-6.827e+04	-1.174e+04	-6.01e-04	0.0	303.7	271.24	-90.37	-70.79	-4313.88	-1.174e+04	4.318e+04
134	51	3.284e+04	1629.64	-0.03	-911.19	0.0	-191.45	629.97	-14.74	-6805.20	1629.64	-3.315e+04
		-3.315e+04	-3622.47	-7.32e-03	0.0	303.7	-191.45	-281.22	-14.74	-6805.20	-3622.47	1.959e+04
134	52	5.424e+04	1.050e+04	-9.10e-03	-911.19	0.0	607.08	949.62	-49.28	-8304.19	1.050e+04	-9.603e+04
		-9.603e+04	-3692.96	1.25e-03	0.0	303.7	607.08	38.42	-49.28	-8304.19	-3692.96	5.424e+04
134	64	5.372e+04	1.243e+04	-0.01	-911.19	0.0	537.22	928.61	-70.70	-5543.92	1.243e+04	-9.042e+04
		-9.042e+04	-9178.95	-1.05e-03	0.0	303.7	537.22	17.42	-70.70	-5543.92	-9178.95	5.372e+04
134	66	4.438e+04	1.083e+04	-0.02	-911.19	0.0	271.24	820.83	-70.79	-4313.88	1.083e+04	-6.827e+04
		-6.827e+04	-1.174e+04	-6.01e-04	0.0	303.7	271.24	-90.37	-70.79	-4313.88	-1.174e+04	4.318e+04
134	74	3.936e+04	6065.64	-0.02	-911.19	0.0	207.81	789.79	-32.01	-7554.70	6065.64	-6.459e+04
		-6.459e+04	-3657.72	-3.04e-03	0.0	303.7	207.81	-121.40	-32.01	-7554.70	-3657.72	3.691e+04
134	75	3.936e+04	6065.64	-0.02	-911.19	0.0	207.81	789.79	-32.01	-7554.70	6065.64	-6.459e+04
		-6.459e+04	-3657.72	-3.04e-03	0.0	303.7	207.81	-121.40	-32.01	-7554.70	-3657.72	3.691e+04
134	76	3.936e+04	6065.64	-0.02	-911.19	0.0	207.81	789.79	-32.01	-7554.70	6065.64	-6.459e+04
		-6.459e+04	-3657.72	-3.04e-03	0.0	303.7	207.81	-121.40	-32.01	-7554.70	-3657.72	3.691e+04
139	1	9.865e+04	1.633e+04	-0.02	-1473.30	0.0	848.18	1284.00	-77.15	-7113.17	1.633e+04	-1.127e+05
		-1.127e+05	-1.281e+04	-4.80e-03	0.0	377.8	848.18	-189.30	-77.15	-7113.17	-1.281e+04	6.112e+04
139	3	8.899e+04	1.674e+04	-0.02	-1473.30	0.0	927.65	1263.10	-74.80	-7816.73	1.674e+04	-1.155e+05
		-1.155e+05	-1.152e+04	-7.04e-03	0.0	377.8	927.65	-210.20	-74.80	-7816.73	-1.152e+04	8.342e+04
139	6	6.663e+04	1.212e+04	-0.02	-1133.31	0.0	615.28	949.29	-56.07	-5252.26	1.212e+04	-8.342e+04
		-8.342e+04	-9059.78	-3.15e-03	0.0	377.8	615.28	-184.01	-56.07	-5252.26	-9059.78	6.112e+04
139	7	7.425e+04	1.249e+04	-0.01	-1133.31	0.0	646.27	981.08	-58.80	-5435.91	1.249e+04	-8.615e+04
		-8.615e+04	-9721.18	-3.60e-03	0.0	377.8	646.27	-152.23	-58.80	-5435.91	-9721.18	7.041e+04
139	8	6.782e+04	1.276e+04	-0.02	-1133.31	0.0	699.25	967.15	-57.23	-5904.95	1.276e+04	-8.798e+04
		-8.798e+04	-8859.33	-5.09e-03	0.0	377.8	699.25	-166.16	-57.23	-5904.95	-8859.33	6.331e+04
139	9	6.727e+04	1.215e+04	-0.02	-1133.31	0.0	617.56	952.09	-56.28	-5264.45	1.215e+04	-8.364e+04
		-8.364e+04	-9113.19	-3.19e-03	0.0	377.8	617.56	-181.22	-56.28	-5264.45	-9113.19	6.196e+04
139	19	5.951e+04	4692.89	-0.03	-1133.31	0.0	-519.60	755.66	-34.50	-3375.93	4692.89	-3.528e+04
		-3.528e+04	-8668.22	1.50e-03	0.0	377.8	-519.60	-377.64	-34.50	-3375.93	-8668.22	3.570e+04
139	20	8.822e+04	1.960e+04	9.40e-03	-1133.31	0.0	1754.73	1148.51	-78.05	-7152.97	1.960e+04	-1.320e+05
		-1.320e+05	-9558.16	-6.46e-03	0.0	377.8	1754.73	15.20	-78.05	-7152.97	-9558.16	8.822e+04
139	21	7.478e+04	2.430e+04	0.01	-1133.31	0.0	1318.96	1054.20	-99.61	-8617.30	2.430e+04	-1.107e+05
		-1.107e+05	-1.411e+04	-4.83e-03	0.0	377.8	1318.96	-79.10	-99.61	-8617.30	-1.411e+04	7.377e+04
139	32	9.176e+04	7249.20	-0.01	-1133.31	0.0	1619.62	1154.04	-30.12	-3610.10	7249.20	-1.305e+05
		-1.305e+05	-2340.94	-0.01	0.0	377.8	1619.62	20.73	-30.12	-3610.10	-2340.94	9.176e+04
139	41	5.908e+04	2.234e+04	-0.01	-1133.31	0.0	1297.67	891.36	-108.04	-7592.61	2.234e+04	-7.288e+04
		-7.288e+04	-1.910e+04	3.86e-03	0.0	377.8	1297.67	-241.94	-108.04	-7592.61	-1.910e+04	4.939e+04
139	51	5.951e+04	4692.89	-0.03	-1133.31	0.0	-519.60	755.66	-34.50	-3375.93	4692.89	-3.528e+04
		-3.528e+04	-8668.22	1.50e-03	0.0	377.8	-519.60	-377.64	-34.50	-3375.93	-8668.22	3.570e+04
139	52	8.822e+04	1.960e+04	9.40e-03	-1133.31	0.0	1754.73	1148.51	-78.05	-7152.97	1.960e+04	-1.320e+05
		-1.320e+05	-9558.16	-6.46e-03	0.0	377.8	1754.73	15.20	-78.05	-7152.97	-9558.16	8.822e+04
139	53	7.478e+04	2.430e+04	0.01	-1133.31	0.0	1318.96	1054.20	-99.61	-8617.30	2.430e+04	-1.107e+05
		-1.107e+05	-1.411e+04	-4.83e-03	0.0	377.8	1318.96	-79.10	-99.61	-8617.30	-1.411e+04	7.377e+04
139	64	9.176e+04	7249.20	-0.01	-1133.31	0.0	1619.62	1154.04	-30.12	-3610.10	7249.20	-1.305e+05
		-1.305e+05	-2340.94	-0.01	0.0	377.8	1619.62	20.73	-30.12	-3610.10	-2340.94	9.176e+04
139	73	5.908e+04	2.234e+04	-0.01	-1133.31	0.0	1297.67	891.36	-108.04	-7592.61	2.234e+04	-7.288e+04
		-7.288e+04	-1.910e+04	3.86e-03	0.0	377.8	1297.67	-241.94	-108.04	-7592.61	-1.910e+04	4.939e+04
139	74	6.727e+04	1.215e+04	-0.02	-1133.31	0.0	617.56	952.09	-56.28	-5264.45	1.215e+04	-8.364e+04
		-8.364e+04	-9113.19	-3.19e-03	0.0	377.8	617.56	-181.22	-56.28	-5264.45	-9113.19	6.196e+04
139	75	6.727e+04	1.215e+04	-0.02	-1133.31	0.0	617.56	952.09	-56.28	-5264.45	1.215e+04	-8.364e+04
		-8.364e+04	-9113.19	-3.19e-03	0.0	377.8	617.56	-181.22	-56.28	-5264.45	-9113.19	6.196e+04
139	76	6.727e+04	1.215e+04	-0.02	-1133.31	0.0	617.56	952.09	-56.28	-5264.45	1.215e+04	-8.364e+04
		-8.364e+04	-9113.19	-3.19e-03	0.0	377.8	617.56	-181.22	-56.28	-5264.45	-9113.19	6.196e+04
144	2	-3.426e+05	2.713e+04	-0.16	-105.34	0.0	-8849.33	3047.58	-149.41	100.31	2.713e+04	-8.878e+05
		8.878e+05	-65.45	-0.01	0.0	182.0	-8766.53	2942.24	-149.41	100.31	-65.45	-3.426e+05
144	3	-6.046e+05	4.868e+04	-0.29	-136.94	0.0	-1.492e+04	5496.14	-274.69	-37.26	4.868e+04	-1.593e+06
		-1.593e+06	-1322.33	-0.02	0.0	182.0	-1.481e+04	5359.19	-274.69	-37.26	-1322.33	-6.046e+05
144	4	-5.018e+05	4.062e+04	-0.24	-105.34	0.0	-1.230e+04	4548.81	-230.64	-48.02	4.062e+04	-1.320e+06
		-1.320e+06	-1366.42	-0.02	0.0	182.0	-1.222e+04	4443.47	-230.64	-48.02	-1366.42	-5.018e+05
144	6	-3.433e+05	2.712e+04	-0.17	-105.34	0.0	-8627.52	3214.47	-149.00	-1.88	2.712e+04	-9.189e+05
		-9.189e+05	-5.40	-0.01	0.0	182.0	-8544.72	3109.13	-149.00	-1.88	-5.40	-3.433e+05
144	7	-3.428e+05	2.710e+04	-0.16	-105.34	0.0	-8785.15	3095.81	-148.99	71.17	2.710e+04	-8.968e+05
		-8.968e+05	-25.56	-0.01	0.0	182.0	-8702.35	2990.47	-148.99	71.17	-25.56	-3.428e+05
144	8	-4.489e+05	3.609e+04	-0.22	-105.34	0.0	-1.109e+04	4096.63	-203.15	-27.72	3.609e+04	-1.185e+06
		-1.185e+06	-892.87	-0.01	0.0	182.0	-1.101e+04	3991.29	-203.15	-27.72	-892.87	-4.489e+05
144	9	-3.433e+05	2.709e+04	-0.17	-105.34	0.0	-8637.28	3207.07	-148.72	3.04	2.709e+04	-9.175e+05
		-9.175e+05	14.47	-0.01	0.0	182.0	-8554.48	3101.73	-148.72	3.04	14.47	-3.433e+05
144	11	-1.530e+05	1.788e+04	-0.26	-105.34	0.0	-7335.60	3476.38	-91.39	-1980.67	1.788e+04	-7.743e+05
		-7.743e+05	766.06	0.03	0.0	182.0	-7252.80	3371.04	-91.39	-1980.67	766.06	-1.530e+05
144	12	-5.335e+05	3.629e+04	-0.08	-105.34	0.0	-9938.95	2937.76	-206.05	1986.76	3.629e+04	-1.061e+06
		-1.061e+06	-737.12	-0.05	0.0	182.0	-9856.15	2832.42	-206.05	1986.76	-737.12	-5.335e+05
144	24	-5.181e+05	3.168e+04	-0.09	-105.34	0.0	-9728.09	3001.20	-190.85	2021.44	3.168e+04	-1.061e+06
		-1.061e+06	-2754.87	-0.04	0.0	182.0	-9645.29	2895.86	-190.85	2021.44	-2754.87	-5.181e+05
144	34	-3.080e+05	1.988e+04	-0.19	-105.34	0.0	-8488.26	3435.67	514.83	3675.67	-7.832e+04	-9.154e+05

		-9.154e+05	-7.832e+04	-0.11	0.0	182.0	-8405.46	3330.33	514.83	3675.67	1.988e+04	-3.080e+05
144	37	-3.785e+05	1.325e+05	-0.14	-105.34	0.0	-8786.29	2978.47	-812.28	-3669.58	1.325e+05	-9.196e+05
		-9.196e+05	-1.985e+04	0.10	0.0	182.0	-8703.49	2873.13	-812.28	-3669.58	-1.985e+04	-3.785e+05
144	43	-1.530e+05	1.788e+04	-0.26	-105.34	0.0	-7335.60	3476.38	-91.39	-1980.67	1.788e+04	-7.743e+05
		-7.743e+05	766.06	0.03	0.0	182.0	-7252.80	3371.04	-91.39	-1980.67	766.06	-1.530e+05
144	44	-5.335e+05	3.629e+04	-0.08	-105.34	0.0	-9938.95	2937.76	-206.05	1986.76	3.629e+04	-1.061e+06
		-1.061e+06	-737.12	-0.05	0.0	182.0	-9856.15	2832.42	-206.05	1986.76	-737.12	-5.335e+05
144	56	-5.181e+05	3.168e+04	-0.09	-105.34	0.0	-9728.09	3001.20	-190.85	2021.44	3.168e+04	-1.061e+06
		-1.061e+06	-2754.87	-0.04	0.0	182.0	-9645.29	2895.86	-190.85	2021.44	-2754.87	-5.181e+05
144	66	-3.080e+05	1.988e+04	-0.19	-105.34	0.0	-8488.26	3435.67	514.83	3675.67	-7.832e+04	-9.154e+05
		-9.154e+05	-7.832e+04	-0.11	0.0	182.0	-8405.46	3330.33	514.83	3675.67	1.988e+04	-3.080e+05
144	69	-3.785e+05	1.325e+05	-0.14	-105.34	0.0	-8786.29	2978.47	-812.28	-3669.58	1.325e+05	-9.196e+05
		-9.196e+05	-1.985e+04	0.10	0.0	182.0	-8703.49	2873.13	-812.28	-3669.58	-1.985e+04	-3.785e+05
144	74	-3.433e+05	2.709e+04	-0.17	-105.34	0.0	-8637.28	3207.07	-148.72	3.04	2.709e+04	-9.175e+05
		-9.175e+05	14.47	-0.01	0.0	182.0	-8554.48	3101.73	-148.72	3.04	14.47	-3.433e+05
144	75	-3.433e+05	2.709e+04	-0.17	-105.34	0.0	-8637.28	3207.07	-148.72	3.04	2.709e+04	-9.175e+05
		-9.175e+05	14.47	-0.01	0.0	182.0	-8554.48	3101.73	-148.72	3.04	14.47	-3.433e+05
144	76	-3.433e+05	2.709e+04	-0.17	-105.34	0.0	-8637.28	3207.07	-148.72	3.04	2.709e+04	-9.175e+05
		-9.175e+05	14.47	-0.01	0.0	182.0	-8554.48	3101.73	-148.72	3.04	14.47	-3.433e+05
145	1	7.030e+05	1073.22	0.08	-136.94	0.0	-6758.91	-684.45	-26.98	844.22	1073.22	7.030e+05
		5.948e+05	-2802.31	0.02	0.0	143.7	-6770.87	-821.40	-26.98	844.22	-2802.31	5.948e+05
145	2	5.370e+05	864.18	0.06	-105.34	0.0	-5241.20	-523.15	-21.16	643.47	864.18	5.370e+05
		4.542e+05	-2176.03	0.01	0.0	143.7	-5250.40	-628.49	-21.16	643.47	-2176.03	4.542e+05
145	3	9.799e+05	664.09	0.11	-136.94	0.0	-8629.32	-986.01	-27.11	1160.20	664.09	9.799e+05
		8.284e+05	-3230.16	0.02	0.0	143.7	-8641.28	-1122.96	-27.11	1160.20	-3230.16	8.284e+05
145	6	5.621e+05	510.92	0.06	-105.34	0.0	-4965.93	-544.61	-17.59	682.31	510.92	5.621e+05
		4.763e+05	-2016.48	0.01	0.0	143.7	-4975.13	-649.95	-17.59	682.31	-2016.48	4.763e+05
145	7	5.442e+05	770.67	0.06	-105.34	0.0	-5161.59	-529.40	-20.20	654.70	770.67	5.442e+05
		4.606e+05	-2132.12	0.01	0.0	143.7	-5170.79	-634.74	-20.20	654.70	-2132.12	4.606e+05
145	8	7.288e+05	497.92	0.08	-105.34	0.0	-6408.52	-730.44	-20.29	865.36	497.92	7.288e+05
		6.163e+05	-2417.35	0.01	0.0	143.7	-6417.72	-835.78	-20.29	865.36	-2417.35	6.163e+05
145	9	5.610e+05	535.16	0.06	-105.34	0.0	-4978.08	-543.70	-17.83	680.59	535.16	5.610e+05
		4.753e+05	-2025.76	0.01	0.0	143.7	-4987.28	-649.04	-17.83	680.59	-2025.76	4.753e+05
145	11	5.720e+05	-5263.05	0.12	-105.34	0.0	-5207.49	-1134.70	-83.98	1084.27	-5263.05	5.720e+05
		3.856e+05	-2.563e+04	5.78e-03	0.0	143.7	-5216.69	-1240.04	-83.98	1084.27	-2.563e+04	3.856e+05
145	15	5.714e+05	-7158.01	0.12	-105.34	0.0	-5208.32	-1128.39	-69.63	1106.91	-7158.01	5.714e+05
		3.857e+05	-2.104e+04	-9.27e-03	0.0	143.7	-5217.52	-1233.73	-69.63	1106.91	-2.104e+04	3.857e+05
145	16	5.649e+05	1.699e+04	-0.01	-105.34	0.0	-4747.83	40.98	33.98	254.27	8228.33	5.649e+05
		5.505e+05	8228.33	0.03	0.0	143.7	-4757.03	-64.36	33.98	254.27	1.699e+04	5.649e+05
145	34	5.930e+05	5.496e+04	0.07	-105.34	0.0	-4955.96	-649.10	-301.50	1118.64	5.496e+04	5.930e+05
		4.714e+05	1.380e+04	0.09	0.0	143.7	-4965.16	-754.44	-301.50	1118.64	1.380e+04	4.714e+05
145	39	5.386e+05	-1.907e+04	0.08	-105.34	0.0	-5113.51	-763.54	260.33	520.33	-5.448e+04	5.386e+05
		4.320e+05	-5.448e+04	-0.07	0.0	143.7	-5122.71	-868.88	260.33	520.33	-1.907e+04	4.320e+05
145	40	5.833e+05	5.555e+04	0.04	-105.34	0.0	-4842.64	-323.87	-295.98	840.85	5.555e+04	5.833e+05
		5.185e+05	1.502e+04	0.09	0.0	143.7	-4851.84	-429.21	-295.98	840.85	1.502e+04	5.185e+05
145	43	5.720e+05	-5263.05	0.12	-105.34	0.0	-5207.49	-1134.70	-83.98	1084.27	-5263.05	5.720e+05
		3.856e+05	-2.563e+04	5.78e-03	0.0	143.7	-5216.69	-1240.04	-83.98	1084.27	-2.563e+04	3.856e+05
145	47	5.714e+05	-7158.01	0.12	-105.34	0.0	-5208.32	-1128.39	-69.63	1106.91	-7158.01	5.714e+05
		3.857e+05	-2.104e+04	-9.27e-03	0.0	143.7	-5217.52	-1233.73	-69.63	1106.91	-2.104e+04	3.857e+05
145	48	5.649e+05	1.699e+04	-0.01	-105.34	0.0	-4747.83	40.98	33.98	254.27	8228.33	5.649e+05
		5.505e+05	8228.33	0.03	0.0	143.7	-4757.03	-64.36	33.98	254.27	1.699e+04	5.649e+05
145	66	5.930e+05	5.496e+04	0.07	-105.34	0.0	-4955.96	-649.10	-301.50	1118.64	5.496e+04	5.930e+05
		4.714e+05	1.380e+04	0.09	0.0	143.7	-4965.16	-754.44	-301.50	1118.64	1.380e+04	4.714e+05
145	71	5.386e+05	-1.907e+04	0.08	-105.34	0.0	-5113.51	-763.54	260.33	520.33	-5.448e+04	5.386e+05
		4.320e+05	-5.448e+04	-0.07	0.0	143.7	-5122.71	-868.88	260.33	520.33	-1.907e+04	4.320e+05
145	72	5.833e+05	5.555e+04	0.04	-105.34	0.0	-4842.64	-323.87	-295.98	840.85	5.555e+04	5.833e+05
		5.185e+05	1.502e+04	0.09	0.0	143.7	-4851.84	-429.21	-295.98	840.85	1.502e+04	5.185e+05
145	74	5.610e+05	535.16	0.06	-105.34	0.0	-4978.08	-543.70	-17.83	680.59	535.16	5.610e+05
		4.753e+05	-2025.76	0.01	0.0	143.7	-4987.28	-649.04	-17.83	680.59	-2025.76	4.753e+05
145	75	5.610e+05	535.16	0.06	-105.34	0.0	-4978.08	-543.70	-17.83	680.59	535.16	5.610e+05
		4.753e+05	-2025.76	0.01	0.0	143.7	-4987.28	-649.04	-17.83	680.59	-2025.76	4.753e+05
145	76	5.610e+05	535.16	0.06	-105.34	0.0	-4978.08	-543.70	-17.83	680.59	535.16	5.610e+05
		4.753e+05	-2025.76	0.01	0.0	143.7	-4987.28	-649.04	-17.83	680.59	-2025.76	4.753e+05
146	2	4.491e+05	3172.09	-0.17	-105.34	0.0	-5753.12	2024.93	-58.23	-1567.92	3172.09	1.597e+05
		1.597e+05	-5374.45	0.01	0.0	146.8	-5729.20	1919.59	-58.23	-1567.92	-5374.45	4.491e+05
146	3	8.193e+05	4768.42	-0.30	-136.94	0.0	-9526.19	3632.06	-95.75	-2818.58	4768.42	2.963e+05
		2.963e+05	-9284.36	0.01	0.0	146.8	-9495.10	3495.12	-95.75	-2818.58	-9284.36	8.193e+05
146	6	4.708e+05	2960.01	-0.17	-105.34	0.0	-5483.10	2083.38	-57.07	-1671.53	2960.01	1.728e+05
		1.728e+05	-5415.67	8.30e-03	0.0	146.8	-5459.18	1978.04	-57.07	-1671.53	-5415.67	4.708e+05
146	7	4.554e+05	3119.02	-0.17	-105.34	0.0	-5675.01	2041.79	-57.94	-1598.07	3119.02	1.635e+05
		1.635e+05	-5384.54	9.84e-03	0.0	146.8	-5651.09	1936.45	-57.94	-1598.07	-5384.54	4.554e+05
146	8	6.095e+05	3564.22	-0.23	-105.34	0.0	-7075.53	2700.56	-71.39	-2104.26	3564.22	2.209e+05
		2.209e+05	-6913.61	9.92e-03	0.0	146.8	-7051.61	2595.22	-71.39	-2104.26	-6913.61	6.095e+05
146	9	4.699e+05	2977.63	-0.17	-105.34	0.0	-5494.99	2080.76	-57.16	-1667.14	2977.63	1.722e+05
		1.722e+05	-5412.02	8.42e-03	0.0	146.8	-5471.07	1975.42	-57.16	-1667.14	-5412.02	4.699e+05
146	10	5.448e+05	8484.44	-0.17	-105.34	0.0	-4877.51	1658.52	-84.15	-1444.02	8484.44	3.127e+05
		3.127e+05	-4913.38	-0.04	0.0	146.8	-4853.59	1553.18	-84.15	-1444.02	-4913.38	5.448e+05

146	11	5.588e+05	2.200e+04	-0.17	-105.34	0.0	-4946.56	1595.07	-329.34	-1219.30	2.200e+04	3.249e+05
		3.249e+05	-3.436e+04	0.05	0.0	146.8	-4922.64	1489.73	-329.34	-1219.30	-3.436e+04	5.588e+05
146	12	3.810e+05	2.353e+04	-0.18	-105.34	0.0	-6043.43	2566.46	215.01	-2114.99	-1.604e+04	1.958e+04
		1.958e+04	-1.604e+04	-0.03	0.0	146.8	-6019.51	2461.12	215.01	-2114.99	2.353e+04	3.810e+05
146	13	3.950e+05	-2529.17	-0.18	-105.34	0.0	-6112.47	2503.01	-30.18	-1890.27	-2529.17	3.173e+04
		3.173e+04	-5910.65	0.05	0.0	146.8	-6088.55	2397.67	-30.18	-1890.27	-5910.65	3.950e+05
146	35	5.178e+05	-736.34	-0.18	-105.34	0.0	-5424.93	1839.49	-484.23	-1042.47	-736.34	2.303e+05
		2.303e+05	-6.548e+04	0.15	0.0	146.8	-5401.01	1734.15	-484.23	-1042.47	-6.548e+04	5.178e+05
146	36	4.220e+05	5.466e+04	-0.17	-105.34	0.0	-5565.05	2322.04	369.91	-2291.82	6691.60	1.141e+05
		1.141e+05	6691.60	-0.14	0.0	146.8	-5541.13	2216.70	369.91	-2291.82	5.466e+04	4.220e+05
146	42	5.448e+05	8484.44	-0.17	-105.34	0.0	-4877.51	1658.52	-84.15	-1444.02	8484.44	3.127e+05
		3.127e+05	-4913.38	-0.04	0.0	146.8	-4853.59	1553.18	-84.15	-1444.02	-4913.38	5.448e+05
146	43	5.588e+05	2.200e+04	-0.17	-105.34	0.0	-4946.56	1595.07	-329.34	-1219.30	2.200e+04	3.249e+05
		3.249e+05	-3.436e+04	0.05	0.0	146.8	-4922.64	1489.73	-329.34	-1219.30	-3.436e+04	5.588e+05
146	44	3.810e+05	2.353e+04	-0.18	-105.34	0.0	-6043.43	2566.46	215.01	-2114.99	-1.604e+04	1.958e+04
		1.958e+04	-1.604e+04	-0.03	0.0	146.8	-6019.51	2461.12	215.01	-2114.99	2.353e+04	3.810e+05
146	45	3.950e+05	-2529.17	-0.18	-105.34	0.0	-6112.47	2503.01	-30.18	-1890.27	-2529.17	3.173e+04
		3.173e+04	-5910.65	0.05	0.0	146.8	-6088.55	2397.67	-30.18	-1890.27	-5910.65	3.950e+05
146	67	5.178e+05	-736.34	-0.18	-105.34	0.0	-5424.93	1839.49	-484.23	-1042.47	-736.34	2.303e+05
		2.303e+05	-6.548e+04	0.15	0.0	146.8	-5401.01	1734.15	-484.23	-1042.47	-6.548e+04	5.178e+05
146	68	4.220e+05	5.466e+04	-0.17	-105.34	0.0	-5565.05	2322.04	369.91	-2291.82	6691.60	1.141e+05
		1.141e+05	6691.60	-0.14	0.0	146.8	-5541.13	2216.70	369.91	-2291.82	5.466e+04	4.220e+05
146	74	4.699e+05	2977.63	-0.17	-105.34	0.0	-5494.99	2080.76	-57.16	-1667.14	2977.63	1.722e+05
		1.722e+05	-5412.02	8.42e-03	0.0	146.8	-5471.07	1975.42	-57.16	-1667.14	-5412.02	4.699e+05
146	75	4.699e+05	2977.63	-0.17	-105.34	0.0	-5494.99	2080.76	-57.16	-1667.14	2977.63	1.722e+05
		1.722e+05	-5412.02	8.42e-03	0.0	146.8	-5471.07	1975.42	-57.16	-1667.14	-5412.02	4.699e+05
146	76	4.699e+05	2977.63	-0.17	-105.34	0.0	-5494.99	2080.76	-57.16	-1667.14	2977.63	1.722e+05
		1.722e+05	-5412.02	8.42e-03	0.0	146.8	-5471.07	1975.42	-57.16	-1667.14	-5412.02	4.699e+05
147	3	3.154e+05	1.076e+04	0.41	-136.94	0.0	-1.107e+04	-5792.15	128.88	2204.48	-8884.52	3.154e+05
		-5.781e+05	-8884.52	2.21e-03	0.0	152.5	-1.112e+04	-5929.09	128.88	2204.48	1.076e+04	-5.781e+05
147	6	1.841e+05	6209.81	0.23	-105.34	0.0	-6360.66	-3303.41	73.35	1331.85	-4972.27	1.841e+05
		-3.275e+05	-4972.27	2.27e-03	0.0	152.5	-6399.30	-3408.75	73.35	1331.85	6209.81	-3.275e+05
147	8	2.351e+05	8023.30	0.30	-105.34	0.0	-8220.55	-4303.95	95.87	1650.76	-6592.71	2.351e+05
		-4.290e+05	-6592.71	1.72e-03	0.0	152.5	-8259.19	-4409.29	95.87	1650.76	8023.30	-4.290e+05
147	9	1.835e+05	6172.41	0.23	-105.34	0.0	-6372.27	-3299.53	73.02	1325.24	-4959.66	1.835e+05
		-3.275e+05	-4959.66	2.39e-03	0.0	152.5	-6410.91	-3404.87	73.02	1325.24	6172.41	-3.275e+05
147	10	4.225e+04	1427.16	0.21	-105.34	0.0	-7233.55	-3601.25	-163.22	1314.03	1427.16	4.225e+04
		-5.178e+05	-1.438e+04	0.06	0.0	152.5	-7272.19	-3706.59	-163.22	1314.03	-1.438e+04	-5.178e+05
147	11	3.104e+04	1.197e+04	0.21	-105.34	0.0	-7351.49	-3519.47	194.98	1635.72	-2.826e+04	3.104e+04
		-5.017e+05	-2.826e+04	-0.06	0.0	152.5	-7390.13	-3624.81	194.98	1635.72	1.197e+04	-5.017e+05
147	12	3.360e+05	1.834e+04	0.26	-105.34	0.0	-5393.06	-3079.59	-48.94	1014.77	1.834e+04	3.360e+05
		-1.534e+05	370.08	0.06	0.0	152.5	-5431.70	-3184.93	-48.94	1014.77	370.08	-1.534e+05
147	27	1.208e+05	4.789e+04	0.23	-105.34	0.0	-6844.91	-3241.48	652.88	1906.27	-5.698e+04	1.208e+05
		-3.552e+05	-5.698e+04	-0.19	0.0	152.5	-6883.55	-3346.82	652.88	1906.27	4.789e+04	-3.552e+05
147	39	1.313e+05	5.508e+04	0.24	-105.34	0.0	-6786.59	-3229.32	645.18	1986.80	-4.701e+04	1.313e+05
		-3.567e+05	-4.701e+04	-0.17	0.0	152.5	-6825.23	-3334.66	645.18	1986.80	5.508e+04	-3.567e+05
147	42	4.225e+04	1427.16	0.21	-105.34	0.0	-7233.55	-3601.25	-163.22	1314.03	1427.16	4.225e+04
		-5.178e+05	-1.438e+04	0.06	0.0	152.5	-7272.19	-3706.59	-163.22	1314.03	-1.438e+04	-5.178e+05
147	43	3.104e+04	1.197e+04	0.21	-105.34	0.0	-7351.49	-3519.47	194.98	1635.72	-2.826e+04	3.104e+04
		-5.017e+05	-2.826e+04	-0.06	0.0	152.5	-7390.13	-3624.81	194.98	1635.72	1.197e+04	-5.017e+05
147	44	3.360e+05	1.834e+04	0.26	-105.34	0.0	-5393.06	-3079.59	-48.94	1014.77	1.834e+04	3.360e+05
		-1.534e+05	370.08	0.06	0.0	152.5	-5431.70	-3184.93	-48.94	1014.77	370.08	-1.534e+05
147	59	1.208e+05	4.789e+04	0.23	-105.34	0.0	-6844.91	-3241.48	652.88	1906.27	-5.698e+04	1.208e+05
		-3.552e+05	-5.698e+04	-0.19	0.0	152.5	-6883.55	-3346.82	652.88	1906.27	4.789e+04	-3.552e+05
147	71	1.313e+05	5.508e+04	0.24	-105.34	0.0	-6786.59	-3229.32	645.18	1986.80	-4.701e+04	1.313e+05
		-3.567e+05	-4.701e+04	-0.17	0.0	152.5	-6825.23	-3334.66	645.18	1986.80	5.508e+04	-3.567e+05
147	74	1.835e+05	6172.41	0.23	-105.34	0.0	-6372.27	-3299.53	73.02	1325.24	-4959.66	1.835e+05
		-3.275e+05	-4959.66	2.39e-03	0.0	152.5	-6410.91	-3404.87	73.02	1325.24	6172.41	-3.275e+05
147	75	1.835e+05	6172.41	0.23	-105.34	0.0	-6372.27	-3299.53	73.02	1325.24	-4959.66	1.835e+05
		-3.275e+05	-4959.66	2.39e-03	0.0	152.5	-6410.91	-3404.87	73.02	1325.24	6172.41	-3.275e+05
147	76	1.835e+05	6172.41	0.23	-105.34	0.0	-6372.27	-3299.53	73.02	1325.24	-4959.66	1.835e+05
		-3.275e+05	-4959.66	2.39e-03	0.0	152.5	-6410.91	-3404.87	73.02	1325.24	6172.41	-3.275e+05
148	2	5.370e+05	2498.66	-0.06	-105.34	0.0	-5256.93	665.19	-41.13	-702.00	2498.66	4.490e+05
		4.490e+05	-3410.54	9.69e-03	0.0	143.7	-5247.73	559.85	-41.13	-702.00	-3410.54	5.370e+05
148	3	9.799e+05	3577.62	-0.11	-136.94	0.0	-8652.66	1188.54	-64.19	-1255.77	3577.62	8.190e+05
		8.190e+05	-5644.48	0.01	0.0	143.7	-8640.70	1051.59	-64.19	-1255.77	-5644.48	9.799e+05
148	6	5.621e+05	2229.39	-0.06	-105.34	0.0	-4981.95	688.96	-39.22	-739.94	2229.39	4.706e+05
		4.706e+05	-3404.78	7.56e-03	0.0	143.7	-4972.75	583.62	-39.22	-739.94	-3404.78	5.621e+05
148	7	5.442e+05	2427.99	-0.06	-105.34	0.0	-5177.39	672.03	-40.62	-713.10	2427.99	4.552e+05
		4.552e+05	-3408.33	9.11e-03	0.0	143.7	-5168.19	566.69	-40.62	-713.10	-3408.33	5.442e+05
148	8	7.288e+05	2672.15	-0.08	-105.34	0.0	-6426.24	884.80	-47.95	-936.67	2672.15	6.092e+05
		6.092e+05	-4217.11	8.72e-03	0.0	143.7	-6417.04	779.46	-47.95	-936.67	-4217.11	7.288e+05
148	9	5.610e+05	2248.48	-0.06	-105.34	0.0	-4994.07	687.87	-39.35	-738.39	2248.48	4.697e+05
		4.697e+05	-3404.49	7.70e-03	0.0	143.7	-4984.87	582.53	-39.35	-738.39	-3404.49	5.610e+05
148	12	5.499e+05	2.454e+04	-0.07	-105.34	0.0	-5182.32	1279.62	182.54	-1283.65	-1127.22	5.499e+05
		3.807e+05	-1127.22	-6.46e-03	0.0	143.7	-5173.12	1174.28	182.54	-1283.65	2.454e+04	3.807e+05
148	14	5.873e+05	2.386e+04	-0.05	-105.34	0.0	-4761.54	136.58	-152.97	-442.54	2.386e+04	5.446e+05

		5.446e+05	-3504.34	-0.01	0.0	143.7	-4752.34	31.24	-152.97	-442.54	-3504.34	5.873e+05
148	17	5.346e+05	-3304.65	-0.07	-105.34	0.0	-5226.60	1239.17	74.28	-1034.24	-1.936e+04	3.948e+05
		3.948e+05	-1.936e+04	0.03	0.0	143.7	-5217.40	1133.83	74.28	-1034.24	-3304.65	5.346e+05
148	27	5.419e+05	-2.108e+04	-0.06	-105.34	0.0	-5003.31	437.89	-346.56	-251.88	-2.108e+04	5.176e+05
		5.176e+05	-5.588e+04	0.06	0.0	143.7	-4994.11	332.55	-346.56	-251.88	-5.588e+04	5.419e+05
148	28	5.800e+05	4.907e+04	-0.06	-105.34	0.0	-4984.83	937.85	267.86	-1224.90	2.557e+04	4.217e+05
		4.217e+05	2.557e+04	-0.05	0.0	143.7	-4975.63	832.51	267.86	-1224.90	4.907e+04	5.800e+05
148	34	5.930e+05	3.971e+04	-0.06	-105.34	0.0	-4855.69	572.75	14.34	-1083.24	3.971e+04	4.710e+05
		4.710e+05	3.695e+04	-0.04	0.0	143.7	-4846.49	467.41	14.34	-1083.24	3.695e+04	5.930e+05
148	44	5.499e+05	2.454e+04	-0.07	-105.34	0.0	-5182.32	1279.62	182.54	-1283.65	-1127.22	3.807e+05
		3.807e+05	-1127.22	-6.46e-03	0.0	143.7	-5173.12	1174.28	182.54	-1283.65	2.454e+04	5.499e+05
148	46	5.873e+05	2.386e+04	-0.05	-105.34	0.0	-4761.54	136.58	-152.97	-442.54	2.386e+04	5.446e+05
		5.446e+05	-3504.34	-0.01	0.0	143.7	-4752.34	31.24	-152.97	-442.54	-3504.34	5.873e+05
148	49	5.346e+05	-3304.65	-0.07	-105.34	0.0	-5226.60	1239.17	74.28	-1034.24	-1.936e+04	3.948e+05
		3.948e+05	-1.936e+04	0.03	0.0	143.7	-5217.40	1133.83	74.28	-1034.24	-3304.65	5.346e+05
148	59	5.419e+05	-2.108e+04	-0.06	-105.34	0.0	-5003.31	437.89	-346.56	-251.88	-2.108e+04	5.176e+05
		5.176e+05	-5.588e+04	0.06	0.0	143.7	-4994.11	332.55	-346.56	-251.88	-5.588e+04	5.419e+05
148	60	5.800e+05	4.907e+04	-0.06	-105.34	0.0	-4984.83	937.85	267.86	-1224.90	2.557e+04	4.217e+05
		4.217e+05	2.557e+04	-0.05	0.0	143.7	-4975.63	832.51	267.86	-1224.90	4.907e+04	5.800e+05
148	66	5.930e+05	3.971e+04	-0.06	-105.34	0.0	-4855.69	572.75	14.34	-1083.24	3.971e+04	4.710e+05
		4.710e+05	3.695e+04	-0.04	0.0	143.7	-4846.49	467.41	14.34	-1083.24	3.695e+04	5.930e+05
148	74	5.610e+05	2248.48	-0.06	-105.34	0.0	-4994.07	687.87	-39.35	-738.39	2248.48	4.697e+05
		4.697e+05	-3404.49	7.70e-03	0.0	143.7	-4984.87	582.53	-39.35	-738.39	-3404.49	5.610e+05
148	75	5.610e+05	2248.48	-0.06	-105.34	0.0	-4994.07	687.87	-39.35	-738.39	2248.48	4.697e+05
		4.697e+05	-3404.49	7.70e-03	0.0	143.7	-4984.87	582.53	-39.35	-738.39	-3404.49	5.610e+05
148	76	5.610e+05	2248.48	-0.06	-105.34	0.0	-4994.07	687.87	-39.35	-738.39	2248.48	4.697e+05
		4.697e+05	-3404.49	7.70e-03	0.0	143.7	-4984.87	582.53	-39.35	-738.39	-3404.49	5.610e+05
149	3	2.968e+05	2.051e+04	-0.41	-136.94	0.0	-1.117e+04	5985.05	-226.23	-2298.14	2.051e+04	-6.051e+05
		-6.051e+05	-1.398e+04	0.02	0.0	152.5	-1.112e+04	5848.11	-226.23	-2298.14	-1.398e+04	2.968e+05
149	6	1.731e+05	1.237e+04	-0.23	-105.34	0.0	-6429.11	3441.97	-133.60	-1389.19	1.237e+04	-3.436e+05
		-3.436e+05	-7997.55	0.01	0.0	152.5	-6390.47	3336.63	-133.60	-1389.19	-7997.55	1.731e+05
149	8	2.213e+05	1.531e+04	-0.30	-105.34	0.0	-8296.38	4451.13	-168.63	-1720.49	1.531e+04	-4.493e+05
		-4.493e+05	-1.039e+04	0.02	0.0	152.5	-8257.74	4345.79	-168.63	-1720.49	-1.039e+04	2.213e+05
149	9	1.725e+05	1.238e+04	-0.23	-105.34	0.0	-6440.62	3437.92	-133.61	-1383.25	1.238e+04	-3.435e+05
		-3.435e+05	-7986.29	0.01	0.0	152.5	-6401.98	3332.58	-133.61	-1383.25	-7986.29	1.725e+05
149	10	3.130e+05	1.403e+04	-0.25	-105.34	0.0	-5458.33	3224.40	-143.98	-950.55	1.403e+04	-1.682e+05
		-1.682e+05	-8771.83	-0.04	0.0	152.5	-5419.69	3119.06	-143.98	-950.55	-8771.83	3.130e+05
149	11	3.252e+05	3.880e+04	-0.26	-105.34	0.0	-5561.05	3144.30	-445.98	-1307.62	3.880e+04	-1.533e+05
		-1.533e+05	-3.307e+04	0.06	0.0	152.5	-5522.41	3038.96	-445.98	-1307.62	-3.307e+04	3.252e+05
149	12	1.991e+04	1.709e+04	-0.21	-105.34	0.0	-7320.20	3731.55	178.76	-1458.89	-1.404e+04	-5.338e+05
		-5.338e+05	-1.404e+04	-0.04	0.0	152.5	-7281.56	3626.21	178.76	-1458.89	1.709e+04	1.991e+04
149	13	3.206e+04	1.073e+04	-0.21	-105.34	0.0	-7422.91	3651.44	-123.25	-1815.96	1.073e+04	-5.188e+05
		-5.188e+05	-7200.74	0.07	0.0	152.5	-7384.27	3546.10	-123.25	-1815.96	-7200.74	3.206e+04
149	35	2.306e+05	5.790e+04	-0.25	-105.34	0.0	-6010.95	3216.55	-747.67	-1770.97	5.790e+04	-2.691e+05
		-2.691e+05	-5.789e+04	0.20	0.0	152.5	-5972.31	3111.21	-747.67	-1770.97	-5.789e+04	2.306e+05
149	41	1.462e+05	5.686e+04	-0.23	-105.34	0.0	-6522.85	3363.82	-744.00	-1911.20	5.686e+04	-3.746e+05
		-3.746e+05	-5.809e+04	0.20	0.0	152.5	-6484.21	3258.48	-744.00	-1911.20	-5.809e+04	1.462e+05
149	42	3.130e+05	1.403e+04	-0.25	-105.34	0.0	-5458.33	3224.40	-143.98	-950.55	1.403e+04	-1.682e+05
		-1.682e+05	-8771.83	-0.04	0.0	152.5	-5419.69	3119.06	-143.98	-950.55	-8771.83	3.130e+05
149	43	3.252e+05	3.880e+04	-0.26	-105.34	0.0	-5561.05	3144.30	-445.98	-1307.62	3.880e+04	-1.533e+05
		-1.533e+05	-3.307e+04	0.06	0.0	152.5	-5522.41	3038.96	-445.98	-1307.62	-3.307e+04	3.252e+05
149	44	1.991e+04	1.709e+04	-0.21	-105.34	0.0	-7320.20	3731.55	178.76	-1458.89	-1.404e+04	-5.338e+05
		-5.338e+05	-1.404e+04	-0.04	0.0	152.5	-7281.56	3626.21	178.76	-1458.89	1.709e+04	1.991e+04
149	45	3.206e+04	1.073e+04	-0.21	-105.34	0.0	-7422.91	3651.44	-123.25	-1815.96	1.073e+04	-5.188e+05
		-5.188e+05	-7200.74	0.07	0.0	152.5	-7384.27	3546.10	-123.25	-1815.96	-7200.74	3.206e+04
149	67	2.306e+05	5.790e+04	-0.25	-105.34	0.0	-6010.95	3216.55	-747.67	-1770.97	5.790e+04	-2.691e+05
		-2.691e+05	-5.789e+04	0.20	0.0	152.5	-5972.31	3111.21	-747.67	-1770.97	-5.789e+04	2.306e+05
149	73	1.462e+05	5.686e+04	-0.23	-105.34	0.0	-6522.85	3363.82	-744.00	-1911.20	5.686e+04	-3.746e+05
		-3.746e+05	-5.809e+04	0.20	0.0	152.5	-6484.21	3258.48	-744.00	-1911.20	-5.809e+04	1.462e+05
149	74	1.725e+05	1.238e+04	-0.23	-105.34	0.0	-6440.62	3437.92	-133.61	-1383.25	1.238e+04	-3.435e+05
		-3.435e+05	-7986.29	0.01	0.0	152.5	-6401.98	3332.58	-133.61	-1383.25	-7986.29	1.725e+05
149	75	1.725e+05	1.238e+04	-0.23	-105.34	0.0	-6440.62	3437.92	-133.61	-1383.25	1.238e+04	-3.435e+05
		-3.435e+05	-7986.29	0.01	0.0	152.5	-6401.98	3332.58	-133.61	-1383.25	-7986.29	1.725e+05
149	76	1.725e+05	1.238e+04	-0.23	-105.34	0.0	-6440.62	3437.92	-133.61	-1383.25	1.238e+04	-3.435e+05
		-3.435e+05	-7986.29	0.01	0.0	152.5	-6401.98	3332.58	-133.61	-1383.25	-7986.29	1.725e+05
150	3	5.776e+05	3.004e+04	0.30	-136.94	0.0	-1.473e+04	-5322.12	166.40	-509.71	-251.68	-5.776e+05
		-5.776e+05	-251.68	0.01	0.0	182.0	-1.484e+04	-5459.06	166.40	-509.71	3.004e+04	-1.559e+06
150	4	4.794e+05	2.530e+04	0.25	-105.34	0.0	-1.216e+04	-4412.65	140.73	-393.93	-324.48	-4.794e+05
		-4.794e+05	-324.48	0.01	0.0	182.0	-1.224e+04	-4517.99	140.73	-393.93	2.530e+04	-1.292e+06
150	6	3.272e+05	1.612e+04	0.18	-105.34	0.0	-8498.14	-3087.20	86.64	-332.76	349.32	-3.272e+05
		-3.272e+05	349.32	8.02e-03	0.0	182.0	-8580.94	-3192.54	86.64	-332.76	1.612e+04	-8.988e+05
150	8	4.287e+05	2.220e+04	0.23	-105.34	0.0	-1.095e+04	-3963.58	122.56	-380.48	-113.79	-4.287e+05
		-4.287e+05	-113.79	9.67e-03	0.0	182.0	-1.103e+04	-4068.92	122.56	-380.48	2.220e+04	-1.160e+06
150	9	3.273e+05	1.608e+04	0.18	-105.34	0.0	-8508.06	-3079.94	86.50	-339.70	335.40	-3.273e+05
		-3.273e+05	335.40	8.08e-03	0.0	182.0	-8590.86	-3185.28	86.50	-339.70	1.608e+04	-8.975e+05
150	11	5.014e+05	7.038e+04	0.09	-105.34	0.0	-9803.82	-2707.34	465.23	515.30	-1.631e+04	-5.014e+05
		-5.014e+05	-1.631e+04	-0.04	0.0	182.0	-9886.62	-2812.68	465.23	515.30	7.038e+04	-1.022e+06

150	12	-1.531e+05	1.698e+04	0.27	-105.34	0.0	-7212.31	-3452.54	-292.24	-1194.69	1.698e+04	-1.531e+05
		-7.735e+05	-3.821e+04	0.05	0.0	182.0	-7295.11	-3557.88	-292.24	-1194.69	-3.821e+04	-7.735e+05
150	13	-1.369e+05	2.357e+04	0.27	-105.34	0.0	-7376.37	-3381.29	97.42	1266.87	5331.95	-1.369e+05
		-7.518e+05	5331.95	-0.02	0.0	182.0	-7459.17	-3486.63	97.42	1266.87	2.357e+04	-7.518e+05
150	22	-5.043e+05	7810.65	0.10	-105.34	0.0	-9465.75	-2892.56	80.08	-1143.79	-5863.37	-5.043e+05
		-1.044e+06	-5863.37	0.03	0.0	182.0	-9548.55	-2997.90	80.08	-1143.79	7810.65	-1.044e+06
150	27	-3.550e+05	1.261e+05	0.15	-105.34	0.0	-9145.61	-2860.10	791.10	3650.17	-2.232e+04	-3.550e+05
		-9.019e+05	-2.232e+04	-0.10	0.0	182.0	-9228.41	-2965.44	791.10	3650.17	1.261e+05	-9.019e+05
150	28	-2.995e+05	2.299e+04	0.20	-105.34	0.0	-7870.51	-3299.78	-618.11	-4329.56	2.299e+04	-2.995e+05
		-8.932e+05	-9.391e+04	0.11	0.0	182.0	-7953.31	-3405.12	-618.11	-4329.56	-9.391e+04	-8.932e+05
150	43	-5.014e+05	7.038e+04	0.09	-105.34	0.0	-9803.82	-2707.34	465.23	515.30	-1.631e+04	-5.014e+05
		-1.022e+06	-1.631e+04	-0.04	0.0	182.0	-9886.62	-2812.68	465.23	515.30	7.038e+04	-1.022e+06
150	44	-1.531e+05	1.698e+04	0.27	-105.34	0.0	-7212.31	-3452.54	-292.24	-1194.69	1.698e+04	-1.531e+05
		-7.735e+05	-3.821e+04	0.05	0.0	182.0	-7295.11	-3557.88	-292.24	-1194.69	-3.821e+04	-7.735e+05
150	45	-1.369e+05	2.357e+04	0.27	-105.34	0.0	-7376.37	-3381.29	97.42	1266.87	5331.95	-1.369e+05
		-7.518e+05	5331.95	-0.02	0.0	182.0	-7459.17	-3486.63	97.42	1266.87	2.357e+04	-7.518e+05
150	54	-5.043e+05	7810.65	0.10	-105.34	0.0	-9465.75	-2892.56	80.08	-1143.79	-5863.37	-5.043e+05
		-1.044e+06	-5863.37	0.03	0.0	182.0	-9548.55	-2997.90	80.08	-1143.79	7810.65	-1.044e+06
150	59	-3.550e+05	1.261e+05	0.15	-105.34	0.0	-9145.61	-2860.10	791.10	3650.17	-2.232e+04	-3.550e+05
		-9.019e+05	-2.232e+04	-0.10	0.0	182.0	-9228.41	-2965.44	791.10	3650.17	1.261e+05	-9.019e+05
150	60	-2.995e+05	2.299e+04	0.20	-105.34	0.0	-7870.51	-3299.78	-618.11	-4329.56	2.299e+04	-2.995e+05
		-8.932e+05	-9.391e+04	0.11	0.0	182.0	-7953.31	-3405.12	-618.11	-4329.56	-9.391e+04	-8.932e+05
150	74	-3.273e+05	1.608e+04	0.18	-105.34	0.0	-8508.06	-3079.94	86.50	-339.70	335.40	-3.273e+05
		-8.975e+05	335.40	8.08e-03	0.0	182.0	-8590.86	-3185.28	86.50	-339.70	1.608e+04	-8.975e+05
150	75	-3.273e+05	1.608e+04	0.18	-105.34	0.0	-8508.06	-3079.94	86.50	-339.70	335.40	-3.273e+05
		-8.975e+05	335.40	8.08e-03	0.0	182.0	-8590.86	-3185.28	86.50	-339.70	1.608e+04	-8.975e+05
150	76	-3.273e+05	1.608e+04	0.18	-105.34	0.0	-8508.06	-3079.94	86.50	-339.70	335.40	-3.273e+05
		-8.975e+05	335.40	8.08e-03	0.0	182.0	-8590.86	-3185.28	86.50	-339.70	1.608e+04	-8.975e+05
151	2	4.544e+05	-1610.59	0.17	-105.34	0.0	-5711.25	-1885.04	-1.80	1521.31	-1610.59	4.544e+05
		1.700e+05	-1874.54	0.01	0.0	146.8	-5735.17	-1990.38	-1.80	1521.31	-1874.54	1.700e+05
151	3	8.287e+05	-2288.46	0.30	-136.94	0.0	-9463.85	-3433.12	8.98	2748.74	-3606.24	8.287e+05
		3.148e+05	-3606.24	0.01	0.0	146.8	-9494.94	-3570.06	8.98	2748.74	-2288.46	3.148e+05
151	6	4.765e+05	-1505.69	0.17	-105.34	0.0	-5440.47	-1941.19	2.82	1628.60	-1919.00	4.765e+05
		1.838e+05	-1919.00	9.08e-03	0.0	146.8	-5464.39	-2046.53	2.82	1628.60	-1505.69	1.838e+05
151	7	4.608e+05	-1691.59	0.17	-105.34	0.0	-5632.94	-1901.32	-0.55	1552.33	-1691.59	4.608e+05
		1.740e+05	-1771.97	0.01	0.0	146.8	-5656.86	-2006.66	-0.55	1552.33	-1771.97	1.740e+05
151	8	6.165e+05	-1715.53	0.22	-105.34	0.0	-7028.25	-2548.87	6.51	2052.16	-2671.66	6.165e+05
		2.347e+05	-2671.66	0.01	0.0	146.8	-7052.17	-2654.21	6.51	2052.16	-1715.53	2.347e+05
151	9	4.755e+05	-1526.08	0.17	-105.34	0.0	-5452.42	-1938.76	2.53	1623.86	-1897.19	4.755e+05
		1.832e+05	-1897.19	9.22e-03	0.0	146.8	-5476.34	-2044.10	2.53	1623.86	-1526.08	1.832e+05
151	11	3.858e+05	-1.408e+04	0.18	-105.34	0.0	-6068.32	-2353.92	43.00	1798.27	-1.408e+04	3.858e+05
		3.071e+04	-1.852e+04	-0.03	0.0	146.8	-6092.24	-2459.26	43.00	1798.27	-1.852e+04	3.071e+04
151	12	5.651e+05	1.547e+04	0.16	-105.34	0.0	-4836.52	-1523.59	-37.94	1449.45	1.028e+04	5.651e+05
		3.357e+05	1.028e+04	0.05	0.0	146.8	-4860.44	-1628.93	-37.94	1449.45	1.547e+04	3.357e+05
151	31	4.320e+05	-1.550e+04	0.18	-105.34	0.0	-5731.77	-1950.14	439.33	1192.84	-6.104e+04	4.320e+05
		1.242e+05	-6.104e+04	-0.14	0.0	146.8	-5755.69	-2055.48	439.33	1192.84	-1.550e+04	1.242e+05
151	32	5.189e+05	5.724e+04	0.16	-105.34	0.0	-5173.07	-1927.38	-434.27	2054.88	5.724e+04	5.189e+05
		2.421e+05	1.245e+04	0.16	0.0	146.8	-5196.99	-2032.72	-434.27	2054.88	1.245e+04	2.421e+05
151	43	3.858e+05	-1.408e+04	0.18	-105.34	0.0	-6068.32	-2353.92	43.00	1798.27	-1.408e+04	3.858e+05
		3.071e+04	-1.852e+04	-0.03	0.0	146.8	-6092.24	-2459.26	43.00	1798.27	-1.852e+04	3.071e+04
151	44	5.651e+05	1.547e+04	0.16	-105.34	0.0	-4836.52	-1523.59	-37.94	1449.45	1.028e+04	5.651e+05
		3.357e+05	1.028e+04	0.05	0.0	146.8	-4860.44	-1628.93	-37.94	1449.45	1.547e+04	3.357e+05
151	63	4.320e+05	-1.550e+04	0.18	-105.34	0.0	-5731.77	-1950.14	439.33	1192.84	-6.104e+04	4.320e+05
		1.242e+05	-6.104e+04	-0.14	0.0	146.8	-5755.69	-2055.48	439.33	1192.84	-1.550e+04	1.242e+05
151	64	5.189e+05	5.724e+04	0.16	-105.34	0.0	-5173.07	-1927.38	-434.27	2054.88	5.724e+04	5.189e+05
		2.421e+05	1.245e+04	0.16	0.0	146.8	-5196.99	-2032.72	-434.27	2054.88	1.245e+04	2.421e+05
151	74	4.755e+05	-1526.08	0.17	-105.34	0.0	-5452.42	-1938.76	2.53	1623.86	-1897.19	4.755e+05
		1.832e+05	-1897.19	9.22e-03	0.0	146.8	-5476.34	-2044.10	2.53	1623.86	-1526.08	1.832e+05
151	75	4.755e+05	-1526.08	0.17	-105.34	0.0	-5452.42	-1938.76	2.53	1623.86	-1897.19	4.755e+05
		1.832e+05	-1897.19	9.22e-03	0.0	146.8	-5476.34	-2044.10	2.53	1623.86	-1526.08	1.832e+05
151	76	4.755e+05	-1526.08	0.17	-105.34	0.0	-5452.42	-1938.76	2.53	1623.86	-1897.19	4.755e+05
		1.832e+05	-1897.19	9.22e-03	0.0	146.8	-5476.34	-2044.10	2.53	1623.86	-1526.08	1.832e+05
152	2	-3.856e+05	9404.23	-0.18	-105.34	0.0	-6540.46	3999.90	-64.06	-933.01	9404.23	-3.856e+05
		-1.104e+06	-2258.36	-2.65e-03	0.0	182.0	-6457.66	3894.56	-64.06	-933.01	-2258.36	-1.104e+06
152	3	-6.823e+05	1.580e+04	-0.34	-136.94	0.0	-1.078e+04	7257.96	-111.11	-1581.50	1.580e+04	-6.823e+05
		-1.991e+06	-4431.14	-4.71e-03	0.0	182.0	-1.068e+04	7121.02	-111.11	-1581.50	-4431.14	-1.991e+06
152	6	-3.906e+05	8938.40	-0.20	-105.34	0.0	-6243.36	4241.72	-61.21	-906.88	8938.40	-3.906e+05
		-1.153e+06	-2204.48	-3.15e-03	0.0	182.0	-6160.56	4136.38	-61.21	-906.88	-2204.48	-1.153e+06
152	7	-3.870e+05	9249.24	-0.19	-105.34	0.0	-6454.37	4069.93	-63.03	-925.52	9249.24	-3.870e+05
		-1.118e+06	-2225.96	-2.81e-03	0.0	182.0	-6371.57	3964.59	-63.03	-925.52	-2225.96	-1.118e+06
152	8	-5.071e+05	1.172e+04	-0.26	-105.34	0.0	-8015.04	5409.85	-82.28	-1174.60	1.172e+04	-5.071e+05
		-1.482e+06	-3255.73	-3.55e-03	0.0	182.0	-7932.24	5304.51	-82.28	-1174.60	-3255.73	-1.482e+06
152	9	-3.904e+05	8938.69	-0.20	-105.34	0.0	-6256.30	4231.14	-61.13	-908.10	8938.69	-3.904e+05
		-1.151e+06	-2190.04	-3.15e-03	0.0	182.0	-6173.50	4125.80	-61.13	-908.10	-2190.04	-1.151e+06
152	23	-1.845e+05	9756.85	-0.28	-105.34	0.0	-4965.32	4519.66	-59.52	-1346.60	9756.85	-1.845e+05
		-9.846e+05	-1140.67	0.03	0.0	182.0	-4882.52	4414.32	-59.52	-1346.60	-1140.67	-9.846e+05
152	24	-5.962e+05	8120.52	-0.11	-105.34	0.0	-7547.29	3942.62	-62.74	-469.60	8120.52	-5.962e+05

		-1.317e+06	-3239.42	-0.03	0.0	182.0	-7464.49	3837.28	-62.74	-469.60	-3239.42	-5.962e+05
152	38	-3.633e+05	1.813e+04	-0.22	-105.34	0.0	-6159.45	4193.58	596.75	3290.22	-9.500e+04	-1.149e+06
		-1.149e+06	-9.500e+04	-0.11	0.0	182.0	-6076.65	4088.24	596.75	3290.22	1.813e+04	-3.633e+05
152	41	-4.174e+05	1.129e+05	-0.18	-105.34	0.0	-6353.15	4268.70	-719.02	-5106.42	1.129e+05	-1.153e+06
		-1.153e+06	-2.251e+04	0.11	0.0	182.0	-6270.35	4163.36	-719.02	-5106.42	-2.251e+04	-4.174e+05
152	55	-1.845e+05	9756.85	-0.28	-105.34	0.0	-4965.32	4519.66	-59.52	-1346.60	9756.85	-9.846e+05
		-9.846e+05	-1140.67	0.03	0.0	182.0	-4882.52	4414.32	-59.52	-1346.60	-1140.67	-1.845e+05
152	56	-5.962e+05	8120.52	-0.11	-105.34	0.0	-7547.29	3942.62	-62.74	-469.60	8120.52	-1.317e+06
		-1.317e+06	-3239.42	-0.03	0.0	182.0	-7464.49	3837.28	-62.74	-469.60	-3239.42	-5.962e+05
152	70	-3.633e+05	1.813e+04	-0.22	-105.34	0.0	-6159.45	4193.58	596.75	3290.22	-9.500e+04	-1.149e+06
		-1.149e+06	-9.500e+04	-0.11	0.0	182.0	-6076.65	4088.24	596.75	3290.22	1.813e+04	-3.633e+05
152	73	-4.174e+05	1.129e+05	-0.18	-105.34	0.0	-6353.15	4268.70	-719.02	-5106.42	1.129e+05	-1.153e+06
		-1.153e+06	-2.251e+04	0.11	0.0	182.0	-6270.35	4163.36	-719.02	-5106.42	-2.251e+04	-4.174e+05
152	74	-3.904e+05	8938.69	-0.20	-105.34	0.0	-6256.30	4231.14	-61.13	-908.10	8938.69	-1.151e+06
		-1.151e+06	-2190.04	-3.15e-03	0.0	182.0	-6173.50	4125.80	-61.13	-908.10	-2190.04	-3.904e+05
152	75	-3.904e+05	8938.69	-0.20	-105.34	0.0	-6256.30	4231.14	-61.13	-908.10	8938.69	-1.151e+06
		-1.151e+06	-2190.04	-3.15e-03	0.0	182.0	-6173.50	4125.80	-61.13	-908.10	-2190.04	-3.904e+05
152	76	-3.904e+05	8938.69	-0.20	-105.34	0.0	-6256.30	4231.14	-61.13	-908.10	8938.69	-1.151e+06
		-1.151e+06	-2190.04	-3.15e-03	0.0	182.0	-6173.50	4125.80	-61.13	-908.10	-2190.04	-3.904e+05
153	2	6.195e+05	2230.98	0.07	-105.34	0.0	-2734.77	-632.30	-42.59	-80.78	2230.98	6.195e+05
		5.211e+05	-3887.31	0.01	0.0	143.7	-2743.97	-737.64	-42.59	-80.78	-3887.31	5.211e+05
153	3	1.137e+06	3256.59	0.12	-136.94	0.0	-4113.20	-1186.59	-65.05	-129.96	3256.59	1.137e+06
		9.563e+05	-6089.38	0.02	0.0	143.7	-4125.16	-1323.53	-65.05	-129.96	-6089.38	9.563e+05
153	6	6.539e+05	2141.01	0.07	-105.34	0.0	-2353.28	-663.12	-40.37	-76.84	2141.01	6.539e+05
		5.510e+05	-3658.48	9.72e-03	0.0	143.7	-2362.48	-768.46	-40.37	-76.84	-3658.48	5.510e+05
153	7	6.295e+05	2210.77	0.07	-105.34	0.0	-2624.24	-641.29	-42.01	-79.87	2210.77	6.295e+05
		5.298e+05	-3824.23	0.01	0.0	143.7	-2633.44	-746.63	-42.01	-79.87	-3824.23	5.298e+05
153	8	8.457e+05	2451.31	0.09	-105.34	0.0	-3047.04	-880.16	-48.66	-96.67	2451.31	8.457e+05
		7.117e+05	-4540.35	0.01	0.0	143.7	-3056.24	-985.50	-48.66	-96.67	-4540.35	7.117e+05
153	9	6.524e+05	2150.79	0.07	-105.34	0.0	-2369.91	-661.84	-40.53	-77.24	2150.79	6.524e+05
		5.497e+05	-3671.68	9.86e-03	0.0	143.7	-2379.11	-767.18	-40.53	-77.24	-3671.68	5.497e+05
153	22	6.184e+05	1.117e+04	0.09	-105.34	0.0	-2614.05	-1227.63	0.14	340.93	6941.96	6.184e+05
		4.628e+05	6941.96	0.02	0.0	143.7	-2623.25	-1332.97	0.14	340.93	1.117e+04	6.184e+05
153	23	6.347e+05	-656.78	0.09	-105.34	0.0	-2568.11	-1271.13	146.44	167.70	-2.414e+04	6.347e+05
		4.454e+05	-2.414e+04	-0.03	0.0	143.7	-2577.31	-1376.47	146.44	167.70	-656.78	4.454e+05
153	25	6.863e+05	-2640.38	0.05	-105.34	0.0	-2125.76	-96.05	-81.20	-495.41	-2640.38	6.863e+05
		6.366e+05	-1.852e+04	-3.24e-03	0.0	143.7	-2134.96	-201.39	-81.20	-495.41	-1.852e+04	6.366e+05
153	37	6.877e+05	-1.950e+04	0.07	-105.34	0.0	-2230.62	-568.96	246.14	-235.08	-5.284e+04	6.877e+05
		5.477e+05	-5.284e+04	-0.07	0.0	143.7	-2239.82	-674.30	246.14	-235.08	-1.950e+04	5.477e+05
153	39	6.719e+05	-2.071e+04	0.08	-105.34	0.0	-2359.69	-910.60	237.45	-266.49	-5.289e+04	6.719e+05
		4.921e+05	-5.289e+04	-0.07	0.0	143.7	-2368.89	-1015.94	237.45	-266.49	-2.071e+04	4.921e+05
153	40	6.329e+05	5.719e+04	0.07	-105.34	0.0	-2380.13	-413.08	-318.50	112.00	5.719e+04	6.329e+05
		6.073e+05	1.336e+04	0.09	0.0	143.7	-2389.33	-518.42	-318.50	112.00	1.336e+04	6.073e+05
153	54	6.184e+05	1.117e+04	0.09	-105.34	0.0	-2614.05	-1227.63	0.14	340.93	6941.96	6.184e+05
		4.628e+05	6941.96	0.02	0.0	143.7	-2623.25	-1332.97	0.14	340.93	1.117e+04	6.184e+05
153	55	6.347e+05	-656.78	0.09	-105.34	0.0	-2568.11	-1271.13	146.44	167.70	-2.414e+04	6.347e+05
		4.454e+05	-2.414e+04	-0.03	0.0	143.7	-2577.31	-1376.47	146.44	167.70	-656.78	4.454e+05
153	57	6.863e+05	-2640.38	0.05	-105.34	0.0	-2125.76	-96.05	-81.20	-495.41	-2640.38	6.863e+05
		6.366e+05	-1.852e+04	-3.24e-03	0.0	143.7	-2134.96	-201.39	-81.20	-495.41	-1.852e+04	6.366e+05
153	69	6.877e+05	-1.950e+04	0.07	-105.34	0.0	-2230.62	-568.96	246.14	-235.08	-5.284e+04	6.877e+05
		5.477e+05	-5.284e+04	-0.07	0.0	143.7	-2239.82	-674.30	246.14	-235.08	-1.950e+04	5.477e+05
153	71	6.719e+05	-2.071e+04	0.08	-105.34	0.0	-2359.69	-910.60	237.45	-266.49	-5.289e+04	6.719e+05
		4.921e+05	-5.289e+04	-0.07	0.0	143.7	-2368.89	-1015.94	237.45	-266.49	-2.071e+04	4.921e+05
153	72	6.329e+05	5.719e+04	0.07	-105.34	0.0	-2380.13	-413.08	-318.50	112.00	5.719e+04	6.329e+05
		6.073e+05	1.336e+04	0.09	0.0	143.7	-2389.33	-518.42	-318.50	112.00	1.336e+04	6.073e+05
153	74	6.524e+05	2150.79	0.07	-105.34	0.0	-2369.91	-661.84	-40.53	-77.24	2150.79	6.524e+05
		5.497e+05	-3671.68	9.86e-03	0.0	143.7	-2379.11	-767.18	-40.53	-77.24	-3671.68	5.497e+05
153	75	6.524e+05	2150.79	0.07	-105.34	0.0	-2369.91	-661.84	-40.53	-77.24	2150.79	6.524e+05
		5.497e+05	-3671.68	9.86e-03	0.0	143.7	-2379.11	-767.18	-40.53	-77.24	-3671.68	5.497e+05
153	76	6.524e+05	2150.79	0.07	-105.34	0.0	-2369.91	-661.84	-40.53	-77.24	2150.79	6.524e+05
		5.497e+05	-3671.68	9.86e-03	0.0	143.7	-2379.11	-767.18	-40.53	-77.24	-3671.68	5.497e+05
154	2	5.101e+05	2183.35	-0.19	-105.34	0.0	-3269.07	2320.64	-39.47	14.36	2183.35	1.773e+05
		1.773e+05	-3608.91	0.01	0.0	146.8	-3245.15	2215.30	-39.47	14.36	-3608.91	5.101e+05
154	3	9.363e+05	2949.85	-0.35	-136.94	0.0	-5053.14	4181.66	-59.94	-2.18	2949.85	3.326e+05
		3.326e+05	-5847.85	0.01	0.0	146.8	-5022.04	4044.72	-59.94	-2.18	-5847.85	9.363e+05
154	6	5.392e+05	1960.10	-0.20	-105.34	0.0	-2896.89	2410.02	-36.74	4.27	1960.10	1.932e+05
		1.932e+05	-3432.87	8.35e-03	0.0	146.8	-2872.97	2304.68	-36.74	4.27	-3432.87	5.392e+05
154	7	5.186e+05	2125.17	-0.19	-105.34	0.0	-3161.22	2346.48	-38.72	11.07	2125.17	1.819e+05
		1.819e+05	-3558.13	9.90e-03	0.0	146.8	-3137.30	2241.14	-38.72	11.07	-3558.13	5.186e+05
154	8	6.968e+05	2219.25	-0.26	-105.34	0.0	-3746.37	3111.22	-44.77	-0.93	2219.25	2.479e+05
		2.479e+05	-4352.07	9.99e-03	0.0	146.8	-3722.45	3005.88	-44.77	-0.93	-4352.07	6.968e+05
154	9	5.379e+05	1976.34	-0.20	-105.34	0.0	-2913.10	2406.07	-36.91	4.34	1976.34	1.925e+05
		1.925e+05	-3440.77	8.47e-03	0.0	146.8	-2889.18	2300.73	-36.91	4.34	-3440.77	5.379e+05
154	15	6.205e+05	1.224e+04	-0.19	-105.34	0.0	-2309.33	1895.95	-285.79	-157.86	1.224e+04	3.395e+05
		3.395e+05	-3.255e+04	0.05	0.0	146.8	-2285.41	1790.61	-285.79	-157.86	-3.255e+04	6.205e+05
154	16	4.553e+05	2.567e+04	-0.21	-105.34	0.0	-3516.86	2916.19	211.97	166.55	-8289.71	4.553e+05
		4.555e+04	-8289.71	-0.03	0.0	146.8	-3492.94	2810.85	211.97	166.55	2.567e+04	4.553e+05

154	19	6.252e+05	153.34	-0.19	-105.34	0.0	-2327.56	1864.12	-58.93	408.43	153.34	3.492e+05
		3.492e+05	-5114.84	0.06	0.0	146.8	-2303.64	1758.78	-58.93	408.43	-5114.84	6.252e+05
154	24	4.513e+05	1.283e+04	-0.21	-105.34	0.0	-3502.85	2956.04	-21.88	-451.75	1.283e+04	3.474e+04
		3.474e+04	300.48	-0.04	0.0	146.8	-3478.93	2850.70	-21.88	-451.75	300.48	4.513e+05
154	38	5.428e+05	5.642e+04	-0.19	-105.34	0.0	-2849.44	2393.06	377.47	-461.02	7099.13	2.211e+05
		2.211e+05	7099.13	-0.14	0.0	146.8	-2825.52	2287.72	377.47	-461.02	5.642e+04	5.428e+05
154	41	5.330e+05	-3146.45	-0.21	-105.34	0.0	-2976.76	2419.08	-451.29	469.71	-3146.45	1.639e+05
		1.639e+05	-6.330e+04	0.15	0.0	146.8	-2952.84	2313.74	-451.29	469.71	-6.330e+04	5.330e+05
154	47	6.205e+05	1.224e+04	-0.19	-105.34	0.0	-2309.33	1895.95	-285.79	-157.86	1.224e+04	3.395e+05
		3.395e+05	-3.255e+04	0.05	0.0	146.8	-2285.41	1790.61	-285.79	-157.86	-3.255e+04	6.205e+05
154	48	4.553e+05	2.567e+04	-0.21	-105.34	0.0	-3516.86	2916.19	211.97	166.55	-8289.71	4.555e+04
		4.555e+04	-8289.71	-0.03	0.0	146.8	-3492.94	2810.85	211.97	166.55	2.567e+04	5.330e+05
154	51	6.252e+05	153.34	-0.19	-105.34	0.0	-2327.56	1864.12	-58.93	408.43	153.34	3.492e+05
		3.492e+05	-5114.84	0.06	0.0	146.8	-2303.64	1758.78	-58.93	408.43	-5114.84	6.252e+05
154	56	4.513e+05	1.283e+04	-0.21	-105.34	0.0	-3502.85	2956.04	-21.88	-451.75	1.283e+04	3.474e+04
		3.474e+04	300.48	-0.04	0.0	146.8	-3478.93	2850.70	-21.88	-451.75	300.48	4.513e+05
154	70	5.428e+05	5.642e+04	-0.19	-105.34	0.0	-2849.44	2393.06	377.47	-461.02	7099.13	2.211e+05
		2.211e+05	7099.13	-0.14	0.0	146.8	-2825.52	2287.72	377.47	-461.02	5.642e+04	5.428e+05
154	73	5.330e+05	-3146.45	-0.21	-105.34	0.0	-2976.76	2419.08	-451.29	469.71	-3146.45	1.639e+05
		1.639e+05	-6.330e+04	0.15	0.0	146.8	-2952.84	2313.74	-451.29	469.71	-6.330e+04	5.330e+05
154	74	5.379e+05	1976.34	-0.20	-105.34	0.0	-2913.10	2406.07	-36.91	4.34	1976.34	1.925e+05
		1.925e+05	-3440.77	8.47e-03	0.0	146.8	-2889.18	2300.73	-36.91	4.34	-3440.77	5.379e+05
154	75	5.379e+05	1976.34	-0.20	-105.34	0.0	-2913.10	2406.07	-36.91	4.34	1976.34	1.925e+05
		1.925e+05	-3440.77	8.47e-03	0.0	146.8	-2889.18	2300.73	-36.91	4.34	-3440.77	5.379e+05
154	76	5.379e+05	1976.34	-0.20	-105.34	0.0	-2913.10	2406.07	-36.91	4.34	1976.34	1.925e+05
		1.925e+05	-3440.77	8.47e-03	0.0	146.8	-2889.18	2300.73	-36.91	4.34	-3440.77	5.379e+05
155	3	3.724e+05	55.43	0.47	-136.94	0.0	-6598.94	-6469.22	-26.57	299.91	55.43	3.724e+05
		-6.243e+05	-3995.51	9.41e-03	0.0	152.5	-6649.17	-6606.16	-26.57	299.91	-3995.51	-6.243e+05
155	5	2.800e+05	297.91	0.35	-136.94	0.0	-4947.55	-4804.15	-23.85	201.44	297.91	2.800e+05
		-4.628e+05	-3338.60	8.59e-03	0.0	152.5	-4997.78	-4941.09	-23.85	201.44	-3338.60	-4.628e+05
155	6	2.168e+05	228.74	0.27	-105.34	0.0	-3777.97	-3705.55	-17.96	155.93	228.74	2.168e+05
		-3.562e+05	-2509.63	6.40e-03	0.0	152.5	-3816.61	-3810.89	-17.96	155.93	-2509.63	-3.562e+05
155	8	2.776e+05	67.33	0.35	-105.34	0.0	-4894.63	-4809.91	-19.99	221.03	67.33	2.776e+05
		-4.637e+05	-2980.64	7.07e-03	0.0	152.5	-4933.27	-4915.25	-19.99	221.03	-2980.64	-4.637e+05
155	9	2.160e+05	228.98	0.27	-105.34	0.0	-3793.70	-3699.87	-18.18	155.38	228.98	2.160e+05
		-3.561e+05	-2542.71	6.51e-03	0.0	152.5	-3832.34	-3805.21	-18.18	155.38	-2542.71	-3.561e+05
155	22	6.578e+04	4571.43	0.24	-105.34	0.0	-4745.44	-3927.14	-112.62	-233.20	4571.43	6.578e+04
		-5.377e+05	-2.585e+04	0.07	0.0	152.5	-4784.08	-4032.48	-112.62	-233.20	-2.585e+04	-5.377e+05
155	23	5.172e+04	1839.06	0.25	-105.34	0.0	-4642.14	-4013.61	217.92	129.19	-1.919e+04	5.172e+04
		-5.503e+05	-1.919e+04	-0.04	0.0	152.5	-4680.78	-4118.95	217.92	129.19	1839.06	-5.503e+05
155	24	3.802e+05	1.965e+04	0.29	-105.34	0.0	-2945.26	-3386.12	-254.29	181.57	1.965e+04	3.802e+05
		-1.619e+05	-6924.48	0.05	0.0	152.5	-2983.90	-3491.46	-254.29	181.57	-6924.48	-1.619e+05
155	25	3.662e+05	2.077e+04	0.30	-105.34	0.0	-2841.96	-3472.60	76.26	543.96	-4113.47	3.662e+05
		-1.744e+05	-4113.47	-0.06	0.0	152.5	-2880.60	-3577.94	76.26	543.96	2.077e+04	-1.744e+05
155	26	1.874e+05	5.215e+04	0.26	-105.34	0.0	-4189.03	-3637.32	-637.82	-441.20	5.215e+04	1.874e+05
		-3.873e+05	-4.931e+04	0.20	0.0	152.5	-4227.67	-3742.66	-637.82	-441.20	-4.931e+04	-3.873e+05
155	29	2.446e+05	4.422e+04	0.29	-105.34	0.0	-3398.37	-3762.41	601.46	751.96	-5.169e+04	2.446e+05
		-3.249e+05	-5.169e+04	-0.19	0.0	152.5	-3437.01	-3867.75	601.46	751.96	4.422e+04	-3.249e+05
155	54	6.578e+04	4571.43	0.24	-105.34	0.0	-4745.44	-3927.14	-112.62	-233.20	4571.43	6.578e+04
		-5.377e+05	-2.585e+04	0.07	0.0	152.5	-4784.08	-4032.48	-112.62	-233.20	-2.585e+04	-5.377e+05
155	55	5.172e+04	1839.06	0.25	-105.34	0.0	-4642.14	-4013.61	217.92	129.19	-1.919e+04	5.172e+04
		-5.503e+05	-1.919e+04	-0.04	0.0	152.5	-4680.78	-4118.95	217.92	129.19	1839.06	-5.503e+05
155	56	3.802e+05	1.965e+04	0.29	-105.34	0.0	-2945.26	-3386.12	-254.29	181.57	1.965e+04	3.802e+05
		-1.619e+05	-6924.48	0.05	0.0	152.5	-2983.90	-3491.46	-254.29	181.57	-6924.48	-1.619e+05
155	57	3.662e+05	2.077e+04	0.30	-105.34	0.0	-2841.96	-3472.60	76.26	543.96	-4113.47	3.662e+05
		-1.744e+05	-4113.47	-0.06	0.0	152.5	-2880.60	-3577.94	76.26	543.96	2.077e+04	-1.744e+05
155	58	1.874e+05	5.215e+04	0.26	-105.34	0.0	-4189.03	-3637.32	-637.82	-441.20	5.215e+04	1.874e+05
		-3.873e+05	-4.931e+04	0.20	0.0	152.5	-4227.67	-3742.66	-637.82	-441.20	-4.931e+04	-3.873e+05
155	61	2.446e+05	4.422e+04	0.29	-105.34	0.0	-3398.37	-3762.41	601.46	751.96	-5.169e+04	2.446e+05
		-3.249e+05	-5.169e+04	-0.19	0.0	152.5	-3437.01	-3867.75	601.46	751.96	4.422e+04	-3.249e+05
155	74	2.160e+05	228.98	0.27	-105.34	0.0	-3793.70	-3699.87	-18.18	155.38	228.98	2.160e+05
		-3.561e+05	-2542.71	6.51e-03	0.0	152.5	-3832.34	-3805.21	-18.18	155.38	-2542.71	-3.561e+05
155	75	2.160e+05	228.98	0.27	-105.34	0.0	-3793.70	-3699.87	-18.18	155.38	228.98	2.160e+05
		-3.561e+05	-2542.71	6.51e-03	0.0	152.5	-3832.34	-3805.21	-18.18	155.38	-2542.71	-3.561e+05
155	76	2.160e+05	228.98	0.27	-105.34	0.0	-3793.70	-3699.87	-18.18	155.38	228.98	2.160e+05
		-3.561e+05	-2542.71	6.51e-03	0.0	152.5	-3832.34	-3805.21	-18.18	155.38	-2542.71	-3.561e+05
156	2	6.195e+05	2255.05	-0.07	-105.34	0.0	-2754.30	814.48	-39.56	-7.94	2255.05	5.101e+05
		5.101e+05	-3429.07	0.01	0.0	143.7	-2745.10	709.14	-39.56	-7.94	-3429.07	6.195e+05
156	3	1.137e+06	3216.79	-0.13	-136.94	0.0	-4143.47	1463.33	-59.96	-23.30	3216.79	9.362e+05
		9.362e+05	-5396.96	0.01	0.0	143.7	-4131.51	1326.39	-59.96	-23.30	-5396.96	1.137e+06
156	6	6.539e+05	2098.68	-0.07	-105.34	0.0	-2373.45	851.42	-36.86	-13.78	2098.68	5.391e+05
		5.391e+05	-3196.95	8.56e-03	0.0	143.7	-2364.25	746.08	-36.86	-13.78	-3196.95	6.539e+05
156	7	6.295e+05	2215.39	-0.07	-105.34	0.0	-2643.94	825.13	-38.83	-9.96	2215.39	5.185e+05
		5.185e+05	-3363.24	0.01	0.0	143.7	-2634.74	719.79	-38.83	-9.96	-3363.24	6.295e+05
156	8	8.457e+05	2417.70	-0.09	-105.34	0.0	-3069.92	1089.97	-44.80	-17.33	2417.70	6.967e+05
		6.967e+05	-4018.08	0.01	0.0	143.7	-3060.72	984.63	-44.80	-17.33	-4018.08	8.457e+05
156	9	6.524e+05	2111.15	-0.07	-105.34	0.0	-2390.04	849.76	-37.03	-13.85	2111.15	5.379e+05

		5.379e+05	-3208.49	8.69e-03	0.0	143.7	-2380.84	744.42	-37.03	-13.85	-3208.49	6.524e+05
156	11	6.332e+05	7115.08	-0.02	-105.34	0.0	-2176.73	254.81	-256.58	-293.39	7115.08	6.211e+05
		6.211e+05	-2.950e+04	0.02	0.0	143.7	-2167.53	149.47	-256.58	-293.39	-2.950e+04	6.332e+05
156	12	6.716e+05	2.309e+04	-0.13	-105.34	0.0	-2603.34	1444.70	182.52	265.69	-2892.79	4.547e+05
		4.547e+05	-2892.79	-5.29e-03	0.0	143.7	-2594.14	1339.36	182.52	265.69	2.309e+04	6.716e+05
156	20	6.704e+05	2.173e+04	-0.13	-105.34	0.0	-2589.95	1483.45	-52.04	-453.90	2.173e+04	4.506e+05
		4.506e+05	1681.20	-4.02e-03	0.0	143.7	-2580.75	1378.11	-52.04	-453.90	1681.20	6.704e+05
156	27	6.703e+05	-2.076e+04	-0.06	-105.34	0.0	-2276.78	608.91	-340.88	272.22	-2.076e+04	5.823e+05
		5.823e+05	-5.500e+04	0.06	0.0	143.7	-2267.58	503.57	-340.88	272.22	-5.500e+04	6.703e+05
156	28	6.344e+05	4.859e+04	-0.09	-105.34	0.0	-2503.29	1090.60	266.82	-299.91	2.498e+04	4.935e+05
		4.935e+05	2.498e+04	-0.05	0.0	143.7	-2494.09	985.26	266.82	-299.91	4.859e+04	6.344e+05
156	37	6.877e+05	-3.578e+04	-0.10	-105.34	0.0	-2395.18	918.88	-91.26	621.85	-3.578e+04	5.342e+05
		5.342e+05	-4.400e+04	0.05	0.0	143.7	-2385.98	813.54	-91.26	621.85	-4.400e+04	6.877e+05
156	43	6.332e+05	7115.08	-0.02	-105.34	0.0	-2176.73	254.81	-256.58	-293.39	7115.08	6.211e+05
		6.211e+05	-2.950e+04	0.02	0.0	143.7	-2167.53	149.47	-256.58	-293.39	-2.950e+04	6.332e+05
156	44	6.716e+05	2.309e+04	-0.13	-105.34	0.0	-2603.34	1444.70	182.52	265.69	2.309e+04	6.716e+05
		4.547e+05	-2892.79	-5.29e-03	0.0	143.7	-2594.14	1339.36	182.52	265.69	2.309e+04	6.716e+05
156	52	6.704e+05	2.173e+04	-0.13	-105.34	0.0	-2589.95	1483.45	-52.04	-453.90	2.173e+04	4.506e+05
		4.506e+05	1681.20	-4.02e-03	0.0	143.7	-2580.75	1378.11	-52.04	-453.90	1681.20	6.704e+05
156	59	6.703e+05	-2.076e+04	-0.06	-105.34	0.0	-2276.78	608.91	-340.88	272.22	-2.076e+04	5.823e+05
		5.823e+05	-5.500e+04	0.06	0.0	143.7	-2267.58	503.57	-340.88	272.22	-5.500e+04	6.703e+05
156	60	6.344e+05	4.859e+04	-0.09	-105.34	0.0	-2503.29	1090.60	266.82	-299.91	2.498e+04	4.935e+05
		4.935e+05	2.498e+04	-0.05	0.0	143.7	-2494.09	985.26	266.82	-299.91	4.859e+04	6.344e+05
156	69	6.877e+05	-3.578e+04	-0.10	-105.34	0.0	-2395.18	918.88	-91.26	621.85	-3.578e+04	5.342e+05
		5.342e+05	-4.400e+04	0.05	0.0	143.7	-2385.98	813.54	-91.26	621.85	-4.400e+04	6.877e+05
156	74	6.524e+05	2111.15	-0.07	-105.34	0.0	-2390.04	849.76	-37.03	-13.85	2111.15	5.379e+05
		5.379e+05	-3208.49	8.69e-03	0.0	143.7	-2380.84	744.42	-37.03	-13.85	-3208.49	6.524e+05
156	75	6.524e+05	2111.15	-0.07	-105.34	0.0	-2390.04	849.76	-37.03	-13.85	2111.15	5.379e+05
		5.379e+05	-3208.49	8.69e-03	0.0	143.7	-2380.84	744.42	-37.03	-13.85	-3208.49	6.524e+05
156	76	6.524e+05	2111.15	-0.07	-105.34	0.0	-2390.04	849.76	-37.03	-13.85	2111.15	5.379e+05
		5.379e+05	-3208.49	8.69e-03	0.0	143.7	-2380.84	744.42	-37.03	-13.85	-3208.49	6.524e+05
157	3	3.328e+05	6294.19	-0.46	-136.94	0.0	-6726.23	6728.17	-88.06	-437.91	6294.19	-6.825e+05
		-6.825e+05	-7129.96	0.01	0.0	152.5	-6676.00	6591.23	-88.06	-437.91	-7129.96	3.328e+05
157	6	1.933e+05	4015.06	-0.27	-105.34	0.0	-3862.90	3883.28	-53.18	-237.81	4015.06	-3.907e+05
		-3.907e+05	-4092.01	8.54e-03	0.0	152.5	-3824.26	3777.94	-53.18	-237.81	-4092.01	1.933e+05
157	8	2.480e+05	4720.03	-0.34	-105.34	0.0	-4990.90	5006.43	-65.72	-323.62	4720.03	-5.072e+05
		-5.072e+05	-5298.52	0.01	0.0	152.5	-4952.26	4901.09	-65.72	-323.62	-5298.52	2.480e+05
157	9	1.926e+05	4036.50	-0.26	-105.34	0.0	-3878.47	3877.26	-53.32	-237.86	4036.50	-3.905e+05
		-3.905e+05	-4092.73	8.62e-03	0.0	152.5	-3839.83	3771.92	-53.32	-237.86	-4092.73	1.926e+05
157	15	3.396e+05	2.941e+04	-0.28	-105.34	0.0	-2905.27	3559.76	-361.51	-136.66	2.941e+04	-2.021e+05
		-2.021e+05	-2.894e+04	0.06	0.0	152.5	-2866.63	3454.42	-361.51	-136.66	-2.894e+04	3.396e+05
157	16	4.565e+04	2.075e+04	-0.24	-105.34	0.0	-4851.68	4194.75	254.86	-339.05	-2.134e+04	-5.788e+05
		-5.788e+05	-2.134e+04	-0.05	0.0	152.5	-4813.04	4089.41	254.86	-339.05	2.075e+04	4.565e+04
157	23	3.504e+05	6274.87	-0.29	-105.34	0.0	-2919.32	3533.64	-85.02	-145.26	6274.87	-1.846e+05
		-1.846e+05	-5347.66	0.08	0.0	152.5	-2880.68	3428.30	-85.02	-145.26	-5347.66	3.504e+05
157	24	3.482e+04	1798.13	-0.24	-105.34	0.0	-4837.62	4220.87	-21.63	-330.45	1798.13	-5.963e+05
		-5.963e+05	-2837.81	-0.06	0.0	152.5	-4798.98	4115.53	-21.63	-330.45	-2837.81	3.482e+04
157	35	2.523e+05	4.921e+04	-0.28	-105.34	0.0	-3426.21	3642.66	-660.17	-578.57	4.921e+04	-3.050e+05
		-3.050e+05	-5.351e+04	0.20	0.0	152.5	-3387.57	3537.32	-660.17	-578.57	-5.351e+04	2.523e+05
157	41	1.640e+05	4.835e+04	-0.27	-105.34	0.0	-3974.20	3813.43	-659.95	-710.10	4.835e+04	-4.175e+05
		-4.175e+05	-5.398e+04	0.20	0.0	152.5	-3935.56	3708.09	-659.95	-710.10	-5.398e+04	1.640e+05
157	47	3.396e+05	2.941e+04	-0.28	-105.34	0.0	-2905.27	3559.76	-361.51	-136.66	2.941e+04	-2.021e+05
		-2.021e+05	-2.894e+04	0.06	0.0	152.5	-2866.63	3454.42	-361.51	-136.66	-2.894e+04	3.396e+05
157	48	4.565e+04	2.075e+04	-0.24	-105.34	0.0	-4851.68	4194.75	254.86	-339.05	-2.134e+04	-5.788e+05
		-5.788e+05	-2.134e+04	-0.05	0.0	152.5	-4813.04	4089.41	254.86	-339.05	2.075e+04	4.565e+04
157	55	3.504e+05	6274.87	-0.29	-105.34	0.0	-2919.32	3533.64	-85.02	-145.26	6274.87	-1.846e+05
		-1.846e+05	-5347.66	0.08	0.0	152.5	-2880.68	3428.30	-85.02	-145.26	-5347.66	3.504e+05
157	56	3.482e+04	1798.13	-0.24	-105.34	0.0	-4837.62	4220.87	-21.63	-330.45	1798.13	-5.963e+05
		-5.963e+05	-2837.81	-0.06	0.0	152.5	-4798.98	4115.53	-21.63	-330.45	-2837.81	3.482e+04
157	67	2.523e+05	4.921e+04	-0.28	-105.34	0.0	-3426.21	3642.66	-660.17	-578.57	4.921e+04	-3.050e+05
		-3.050e+05	-5.351e+04	0.20	0.0	152.5	-3387.57	3537.32	-660.17	-578.57	-5.351e+04	2.523e+05
157	73	1.640e+05	4.835e+04	-0.27	-105.34	0.0	-3974.20	3813.43	-659.95	-710.10	4.835e+04	-4.175e+05
		-4.175e+05	-5.398e+04	0.20	0.0	152.5	-3935.56	3708.09	-659.95	-710.10	-5.398e+04	1.640e+05
157	74	1.926e+05	4036.50	-0.26	-105.34	0.0	-3878.47	3877.26	-53.32	-237.86	4036.50	-3.905e+05
		-3.905e+05	-4092.73	8.62e-03	0.0	152.5	-3839.83	3771.92	-53.32	-237.86	-4092.73	1.926e+05
157	75	1.926e+05	4036.50	-0.26	-105.34	0.0	-3878.47	3877.26	-53.32	-237.86	4036.50	-3.905e+05
		-3.905e+05	-4092.73	8.62e-03	0.0	152.5	-3839.83	3771.92	-53.32	-237.86	-4092.73	1.926e+05
157	76	1.926e+05	4036.50	-0.26	-105.34	0.0	-3878.47	3877.26	-53.32	-237.86	4036.50	-3.905e+05
		-3.905e+05	-4092.73	8.62e-03	0.0	152.5	-3839.83	3771.92	-53.32	-237.86	-4092.73	1.926e+05
158	2	-3.537e+05	796.90	0.20	-105.34	0.0	-6385.64	-3845.28	-64.50	431.25	796.90	-3.537e+05
		-1.063e+06	-1.094e+04	5.15e-03	0.0	182.0	-6468.44	-3950.62	-64.50	431.25	-1.094e+04	-1.063e+06
158	3	-6.241e+05	2255.91	0.38	-136.94	0.0	-1.055e+04	-7030.52	-115.89	803.65	2255.91	-6.241e+05
		-1.916e+06	-1.884e+04	8.92e-03	0.0	182.0	-1.066e+04	-7167.46	-115.89	803.65	-1.884e+04	-1.916e+06
158	6	-3.561e+05	1526.94	0.22	-105.34	0.0	-6084.40	-4082.83	-72.75	431.71	1526.94	-3.561e+05
		-1.109e+06	-1.172e+04	5.72e-03	0.0	182.0	-6167.20	-4188.17	-72.75	431.71	-1.172e+04	-1.109e+06
158	7	-3.544e+05	1008.12	0.21	-105.34	0.0	-6298.45	-3914.17	-66.96	430.96	1008.12	-3.544e+05
		-1.077e+06	-1.118e+04	5.38e-03	0.0	182.0	-6381.25	-4019.51	-66.96	430.96	-1.118e+04	-1.077e+06

158	8	-4.636e+05	1724.67	0.28	-105.34	0.0	-7837.33	-5236.88	-87.11	593.57	1724.67	-4.636e+05
		-1.427e+06	-1.413e+04	6.69e-03	0.0	182.0	-7920.13	-5342.22	-87.11	593.57	-1.413e+04	-1.427e+06
158	9	-3.560e+05	1494.81	0.22	-105.34	0.0	-6097.63	-4072.54	-72.46	431.26	1494.81	-3.560e+05
		-1.107e+06	-1.170e+04	5.76e-03	0.0	182.0	-6180.43	-4177.88	-72.46	431.26	-1.170e+04	-1.107e+06
158	23	-5.502e+05	3.241e+04	0.13	-105.34	0.0	-7311.75	-3701.97	229.78	1099.70	-1.283e+04	-5.502e+05
		-1.261e+06	-1.283e+04	-0.03	0.0	182.0	-7394.55	-3807.31	229.78	1099.70	3.241e+04	-1.261e+06
158	24	-1.618e+05	1.582e+04	0.31	-105.34	0.0	-4883.50	-4443.10	-374.69	-237.18	1.582e+04	-1.618e+05
		-9.527e+05	-5.580e+04	0.04	0.0	182.0	-4966.30	-4548.44	-374.69	-237.18	-5.580e+04	-9.527e+05
158	26	-3.872e+05	2.420e+04	0.19	-105.34	0.0	-6250.84	-3784.04	-773.60	-3821.59	2.420e+04	-3.872e+05
		-1.108e+06	-1.215e+05	0.11	0.0	182.0	-6333.64	-3889.38	-773.60	-3821.59	-1.215e+05	-1.108e+06
158	29	-3.248e+05	9.816e+04	0.25	-105.34	0.0	-5944.41	-4361.03	628.68	4684.11	-2.121e+04	-3.248e+05
		-1.106e+06	-2.121e+04	-0.10	0.0	182.0	-6027.21	-4466.37	628.68	4684.11	9.816e+04	-1.106e+06
158	55	-5.502e+05	3.241e+04	0.13	-105.34	0.0	-7311.75	-3701.97	229.78	1099.70	-1.283e+04	-5.502e+05
		-1.261e+06	-1.283e+04	-0.03	0.0	182.0	-7394.55	-3807.31	229.78	1099.70	3.241e+04	-1.261e+06
158	56	-1.618e+05	1.582e+04	0.31	-105.34	0.0	-4883.50	-4443.10	-374.69	-237.18	1.582e+04	-1.618e+05
		-9.527e+05	-5.580e+04	0.04	0.0	182.0	-4966.30	-4548.44	-374.69	-237.18	-5.580e+04	-9.527e+05
158	58	-3.872e+05	2.420e+04	0.19	-105.34	0.0	-6250.84	-3784.04	-773.60	-3821.59	2.420e+04	-3.872e+05
		-1.108e+06	-1.215e+05	0.11	0.0	182.0	-6333.64	-3889.38	-773.60	-3821.59	-1.215e+05	-1.108e+06
158	61	-3.248e+05	9.816e+04	0.25	-105.34	0.0	-5944.41	-4361.03	628.68	4684.11	-2.121e+04	-3.248e+05
		-1.106e+06	-2.121e+04	-0.10	0.0	182.0	-6027.21	-4466.37	628.68	4684.11	9.816e+04	-1.106e+06
158	74	-3.560e+05	1494.81	0.22	-105.34	0.0	-6097.63	-4072.54	-72.46	431.26	1494.81	-3.560e+05
		-1.107e+06	-1.170e+04	5.76e-03	0.0	182.0	-6180.43	-4177.88	-72.46	431.26	-1.170e+04	-1.107e+06
158	75	-3.560e+05	1494.81	0.22	-105.34	0.0	-6097.63	-4072.54	-72.46	431.26	1494.81	-3.560e+05
		-1.107e+06	-1.170e+04	5.76e-03	0.0	182.0	-6180.43	-4177.88	-72.46	431.26	-1.170e+04	-1.107e+06
158	76	-3.560e+05	1494.81	0.22	-105.34	0.0	-6097.63	-4072.54	-72.46	431.26	1494.81	-3.560e+05
		-1.107e+06	-1.170e+04	5.76e-03	0.0	182.0	-6180.43	-4177.88	-72.46	431.26	-1.170e+04	-1.107e+06
159	2	5.212e+05	1452.62	0.19	-105.34	0.0	-3217.40	-2142.13	-39.40	-72.81	1452.62	5.212e+05
		1.990e+05	-4329.64	0.01	0.0	146.8	-3241.32	-2247.47	-39.40	-72.81	-4329.64	1.990e+05
159	3	9.564e+05	2009.47	0.35	-136.94	0.0	-4973.05	-3911.55	-59.17	-95.30	2009.47	9.564e+05
		3.722e+05	-6674.71	0.01	0.0	146.8	-5004.14	-4048.49	-59.17	-95.30	-6674.71	3.722e+05
159	6	5.511e+05	1390.53	0.20	-105.34	0.0	-2843.58	-2225.66	-37.03	-61.79	1390.53	5.511e+05
		2.167e+05	-4043.67	8.90e-03	0.0	146.8	-2867.50	-2331.00	-37.03	-61.79	-4043.67	2.167e+05
159	7	5.298e+05	1439.53	0.19	-105.34	0.0	-3109.11	-2166.39	-38.78	-69.81	1439.53	5.298e+05
		2.041e+05	-4251.66	0.01	0.0	146.8	-3133.03	-2271.73	-38.78	-69.81	-4251.66	2.041e+05
159	8	7.118e+05	1520.99	0.26	-105.34	0.0	-3685.81	-2906.36	-44.29	-71.42	1520.99	7.118e+05
		2.775e+05	-4979.71	0.01	0.0	146.8	-3709.73	-3011.70	-44.29	-71.42	-4979.71	2.775e+05
159	9	5.498e+05	1398.14	0.20	-105.34	0.0	-2859.90	-2222.08	-37.20	-62.46	1398.14	5.498e+05
		2.159e+05	-4061.02	9.04e-03	0.0	146.8	-2883.82	-2327.42	-37.20	-62.46	-4061.02	2.159e+05
159	22	4.629e+05	1.021e+04	0.21	-105.34	0.0	-3477.15	-2641.76	-70.78	222.33	1.021e+04	4.629e+05
		6.569e+04	1972.62	0.07	0.0	146.8	-3501.07	-2747.10	-70.78	222.33	1972.62	6.569e+04
159	23	4.455e+05	1.200e+04	0.21	-105.34	0.0	-3401.90	-2699.70	200.57	53.73	-2.152e+04	4.455e+05
		5.163e+04	-2.152e+04	-0.03	0.0	146.8	-3425.82	-2805.04	200.57	53.73	1.200e+04	5.163e+04
159	24	6.540e+05	2.432e+04	0.19	-105.34	0.0	-2317.90	-1744.46	-274.96	-178.66	2.432e+04	6.540e+05
		3.802e+05	-2.013e+04	0.05	0.0	146.8	-2341.82	-1849.80	-274.96	-178.66	-2.013e+04	3.802e+05
159	25	6.367e+05	-7412.94	0.19	-105.34	0.0	-2242.64	-1802.40	-3.61	-347.26	-7412.94	6.367e+05
		3.661e+05	-1.009e+04	-0.05	0.0	146.8	-2266.56	-1907.74	-3.61	-347.26	-1.009e+04	3.661e+05
159	26	4.999e+05	6.100e+04	0.20	-105.34	0.0	-3116.09	-2242.04	-482.78	334.62	6.100e+04	4.999e+05
		1.873e+05	8978.59	0.17	0.0	146.8	-3140.01	-2347.38	-482.78	334.62	8978.59	1.873e+05
159	29	5.996e+05	-1.710e+04	0.21	-105.34	0.0	-2603.71	-2202.13	408.39	-459.55	-5.820e+04	5.996e+05
		2.445e+05	-5.820e+04	-0.15	0.0	146.8	-2627.63	-2307.47	408.39	-459.55	-1.710e+04	2.445e+05
159	54	4.629e+05	1.021e+04	0.21	-105.34	0.0	-3477.15	-2641.76	-70.78	222.33	1.021e+04	4.629e+05
		6.569e+04	1972.62	0.07	0.0	146.8	-3501.07	-2747.10	-70.78	222.33	1972.62	6.569e+04
159	55	4.455e+05	1.200e+04	0.21	-105.34	0.0	-3401.90	-2699.70	200.57	53.73	-2.152e+04	4.455e+05
		5.163e+04	-2.152e+04	-0.03	0.0	146.8	-3425.82	-2805.04	200.57	53.73	1.200e+04	5.163e+04
159	56	6.540e+05	2.432e+04	0.19	-105.34	0.0	-2317.90	-1744.46	-274.96	-178.66	2.432e+04	6.540e+05
		3.802e+05	-2.013e+04	0.05	0.0	146.8	-2341.82	-1849.80	-274.96	-178.66	-2.013e+04	3.802e+05
159	57	6.367e+05	-7412.94	0.19	-105.34	0.0	-2242.64	-1802.40	-3.61	-347.26	-7412.94	6.367e+05
		3.661e+05	-1.009e+04	-0.05	0.0	146.8	-2266.56	-1907.74	-3.61	-347.26	-1.009e+04	3.661e+05
159	58	4.999e+05	6.100e+04	0.20	-105.34	0.0	-3116.09	-2242.04	-482.78	334.62	6.100e+04	4.999e+05
		1.873e+05	8978.59	0.17	0.0	146.8	-3140.01	-2347.38	-482.78	334.62	8978.59	1.873e+05
159	61	5.996e+05	-1.710e+04	0.21	-105.34	0.0	-2603.71	-2202.13	408.39	-459.55	-5.820e+04	5.996e+05
		2.445e+05	-5.820e+04	-0.15	0.0	146.8	-2627.63	-2307.47	408.39	-459.55	-1.710e+04	2.445e+05
159	74	5.498e+05	1398.14	0.20	-105.34	0.0	-2859.90	-2222.08	-37.20	-62.46	1398.14	5.498e+05
		2.159e+05	-4061.02	9.04e-03	0.0	146.8	-2883.82	-2327.42	-37.20	-62.46	-4061.02	2.159e+05
159	75	5.498e+05	1398.14	0.20	-105.34	0.0	-2859.90	-2222.08	-37.20	-62.46	1398.14	5.498e+05
		2.159e+05	-4061.02	9.04e-03	0.0	146.8	-2883.82	-2327.42	-37.20	-62.46	-4061.02	2.159e+05
159	76	5.498e+05	1398.14	0.20	-105.34	0.0	-2859.90	-2222.08	-37.20	-62.46	1398.14	5.498e+05
		2.159e+05	-4061.02	9.04e-03	0.0	146.8	-2883.82	-2327.42	-37.20	-62.46	-4061.02	2.159e+05
160	2	-3.847e+05	4686.64	-0.17	-105.34	0.0	-6727.85	3841.02	-13.94	814.64	4686.64	-1.074e+06
		-1.074e+06	2149.02	3.59e-03	0.0	182.0	-6645.05	3735.68	-13.94	814.64	2149.02	-3.847e+05
160	3	-6.795e+05	6944.15	-0.31	-136.94	0.0	-1.116e+04	6934.50	-20.63	1587.90	6944.15	-1.929e+06
		-1.929e+06	3188.68	5.59e-03	0.0	182.0	-1.105e+04	6797.55	-20.63	1587.90	3188.68	-6.795e+05
160	6	-3.892e+05	4495.25	-0.18	-105.34	0.0	-6464.49	4053.25	-14.55	899.06	4495.25	-1.117e+06
		-1.117e+06	1847.19	2.36e-03	0.0	182.0	-6381.69	3947.91	-14.55	899.06	1847.19	-3.892e+05
160	7	-3.860e+05	4642.88	-0.17	-105.34	0.0	-6651.79	3902.39	-14.19	838.36	4642.88	-1.087e+06
		-1.087e+06	2060.16	3.17e-03	0.0	182.0	-6568.99	3797.05	-14.19	838.36	2060.16	-3.860e+05
160	8	-5.050e+05	5218.11	-0.23	-105.34	0.0	-8295.49	5168.43	-15.67	1180.83	5218.11	-1.436e+06

		-1.436e+06	2365.82	4.05e-03	0.0	182.0	-8212.69	5063.09	-15.67	1180.83	2365.82-5.050e+05
160		9-3.889e+05	4515.29	-0.18	-105.34	0.0	-6476.22	4043.87	-14.59	894.64	4515.29-1.116e+06
		-1.116e+06	1858.94	2.35e-03	0.0	182.0	-6393.42	3938.53	-14.59	894.64	1858.94-3.889e+05
160	23	-1.813e+05	5.616e+04	-0.26	-105.34	0.0	-5198.35	4249.98	-343.51	376.08	5.616e+04-9.574e+05
		-9.574e+05	-9054.98	0.03	0.0	182.0	-5115.55	4144.64	-343.51	376.08	-9054.98-1.813e+05
160	24	-5.966e+05	1.277e+04	-0.10	-105.34	0.0	-7754.08	3837.77	314.33	1413.20	-4.713e+04-1.274e+06
		-1.274e+06	-4.713e+04	-0.03	0.0	182.0	-7671.28	3732.43	314.33	1413.20	1.277e+04-5.966e+05
160	25	-5.704e+05	1.095e+04	-0.11	-105.34	0.0	-7560.91	3892.04	-50.36	-981.76	1.095e+04-1.299e+06
		-1.299e+06	2059.85	0.04	0.0	182.0	-7478.11	3786.70	-50.36	-981.76	2059.85-5.704e+05
160	35	-3.009e+05	1.082e+05	-0.21	-105.34	0.0	-5895.45	4191.03	-669.52	-3286.25	1.082e+05-1.118e+06
		-1.118e+06	-1.834e+04	0.11	0.0	182.0	-5812.65	4085.69	-669.52	-3286.25	-1.834e+04-3.009e+05
160	36	-4.770e+05	2.205e+04	-0.15	-105.34	0.0	-7056.99	3896.72	640.34	5075.52	-9.921e+04-1.113e+06
		-1.113e+06	-9.921e+04	-0.11	0.0	182.0	-6974.19	3791.38	640.34	5075.52	2.205e+04-4.770e+05
160	55	-1.813e+05	5.616e+04	-0.26	-105.34	0.0	-5198.35	4249.98	-343.51	376.08	5.616e+04-9.574e+05
		-9.574e+05	-9054.98	0.03	0.0	182.0	-5115.55	4144.64	-343.51	376.08	-9054.98-1.813e+05
160	56	-5.966e+05	1.277e+04	-0.10	-105.34	0.0	-7754.08	3837.77	314.33	1413.20	-4.713e+04-1.274e+06
		-1.274e+06	-4.713e+04	-0.03	0.0	182.0	-7671.28	3732.43	314.33	1413.20	1.277e+04-5.966e+05
160	57	-5.704e+05	1.095e+04	-0.11	-105.34	0.0	-7560.91	3892.04	-50.36	-981.76	1.095e+04-1.299e+06
		-1.299e+06	2059.85	0.04	0.0	182.0	-7478.11	3786.70	-50.36	-981.76	2059.85-5.704e+05
160	67	-3.009e+05	1.082e+05	-0.21	-105.34	0.0	-5895.45	4191.03	-669.52	-3286.25	1.082e+05-1.118e+06
		-1.118e+06	-1.834e+04	0.11	0.0	182.0	-5812.65	4085.69	-669.52	-3286.25	-1.834e+04-3.009e+05
160	68	-4.770e+05	2.205e+04	-0.15	-105.34	0.0	-7056.99	3896.72	640.34	5075.52	-9.921e+04-1.113e+06
		-1.113e+06	-9.921e+04	-0.11	0.0	182.0	-6974.19	3791.38	640.34	5075.52	2.205e+04-4.770e+05
160	74	-3.889e+05	4515.29	-0.18	-105.34	0.0	-6476.22	4043.87	-14.59	894.64	4515.29-1.116e+06
		-1.116e+06	1858.94	2.35e-03	0.0	182.0	-6393.42	3938.53	-14.59	894.64	1858.94-3.889e+05
160	75	-3.889e+05	4515.29	-0.18	-105.34	0.0	-6476.22	4043.87	-14.59	894.64	4515.29-1.116e+06
		-1.116e+06	1858.94	2.35e-03	0.0	182.0	-6393.42	3938.53	-14.59	894.64	1858.94-3.889e+05
160	76	-3.889e+05	4515.29	-0.18	-105.34	0.0	-6476.22	4043.87	-14.59	894.64	4515.29-1.116e+06
		-1.116e+06	1858.94	2.35e-03	0.0	182.0	-6393.42	3938.53	-14.59	894.64	1858.94-3.889e+05
161	1	7.802e+05	6733.11	0.09	-136.94	0.0	-3833.80	-778.21	-59.49	38.32	6733.11 7.802e+05
		6.585e+05	-1813.91	0.01	0.0	143.7	-3845.76	-915.15	-59.49	38.32	-1813.91 6.585e+05
161	2	5.955e+05	5189.85	0.07	-105.34	0.0	-3000.08	-594.94	-46.07	33.74	5189.85 5.955e+05
		5.024e+05	-1429.40	0.01	0.0	143.7	-3009.28	-700.28	-46.07	33.74	-1429.40 5.024e+05
161	3	1.089e+06	8459.69	0.12	-136.94	0.0	-4647.30	-1109.64	-69.75	10.83	8459.69 1.089e+06
		9.194e+05	-1561.66	0.01	0.0	143.7	-4659.26	-1246.58	-69.75	10.83	-1561.66 9.194e+05
161	6	6.258e+05	5097.41	0.07	-105.34	0.0	-2665.73	-618.43	-43.37	10.97	5097.41 6.258e+05
		5.294e+05	-1133.94	8.79e-03	0.0	143.7	-2674.93	-723.77	-43.37	10.97	-1133.94 5.294e+05
161	7	6.042e+05	5165.14	0.07	-105.34	0.0	-2903.41	-601.79	-45.35	26.71	5165.14 6.042e+05
		5.102e+05	-1350.18	0.01	0.0	143.7	-2912.61	-707.13	-45.35	26.71	-1350.18 5.102e+05
161	8	8.099e+05	6316.19	0.09	-105.34	0.0	-3445.75	-822.74	-52.19	8.38	6316.19 8.099e+05
		6.842e+05	-1182.02	0.01	0.0	143.7	-3454.95	-928.08	-52.19	8.38	-1182.02 6.842e+05
161	9	6.245e+05	5103.52	0.07	-105.34	0.0	-2680.51	-617.44	-43.55	11.53	5103.52 6.245e+05
		5.282e+05	-1153.21	8.93e-03	0.0	143.7	-2689.71	-722.78	-43.55	11.53	-1153.21 5.282e+05
161	22	5.723e+05	3.369e+04	0.10	-105.34	0.0	-3073.32	-1119.90	-254.26	-277.92	3.369e+04 5.723e+05
		4.067e+05	-4494.68	0.02	0.0	143.7	-3082.52	-1225.24	-254.26	-277.92	-4494.68 4.067e+05
161	25	6.766e+05	2188.26	0.05	-105.34	0.0	-2287.70	-114.99	167.16	300.98	-2.348e+04 6.766e+05
		6.497e+05	-2.348e+04	-4.19e-03	0.0	143.7	-2296.90	-220.33	167.16	300.98	2188.26 6.497e+05
161	34	5.906e+05	6.025e+04	0.08	-105.34	0.0	-2850.81	-631.32	-327.68	190.71	6.025e+04 5.906e+05
		4.699e+05	1.540e+04	0.09	0.0	143.7	-2860.01	-736.66	-327.68	190.71	1.540e+04 4.699e+05
161	37	6.583e+05	-1.770e+04	0.06	-105.34	0.0	-2510.21	-603.56	240.58	-167.66	-5.004e+04 6.583e+05
		5.864e+05	-5.004e+04	-0.07	0.0	143.7	-2519.41	-708.90	240.58	-167.66	-1.770e+04 5.864e+05
161	54	5.723e+05	3.369e+04	0.10	-105.34	0.0	-3073.32	-1119.90	-254.26	-277.92	3.369e+04 5.723e+05
		4.067e+05	-4494.68	0.02	0.0	143.7	-3082.52	-1225.24	-254.26	-277.92	-4494.68 4.067e+05
161	57	6.766e+05	2188.26	0.05	-105.34	0.0	-2287.70	-114.99	167.16	300.98	-2.348e+04 6.766e+05
		6.497e+05	-2.348e+04	-4.19e-03	0.0	143.7	-2296.90	-220.33	167.16	300.98	2188.26 6.497e+05
161	66	5.906e+05	6.025e+04	0.08	-105.34	0.0	-2850.81	-631.32	-327.68	190.71	6.025e+04 5.906e+05
		4.699e+05	1.540e+04	0.09	0.0	143.7	-2860.01	-736.66	-327.68	190.71	1.540e+04 4.699e+05
161	69	6.583e+05	-1.770e+04	0.06	-105.34	0.0	-2510.21	-603.56	240.58	-167.66	-5.004e+04 6.583e+05
		5.864e+05	-5.004e+04	-0.07	0.0	143.7	-2519.41	-708.90	240.58	-167.66	-1.770e+04 5.864e+05
161	74	6.245e+05	5103.52	0.07	-105.34	0.0	-2680.51	-617.44	-43.55	11.53	5103.52 6.245e+05
		5.282e+05	-1153.21	8.93e-03	0.0	143.7	-2689.71	-722.78	-43.55	11.53	-1153.21 5.282e+05
161	75	6.245e+05	5103.52	0.07	-105.34	0.0	-2680.51	-617.44	-43.55	11.53	5103.52 6.245e+05
		5.282e+05	-1153.21	8.93e-03	0.0	143.7	-2689.71	-722.78	-43.55	11.53	-1153.21 5.282e+05
161	76	6.245e+05	5103.52	0.07	-105.34	0.0	-2680.51	-617.44	-43.55	11.53	5103.52 6.245e+05
		5.282e+05	-1153.21	8.93e-03	0.0	143.7	-2689.71	-722.78	-43.55	11.53	-1153.21 5.282e+05
162	2	4.886e+05	4439.77	-0.18	-105.34	0.0	-3516.97	2262.72	-30.02	274.71	4439.77 1.642e+05
		1.642e+05	33.32	0.01	0.0	146.8	-3493.05	2157.38	-30.02	274.71	33.32 4.886e+05
162	3	8.933e+05	6742.87	-0.33	-136.94	0.0	-5553.18	4063.91	-39.74	572.10	6742.87 3.069e+05
		3.069e+05	910.85	0.01	0.0	146.8	-5522.09	3926.97	-39.74	572.10	910.85 8.933e+05
162	6	5.140e+05	4120.06	-0.19	-105.34	0.0	-3189.70	2341.54	-25.76	331.18	4120.06 1.780e+05
		1.780e+05	339.16	8.28e-03	0.0	146.8	-3165.78	2236.20	-25.76	331.18	339.16 5.140e+05
162	7	4.959e+05	4351.92	-0.18	-105.34	0.0	-3422.36	2285.48	-28.86	290.88	4351.92 1.682e+05
		1.682e+05	116.48	9.84e-03	0.0	146.8	-3398.44	2180.14	-28.86	290.88	116.48 4.959e+05
162	8	6.647e+05	5034.61	-0.24	-105.34	0.0	-4119.69	3023.35	-29.79	426.97	5034.61 2.287e+05
		2.287e+05	662.48	9.91e-03	0.0	146.8	-4095.77	2918.01	-29.79	426.97	662.48 6.647e+05
162	9	5.129e+05	4138.78	-0.19	-105.34	0.0	-3204.18	2338.03	-26.02	328.52	4138.78 1.775e+05
		1.775e+05	320.37	8.40e-03	0.0	146.8	-3180.26	2232.69	-26.02	328.52	320.37 5.129e+05

162	19	5.805e+05	2.079e+04	-0.19	-105.34	0.0	-2724.54	1807.39	-241.11	758.26	2.079e+04	3.226e+05
		3.226e+05	-2.606e+04	0.06	0.0	146.8	-2700.62	1702.05	-241.11	758.26	-2.606e+04	5.805e+05
162	23	5.797e+05	1.126e+04	-0.19	-105.34	0.0	-2719.54	1821.36	-235.65	800.94	1.126e+04	3.243e+05
		3.243e+05	-2.825e+04	0.06	0.0	146.8	-2695.62	1716.02	-235.65	800.94	-2.825e+04	5.797e+05
162	24	4.460e+05	2.889e+04	-0.18	-105.34	0.0	-3688.82	2854.70	183.61	-143.90	-2978.70	3.062e+04
		3.062e+04	-2978.70	-0.04	0.0	146.8	-3664.90	2749.36	183.61	-143.90	2.889e+04	4.460e+05
162	39	5.463e+05	-1686.21	-0.19	-105.34	0.0	-2943.90	2326.75	-446.37	970.83	-1686.21	2.467e+05
		2.467e+05	-5.958e+04	0.16	0.0	146.8	-2919.98	2221.41	-446.37	970.83	-5.958e+04	5.463e+05
162	40	4.795e+05	6.022e+04	-0.18	-105.34	0.0	-3464.46	2349.32	394.33	-313.79	9963.78	1.082e+05
		1.082e+05	9963.78	-0.14	0.0	146.8	-3440.54	2243.98	394.33	-313.79	6.022e+04	4.795e+05
162	51	5.805e+05	2.079e+04	-0.19	-105.34	0.0	-2724.54	1807.39	-241.11	758.26	2.079e+04	3.226e+05
		3.226e+05	-2.606e+04	0.06	0.0	146.8	-2700.62	1702.05	-241.11	758.26	-2.606e+04	5.805e+05
162	55	5.797e+05	1.126e+04	-0.19	-105.34	0.0	-2719.54	1821.36	-235.65	800.94	1.126e+04	3.243e+05
		3.243e+05	-2.825e+04	0.06	0.0	146.8	-2695.62	1716.02	-235.65	800.94	-2.825e+04	5.797e+05
162	56	4.460e+05	2.889e+04	-0.18	-105.34	0.0	-3688.82	2854.70	183.61	-143.90	-2978.70	3.062e+04
		3.062e+04	-2978.70	-0.04	0.0	146.8	-3664.90	2749.36	183.61	-143.90	2.889e+04	4.460e+05
162	71	5.463e+05	-1686.21	-0.19	-105.34	0.0	-2943.90	2326.75	-446.37	970.83	-1686.21	2.467e+05
		2.467e+05	-5.958e+04	0.16	0.0	146.8	-2919.98	2221.41	-446.37	970.83	-5.958e+04	5.463e+05
162	72	4.795e+05	6.022e+04	-0.18	-105.34	0.0	-3464.46	2349.32	394.33	-313.79	9963.78	1.082e+05
		1.082e+05	9963.78	-0.14	0.0	146.8	-3440.54	2243.98	394.33	-313.79	6.022e+04	4.795e+05
162	74	5.129e+05	4138.78	-0.19	-105.34	0.0	-3204.18	2338.03	-26.02	328.52	4138.78	1.775e+05
		1.775e+05	320.37	8.40e-03	0.0	146.8	-3180.26	2232.69	-26.02	328.52	320.37	5.129e+05
162	75	5.129e+05	4138.78	-0.19	-105.34	0.0	-3204.18	2338.03	-26.02	328.52	4138.78	1.775e+05
		1.775e+05	320.37	8.40e-03	0.0	146.8	-3180.26	2232.69	-26.02	328.52	320.37	5.129e+05
162	76	5.129e+05	4138.78	-0.19	-105.34	0.0	-3204.18	2338.03	-26.02	328.52	4138.78	1.775e+05
		1.775e+05	320.37	8.40e-03	0.0	146.8	-3180.26	2232.69	-26.02	328.52	320.37	5.129e+05
163	1	2.539e+05	7520.01	0.33	-136.94	0.0	-5650.75	-4501.20	-65.46	-940.01	7520.01	2.539e+05
		-4.427e+05	-2460.00	0.01	0.0	152.5	-5700.99	-4638.15	-65.46	-940.01	-2460.00	-4.427e+05
163	3	3.606e+05	9792.01	0.46	-136.94	0.0	-7113.14	-6209.50	-79.11	-1373.21	9792.01	3.606e+05
		-5.965e+05	-2267.66	0.02	0.0	152.5	-7163.37	-6346.44	-79.11	-1373.21	-2267.66	-5.965e+05
163	6	2.097e+05	5778.05	0.27	-105.34	0.0	-4079.12	-3554.56	-48.24	-791.08	5778.05	2.097e+05
		-3.402e+05	-1576.82	9.99e-03	0.0	152.5	-4117.76	-3659.90	-48.24	-791.08	-1576.82	-3.402e+05
163	7	1.976e+05	5784.50	0.26	-105.34	0.0	-4303.59	-3477.26	-49.97	-733.84	5784.50	1.976e+05
		-3.405e+05	-1834.07	0.01	0.0	152.5	-4342.23	-3582.60	-49.97	-733.84	-1834.07	-3.405e+05
163	8	2.688e+05	7299.17	0.34	-105.34	0.0	-5278.52	-4616.12	-59.07	-1022.64	7299.17	2.688e+05
		-4.430e+05	-1705.84	0.01	0.0	152.5	-5317.16	-4721.46	-59.07	-1022.64	-1705.84	-4.430e+05
163	9	2.090e+05	5776.63	0.27	-105.34	0.0	-4093.11	-3549.85	-48.43	-787.91	5776.63	2.090e+05
		-3.402e+05	-1607.13	0.01	0.0	152.5	-4131.75	-3655.19	-48.43	-787.91	-1607.13	-3.402e+05
163	22	6.314e+04	2.618e+04	0.23	-105.34	0.0	-5189.24	-3754.91	-310.85	-1374.35	2.618e+04	6.314e+04
		-4.970e+05	-2.663e+04	0.07	0.0	152.5	-5227.88	-3860.25	-310.85	-1374.35	-2.663e+04	-4.970e+05
163	23	4.179e+04	2650.92	0.23	-105.34	0.0	-5048.41	-3822.64	15.16	-1010.82	2650.92	4.179e+04
		-5.139e+05	691.04	-0.03	0.0	152.5	-5087.05	-3927.98	15.16	-1010.82	691.04	-5.139e+05
163	24	3.761e+05	8902.34	0.30	-105.34	0.0	-3137.80	-3277.07	-112.03	-565.00	8902.34	3.761e+05
		-1.666e+05	-3905.30	0.05	0.0	152.5	-3176.44	-3382.41	-112.03	-565.00	-3905.30	-1.666e+05
163	25	3.548e+05	2.342e+04	0.30	-105.34	0.0	-2996.98	-3344.80	213.98	-201.47	-1.462e+04	3.548e+05
		-1.835e+05	-1.462e+04	-0.05	0.0	152.5	-3035.62	-3450.14	213.98	-201.47	2.342e+04	-1.835e+05
163	26	1.983e+05	5.782e+04	0.25	-105.34	0.0	-4494.47	-3511.57	-672.99	-1450.79	5.782e+04	1.983e+05
		-3.546e+05	-4.872e+04	0.21	0.0	152.5	-4533.11	-3616.91	-672.99	-1450.79	-4.872e+04	-3.546e+05
163	34	2.091e+05	4.789e+04	0.25	-105.34	0.0	-4551.06	-3500.02	-625.06	-1498.65	4.789e+04	2.091e+05
		-3.511e+05	-5.074e+04	0.19	0.0	152.5	-4589.70	-3605.36	-625.06	-1498.65	-5.074e+04	-3.511e+05
163	54	6.314e+04	2.618e+04	0.23	-105.34	0.0	-5189.24	-3754.91	-310.85	-1374.35	2.618e+04	6.314e+04
		-4.970e+05	-2.663e+04	0.07	0.0	152.5	-5227.88	-3860.25	-310.85	-1374.35	-2.663e+04	-4.970e+05
163	55	4.179e+04	2650.92	0.23	-105.34	0.0	-5048.41	-3822.64	15.16	-1010.82	2650.92	4.179e+04
		-5.139e+05	691.04	-0.03	0.0	152.5	-5087.05	-3927.98	15.16	-1010.82	691.04	-5.139e+05
163	56	3.761e+05	8902.34	0.30	-105.34	0.0	-3137.80	-3277.07	-112.03	-565.00	8902.34	3.761e+05
		-1.666e+05	-3905.30	0.05	0.0	152.5	-3176.44	-3382.41	-112.03	-565.00	-3905.30	-1.666e+05
163	57	3.548e+05	2.342e+04	0.30	-105.34	0.0	-2996.98	-3344.80	213.98	-201.47	-1.462e+04	3.548e+05
		-1.835e+05	-1.462e+04	-0.05	0.0	152.5	-3035.62	-3450.14	213.98	-201.47	2.342e+04	-1.835e+05
163	58	1.983e+05	5.782e+04	0.25	-105.34	0.0	-4494.47	-3511.57	-672.99	-1450.79	5.782e+04	1.983e+05
		-3.546e+05	-4.872e+04	0.21	0.0	152.5	-4533.11	-3616.91	-672.99	-1450.79	-4.872e+04	-3.546e+05
163	66	2.091e+05	4.789e+04	0.25	-105.34	0.0	-4551.06	-3500.02	-625.06	-1498.65	4.789e+04	2.091e+05
		-3.511e+05	-5.074e+04	0.19	0.0	152.5	-4589.70	-3605.36	-625.06	-1498.65	-5.074e+04	-3.511e+05
163	74	2.090e+05	5776.63	0.27	-105.34	0.0	-4093.11	-3549.85	-48.43	-787.91	5776.63	2.090e+05
		-3.402e+05	-1607.13	0.01	0.0	152.5	-4131.75	-3655.19	-48.43	-787.91	-1607.13	-3.402e+05
163	75	2.090e+05	5776.63	0.27	-105.34	0.0	-4093.11	-3549.85	-48.43	-787.91	5776.63	2.090e+05
		-3.402e+05	-1607.13	0.01	0.0	152.5	-4131.75	-3655.19	-48.43	-787.91	-1607.13	-3.402e+05
163	76	2.090e+05	5776.63	0.27	-105.34	0.0	-4093.11	-3549.85	-48.43	-787.91	5776.63	2.090e+05
		-3.402e+05	-1607.13	0.01	0.0	152.5	-4131.75	-3655.19	-48.43	-787.91	-1607.13	-3.402e+05
164	1	7.802e+05	5836.30	-0.08	-136.94	0.0	-3852.18	1043.08	-44.23	162.57	5836.30	6.402e+05
		6.402e+05	-517.54	0.01	0.0	143.7	-3840.22	906.14	-44.23	162.57	-517.54	7.802e+05
164	2	5.955e+05	4515.27	-0.06	-105.34	0.0	-3014.18	797.22	-34.50	122.61	4515.27	4.885e+05
		4.885e+05	-440.88	0.01	0.0	143.7	-3004.98	691.88	-34.50	122.61	-440.88	5.955e+05
164	3	1.089e+06	7071.49	-0.11	-136.94	0.0	-4667.51	1429.04	-47.84	238.82	7071.49	8.932e+05
		8.932e+05	198.04	0.02	0.0	143.7	-4655.55	1292.09	-47.84	238.82	198.04	1.089e+06
164	6	6.258e+05	4302.08	-0.07	-105.34	0.0	-2680.07	831.42	-30.56	141.81	4302.08	5.139e+05
		5.139e+05	-88.24	9.54e-03	0.0	143.7	-2670.87	726.08	-30.56	141.81	-88.24	6.258e+05
164	7	6.043e+05	4457.43	-0.06	-105.34	0.0	-2917.58	807.07	-33.43	127.89	4457.43	4.959e+05

		4.959e+05	-345.16	0.01	0.0	143.7	-2908.38	701.73	-33.43	127.89	-345.16	6.043e+05
164	8	8.099e+05	5280.89	-0.09	-105.34	0.0	-3461.14	1064.37	-35.84	178.72	5280.89	6.646e+05
		6.646e+05	131.90	0.01	0.0	143.7	-3451.94	959.03	-35.84	178.72	131.90	8.099e+05
164	9	6.245e+05	4315.30	-0.07	-105.34	0.0	-2694.84	829.87	-30.80	140.69	4315.30	5.128e+05
		5.128e+05	-110.06	9.67e-03	0.0	143.7	-2685.64	724.53	-30.80	140.69	-110.06	6.245e+05
164	19	5.851e+05	9803.81	0.02	-105.34	0.0	-2615.12	178.93	-217.27	644.39	9803.81	5.804e+05
		5.804e+05	-2.304e+04	0.02	0.0	143.7	-2605.92	73.59	-217.27	644.39	-2.304e+04	5.848e+05
164	20	6.641e+05	2.282e+04	-0.15	-105.34	0.0	-2774.55	1480.81	155.67	-363.02	-1173.20	4.452e+05
		4.452e+05	-1173.20	-3.04e-03	0.0	143.7	-2765.35	1375.47	155.67	-363.02	2.282e+04	6.641e+05
164	25	6.767e+05	-5186.60	-0.15	-105.34	0.0	-2746.19	1404.11	42.52	-101.27	-1.934e+04	4.548e+05
		4.548e+05	-1.934e+04	0.03	0.0	143.7	-2736.99	1298.77	42.52	-101.27	-5186.60	6.767e+05
164	27	6.323e+05	-1.839e+04	-0.05	-105.34	0.0	-2625.80	585.33	-341.49	376.31	-1.839e+04	5.460e+05
		5.460e+05	-5.148e+04	0.07	0.0	143.7	-2616.60	479.99	-341.49	376.31	-5.148e+04	6.323e+05
164	28	6.166e+05	5.126e+04	-0.08	-105.34	0.0	-2763.87	1074.40	279.88	-94.94	2.702e+04	4.796e+05
		4.796e+05	2.702e+04	-0.05	0.0	143.7	-2754.67	969.06	279.88	-94.94	5.126e+04	6.166e+05
164	51	5.851e+05	9803.81	0.02	-105.34	0.0	-2615.12	178.93	-217.27	644.39	9803.81	5.804e+05
		5.804e+05	-2.304e+04	0.02	0.0	143.7	-2605.92	73.59	-217.27	644.39	-2.304e+04	5.848e+05
164	52	6.641e+05	2.282e+04	-0.15	-105.34	0.0	-2774.55	1480.81	155.67	-363.02	-1173.20	4.452e+05
		4.452e+05	-1173.20	-3.04e-03	0.0	143.7	-2765.35	1375.47	155.67	-363.02	2.282e+04	6.641e+05
164	57	6.767e+05	-5186.60	-0.15	-105.34	0.0	-2746.19	1404.11	42.52	-101.27	-1.934e+04	4.548e+05
		4.548e+05	-1.934e+04	0.03	0.0	143.7	-2736.99	1298.77	42.52	-101.27	-5186.60	6.767e+05
164	59	6.323e+05	-1.839e+04	-0.05	-105.34	0.0	-2625.80	585.33	-341.49	376.31	-1.839e+04	5.460e+05
		5.460e+05	-5.148e+04	0.07	0.0	143.7	-2616.60	479.99	-341.49	376.31	-5.148e+04	6.323e+05
164	60	6.166e+05	5.126e+04	-0.08	-105.34	0.0	-2763.87	1074.40	279.88	-94.94	2.702e+04	4.796e+05
		4.796e+05	2.702e+04	-0.05	0.0	143.7	-2754.67	969.06	279.88	-94.94	5.126e+04	6.166e+05
164	74	6.245e+05	4315.30	-0.07	-105.34	0.0	-2694.84	829.87	-30.80	140.69	4315.30	5.128e+05
		5.128e+05	-110.06	9.67e-03	0.0	143.7	-2685.64	724.53	-30.80	140.69	-110.06	6.245e+05
164	75	6.245e+05	4315.30	-0.07	-105.34	0.0	-2694.84	829.87	-30.80	140.69	4315.30	5.128e+05
		5.128e+05	-110.06	9.67e-03	0.0	143.7	-2685.64	724.53	-30.80	140.69	-110.06	6.245e+05
164	76	6.245e+05	4315.30	-0.07	-105.34	0.0	-2694.84	829.87	-30.80	140.69	4315.30	5.128e+05
		5.128e+05	-110.06	9.67e-03	0.0	143.7	-2685.64	724.53	-30.80	140.69	-110.06	6.245e+05
165	1	2.164e+05	4377.90	-0.31	-136.94	0.0	-5726.03	4774.30	-16.68	749.25	4377.90	-5.010e+05
		-5.010e+05	1835.14	8.21e-03	0.0	152.5	-5675.80	4637.35	-16.68	749.25	1835.14	2.164e+05
165	2	1.643e+05	3455.55	-0.24	-105.34	0.0	-4452.69	3654.24	-13.56	565.40	3455.55	-3.848e+05
		-3.848e+05	1387.83	6.61e-03	0.0	152.5	-4414.05	3548.90	-13.56	565.40	1387.83	1.643e+05
165	3	3.071e+05	4224.31	-0.43	-136.94	0.0	-7194.15	6540.63	-7.63	1113.75	4224.31	-6.796e+05
		-6.796e+05	3060.43	7.52e-03	0.0	152.5	-7143.92	6403.69	-7.63	1113.75	3060.43	3.071e+05
165	6	1.781e+05	2792.64	-0.25	-105.34	0.0	-4137.29	3774.26	-7.82	638.26	2792.64	-3.892e+05
		-3.892e+05	1599.84	4.66e-03	0.0	152.5	-4098.65	3668.92	-7.82	638.26	1599.84	1.781e+05
165	7	1.683e+05	3271.34	-0.24	-105.34	0.0	-4361.54	3688.93	-11.98	586.37	3271.34	-3.860e+05
		-3.860e+05	1444.31	6.05e-03	0.0	152.5	-4322.90	3583.59	-11.98	586.37	1444.31	1.683e+05
165	8	2.288e+05	3168.95	-0.32	-105.34	0.0	-5340.29	4866.49	-5.95	829.37	3168.95	-5.051e+05
		-5.051e+05	2261.17	5.59e-03	0.0	152.5	-5301.65	4761.15	-5.95	829.37	2261.17	2.288e+05
165	9	1.775e+05	2829.40	-0.25	-105.34	0.0	-4151.27	3768.94	-8.16	634.94	2829.40	-3.890e+05
		-3.890e+05	1585.65	4.75e-03	0.0	152.5	-4112.63	3663.60	-8.16	634.94	1585.65	1.775e+05
165	23	3.244e+05	2.486e+04	-0.26	-105.34	0.0	-3260.83	3419.78	-301.92	721.91	2.486e+04	-1.814e+05
		-1.814e+05	-2.355e+04	0.07	0.0	152.5	-3222.19	3314.44	-301.92	721.91	-2.355e+04	3.244e+05
165	24	3.070e+04	2.672e+04	-0.24	-105.34	0.0	-5041.70	4118.10	285.60	547.98	-1.920e+04	-5.966e+05
		-5.966e+05	-1.920e+04	-0.06	0.0	152.5	-5003.06	4012.76	285.60	547.98	2.672e+04	3.070e+04
165	39	2.468e+05	4.763e+04	-0.26	-105.34	0.0	-3680.36	3785.18	-616.75	269.24	4.763e+04	-2.870e+05
		-2.870e+05	-4.824e+04	0.20	0.0	152.5	-3641.72	3679.84	-616.75	269.24	-4.824e+04	2.468e+05
165	40	1.083e+05	5.141e+04	-0.24	-105.34	0.0	-4622.17	3752.71	600.43	1000.65	-4.198e+04	-4.910e+05
		-4.910e+05	-4.198e+04	-0.19	0.0	152.5	-4583.53	3647.37	600.43	1000.65	5.141e+04	1.083e+05
165	55	3.244e+05	2.486e+04	-0.26	-105.34	0.0	-3260.83	3419.78	-301.92	721.91	2.486e+04	-1.814e+05
		-1.814e+05	-2.355e+04	0.07	0.0	152.5	-3222.19	3314.44	-301.92	721.91	-2.355e+04	3.244e+05
165	56	3.070e+04	2.672e+04	-0.24	-105.34	0.0	-5041.70	4118.10	285.60	547.98	-1.920e+04	-5.966e+05
		-5.966e+05	-1.920e+04	-0.06	0.0	152.5	-5003.06	4012.76	285.60	547.98	2.672e+04	3.070e+04
165	71	2.468e+05	4.763e+04	-0.26	-105.34	0.0	-3680.36	3785.18	-616.75	269.24	4.763e+04	-2.870e+05
		-2.870e+05	-4.824e+04	0.20	0.0	152.5	-3641.72	3679.84	-616.75	269.24	-4.824e+04	2.468e+05
165	72	1.083e+05	5.141e+04	-0.24	-105.34	0.0	-4622.17	3752.71	600.43	1000.65	-4.198e+04	-4.910e+05
		-4.910e+05	-4.198e+04	-0.19	0.0	152.5	-4583.53	3647.37	600.43	1000.65	5.141e+04	1.083e+05
165	74	1.775e+05	2829.40	-0.25	-105.34	0.0	-4151.27	3768.94	-8.16	634.94	2829.40	-3.890e+05
		-3.890e+05	1585.65	4.75e-03	0.0	152.5	-4112.63	3663.60	-8.16	634.94	1585.65	1.775e+05
165	75	1.775e+05	2829.40	-0.25	-105.34	0.0	-4151.27	3768.94	-8.16	634.94	2829.40	-3.890e+05
		-3.890e+05	1585.65	4.75e-03	0.0	152.5	-4112.63	3663.60	-8.16	634.94	1585.65	1.775e+05
165	76	1.775e+05	2829.40	-0.25	-105.34	0.0	-4151.27	3768.94	-8.16	634.94	2829.40	-3.890e+05
		-3.890e+05	1585.65	4.75e-03	0.0	152.5	-4112.63	3663.60	-8.16	634.94	1585.65	1.775e+05
166	3	-5.963e+05	1.474e+04	0.37	-136.94	0.0	-1.097e+04	-6612.20	-295.02	-2857.48	1.474e+04	-5.963e+05
		-1.812e+06	-3.897e+04	7.64e-03	0.0	182.0	-1.108e+04	-6749.14	-295.02	-2857.48	-3.897e+04	-1.812e+06
166	6	-3.401e+05	8589.51	0.21	-105.34	0.0	-6333.05	-3839.23	-174.63	-1680.03	8589.51	-3.401e+05
		-1.049e+06	-2.320e+04	4.94e-03	0.0	182.0	-6415.85	-3944.57	-174.63	-1680.03	-2.320e+04	-1.049e+06
166	8	-4.429e+05	1.099e+04	0.27	-105.34	0.0	-8153.45	-4924.71	-220.13	-2130.44	1.099e+04	-4.429e+05
		-1.349e+06	-2.909e+04	5.73e-03	0.0	182.0	-8236.25	-5030.05	-220.13	-2130.44	-2.909e+04	-1.349e+06
166	9	-3.402e+05	8559.61	0.21	-105.34	0.0	-6344.88	-3830.45	-174.31	-1677.31	8559.61	-3.402e+05
		-1.047e+06	-2.317e+04	4.98e-03	0.0	182.0	-6427.68	-3935.79	-174.31	-1677.31	-2.317e+04	-1.047e+06
166	22	-4.970e+05	2.330e+04	0.12	-105.34	0.0	-7643.20	-3145.33	-529.91	-3673.49	2.330e+04	-4.970e+05
		-1.142e+06	-7.757e+04	0.03	0.0	182.0	-7726.00	-3250.67	-529.91	-3673.49	-7.757e+04	-1.142e+06

166	23	-5.138e+05	1.289e+04	0.12	-105.34	0.0	-7488.94	-3284.97	-195.39	-1330.91	1.289e+04	-5.138e+05
		-1.161e+06	-2.293e+04	-0.03	0.0	182.0	-7571.74	-3390.31	-195.39	-1330.91	-2.293e+04	-1.161e+06
166	24	-1.665e+05	4227.20	0.30	-105.34	0.0	-5200.81	-4375.93	-153.23	-2023.72	4227.20	-1.665e+05
		-9.336e+05	-2.342e+04	0.03	0.0	182.0	-5283.61	-4481.27	-153.23	-2023.72	-2.342e+04	-9.336e+05
166	25	-1.834e+05	3.123e+04	0.31	-105.34	0.0	-5046.55	-4515.56	181.28	318.87	-6183.89	-1.834e+05
		-9.521e+05	-6183.89	-0.02	0.0	182.0	-5129.35	-4620.90	181.28	318.87	3.123e+04	-9.521e+05
166	26	-3.545e+05	3.137e+04	0.19	-105.34	0.0	-6833.62	-3546.16	-889.93	-5992.63	3.137e+04	-3.545e+05
		-1.046e+06	-1.357e+05	0.11	0.0	182.0	-6916.42	-3651.50	-889.93	-5992.63	-1.357e+05	-1.046e+06
166	29	-3.258e+05	8.935e+04	0.24	-105.34	0.0	-5856.13	-4114.74	541.30	2638.01	-1.425e+04	-3.258e+05
		-1.048e+06	-1.425e+04	-0.10	0.0	182.0	-5938.93	-4220.08	541.30	2638.01	8.935e+04	-1.048e+06
166	54	-4.970e+05	2.330e+04	0.12	-105.34	0.0	-7643.20	-3145.33	-529.91	-3673.49	2.330e+04	-4.970e+05
		-1.142e+06	-7.757e+04	0.03	0.0	182.0	-7726.00	-3250.67	-529.91	-3673.49	-7.757e+04	-1.142e+06
166	55	-5.138e+05	1.289e+04	0.12	-105.34	0.0	-7488.94	-3284.97	-195.39	-1330.91	1.289e+04	-5.138e+05
		-1.161e+06	-2.293e+04	-0.03	0.0	182.0	-7571.74	-3390.31	-195.39	-1330.91	-2.293e+04	-1.161e+06
166	56	-1.665e+05	4227.20	0.30	-105.34	0.0	-5200.81	-4375.93	-153.23	-2023.72	4227.20	-1.665e+05
		-9.336e+05	-2.342e+04	0.03	0.0	182.0	-5283.61	-4481.27	-153.23	-2023.72	-2.342e+04	-9.336e+05
166	57	-1.834e+05	3.123e+04	0.31	-105.34	0.0	-5046.55	-4515.56	181.28	318.87	-6183.89	-1.834e+05
		-9.521e+05	-6183.89	-0.02	0.0	182.0	-5129.35	-4620.90	181.28	318.87	3.123e+04	-9.521e+05
166	58	-3.545e+05	3.137e+04	0.19	-105.34	0.0	-6833.62	-3546.16	-889.93	-5992.63	3.137e+04	-3.545e+05
		-1.046e+06	-1.357e+05	0.11	0.0	182.0	-6916.42	-3651.50	-889.93	-5992.63	-1.357e+05	-1.046e+06
166	61	-3.258e+05	8.935e+04	0.24	-105.34	0.0	-5856.13	-4114.74	541.30	2638.01	-1.425e+04	-3.258e+05
		-1.048e+06	-1.425e+04	-0.10	0.0	182.0	-5938.93	-4220.08	541.30	2638.01	8.935e+04	-1.048e+06
166	74	-3.402e+05	8559.61	0.21	-105.34	0.0	-6344.88	-3830.45	-174.31	-1677.31	8559.61	-3.402e+05
		-1.047e+06	-2.317e+04	4.98e-03	0.0	182.0	-6427.68	-3935.79	-174.31	-1677.31	-2.317e+04	-1.047e+06
166	75	-3.402e+05	8559.61	0.21	-105.34	0.0	-6344.88	-3830.45	-174.31	-1677.31	8559.61	-3.402e+05
		-1.047e+06	-2.317e+04	4.98e-03	0.0	182.0	-6427.68	-3935.79	-174.31	-1677.31	-2.317e+04	-1.047e+06
166	76	-3.402e+05	8559.61	0.21	-105.34	0.0	-6344.88	-3830.45	-174.31	-1677.31	8559.61	-3.402e+05
		-1.047e+06	-2.317e+04	4.98e-03	0.0	182.0	-6427.68	-3935.79	-174.31	-1677.31	-2.317e+04	-1.047e+06
167	2	5.025e+05	5306.47	0.19	-105.34	0.0	-3481.34	-2058.00	-50.70	-160.05	5306.47	5.025e+05
		1.927e+05	-2134.02	0.01	0.0	146.8	-3505.26	-2163.34	-50.70	-160.05	-2134.02	1.927e+05
167	3	9.195e+05	8773.14	0.34	-136.94	0.0	-5503.06	-3739.98	-78.78	-390.87	8773.14	9.195e+05
		3.605e+05	-2788.70	0.01	0.0	146.8	-5534.16	-3876.92	-78.78	-390.87	-2788.70	3.605e+05
167	6	5.294e+05	5250.05	0.20	-105.34	0.0	-3153.75	-2125.95	-48.58	-219.88	5250.05	5.294e+05
		2.096e+05	-1880.38	8.83e-03	0.0	146.8	-3177.67	-2231.29	-48.58	-219.88	-1880.38	2.096e+05
167	7	5.103e+05	5290.83	0.19	-105.34	0.0	-3386.64	-2077.72	-50.13	-177.93	5290.83	5.103e+05
		1.976e+05	-2067.36	0.01	0.0	146.8	-3410.56	-2183.06	-50.13	-177.93	-2067.36	1.976e+05
167	8	6.842e+05	6547.07	0.25	-105.34	0.0	-4081.48	-2778.34	-58.92	-291.00	6547.07	6.842e+05
		2.687e+05	-2100.31	0.01	0.0	146.8	-4105.40	-2883.68	-58.92	-291.00	-2100.31	2.687e+05
167	9	5.282e+05	5253.22	0.20	-105.34	0.0	-3168.24	-2123.02	-48.73	-217.82	5253.22	5.282e+05
		2.089e+05	-1898.27	8.97e-03	0.0	146.8	-3192.16	-2228.36	-48.73	-217.82	-1898.27	2.089e+05
167	22	4.067e+05	3.058e+04	0.20	-105.34	0.0	-3938.05	-2460.29	-316.50	-472.48	3.058e+04	4.067e+05
		6.308e+04	-1.949e+04	0.07	0.0	146.8	-3961.97	-2565.63	-316.50	-472.48	-1.949e+04	6.308e+04
167	23	4.268e+05	-804.06	0.20	-105.34	0.0	-3835.60	-2504.31	-50.22	-671.32	-804.06	4.268e+05
		4.173e+04	-9815.70	-0.03	0.0	146.8	-3859.52	-2609.65	-50.22	-671.32	-9815.70	4.173e+04
167	25	6.497e+05	1.570e+04	0.19	-105.34	0.0	-2398.44	-1785.75	219.05	36.84	-2.007e+04	6.497e+05
		3.547e+05	-2.007e+04	-0.05	0.0	146.8	-2422.36	-1891.09	219.05	36.84	1.570e+04	3.547e+05
167	26	4.802e+05	6.552e+04	0.19	-105.34	0.0	-3445.05	-2129.46	-503.01	193.46	6.552e+04	4.802e+05
		1.983e+05	1.133e+04	0.17	0.0	146.8	-3468.97	-2234.80	-503.01	193.46	1.133e+04	1.983e+05
167	29	5.763e+05	-1.512e+04	0.20	-105.34	0.0	-2891.44	-2116.59	405.56	-629.09	-5.502e+04	5.763e+05
		2.195e+05	-5.502e+04	-0.15	0.0	146.8	-2915.36	-2221.93	405.56	-629.09	-1.512e+04	2.195e+05
167	54	4.067e+05	3.058e+04	0.20	-105.34	0.0	-3938.05	-2460.29	-316.50	-472.48	3.058e+04	4.067e+05
		6.308e+04	-1.949e+04	0.07	0.0	146.8	-3961.97	-2565.63	-316.50	-472.48	-1.949e+04	6.308e+04
167	55	4.268e+05	-804.06	0.20	-105.34	0.0	-3835.60	-2504.31	-50.22	-671.32	-804.06	4.268e+05
		4.173e+04	-9815.70	-0.03	0.0	146.8	-3859.52	-2609.65	-50.22	-671.32	-9815.70	4.173e+04
167	57	6.497e+05	1.570e+04	0.19	-105.34	0.0	-2398.44	-1785.75	219.05	36.84	-2.007e+04	6.497e+05
		3.547e+05	-2.007e+04	-0.05	0.0	146.8	-2422.36	-1891.09	219.05	36.84	1.570e+04	3.547e+05
167	58	4.802e+05	6.552e+04	0.19	-105.34	0.0	-3445.05	-2129.46	-503.01	193.46	6.552e+04	4.802e+05
		1.983e+05	1.133e+04	0.17	0.0	146.8	-3468.97	-2234.80	-503.01	193.46	1.133e+04	1.983e+05
167	61	5.763e+05	-1.512e+04	0.20	-105.34	0.0	-2891.44	-2116.59	405.56	-629.09	-5.502e+04	5.763e+05
		2.195e+05	-5.502e+04	-0.15	0.0	146.8	-2915.36	-2221.93	405.56	-629.09	-1.512e+04	2.195e+05
167	74	5.282e+05	5253.22	0.20	-105.34	0.0	-3168.24	-2123.02	-48.73	-217.82	5253.22	5.282e+05
		2.089e+05	-1898.27	8.97e-03	0.0	146.8	-3192.16	-2228.36	-48.73	-217.82	-1898.27	2.089e+05
167	75	5.282e+05	5253.22	0.20	-105.34	0.0	-3168.24	-2123.02	-48.73	-217.82	5253.22	5.282e+05
		2.089e+05	-1898.27	8.97e-03	0.0	146.8	-3192.16	-2228.36	-48.73	-217.82	-1898.27	2.089e+05
167	76	5.282e+05	5253.22	0.20	-105.34	0.0	-3168.24	-2123.02	-48.73	-217.82	5253.22	5.282e+05
		2.089e+05	-1898.27	8.97e-03	0.0	146.8	-3192.16	-2228.36	-48.73	-217.82	-1898.27	2.089e+05
168	2	-3.356e+05	82.78	-0.11	-105.34	0.0	-9276.82	2723.31	106.09	-453.51	-1.923e+04	-3.356e+05
		-8.218e+05	-1.923e+04	0.01	0.0	182.0	-9194.02	2617.97	106.09	-453.51	82.78	-8.218e+05
168	3	-5.923e+05	1798.89	-0.21	-136.94	0.0	-1.585e+04	4801.50	232.87	-364.01	-4.059e+04	-5.923e+05
		-1.454e+06	-4.059e+04	0.02	0.0	182.0	-1.574e+04	4664.56	232.87	-364.01	1798.89	-1.454e+06
168	4	-4.913e+05	1816.97	-0.18	-105.34	0.0	-1.309e+04	3964.89	199.99	-260.09	-3.459e+04	-4.913e+05
		-1.203e+06	-3.459e+04	0.02	0.0	182.0	-1.301e+04	3859.55	199.99	-260.09	1816.97	-1.203e+06
168	6	-3.372e+05	181.85	-0.12	-105.34	0.0	-9158.11	2820.85	117.72	-264.54	-2.125e+04	-3.372e+05
		-8.411e+05	-2.125e+04	0.01	0.0	182.0	-9075.31	2715.51	117.72	-264.54	181.85	-8.411e+05
168	7	-3.361e+05	84.23	-0.12	-105.34	0.0	-9242.22	2751.63	108.91	-401.20	-1.974e+04	-3.361e+05
		-8.274e+05	-1.974e+04	9.99e-03	0.0	182.0	-9159.42	2646.29	108.91	-401.20	84.23	-8.274e+05
168	8	-4.399e+05	1240.35	-0.16	-105.34	0.0	-1.179e+04	3579.35	171.51	-272.25	-2.998e+04	-4.399e+05

		-1.082e+06	-2.998e+04	0.01	0.0	182.0	-1.170e+04	3474.01	171.51	-272.25	1240.35	-4.399e+05
168		9-3.371e+05	150.27	-0.12	-105.34	0.0	-9163.07	2816.65	116.66	-275.22	-2.109e+04	-8.403e+05
		-8.403e+05	-2.109e+04	9.98e-03	0.0	182.0	-9080.27	2711.31	116.66	-275.22	150.27	-3.371e+05
168	19	-1.936e+05	2.771e+04	-0.18	-105.34	0.0	-8184.86	3136.42	-203.78	-1999.58	2.771e+04	-6.907e+05
		-6.907e+05	-1.281e+04	0.04	0.0	182.0	-8102.06	3031.08	-203.78	-1999.58	-1.281e+04	-1.936e+05
168	20	-4.807e+05	1.311e+04	-0.06	-105.34	0.0	-1.014e+04	2496.89	437.09	1449.14	-6.989e+04	-9.899e+05
		-9.899e+05	-6.989e+04	-0.02	0.0	182.0	-1.006e+04	2391.55	437.09	1449.14	1.311e+04	-4.807e+05
168	22	-1.704e+05	-1468.62	-0.18	-105.34	0.0	-8342.96	3084.97	149.08	311.70	-2.828e+04	-6.667e+05
		-6.667e+05	-2.828e+04	-0.03	0.0	182.0	-8260.16	2979.63	149.08	311.70	-1468.62	-1.704e+05
168	25	-5.039e+05	1769.16	-0.07	-105.34	0.0	-9983.19	2548.34	84.24	-862.15	-1.389e+04	-1.014e+06
		-1.014e+06	-1.389e+04	0.04	0.0	182.0	-9900.39	2443.00	84.24	-862.15	1769.16	-5.039e+05
168	39	-3.324e+05	8.411e+04	-0.15	-105.34	0.0	-8631.34	2998.52	-541.85	-4485.60	8.411e+04	-8.400e+05
		-8.400e+05	-1.823e+04	0.12	0.0	182.0	-8548.54	2893.18	-541.85	-4485.60	-1.823e+04	-3.324e+05
168	40	-3.418e+05	1.853e+04	-0.10	-105.34	0.0	-9694.81	2634.79	775.17	3935.16	-1.263e+05	-8.406e+05
		-8.406e+05	-1.263e+05	-0.10	0.0	182.0	-9612.01	2529.45	775.17	3935.16	1.853e+04	-3.418e+05
168	51	-1.936e+05	2.771e+04	-0.18	-105.34	0.0	-8184.86	3136.42	-203.78	-1999.58	2.771e+04	-6.907e+05
		-6.907e+05	-1.281e+04	0.04	0.0	182.0	-8102.06	3031.08	-203.78	-1999.58	-1.281e+04	-1.936e+05
168	52	-4.807e+05	1.311e+04	-0.06	-105.34	0.0	-1.014e+04	2496.89	437.09	1449.14	-6.989e+04	-9.899e+05
		-9.899e+05	-6.989e+04	-0.02	0.0	182.0	-1.006e+04	2391.55	437.09	1449.14	1.311e+04	-4.807e+05
168	54	-1.704e+05	-1468.62	-0.18	-105.34	0.0	-8342.96	3084.97	149.08	311.70	-2.828e+04	-6.667e+05
		-6.667e+05	-2.828e+04	-0.03	0.0	182.0	-8260.16	2979.63	149.08	311.70	-1468.62	-1.704e+05
168	57	-5.039e+05	1769.16	-0.07	-105.34	0.0	-9983.19	2548.34	84.24	-862.15	-1.389e+04	-1.014e+06
		-1.014e+06	-1.389e+04	0.04	0.0	182.0	-9900.39	2443.00	84.24	-862.15	1769.16	-5.039e+05
168	71	-3.324e+05	8.411e+04	-0.15	-105.34	0.0	-8631.34	2998.52	-541.85	-4485.60	8.411e+04	-8.400e+05
		-8.400e+05	-1.823e+04	0.12	0.0	182.0	-8548.54	2893.18	-541.85	-4485.60	-1.823e+04	-3.324e+05
168	72	-3.418e+05	1.853e+04	-0.10	-105.34	0.0	-9694.81	2634.79	775.17	3935.16	-1.263e+05	-8.406e+05
		-8.406e+05	-1.263e+05	-0.10	0.0	182.0	-9612.01	2529.45	775.17	3935.16	1.853e+04	-3.418e+05
168	74	-3.371e+05	150.27	-0.12	-105.34	0.0	-9163.07	2816.65	116.66	-275.22	-2.109e+04	-8.403e+05
		-8.403e+05	-2.109e+04	9.98e-03	0.0	182.0	-9080.27	2711.31	116.66	-275.22	150.27	-3.371e+05
168	75	-3.371e+05	150.27	-0.12	-105.34	0.0	-9163.07	2816.65	116.66	-275.22	-2.109e+04	-8.403e+05
		-8.403e+05	-2.109e+04	9.98e-03	0.0	182.0	-9080.27	2711.31	116.66	-275.22	150.27	-3.371e+05
168	76	-3.371e+05	150.27	-0.12	-105.34	0.0	-9163.07	2816.65	116.66	-275.22	-2.109e+04	-8.403e+05
		-8.403e+05	-2.109e+04	9.98e-03	0.0	182.0	-9080.27	2711.31	116.66	-275.22	150.27	-3.371e+05
169	1	6.367e+05	2494.02	0.09	-136.94	0.0	-7555.91	-670.45	-28.51	-636.48	2494.02	6.367e+05
		5.305e+05	-1601.69	0.01	0.0	143.7	-7567.87	-807.39	-28.51	-636.48	-1601.69	5.305e+05
169	2	4.874e+05	1961.63	0.07	-105.34	0.0	-5835.28	-514.35	-22.69	-483.71	1961.63	4.874e+05
		4.060e+05	-1298.84	9.81e-03	0.0	143.7	-5844.48	-619.69	-22.69	-483.71	-1298.84	4.060e+05
169	3	8.781e+05	2457.44	0.12	-136.94	0.0	-9902.82	-939.57	-22.69	-909.73	2457.44	8.781e+05
		7.333e+05	-802.81	0.01	0.0	143.7	-9914.78	-1076.52	-22.69	-909.73	-802.81	7.333e+05
169	6	5.029e+05	1645.40	0.07	-105.34	0.0	-5689.00	-521.58	-16.57	-526.24	1645.40	5.029e+05
		4.204e+05	-734.65	7.92e-03	0.0	143.7	-5698.20	-626.92	-16.57	-526.24	-734.65	4.204e+05
169	7	4.919e+05	1873.07	0.07	-105.34	0.0	-5792.57	-516.60	-21.02	-495.67	1873.07	4.919e+05
		4.101e+05	-1146.63	9.32e-03	0.0	143.7	-5801.77	-621.94	-21.02	-495.67	-1146.63	4.101e+05
169	8	6.529e+05	1848.69	0.09	-105.34	0.0	-7357.18	-696.01	-17.14	-677.84	1848.69	6.529e+05
		5.453e+05	-614.04	8.99e-03	0.0	143.7	-7366.38	-801.35	-17.14	-677.84	-614.04	5.453e+05
169	9	5.022e+05	1662.26	0.07	-105.34	0.0	-5695.05	-521.42	-16.93	-524.03	1662.26	5.022e+05
		4.197e+05	-770.50	8.06e-03	0.0	143.7	-5704.25	-626.76	-16.93	-524.03	-770.50	4.197e+05
169	22	4.404e+05	3.103e+04	0.09	-105.34	0.0	-6218.54	-913.01	-238.19	-810.17	3.103e+04	4.404e+05
		3.071e+05	-4252.45	0.02	0.0	143.7	-6227.74	-1018.35	-238.19	-810.17	-4252.45	3.071e+05
169	25	5.640e+05	2711.44	0.05	-105.34	0.0	-5171.56	-129.82	204.33	-237.89	-2.770e+04	5.640e+05
		5.323e+05	-2.770e+04	-5.07e-03	0.0	143.7	-5180.76	-235.16	204.33	-237.89	2711.44	5.323e+05
169	38	4.610e+05	5.670e+04	0.08	-105.34	0.0	-5991.39	-543.87	-291.87	-275.34	5.670e+04	4.610e+05
		3.544e+05	-1.743e+04	0.09	0.0	143.7	-6000.59	-649.21	-291.87	-275.34	-1.743e+04	3.544e+05
169	41	5.434e+05	-1.897e+04	0.06	-105.34	0.0	-5398.71	-498.97	258.00	-772.71	-5.337e+04	5.434e+05
		4.850e+05	-5.337e+04	-0.07	0.0	143.7	-5407.91	-604.31	258.00	-772.71	-1.897e+04	4.850e+05
169	54	4.404e+05	3.103e+04	0.09	-105.34	0.0	-6218.54	-913.01	-238.19	-810.17	3.103e+04	4.404e+05
		3.071e+05	-4252.45	0.02	0.0	143.7	-6227.74	-1018.35	-238.19	-810.17	-4252.45	3.071e+05
169	57	5.640e+05	2711.44	0.05	-105.34	0.0	-5171.56	-129.82	204.33	-237.89	-2.770e+04	5.640e+05
		5.323e+05	-2.770e+04	-5.07e-03	0.0	143.7	-5180.76	-235.16	204.33	-237.89	2711.44	5.323e+05
169	70	4.610e+05	5.670e+04	0.08	-105.34	0.0	-5991.39	-543.87	-291.87	-275.34	5.670e+04	4.610e+05
		3.544e+05	-1.743e+04	0.09	0.0	143.7	-6000.59	-649.21	-291.87	-275.34	-1.743e+04	3.544e+05
169	73	5.434e+05	-1.897e+04	0.06	-105.34	0.0	-5398.71	-498.97	258.00	-772.71	-5.337e+04	5.434e+05
		4.850e+05	-5.337e+04	-0.07	0.0	143.7	-5407.91	-604.31	258.00	-772.71	-1.897e+04	4.850e+05
169	74	5.022e+05	1662.26	0.07	-105.34	0.0	-5695.05	-521.42	-16.93	-524.03	1662.26	5.022e+05
		4.197e+05	-770.50	8.06e-03	0.0	143.7	-5704.25	-626.76	-16.93	-524.03	-770.50	4.197e+05
169	75	5.022e+05	1662.26	0.07	-105.34	0.0	-5695.05	-521.42	-16.93	-524.03	1662.26	5.022e+05
		4.197e+05	-770.50	8.06e-03	0.0	143.7	-5704.25	-626.76	-16.93	-524.03	-770.50	4.197e+05
169	76	5.022e+05	1662.26	0.07	-105.34	0.0	-5695.05	-521.42	-16.93	-524.03	1662.26	5.022e+05
		4.197e+05	-770.50	8.06e-03	0.0	143.7	-5704.25	-626.76	-16.93	-524.03	-770.50	4.197e+05
170	2	4.097e+05	2371.11	-0.14	-105.34	0.0	-6297.20	1897.19	11.35	1582.72	705.82	1.390e+05
		1.390e+05	705.82	0.01	0.0	146.8	-6273.28	1791.85	11.35	1582.72	2371.11	4.097e+05
170	3	7.360e+05	5685.95	-0.25	-136.94	0.0	-1.071e+04	3374.25	40.64	2811.90	-278.37	2.508e+05
		2.508e+05	-278.37	0.01	0.0	146.8	-1.068e+04	3237.31	40.64	2811.90	5685.95	7.360e+05
170	4	6.106e+05	4883.06	-0.21	-105.34	0.0	-8846.82	2797.51	35.90	2318.87	-385.27	2.078e+05
		2.078e+05	-385.27	0.01	0.0	146.8	-8822.90	2692.17	35.90	2318.87	4883.06	6.106e+05
170	6	4.225e+05	2980.22	-0.14	-105.34	0.0	-6152.12	1935.93	19.61	1670.09	102.46	1.461e+05
		1.461e+05	102.46	8.30e-03	0.0	146.8	-6128.20	1830.59	19.61	1670.09	2980.22	4.225e+05

170	7	4.134e+05	2534.51	-0.14	-105.34	0.0	-6254.87	1908.35	13.60	1608.36	537.81	1.410e+05
		1.410e+05	537.81	9.87e-03	0.0	146.8	-6230.95	1803.01	13.60	1608.36	2534.51	4.134e+05
170	8	5.473e+05	4209.14	-0.19	-105.34	0.0	-7954.61	2508.56	29.97	2099.13	-189.58	1.869e+05
		1.869e+05	-189.58	9.96e-03	0.0	146.8	-7930.69	2403.22	29.97	2099.13	4209.14	5.473e+05
170	9	4.219e+05	2940.58	-0.14	-105.34	0.0	-6158.15	1934.18	19.11	1666.61	135.57	1.458e+05
		1.458e+05	135.57	8.42e-03	0.0	146.8	-6134.23	1828.84	19.11	1666.61	2940.58	4.219e+05
170	11	4.742e+05	1.823e+04	-0.09	-105.34	0.0	-5772.49	1618.41	-193.13	1382.14	1.823e+04	2.387e+05
		2.387e+05	-2.049e+04	0.05	0.0	146.8	-5748.57	1513.07	-193.13	1382.14	-2.049e+04	4.742e+05
170	12	3.696e+05	2.637e+04	-0.20	-105.34	0.0	-6543.81	2249.95	231.35	1951.08	-1.796e+04	5.280e+04
		5.280e+04	-1.796e+04	-0.03	0.0	146.8	-6519.89	2144.61	231.35	1951.08	2.637e+04	3.696e+05
170	23	4.748e+05	7516.16	-0.08	-105.34	0.0	-5835.51	1494.68	-187.01	1313.35	7516.16	2.572e+05
		2.572e+05	-2.488e+04	0.06	0.0	146.8	-5811.59	1389.34	-187.01	1313.35	-2.488e+04	4.748e+05
170	24	3.691e+05	3.076e+04	-0.20	-105.34	0.0	-6480.79	2373.67	225.23	2019.87	-7245.01	3.434e+04
		3.434e+04	-7245.01	-0.04	0.0	146.8	-6456.87	2268.33	225.23	2019.87	3.076e+04	3.691e+05
170	39	4.517e+05	-6180.15	-0.15	-105.34	0.0	-5960.15	1944.90	-408.92	1964.13	-6180.15	2.019e+05
		2.019e+05	-5.734e+04	0.16	0.0	146.8	-5936.23	1839.56	-408.92	1964.13	-5.734e+04	4.517e+05
170	40	3.921e+05	6.322e+04	-0.13	-105.34	0.0	-6356.15	1923.46	447.14	1369.09	6451.29	8.962e+04
		8.962e+04	6451.29	-0.14	0.0	146.8	-6332.23	1818.12	447.14	1369.09	6.322e+04	3.921e+05
170	43	4.742e+05	1.823e+04	-0.09	-105.34	0.0	-5772.49	1618.41	-193.13	1382.14	1.823e+04	2.387e+05
		2.387e+05	-2.488e+04	0.05	0.0	146.8	-5748.57	1513.07	-193.13	1382.14	-2.488e+04	4.742e+05
170	44	3.696e+05	2.637e+04	-0.20	-105.34	0.0	-6543.81	2249.95	231.35	1951.08	-1.796e+04	5.280e+04
		5.280e+04	-1.796e+04	-0.03	0.0	146.8	-6519.89	2144.61	231.35	1951.08	2.637e+04	3.696e+05
170	55	4.748e+05	7516.16	-0.08	-105.34	0.0	-5835.51	1494.68	-187.01	1313.35	7516.16	2.572e+05
		2.572e+05	-2.488e+04	0.06	0.0	146.8	-5811.59	1389.34	-187.01	1313.35	-2.488e+04	4.748e+05
170	56	3.691e+05	3.076e+04	-0.20	-105.34	0.0	-6480.79	2373.67	225.23	2019.87	-7245.01	3.434e+04
		3.434e+04	-7245.01	-0.04	0.0	146.8	-6456.87	2268.33	225.23	2019.87	3.076e+04	3.691e+05
170	71	4.517e+05	-6180.15	-0.15	-105.34	0.0	-5960.15	1944.90	-408.92	1964.13	-6180.15	2.019e+05
		2.019e+05	-5.734e+04	0.16	0.0	146.8	-5936.23	1839.56	-408.92	1964.13	-5.734e+04	4.517e+05
170	72	3.921e+05	6.322e+04	-0.13	-105.34	0.0	-6356.15	1923.46	447.14	1369.09	6451.29	8.962e+04
		8.962e+04	6451.29	-0.14	0.0	146.8	-6332.23	1818.12	447.14	1369.09	6.322e+04	3.921e+05
170	74	4.219e+05	2940.58	-0.14	-105.34	0.0	-6158.15	1934.18	19.11	1666.61	135.57	1.458e+05
		1.458e+05	135.57	8.42e-03	0.0	146.8	-6134.23	1828.84	19.11	1666.61	2940.58	4.219e+05
170	75	4.219e+05	2940.58	-0.14	-105.34	0.0	-6158.15	1934.18	19.11	1666.61	135.57	1.458e+05
		1.458e+05	135.57	8.42e-03	0.0	146.8	-6134.23	1828.84	19.11	1666.61	2940.58	4.219e+05
170	76	4.219e+05	2940.58	-0.14	-105.34	0.0	-6158.15	1934.18	19.11	1666.61	135.57	1.458e+05
		1.458e+05	135.57	8.42e-03	0.0	146.8	-6134.23	1828.84	19.11	1666.61	2940.58	4.219e+05
171	3	2.468e+05	1.056e+04	0.38	-136.94	0.0	-1.240e+04	-5475.33	-176.59	-1971.65	1.056e+04	2.468e+05
		-5.984e+05	-1.636e+04	0.02	0.0	152.5	-1.245e+04	-5612.27	-176.59	-1971.65	-1.636e+04	-5.984e+05
171	6	1.427e+05	6152.18	0.22	-105.34	0.0	-7117.49	-3128.36	-106.02	-1194.20	6152.18	1.427e+05
		-3.423e+05	-1.001e+04	0.01	0.0	152.5	-7156.13	-3233.70	-106.02	-1194.20	-1.001e+04	-3.423e+05
171	8	1.838e+05	7853.26	0.29	-105.34	0.0	-9210.20	-4068.29	-131.72	-1476.67	7853.26	1.838e+05
		-4.444e+05	-1.223e+04	0.02	0.0	152.5	-9248.84	-4173.63	-131.72	-1476.67	-1.223e+04	-4.444e+05
171	9	1.421e+05	6165.05	0.22	-105.34	0.0	-7123.05	-3126.57	-106.28	-1188.57	6165.05	1.421e+05
		-3.425e+05	-1.004e+04	0.01	0.0	152.5	-7161.69	-3231.91	-106.28	-1188.57	-1.004e+04	-3.425e+05
171	22	-752.33	2.660e+04	0.19	-105.34	0.0	-8253.30	-3274.67	-384.46	-1620.21	2.660e+04	-752.33
		-4.628e+05	-3.672e+04	0.08	0.0	152.5	-8291.94	-3380.01	-384.46	-1620.21	-3.672e+04	-4.628e+05
171	23	2.079e+04	3272.33	0.19	-105.34	0.0	-8093.13	-3345.03	-60.90	-1236.59	3272.33	2.079e+04
		-4.796e+05	-9619.23	-0.03	0.0	152.5	-8131.77	-3450.37	-60.90	-1236.59	-9619.23	-4.796e+05
171	25	2.850e+05	1.664e+04	0.26	-105.34	0.0	-5992.79	-2978.47	171.90	-756.94	-1.426e+04	2.850e+05
		-2.223e+05	-1.426e+04	-0.05	0.0	152.5	-6031.43	-3083.81	171.90	-756.94	-1.426e+04	-2.223e+05
171	26	8.127e+04	5.806e+04	0.21	-105.34	0.0	-7588.53	-3084.78	-730.06	-1786.25	5.806e+04	8.127e+04
		-3.451e+05	-5.722e+04	0.21	0.0	152.5	-7627.17	-3190.12	-730.06	-1786.25	-5.722e+04	-3.451e+05
171	38	6.660e+04	4.767e+04	0.20	-105.34	0.0	-7705.04	-3064.29	-680.47	-1899.88	4.767e+04	6.660e+04
		-3.532e+05	-5.914e+04	0.19	0.0	152.5	-7743.68	-3169.63	-680.47	-1899.88	-5.914e+04	-3.532e+05
171	54	-752.33	2.660e+04	0.19	-105.34	0.0	-8253.30	-3274.67	-384.46	-1620.21	2.660e+04	-752.33
		-4.628e+05	-3.672e+04	0.08	0.0	152.5	-8291.94	-3380.01	-384.46	-1620.21	-3.672e+04	-4.628e+05
171	55	2.079e+04	3272.33	0.19	-105.34	0.0	-8093.13	-3345.03	-60.90	-1236.59	3272.33	2.079e+04
		-4.796e+05	-9619.23	-0.03	0.0	152.5	-8131.77	-3450.37	-60.90	-1236.59	-9619.23	-4.796e+05
171	57	2.850e+05	1.664e+04	0.26	-105.34	0.0	-5992.79	-2978.47	171.90	-756.94	-1.426e+04	2.850e+05
		-2.223e+05	-1.426e+04	-0.05	0.0	152.5	-6031.43	-3083.81	171.90	-756.94	-1.426e+04	-2.223e+05
171	58	8.127e+04	5.806e+04	0.21	-105.34	0.0	-7588.53	-3084.78	-730.06	-1786.25	5.806e+04	8.127e+04
		-3.451e+05	-5.722e+04	0.21	0.0	152.5	-7627.17	-3190.12	-730.06	-1786.25	-5.722e+04	-3.451e+05
171	70	6.660e+04	4.767e+04	0.20	-105.34	0.0	-7705.04	-3064.29	-680.47	-1899.88	4.767e+04	6.660e+04
		-3.532e+05	-5.914e+04	0.19	0.0	152.5	-7743.68	-3169.63	-680.47	-1899.88	-5.914e+04	-3.532e+05
171	74	1.421e+05	6165.05	0.22	-105.34	0.0	-7123.05	-3126.57	-106.28	-1188.57	6165.05	1.421e+05
		-3.425e+05	-1.004e+04	0.01	0.0	152.5	-7161.69	-3231.91	-106.28	-1188.57	-1.004e+04	-3.425e+05
171	75	1.421e+05	6165.05	0.22	-105.34	0.0	-7123.05	-3126.57	-106.28	-1188.57	6165.05	1.421e+05
		-3.425e+05	-1.004e+04	0.01	0.0	152.5	-7161.69	-3231.91	-106.28	-1188.57	-1.004e+04	-3.425e+05
171	76	1.421e+05	6165.05	0.22	-105.34	0.0	-7123.05	-3126.57	-106.28	-1188.57	6165.05	1.421e+05
		-3.425e+05	-1.004e+04	0.01	0.0	152.5	-7161.69	-3231.91	-106.28	-1188.57	-1.004e+04	-3.425e+05
172	2	4.874e+05	742.74	-0.04	-105.34	0.0	-5827.19	594.54	-4.53	788.24	742.74	4.096e+05
		4.096e+05	91.68	0.01	0.0	143.7	-5817.99	489.20	-4.53	788.24	91.68	4.874e+05
172	3	8.781e+05	1714.94	-0.08	-136.94	0.0	-9883.63	1059.03	11.32	1370.80	89.06	7.358e+05
		7.358e+05	89.06	0.02	0.0	143.7	-9871.67	922.08	11.32	1370.80	1714.94	8.781e+05
172	4	7.289e+05	1588.84	-0.06	-105.34	0.0	-8165.59	877.17	11.45	1128.41	-56.19	6.104e+05
		6.104e+05	-56.19	0.01	0.0	143.7	-8156.39	771.83	11.45	1128.41	1588.84	7.289e+05
172	6	5.029e+05	736.34	-0.04	-105.34	0.0	-5680.05	613.26	3.12	812.96	287.81	4.223e+05

		4.223e+05	287.81	0.01	0.0	143.7	-5670.85	507.92	3.12	812.96	736.34	5.029e+05
172	7	4.919e+05	616.71	-0.04	-105.34	0.0	-5784.24	599.86	-2.45	795.83	616.71	4.133e+05
		4.133e+05	265.35	0.01	0.0	143.7	-5775.04	494.52	-2.45	795.83	265.35	4.919e+05
172	8	6.528e+05	1263.45	-0.06	-105.34	0.0	-7343.17	788.28	8.21	1022.61	84.09	5.471e+05
		5.471e+05	84.09	0.01	0.0	143.7	-7333.97	682.94	8.21	1022.61	1263.45	6.528e+05
172	9	5.022e+05	695.12	-0.04	-105.34	0.0	-5686.14	612.34	2.66	812.31	313.42	4.218e+05
		4.218e+05	313.42	0.01	0.0	143.7	-5676.94	507.00	2.66	812.31	695.12	5.022e+05
172	22	4.654e+05	2.481e+04	-0.02	-105.34	0.0	-5901.81	61.80	-75.03	163.41	2.481e+04	4.654e+05
		4.403e+05	6801.16	-0.01	0.0	143.7	-5892.61	-43.54	-75.03	163.41	6801.16	4.403e+05
172	24	5.491e+05	2.211e+04	-0.06	-105.34	0.0	-5529.66	1076.23	153.54	1242.77	-4406.33	3.689e+05
		3.689e+05	-4406.33	8.98e-03	0.0	143.7	-5520.46	970.89	153.54	1242.77	2.211e+04	5.491e+05
172	25	5.640e+05	5.214e+04	-0.07	-105.34	0.0	-5470.48	1162.87	80.35	1461.20	-2.418e+04	3.781e+05
		3.781e+05	-2.418e+04	0.03	0.0	143.7	-5461.28	1057.53	80.35	1461.20	5.214e+04	5.640e+05
172	27	5.077e+05	-2.277e+04	-0.04	-105.34	0.0	-5669.57	621.86	-313.34	1025.44	-2.277e+04	4.504e+05
		4.504e+05	-5.075e+04	0.07	0.0	143.7	-5660.37	516.52	-313.34	1025.44	-5.075e+04	5.077e+05
172	28	4.967e+05	5.214e+04	-0.04	-105.34	0.0	-5702.72	602.81	318.65	599.17	2.339e+04	3.932e+05
		3.932e+05	2.339e+04	-0.05	0.0	143.7	-5693.52	497.47	318.65	599.17	5.214e+04	4.967e+05
172	54	4.654e+05	2.481e+04	-0.02	-105.34	0.0	-5901.81	61.80	-75.03	163.41	2.481e+04	4.654e+05
		4.403e+05	6801.16	-0.01	0.0	143.7	-5892.61	-43.54	-75.03	163.41	6801.16	4.403e+05
172	56	5.491e+05	2.211e+04	-0.06	-105.34	0.0	-5529.66	1076.23	153.54	1242.77	-4406.33	3.689e+05
		3.689e+05	-4406.33	8.98e-03	0.0	143.7	-5520.46	970.89	153.54	1242.77	2.211e+04	5.491e+05
172	57	5.640e+05	-5410.91	-0.07	-105.34	0.0	-5470.48	1162.87	80.35	1461.20	-2.418e+04	3.781e+05
		3.781e+05	-2.418e+04	0.03	0.0	143.7	-5461.28	1057.53	80.35	1461.20	-5410.91	5.640e+05
172	59	5.077e+05	-2.277e+04	-0.04	-105.34	0.0	-5669.57	621.86	-313.34	1025.44	-2.277e+04	4.504e+05
		4.504e+05	-5.075e+04	0.07	0.0	143.7	-5660.37	516.52	-313.34	1025.44	-5.075e+04	5.077e+05
172	60	4.967e+05	5.214e+04	-0.04	-105.34	0.0	-5702.72	602.81	318.65	599.17	2.339e+04	3.932e+05
		3.932e+05	2.339e+04	-0.05	0.0	143.7	-5693.52	497.47	318.65	599.17	5.214e+04	4.967e+05
172	74	5.022e+05	695.12	-0.04	-105.34	0.0	-5686.14	612.34	2.66	812.31	313.42	4.218e+05
		4.218e+05	313.42	0.01	0.0	143.7	-5676.94	507.00	2.66	812.31	695.12	5.022e+05
172	75	5.022e+05	695.12	-0.04	-105.34	0.0	-5686.14	612.34	2.66	812.31	313.42	4.218e+05
		4.218e+05	313.42	0.01	0.0	143.7	-5676.94	507.00	2.66	812.31	695.12	5.022e+05
172	76	5.022e+05	695.12	-0.04	-105.34	0.0	-5686.14	612.34	2.66	812.31	313.42	4.218e+05
		4.218e+05	313.42	0.01	0.0	143.7	-5676.94	507.00	2.66	812.31	695.12	5.022e+05
173	3	2.513e+05	1.141e+04	-0.34	-136.94	0.0	-1.229e+04	5604.08	168.33	2199.23	-1.426e+04	-5.927e+05
		-5.927e+05	-1.426e+04	1.22e-03	0.0	152.5	-1.224e+04	5467.13	168.33	2199.23	1.141e+04	2.513e+05
173	6	1.463e+05	6252.37	-0.19	-105.34	0.0	-7064.51	3225.50	94.94	1327.25	-8220.85	-3.374e+05
		-3.374e+05	-8220.85	8.88e-04	0.0	152.5	-7025.87	3120.16	94.94	1327.25	6252.37	1.463e+05
173	8	1.872e+05	8458.22	-0.25	-105.34	0.0	-9131.17	4167.45	125.16	1646.53	-1.062e+04	-4.401e+05
		-4.401e+05	-1.062e+04	9.16e-04	0.0	152.5	-9092.53	4062.11	125.16	1646.53	8458.22	1.872e+05
173	9	1.460e+05	6215.46	-0.19	-105.34	0.0	-7070.38	3222.99	94.41	1320.85	-8177.70	-3.373e+05
		-3.373e+05	-8177.70	9.16e-04	0.0	152.5	-7031.74	3117.65	94.41	1320.85	6215.46	1.460e+05
173	19	2.573e+05	1.307e+04	-0.21	-105.34	0.0	-6424.87	2859.07	-169.46	852.85	1.307e+04	-1.937e+05
		-1.937e+05	-1.642e+04	0.06	0.0	152.5	-6386.23	2753.73	-169.46	852.85	-1.642e+04	2.573e+05
173	20	3.468e+04	2.885e+04	-0.18	-105.34	0.0	-7715.89	3586.91	358.29	1788.85	-2.943e+04	-4.809e+05
		-4.809e+05	-2.943e+04	-0.06	0.0	152.5	-7677.25	3481.57	358.29	1788.85	2.885e+04	3.468e+04
173	23	2.574e+05	1.332e+04	-0.21	-105.34	0.0	-6427.95	2871.33	-191.92	892.67	1.332e+04	-1.955e+05
		-1.955e+05	-1.841e+04	0.07	0.0	152.5	-6389.31	2765.99	-191.92	892.67	-1.841e+04	2.574e+05
173	25	4.959e+04	2637.66	-0.18	-105.34	0.0	-7606.38	3659.28	31.85	1446.68	-4055.08	-5.041e+05
		-5.041e+05	-4055.08	0.05	0.0	152.5	-7567.74	3553.94	31.85	1446.68	2637.66	4.959e+04
173	36	9.540e+04	5.590e+04	-0.19	-105.34	0.0	-7420.05	3169.44	703.78	1898.48	-5.371e+04	-3.306e+05
		-3.306e+05	-5.371e+04	-0.19	0.0	152.5	-7381.41	3064.10	703.78	1898.48	5.590e+04	9.540e+04
173	40	8.988e+04	5.638e+04	-0.19	-105.34	0.0	-7424.55	3200.16	709.47	1907.88	-5.349e+04	-3.420e+05
		-3.420e+05	-5.349e+04	-0.19	0.0	152.5	-7385.91	3094.82	709.47	1907.88	5.638e+04	8.988e+04
173	51	2.573e+05	1.307e+04	-0.21	-105.34	0.0	-6424.87	2859.07	-169.46	852.85	1.307e+04	-1.937e+05
		-1.937e+05	-1.642e+04	0.06	0.0	152.5	-6386.23	2753.73	-169.46	852.85	-1.642e+04	2.573e+05
173	52	3.468e+04	2.885e+04	-0.18	-105.34	0.0	-7715.89	3586.91	358.29	1788.85	-2.943e+04	-4.809e+05
		-4.809e+05	-2.943e+04	-0.06	0.0	152.5	-7677.25	3481.57	358.29	1788.85	2.885e+04	3.468e+04
173	55	2.574e+05	1.332e+04	-0.21	-105.34	0.0	-6427.95	2871.33	-191.92	892.67	1.332e+04	-1.955e+05
		-1.955e+05	-1.841e+04	0.07	0.0	152.5	-6389.31	2765.99	-191.92	892.67	-1.841e+04	2.574e+05
173	57	4.959e+04	2637.66	-0.18	-105.34	0.0	-7606.38	3659.28	31.85	1446.68	-4055.08	-5.041e+05
		-5.041e+05	-4055.08	0.05	0.0	152.5	-7567.74	3553.94	31.85	1446.68	2637.66	4.959e+04
173	68	9.540e+04	5.590e+04	-0.19	-105.34	0.0	-7420.05	3169.44	703.78	1898.48	-5.371e+04	-3.306e+05
		-3.306e+05	-5.371e+04	-0.19	0.0	152.5	-7381.41	3064.10	703.78	1898.48	5.590e+04	9.540e+04
173	72	8.988e+04	5.638e+04	-0.19	-105.34	0.0	-7424.55	3200.16	709.47	1907.88	-5.349e+04	-3.420e+05
		-3.420e+05	-5.349e+04	-0.19	0.0	152.5	-7385.91	3094.82	709.47	1907.88	5.638e+04	8.988e+04
173	74	1.460e+05	6215.46	-0.19	-105.34	0.0	-7070.38	3222.99	94.41	1320.85	-8177.70	-3.373e+05
		-3.373e+05	-8177.70	9.16e-04	0.0	152.5	-7031.74	3117.65	94.41	1320.85	6215.46	1.460e+05
173	75	1.460e+05	6215.46	-0.19	-105.34	0.0	-7070.38	3222.99	94.41	1320.85	-8177.70	-3.373e+05
		-3.373e+05	-8177.70	9.16e-04	0.0	152.5	-7031.74	3117.65	94.41	1320.85	6215.46	1.460e+05
173	76	1.460e+05	6215.46	-0.19	-105.34	0.0	-7070.38	3222.99	94.41	1320.85	-8177.70	-3.373e+05
		-3.373e+05	-8177.70	9.16e-04	0.0	152.5	-7031.74	3117.65	94.41	1320.85	6215.46	1.460e+05
174	2	-3.456e+05	-409.21	0.14	-105.34	0.0	-9320.80	-2611.80	-120.84	293.49	-409.21	-3.456e+05
		-8.306e+05	-2.241e+04	5.23e-03	0.0	182.0	-9403.60	-2717.14	-120.84	293.49	-2.241e+04	-8.306e+05
174	3	-5.981e+05	-905.08	0.26	-136.94	0.0	-1.597e+04	-4627.14	-192.63	410.13	-905.08	-5.981e+05
		-1.453e+06	-3.597e+04	8.31e-03	0.0	182.0	-1.608e+04	-4764.08	-192.63	410.13	-3.597e+04	-1.453e+06
174	6	-3.421e+05	-1024.87	0.15	-105.34	0.0	-9208.87	-2696.94	-107.05	239.91	-1024.87	-3.421e+05
		-8.426e+05	-2.051e+04	5.15e-03	0.0	182.0	-9291.67	-2802.28	-107.05	239.91	-2.051e+04	-8.426e+05

174	7	-3.447e+05	-600.94	0.15	-105.34	0.0	-9288.03	-2636.71	-116.74	277.74	-600.94	-3.447e+05
		-8.343e+05	-2.185e+04	5.26e-03	0.0	182.0	-9370.83	-2742.05	-116.74	277.74	-2.185e+04	-8.343e+05
174	8	-4.442e+05	-747.23	0.20	-105.34	0.0	-1.187e+04	-3446.20	-142.43	304.28	-747.23	-4.442e+05
		-1.081e+06	-2.668e+04	6.19e-03	0.0	182.0	-1.196e+04	-3551.54	-142.43	304.28	-2.668e+04	-1.081e+06
174	9	-3.423e+05	-1011.38	0.15	-105.34	0.0	-9213.41	-2693.47	-107.55	242.02	-1011.38	-3.423e+05
		-8.423e+05	-2.059e+04	5.20e-03	0.0	182.0	-9296.21	-2798.81	-107.55	242.02	-2.059e+04	-8.423e+05
174	22	-4.627e+05	1.221e+04	0.08	-105.34	0.0	-1.051e+04	-2025.66	-437.11	-1508.81	1.221e+04	-4.627e+05
		-8.830e+05	-7.258e+04	0.03	0.0	182.0	-1.059e+04	-2131.00	-437.11	-1508.81	-7.258e+04	-8.830e+05
174	23	-4.795e+05	2279.09	0.08	-105.34	0.0	-1.034e+04	-2167.47	-116.01	862.30	2279.09	-4.795e+05
		-9.014e+05	-1.994e+04	-0.03	0.0	182.0	-1.043e+04	-2272.81	-116.01	862.30	-1.994e+04	-9.014e+05
174	24	-2.052e+05	-4301.84	0.23	-105.34	0.0	-8083.17	-3219.47	-99.09	-378.27	-4301.84	-2.052e+05
		-7.831e+05	-2.124e+04	0.03	0.0	182.0	-8165.97	-3324.81	-99.09	-378.27	-2.124e+04	-7.831e+05
174	25	-2.220e+05	3.140e+04	0.23	-105.34	0.0	-7915.29	-3361.28	222.01	1992.85	-1.423e+04	-2.220e+05
		-8.015e+05	-1.423e+04	-0.02	0.0	182.0	-7998.09	-3466.62	222.01	1992.85	3.140e+04	-8.015e+05
174	30	-3.531e+05	2.088e+04	0.13	-105.34	0.0	-9854.72	-2327.31	-790.89	-4075.90	2.088e+04	-3.531e+05
		-8.329e+05	-1.284e+05	0.10	0.0	182.0	-9937.52	-2432.65	-790.89	-4075.90	-1.284e+05	-8.329e+05
174	33	-3.316e+05	8.725e+04	0.18	-105.34	0.0	-8572.11	-3059.63	575.79	4559.93	-2.290e+04	-3.316e+05
		-8.517e+05	-2.290e+04	-0.10	0.0	182.0	-8654.91	-3164.97	575.79	4559.93	8.725e+04	-8.517e+05
174	54	-4.627e+05	1.221e+04	0.08	-105.34	0.0	-1.051e+04	-2025.66	-437.11	-1508.81	1.221e+04	-4.627e+05
		-8.830e+05	-7.258e+04	0.03	0.0	182.0	-1.059e+04	-2131.00	-437.11	-1508.81	-7.258e+04	-8.830e+05
174	55	-4.795e+05	2279.09	0.08	-105.34	0.0	-1.034e+04	-2167.47	-116.01	862.30	2279.09	-4.795e+05
		-9.014e+05	-1.994e+04	-0.03	0.0	182.0	-1.043e+04	-2272.81	-116.01	862.30	-1.994e+04	-9.014e+05
174	56	-2.052e+05	-4301.84	0.23	-105.34	0.0	-8083.17	-3219.47	-99.09	-378.27	-4301.84	-2.052e+05
		-7.831e+05	-2.124e+04	0.03	0.0	182.0	-8165.97	-3324.81	-99.09	-378.27	-2.124e+04	-7.831e+05
174	57	-2.220e+05	3.140e+04	0.23	-105.34	0.0	-7915.29	-3361.28	222.01	1992.85	-1.423e+04	-2.220e+05
		-8.015e+05	-1.423e+04	-0.02	0.0	182.0	-7998.09	-3466.62	222.01	1992.85	3.140e+04	-8.015e+05
174	62	-3.531e+05	2.088e+04	0.13	-105.34	0.0	-9854.72	-2327.31	-790.89	-4075.90	2.088e+04	-3.531e+05
		-8.329e+05	-1.284e+05	0.10	0.0	182.0	-9937.52	-2432.65	-790.89	-4075.90	-1.284e+05	-8.329e+05
174	65	-3.316e+05	8.725e+04	0.18	-105.34	0.0	-8572.11	-3059.63	575.79	4559.93	-2.290e+04	-3.316e+05
		-8.517e+05	-2.290e+04	-0.10	0.0	182.0	-8654.91	-3164.97	575.79	4559.93	8.725e+04	-8.517e+05
174	74	-3.423e+05	-1011.38	0.15	-105.34	0.0	-9213.41	-2693.47	-107.55	242.02	-1011.38	-3.423e+05
		-8.423e+05	-2.059e+04	5.20e-03	0.0	182.0	-9296.21	-2798.81	-107.55	242.02	-2.059e+04	-8.423e+05
174	75	-3.423e+05	-1011.38	0.15	-105.34	0.0	-9213.41	-2693.47	-107.55	242.02	-1011.38	-3.423e+05
		-8.423e+05	-2.059e+04	5.20e-03	0.0	182.0	-9296.21	-2798.81	-107.55	242.02	-2.059e+04	-8.423e+05
174	76	-3.423e+05	-1011.38	0.15	-105.34	0.0	-9213.41	-2693.47	-107.55	242.02	-1011.38	-3.423e+05
		-8.423e+05	-2.059e+04	5.20e-03	0.0	182.0	-9296.21	-2798.81	-107.55	242.02	-2.059e+04	-8.423e+05
175	1	5.307e+05	5195.79	0.22	-136.94	0.0	-8192.76	-2365.40	-52.26	-1750.72	5195.79	5.307e+05
		1.735e+05	-2474.16	0.01	0.0	146.8	-8223.85	-2502.34	-52.26	-1750.72	-2474.16	1.735e+05
175	2	4.061e+05	4036.55	0.17	-105.34	0.0	-6324.52	-1815.03	-40.83	-1331.63	4036.55	4.061e+05
		1.320e+05	-1955.39	0.01	0.0	146.8	-6348.44	-1920.37	-40.83	-1331.63	-1955.39	1.320e+05
175	3	7.336e+05	6245.83	0.29	-136.94	0.0	-1.077e+04	-3251.42	-56.74	-2433.12	6245.83	7.336e+05
		2.463e+05	-2082.32	0.01	0.0	146.8	-1.080e+04	-3388.37	-56.74	-2433.12	-2082.32	2.463e+05
175	6	4.206e+05	3752.70	0.17	-105.34	0.0	-6182.52	-1842.29	-35.71	-1433.41	3752.70	4.206e+05
		1.424e+05	-1488.49	8.80e-03	0.0	146.8	-6206.44	-1947.63	-35.71	-1433.41	-1488.49	1.424e+05
175	7	4.103e+05	3956.47	0.17	-105.34	0.0	-6283.05	-1823.11	-39.43	-1360.80	3956.47	4.103e+05
		1.349e+05	-1831.16	0.01	0.0	146.8	-6306.97	-1928.45	-39.43	-1360.80	-1831.16	1.349e+05
175	8	5.455e+05	4656.50	0.22	-105.34	0.0	-8000.35	-2413.79	-42.42	-1815.74	4656.50	5.455e+05
		1.835e+05	-1569.93	0.01	0.0	146.8	-8024.27	-2519.13	-42.42	-1815.74	-1569.93	1.835e+05
175	9	4.199e+05	3767.23	0.17	-105.34	0.0	-6188.38	-1841.28	-36.02	-1428.65	3767.23	4.199e+05
		1.419e+05	-1519.89	8.95e-03	0.0	146.8	-6212.30	-1946.62	-36.02	-1428.65	-1519.89	1.419e+05
175	22	3.072e+05	2.963e+04	0.17	-105.34	0.0	-7031.50	-2090.68	-313.84	-1615.29	2.963e+04	3.072e+05
		-953.57	-1.976e+04	0.07	0.0	146.8	-7055.42	-2196.02	-313.84	-1615.29	-1.976e+04	-953.57
175	25	5.325e+05	1.672e+04	0.17	-105.34	0.0	-5345.26	-1591.88	241.79	-1242.01	-2.210e+04	5.325e+05
		2.848e+05	-2.210e+04	-0.05	0.0	146.8	-5369.18	-1697.22	241.79	-1242.01	1.672e+04	2.848e+05
175	26	3.710e+05	6.369e+04	0.17	-105.34	0.0	-6529.05	-1841.85	-482.91	-962.31	6.369e+04	3.710e+05
		8.105e+04	1.256e+04	0.17	0.0	146.8	-6552.97	-1947.19	-482.91	-962.31	1.256e+04	8.105e+04
175	29	4.687e+05	-1.560e+04	0.17	-105.34	0.0	-5847.71	-1840.72	410.87	-1894.99	-5.615e+04	4.687e+05
		2.028e+05	-5.615e+04	-0.15	0.0	146.8	-5871.63	-1946.06	410.87	-1894.99	-1.560e+04	2.028e+05
175	54	3.072e+05	2.963e+04	0.17	-105.34	0.0	-7031.50	-2090.68	-313.84	-1615.29	2.963e+04	3.072e+05
		-953.57	-1.976e+04	0.07	0.0	146.8	-7055.42	-2196.02	-313.84	-1615.29	-1.976e+04	-953.57
175	57	5.325e+05	1.672e+04	0.17	-105.34	0.0	-5345.26	-1591.88	241.79	-1242.01	-2.210e+04	5.325e+05
		2.848e+05	-2.210e+04	-0.05	0.0	146.8	-5369.18	-1697.22	241.79	-1242.01	1.672e+04	2.848e+05
175	58	3.710e+05	6.369e+04	0.17	-105.34	0.0	-6529.05	-1841.85	-482.91	-962.31	6.369e+04	3.710e+05
		8.105e+04	1.256e+04	0.17	0.0	146.8	-6552.97	-1947.19	-482.91	-962.31	1.256e+04	8.105e+04
175	61	4.687e+05	-1.560e+04	0.17	-105.34	0.0	-5847.71	-1840.72	410.87	-1894.99	-5.615e+04	4.687e+05
		2.028e+05	-5.615e+04	-0.15	0.0	146.8	-5871.63	-1946.06	410.87	-1894.99	-1.560e+04	2.028e+05
175	74	4.199e+05	3767.23	0.17	-105.34	0.0	-6188.38	-1841.28	-36.02	-1428.65	3767.23	4.199e+05
		1.419e+05	-1519.89	8.95e-03	0.0	146.8	-6212.30	-1946.62	-36.02	-1428.65	-1519.89	1.419e+05
175	75	4.199e+05	3767.23	0.17	-105.34	0.0	-6188.38	-1841.28	-36.02	-1428.65	3767.23	4.199e+05
		1.419e+05	-1519.89	8.95e-03	0.0	146.8	-6212.30	-1946.62	-36.02	-1428.65	-1519.89	1.419e+05
175	76	4.199e+05	3767.23	0.17	-105.34	0.0	-6188.38	-1841.28	-36.02	-1428.65	3767.23	4.199e+05
		1.419e+05	-1519.89	8.95e-03	0.0	146.8	-6212.30	-1946.62	-36.02	-1428.65	-1519.89	1.419e+05
176	1	1.781e+04	6.750e+04	0.02	-136.94	0.0	-7586.30	-384.63	776.07	1.856e+04	-7.378e+04	1.781e+04
		-6.468e+04	-7.378e+04	0.02	0.0	182.0	-7478.66	-521.57	776.07	1.856e+04	6.750e+04	-6.468e+04
176	2	1.399e+04	5.195e+04	0.01	-105.34	0.0	-5831.67	-294.99	595.68	1.425e+04	-5.650e+04	1.399e+04
		-4.930e+04	-5.650e+04	0.01	0.0	182.0	-5748.87	-400.33	595.68	1.425e+04	5.195e+04	-4.930e+04
176	3	-7468.69	9.054e+04	0.02	-136.94	0.0	-9867.25	-467.99	1070.12	2.508e+04	-1.043e+05	-7468.69

		-1.051e+05	-1.043e+05	0.02	0.0	182.0	-9759.61	-604.93	1070.12	2.508e+04	9.054e+04	-1.051e+05
176	7	1.311e+04	5.195e+04	0.01	-105.34	0.0	-5840.60	-296.46	599.31	1.430e+04	-5.715e+04	1.311e+04
		-5.045e+04	-5.715e+04	0.01	0.0	182.0	-5757.80	-401.80	599.31	1.430e+04	5.195e+04	-5.045e+04
176	8	-3740.81	6.731e+04	0.02	-105.34	0.0	-7361.24	-352.03	795.35	1.865e+04	-7.748e+04	-3740.81
		-7.742e+04	-7.748e+04	0.02	0.0	182.0	-7278.44	-457.37	795.35	1.865e+04	6.731e+04	-7.742e+04
176	18	6.054e+04	5.174e+04	-0.02	-105.34	0.0	-5214.97	-105.37	634.28	1.479e+04	-6.557e+04	6.054e+04
		1.593e+04	-6.557e+04	-0.02	0.0	182.0	-5132.17	-210.71	634.28	1.479e+04	5.174e+04	1.593e+04
176	19	5.291e+04	4.228e+04	-0.03	-105.34	0.0	-5003.18	-43.27	358.77	1.244e+04	-1.716e+04	5.291e+04
		3.413e+04	-1.716e+04	0.04	0.0	182.0	-4920.38	-148.61	358.77	1.244e+04	4.228e+04	3.413e+04
176	20	-3.138e+04	6.175e+04	0.05	-105.34	0.0	-6722.07	-556.04	858.91	1.639e+04	-1.005e+05	-3.138e+04
		-1.409e+05	-1.005e+05	-0.02	0.0	182.0	-6639.27	-661.38	858.91	1.639e+04	6.175e+04	-1.409e+05
176	26	3.616e+04	7.000e+04	9.08e-03	-105.34	0.0	-6037.34	-360.15	1035.72	1.816e+04	-1.352e+05	3.616e+04
		-6.436e+04	-1.352e+05	-0.10	0.0	182.0	-5954.54	-465.49	1035.72	1.816e+04	7.000e+04	-6.436e+04
176	40	8831.04	6.231e+04	0.03	-105.34	0.0	-6427.66	-431.02	1150.98	1.894e+04	-1.556e+05	8831.04
		-9.903e+04	-1.556e+05	-0.10	0.0	182.0	-6344.86	-536.36	1150.98	1.894e+04	6.231e+04	-9.903e+04
176	50	6.054e+04	5.174e+04	-0.02	-105.34	0.0	-5214.97	-105.37	634.28	1.479e+04	-6.557e+04	6.054e+04
		1.593e+04	-6.557e+04	-0.02	0.0	182.0	-5132.17	-210.71	634.28	1.479e+04	5.174e+04	1.593e+04
176	51	5.291e+04	4.228e+04	-0.03	-105.34	0.0	-5003.18	-43.27	358.77	1.244e+04	-1.716e+04	5.291e+04
		3.413e+04	-1.716e+04	0.04	0.0	182.0	-4920.38	-148.61	358.77	1.244e+04	4.228e+04	3.413e+04
176	52	-3.138e+04	6.175e+04	0.05	-105.34	0.0	-6722.07	-556.04	858.91	1.639e+04	-1.005e+05	-3.138e+04
		-1.409e+05	-1.005e+05	-0.02	0.0	182.0	-6639.27	-661.38	858.91	1.639e+04	6.175e+04	-1.409e+05
176	58	3.616e+04	7.000e+04	9.08e-03	-105.34	0.0	-6037.34	-360.15	1035.72	1.816e+04	-1.352e+05	3.616e+04
		-6.436e+04	-1.352e+05	-0.10	0.0	182.0	-5954.54	-465.49	1035.72	1.816e+04	7.000e+04	-6.436e+04
176	72	8831.04	6.231e+04	0.03	-105.34	0.0	-6427.66	-431.02	1150.98	1.894e+04	-1.556e+05	8831.04
		-9.903e+04	-1.556e+05	-0.10	0.0	182.0	-6344.86	-536.36	1150.98	1.894e+04	6.231e+04	-9.903e+04
176	74	1.077e+04	5.201e+04	0.01	-105.34	0.0	-5862.63	-299.66	608.84	1.442e+04	-5.883e+04	1.077e+04
		-5.337e+04	-5.883e+04	0.01	0.0	182.0	-5779.83	-405.00	608.84	1.442e+04	5.201e+04	-5.337e+04
176	75	1.077e+04	5.201e+04	0.01	-105.34	0.0	-5862.63	-299.66	608.84	1.442e+04	-5.883e+04	1.077e+04
		-5.337e+04	-5.883e+04	0.01	0.0	182.0	-5779.83	-405.00	608.84	1.442e+04	5.201e+04	-5.337e+04
176	76	1.077e+04	5.201e+04	0.01	-105.34	0.0	-5862.63	-299.66	608.84	1.442e+04	-5.883e+04	1.077e+04
		-5.337e+04	-5.883e+04	0.01	0.0	182.0	-5779.83	-405.00	608.84	1.442e+04	5.201e+04	-5.337e+04
177	2	6.322e+04	2.690e+04	0.03	-105.34	0.0	-4658.63	-1.13	-65.15	-436.03	2.690e+04	6.322e+04
		5.549e+04	1.754e+04	8.93e-03	0.0	143.7	-4667.83	-106.47	-65.15	-436.03	1.754e+04	5.549e+04
177	3	1.138e+05	4.715e+04	0.04	-136.94	0.0	-7824.67	-12.97	-105.17	-924.00	4.715e+04	1.138e+05
		1.021e+05	3.204e+04	-0.01	0.0	143.7	-7836.63	-149.91	-105.17	-924.00	3.204e+04	1.021e+05
177	7	6.304e+04	2.684e+04	0.03	-105.34	0.0	-4662.67	2.64	-63.93	-448.27	2.684e+04	6.304e+04
		5.585e+04	1.765e+04	8.44e-03	0.0	143.7	-4671.87	-102.70	-63.93	-448.27	1.765e+04	5.585e+04
177	8	8.418e+04	3.499e+04	0.03	-105.34	0.0	-5839.96	-6.40	-78.07	-681.99	3.499e+04	8.418e+04
		7.570e+04	2.377e+04	7.83e-03	0.0	143.7	-5849.16	-111.74	-78.07	-681.99	2.377e+04	7.570e+04
177	19	5.834e+04	2.431e+04	0.03	-105.34	0.0	-4738.86	-216.71	-116.12	-961.45	2.431e+04	5.834e+04
		1.304e+04	-89.46	-0.02	0.0	143.7	-4748.06	-322.05	-116.12	-961.45	-89.46	1.304e+04
177	20	1.005e+05	3.596e+04	0.01	-105.34	0.0	-4605.82	240.85	-5.83	3.26	2.908e+04	1.005e+05
		6.685e+04	2.908e+04	0.03	0.0	143.7	-4615.02	135.51	-5.83	3.26	3.596e+04	6.685e+04
177	27	5.508e+04	-1.331e+04	0.02	-105.34	0.0	-4805.73	48.89	53.56	-1125.93	-1.331e+04	5.508e+04
		3.112e+04	-2.229e+04	-0.04	0.0	143.7	-4814.93	-56.45	53.56	-1125.93	-2.229e+04	3.112e+04
177	28	8.240e+04	6.670e+04	0.03	-105.34	0.0	-4538.95	-24.75	-175.52	167.75	6.670e+04	8.240e+04
		7.010e+04	5.816e+04	0.06	0.0	143.7	-4548.15	-130.09	-175.52	167.75	5.816e+04	7.010e+04
177	38	6.910e+04	7.622e+04	0.03	-105.34	0.0	-4613.99	-125.43	-245.75	104.07	7.622e+04	6.910e+04
		5.637e+04	4.244e+04	0.08	0.0	143.7	-4623.19	-230.77	-245.75	104.07	4.244e+04	5.637e+04
177	41	5.855e+04	-6577.96	0.02	-105.34	0.0	-4730.69	149.57	123.80	-1062.25	-2.283e+04	5.855e+04
		5.608e+04	-2.283e+04	-0.07	0.0	143.7	-4739.89	44.23	123.80	-1062.25	-6577.96	5.608e+04
177	51	5.834e+04	2.431e+04	0.03	-105.34	0.0	-4738.86	-216.71	-116.12	-961.45	2.431e+04	5.834e+04
		1.304e+04	-89.46	-0.02	0.0	143.7	-4748.06	-322.05	-116.12	-961.45	-89.46	1.304e+04
177	52	1.005e+05	3.596e+04	0.01	-105.34	0.0	-4605.82	240.85	-5.83	3.26	2.908e+04	1.005e+05
		6.685e+04	2.908e+04	0.03	0.0	143.7	-4615.02	135.51	-5.83	3.26	3.596e+04	6.685e+04
177	59	5.508e+04	-1.331e+04	0.02	-105.34	0.0	-4805.73	48.89	53.56	-1125.93	-1.331e+04	5.508e+04
		3.112e+04	-2.229e+04	-0.04	0.0	143.7	-4814.93	-56.45	53.56	-1125.93	-2.229e+04	3.112e+04
177	60	8.240e+04	6.670e+04	0.03	-105.34	0.0	-4538.95	-24.75	-175.52	167.75	6.670e+04	8.240e+04
		7.010e+04	5.816e+04	0.06	0.0	143.7	-4548.15	-130.09	-175.52	167.75	5.816e+04	7.010e+04
177	70	6.910e+04	7.622e+04	0.03	-105.34	0.0	-4613.99	-125.43	-245.75	104.07	7.622e+04	6.910e+04
		5.637e+04	4.244e+04	0.08	0.0	143.7	-4623.19	-230.77	-245.75	104.07	4.244e+04	5.637e+04
177	73	5.855e+04	-6577.96	0.02	-105.34	0.0	-4730.69	149.57	123.80	-1062.25	-2.283e+04	5.855e+04
		5.608e+04	-2.283e+04	-0.07	0.0	143.7	-4739.89	44.23	123.80	-1062.25	-6577.96	5.608e+04
177	74	6.269e+04	2.669e+04	0.02	-105.34	0.0	-4672.34	12.07	-60.98	-479.09	2.669e+04	6.269e+04
		5.676e+04	1.793e+04	7.18e-03	0.0	143.7	-4681.54	-93.27	-60.98	-479.09	1.793e+04	5.676e+04
177	75	6.269e+04	2.669e+04	0.02	-105.34	0.0	-4672.34	12.07	-60.98	-479.09	2.669e+04	6.269e+04
		5.676e+04	1.793e+04	7.18e-03	0.0	143.7	-4681.54	-93.27	-60.98	-479.09	1.793e+04	5.676e+04
177	76	6.269e+04	2.669e+04	0.02	-105.34	0.0	-4672.34	12.07	-60.98	-479.09	2.669e+04	6.269e+04
		5.676e+04	1.793e+04	7.18e-03	0.0	143.7	-4681.54	-93.27	-60.98	-479.09	1.793e+04	5.676e+04
178	2	6.029e+04	2.431e+04	-2.29e-03	-105.34	0.0	-4854.05	301.46	84.45	2758.68	1.192e+04	2.378e+04
		2.378e+04	1.192e+04	0.01	0.0	146.8	-4830.13	196.12	84.45	2758.68	2.431e+04	6.029e+04
178	3	1.026e+05	4.403e+04	-0.01	-136.94	0.0	-8182.17	557.66	163.60	5142.64	2.002e+04	3.085e+04
		3.085e+04	2.002e+04	0.01	0.0	146.8	-8151.07	420.72	163.60	5142.64	4.403e+04	1.026e+05
178	6	5.799e+04	2.474e+04	-3.78e-03	-105.34	0.0	-4878.99	310.01	90.30	2831.74	1.149e+04	2.022e+04
		2.022e+04	1.149e+04	8.76e-03	0.0	146.8	-4855.07	204.67	90.30	2831.74	2.474e+04	5.799e+04
178	7	5.968e+04	2.443e+04	-2.66e-03	-105.34	0.0	-4860.90	303.67	86.06	2780.29	1.180e+04	2.284e+04
		2.284e+04	1.180e+04	0.01	0.0	146.8	-4836.98	198.33	86.06	2780.29	2.443e+04	5.968e+04

178	8	7.608e+04	3.267e+04	-7.86e-03	-105.34	0.0	-6106.09	413.45	121.29	3807.46	1.487e+04	2.313e+04
		2.313e+04	1.487e+04	0.01	0.0	146.8	-6082.17	308.11	121.29	3807.46	3.267e+04	7.608e+04
178	9	5.814e+04	2.471e+04	-3.68e-03	-105.34	0.0	-4877.53	309.37	89.96	2829.00	1.151e+04	2.047e+04
		2.047e+04	1.151e+04	8.88e-03	0.0	146.8	-4853.61	204.03	89.96	2829.00	2.471e+04	5.814e+04
178	18	9.814e+04	2.691e+04	-2.20e-03	-105.34	0.0	-4500.74	136.64	124.74	1934.11	2.587e+04	9.283e+04
		9.283e+04	2.587e+04	-0.03	0.0	146.8	-4476.82	31.30	124.74	1934.11	2.691e+04	9.791e+04
178	19	8.940e+04	1.405e+04	-3.83e-03	-105.34	0.0	-4422.76	83.38	-46.02	2305.02	1.405e+04	7.745e+04
		7.745e+04	2455.91	0.06	0.0	146.8	-4398.84	-21.96	-46.02	2305.02	2455.91	8.940e+04
178	20	2.688e+04	4.697e+04	-4.47e-03	-105.34	0.0	-5332.29	535.37	225.95	3352.98	8967.16	-3.652e+04
		-3.652e+04	8967.16	-0.04	0.0	146.8	-5308.37	430.03	225.95	3352.98	4.697e+04	2.688e+04
178	21	1.837e+04	2.251e+04	-7.98e-03	-105.34	0.0	-5254.32	482.11	55.19	3723.88	-2845.67	-5.190e+04
		-5.190e+04	-2845.67	0.04	0.0	146.8	-5230.40	376.77	55.19	3723.88	2.251e+04	1.837e+04
178	39	5.985e+04	1881.62	-7.67e-03	-105.34	0.0	-4648.24	179.20	-202.51	3334.01	1881.62	2.342e+04
		2.342e+04	-2.705e+04	0.16	0.0	146.8	-4624.32	73.86	-202.51	3334.01	-2.705e+04	5.985e+04
178	40	5.644e+04	7.648e+04	-8.79e-04	-105.34	0.0	-5106.82	439.55	382.43	2323.98	2.114e+04	1.752e+04
		1.752e+04	2.114e+04	-0.14	0.0	146.8	-5082.90	334.21	382.43	2323.98	7.648e+04	5.644e+04
178	50	9.814e+04	2.691e+04	-2.20e-03	-105.34	0.0	-4500.74	136.64	124.74	1934.11	2.587e+04	9.283e+04
		9.283e+04	2.587e+04	-0.03	0.0	146.8	-4476.82	31.30	124.74	1934.11	2.691e+04	9.791e+04
178	51	8.940e+04	1.405e+04	-3.83e-03	-105.34	0.0	-4422.76	83.38	-46.02	2305.02	1.405e+04	7.745e+04
		7.745e+04	2455.91	0.06	0.0	146.8	-4398.84	-21.96	-46.02	2305.02	2455.91	8.940e+04
178	52	2.688e+04	4.697e+04	-4.47e-03	-105.34	0.0	-5332.29	535.37	225.95	3352.98	8967.16	-3.652e+04
		-3.652e+04	8967.16	-0.04	0.0	146.8	-5308.37	430.03	225.95	3352.98	4.697e+04	2.688e+04
178	53	1.837e+04	2.251e+04	-7.98e-03	-105.34	0.0	-5254.32	482.11	55.19	3723.88	-2845.67	-5.190e+04
		-5.190e+04	-2845.67	0.04	0.0	146.8	-5230.40	376.77	55.19	3723.88	2.251e+04	1.837e+04
178	71	5.985e+04	1881.62	-7.67e-03	-105.34	0.0	-4648.24	179.20	-202.51	3334.01	1881.62	2.342e+04
		2.342e+04	-2.705e+04	0.16	0.0	146.8	-4624.32	73.86	-202.51	3334.01	-2.705e+04	5.985e+04
178	72	5.644e+04	7.648e+04	-8.79e-04	-105.34	0.0	-5106.82	439.55	382.43	2323.98	2.114e+04	1.752e+04
		1.752e+04	2.114e+04	-0.14	0.0	146.8	-5082.90	334.21	382.43	2323.98	7.648e+04	5.644e+04
178	74	5.814e+04	2.471e+04	-3.68e-03	-105.34	0.0	-4877.53	309.37	89.96	2829.00	1.151e+04	2.047e+04
		2.047e+04	1.151e+04	8.88e-03	0.0	146.8	-4853.61	204.03	89.96	2829.00	2.471e+04	5.814e+04
178	75	5.814e+04	2.471e+04	-3.68e-03	-105.34	0.0	-4877.53	309.37	89.96	2829.00	1.151e+04	2.047e+04
		2.047e+04	1.151e+04	8.88e-03	0.0	146.8	-4853.61	204.03	89.96	2829.00	2.471e+04	5.814e+04
178	76	5.814e+04	2.471e+04	-3.68e-03	-105.34	0.0	-4877.53	309.37	89.96	2829.00	1.151e+04	2.047e+04
		2.047e+04	1.151e+04	8.88e-03	0.0	146.8	-4853.61	204.03	89.96	2829.00	2.471e+04	5.814e+04
179	2	1.344e+04	2.371e+04	0.05	-105.34	0.0	-5165.61	-455.56	-41.10	-5763.78	2.371e+04	1.344e+04
		-6.404e+04	1.744e+04	0.02	0.0	152.5	-5204.25	-560.90	-41.10	-5763.78	1.744e+04	-6.404e+04
179	3	2.812e+04	4.128e+04	0.08	-136.94	0.0	-8687.73	-827.46	-67.17	-1.073e+04	4.128e+04	2.812e+04
		-1.085e+05	3.104e+04	0.03	0.0	152.5	-8737.96	-964.40	-67.17	-1.073e+04	3.104e+04	-1.085e+05
179	7	1.440e+04	2.362e+04	0.05	-105.34	0.0	-5166.89	-451.10	-40.38	-5788.87	2.362e+04	1.440e+04
		-6.240e+04	1.747e+04	0.02	0.0	152.5	-5205.53	-556.44	-40.38	-5788.87	1.747e+04	-6.240e+04
179	8	2.116e+04	3.064e+04	0.06	-105.34	0.0	-6481.24	-609.58	-49.84	-7937.00	3.064e+04	2.116e+04
		-7.980e+04	2.304e+04	0.02	0.0	152.5	-6519.88	-714.92	-49.84	-7937.00	2.304e+04	-7.980e+04
179	18	-5.694e+04	4.153e+04	0.04	-105.34	0.0	-5621.85	-525.63	-236.24	-5377.24	4.153e+04	-5.694e+04
		-1.433e+05	-1841.38	0.09	0.0	152.5	-5660.49	-630.97	-236.24	-5377.24	-1841.38	-1.433e+05
179	21	9.058e+04	3.693e+04	0.06	-105.34	0.0	-4717.73	-354.36	158.95	-6320.92	5346.81	9.058e+04
		2.671e+04	5346.81	-0.05	0.0	152.5	-4756.37	-459.70	158.95	-6320.92	3.693e+04	2.671e+04
179	26	-2.340e+04	6.260e+04	0.05	-105.34	0.0	-5465.40	-497.04	-470.47	-5928.18	6.260e+04	-2.340e+04
		-1.033e+05	-1.472e+04	0.21	0.0	152.5	-5504.04	-602.38	-470.47	-5928.18	-1.472e+04	-1.033e+05
179	38	-1.882e+04	5.207e+04	0.05	-105.34	0.0	-5466.02	-497.09	-424.44	-5921.63	5.207e+04	-1.882e+04
		-9.966e+04	-1.686e+04	0.20	0.0	152.5	-5504.66	-602.43	-424.44	-5921.63	-1.686e+04	-9.966e+04
179	50	-5.694e+04	4.153e+04	0.04	-105.34	0.0	-5621.85	-525.63	-236.24	-5377.24	4.153e+04	-5.694e+04
		-1.433e+05	-1841.38	0.09	0.0	152.5	-5660.49	-630.97	-236.24	-5377.24	-1841.38	-1.433e+05
179	53	9.058e+04	3.693e+04	0.06	-105.34	0.0	-4717.73	-354.36	158.95	-6320.92	5346.81	9.058e+04
		2.671e+04	5346.81	-0.05	0.0	152.5	-4756.37	-459.70	158.95	-6320.92	3.693e+04	2.671e+04
179	58	-2.340e+04	6.260e+04	0.05	-105.34	0.0	-5465.40	-497.04	-470.47	-5928.18	6.260e+04	-2.340e+04
		-1.033e+05	-1.472e+04	0.21	0.0	152.5	-5504.04	-602.38	-470.47	-5928.18	-1.472e+04	-1.033e+05
179	70	-1.882e+04	5.207e+04	0.05	-105.34	0.0	-5466.02	-497.09	-424.44	-5921.63	5.207e+04	-1.882e+04
		-9.966e+04	-1.686e+04	0.20	0.0	152.5	-5504.66	-602.43	-424.44	-5921.63	-1.686e+04	-9.966e+04
179	74	1.682e+04	2.344e+04	0.05	-105.34	0.0	-5169.79	-439.99	-38.65	-5849.08	2.344e+04	1.682e+04
		-5.829e+04	1.755e+04	0.02	0.0	152.5	-5208.43	-545.33	-38.65	-5849.08	1.755e+04	-5.829e+04
179	75	1.682e+04	2.344e+04	0.05	-105.34	0.0	-5169.79	-439.99	-38.65	-5849.08	2.344e+04	1.682e+04
		-5.829e+04	1.755e+04	0.02	0.0	152.5	-5208.43	-545.33	-38.65	-5849.08	1.755e+04	-5.829e+04
179	76	1.682e+04	2.344e+04	0.05	-105.34	0.0	-5169.79	-439.99	-38.65	-5849.08	2.344e+04	1.682e+04
		-5.829e+04	1.755e+04	0.02	0.0	152.5	-5208.43	-545.33	-38.65	-5849.08	1.755e+04	-5.829e+04
180	2	6.399e+04	2.749e+04	0.01	-105.34	0.0	-4667.64	71.47	72.04	673.22	1.714e+04	6.051e+04
		6.051e+04	1.714e+04	0.01	0.0	143.7	-4658.44	-33.87	72.04	673.22	2.749e+04	6.321e+04
180	3	1.138e+05	4.979e+04	0.01	-136.94	0.0	-7848.94	143.37	140.54	1237.08	2.960e+04	1.030e+05
		1.030e+05	2.960e+04	0.02	0.0	143.7	-7836.98	6.42	140.54	1237.08	4.979e+04	1.138e+05
180	6	6.288e+04	2.795e+04	0.01	-105.34	0.0	-4687.68	82.84	77.37	686.55	1.683e+04	5.821e+04
		5.821e+04	1.683e+04	0.01	0.0	143.7	-4678.48	-22.50	77.37	686.55	2.795e+04	6.254e+04
180	7	6.367e+04	2.761e+04	0.01	-105.34	0.0	-4673.17	74.46	73.50	678.06	1.705e+04	5.990e+04
		5.990e+04	1.705e+04	0.01	0.0	143.7	-4663.97	-30.88	73.50	678.06	2.761e+04	6.303e+04
180	8	8.417e+04	3.694e+04	0.01	-105.34	0.0	-5858.26	107.05	104.18	916.06	2.197e+04	7.636e+04
		7.636e+04	2.197e+04	0.01	0.0	143.7	-5849.06	1.71	104.18	916.06	3.694e+04	8.417e+04
180	9	6.295e+04	2.792e+04	0.01	-105.34	0.0	-4686.53	82.04	77.05	686.94	1.685e+04	5.836e+04
		5.836e+04	1.685e+04	0.01	0.0	143.7	-4677.33	-23.30	77.05	686.94	2.792e+04	6.258e+04
180	18	9.810e+04	3.756e+04	0.02	-105.34	0.0	-4447.44	-144.39	65.90	-95.29	3.756e+04	9.810e+04

180	21	6.241e+04	3.459e+04	-0.02	0.0	143.7	-4438.24	-249.73	65.90	-95.29	3.459e+04	6.241e+04
		6.276e+04	2.124e+04	-2.50e-03	-105.34	0.0	-4925.63	308.47	88.20	1469.18	-3861.14	1.862e+04
		1.862e+04	-3861.14	0.04	0.0	143.7	-4916.43	203.13	88.20	1469.18	2.124e+04	6.276e+04
180	22	9.653e+04	3.972e+04	0.02	-105.34	0.0	-4446.01	-155.98	31.45	-60.06	3.972e+04	9.653e+04
		6.253e+04	3.441e+04	-0.02	0.0	143.7	-4436.81	-261.32	31.45	-60.06	3.441e+04	6.253e+04
180	25	6.263e+04	2.143e+04	-2.17e-03	-105.34	0.0	-4927.06	320.07	122.64	1433.94	-6021.94	2.019e+04
		2.019e+04	-6021.94	0.03	0.0	143.7	-4917.86	214.73	122.64	1433.94	2.143e+04	6.263e+04
180	32	7.000e+04	7.473e+04	0.01	-105.34	0.0	-4674.75	268.48	296.03	301.71	4.204e+04	6.190e+04
		6.190e+04	4.204e+04	-0.05	0.0	143.7	-4665.55	163.14	296.03	301.71	7.473e+04	7.000e+04
180	41	5.607e+04	-1.423e+04	2.34e-03	-105.34	0.0	-4832.75	89.68	15.18	1321.70	-2.278e+04	3.877e+04
		3.877e+04	-2.278e+04	0.05	0.0	143.7	-4823.55	-15.66	15.18	1321.70	-1.423e+04	5.607e+04
180	50	9.810e+04	3.756e+04	0.02	-105.34	0.0	-4447.44	-144.39	65.90	-95.29	3.756e+04	9.810e+04
		6.241e+04	3.459e+04	-0.02	0.0	143.7	-4438.24	-249.73	65.90	-95.29	3.459e+04	6.241e+04
180	53	6.276e+04	2.124e+04	-2.50e-03	-105.34	0.0	-4925.63	308.47	88.20	1469.18	-3861.14	1.862e+04
		1.862e+04	-3861.14	0.04	0.0	143.7	-4916.43	203.13	88.20	1469.18	2.124e+04	6.276e+04
180	54	9.653e+04	3.972e+04	0.02	-105.34	0.0	-4446.01	-155.98	31.45	-60.06	3.972e+04	9.653e+04
		6.253e+04	3.441e+04	-0.02	0.0	143.7	-4436.81	-261.32	31.45	-60.06	3.441e+04	6.253e+04
180	57	6.263e+04	2.143e+04	-2.17e-03	-105.34	0.0	-4927.06	320.07	122.64	1433.94	-6021.94	2.019e+04
		2.019e+04	-6021.94	0.03	0.0	143.7	-4917.86	214.73	122.64	1433.94	2.143e+04	6.263e+04
180	64	7.000e+04	7.473e+04	0.01	-105.34	0.0	-4674.75	268.48	296.03	301.71	4.204e+04	6.190e+04
		6.190e+04	4.204e+04	-0.05	0.0	143.7	-4665.55	163.14	296.03	301.71	7.473e+04	7.000e+04
180	73	5.607e+04	-1.423e+04	2.34e-03	-105.34	0.0	-4832.75	89.68	15.18	1321.70	-2.278e+04	3.877e+04
		3.877e+04	-2.278e+04	0.05	0.0	143.7	-4823.55	-15.66	15.18	1321.70	-1.423e+04	5.607e+04
180	74	6.295e+04	2.792e+04	0.01	-105.34	0.0	-4686.53	82.04	77.05	686.94	1.685e+04	5.836e+04
		5.836e+04	1.685e+04	0.01	0.0	143.7	-4677.33	-23.30	77.05	686.94	2.792e+04	6.295e+04
180	75	6.295e+04	2.792e+04	0.01	-105.34	0.0	-4686.53	82.04	77.05	686.94	1.685e+04	5.836e+04
		5.836e+04	1.685e+04	0.01	0.0	143.7	-4677.33	-23.30	77.05	686.94	2.792e+04	6.295e+04
180	76	6.295e+04	2.792e+04	0.01	-105.34	0.0	-4686.53	82.04	77.05	686.94	1.685e+04	5.836e+04
		5.836e+04	1.685e+04	0.01	0.0	143.7	-4677.33	-23.30	77.05	686.94	2.792e+04	6.295e+04
181	2	2.344e+04	2.548e+04	-9.61e-03	-105.34	0.0	-5208.49	527.91	34.57	6243.73	2.021e+04	-4.901e+04
		-4.901e+04	2.021e+04	-0.01	0.0	152.5	-5169.85	422.57	34.57	6243.73	2.548e+04	2.344e+04
181	3	3.025e+04	4.579e+04	-0.02	-136.94	0.0	-8802.96	952.98	79.20	1.161e+04	3.371e+04	-1.046e+05
		-1.046e+05	3.371e+04	-0.02	0.0	152.5	-8752.73	816.04	79.20	1.161e+04	4.579e+04	3.025e+04
181	6	1.987e+04	2.582e+04	-0.01	-105.34	0.0	-5237.98	533.20	41.18	6369.64	1.954e+04	-5.339e+04
		-5.339e+04	1.954e+04	-0.01	0.0	152.5	-5199.34	427.86	41.18	6369.64	2.582e+04	1.987e+04
181	7	2.250e+04	2.557e+04	-9.98e-03	-105.34	0.0	-5216.55	529.22	36.40	6279.33	2.002e+04	-5.015e+04
		-5.015e+04	2.002e+04	-0.01	0.0	152.5	-5177.91	423.88	36.40	6279.33	2.557e+04	2.250e+04
181	8	2.268e+04	3.398e+04	-0.02	-105.34	0.0	-6567.98	706.66	58.49	8590.22	2.507e+04	-7.702e+04
		-7.702e+04	2.507e+04	-0.02	0.0	152.5	-6529.34	601.32	58.49	8590.22	3.398e+04	2.268e+04
181	9	2.012e+04	2.579e+04	-0.01	-105.34	0.0	-5236.21	532.74	40.81	6363.27	1.957e+04	-5.307e+04
		-5.307e+04	1.957e+04	-0.01	0.0	152.5	-5197.57	427.40	40.81	6363.27	2.579e+04	2.012e+04
181	18	9.250e+04	2.586e+04	-0.02	-105.34	0.0	-4708.35	449.15	66.61	5911.82	1.657e+04	1.624e+04
		1.624e+04	1.657e+04	-0.04	0.0	152.5	-4669.71	343.81	66.61	5911.82	2.586e+04	9.250e+04
181	19	7.712e+04	3.437e+04	-0.02	-105.34	0.0	-4560.21	423.68	-141.77	5754.82	3.437e+04	3.444e+04
		3.444e+04	7841.75	0.06	0.0	152.5	-4521.57	318.34	-141.77	5754.82	7841.75	7.712e+04
181	20	-3.689e+04	4.375e+04	1.75e-03	-105.34	0.0	-5912.21	641.80	223.38	6971.72	4770.58	-1.406e+05
		-1.406e+05	4770.58	-0.07	0.0	152.5	-5873.57	536.46	223.38	6971.72	4.375e+04	-3.689e+04
181	28	3.035e+04	5.830e+04	-5.25e-03	-105.34	0.0	-5625.61	601.80	407.77	6750.47	-1.224e+04	-1.028e+05
		-1.028e+05	-1.224e+04	-0.17	0.0	152.5	-5586.97	496.46	407.77	6750.47	5.830e+04	3.035e+04
181	40	1.717e+04	6.287e+04	-3.95e-03	-105.34	0.0	-5626.74	610.83	471.27	6770.11	-1.111e+04	-9.872e+04
		-9.872e+04	-1.111e+04	-0.20	0.0	152.5	-5588.10	505.49	471.27	6770.11	6.287e+04	1.717e+04
181	50	9.250e+04	2.586e+04	-0.02	-105.34	0.0	-4708.35	449.15	66.61	5911.82	1.657e+04	1.624e+04
		1.624e+04	1.657e+04	-0.04	0.0	152.5	-4669.71	343.81	66.61	5911.82	2.586e+04	9.250e+04
181	51	7.712e+04	3.437e+04	-0.02	-105.34	0.0	-4560.21	423.68	-141.77	5754.82	3.437e+04	3.444e+04
		3.444e+04	7841.75	0.06	0.0	152.5	-4521.57	318.34	-141.77	5754.82	7841.75	7.712e+04
181	52	-3.689e+04	4.375e+04	1.75e-03	-105.34	0.0	-5912.21	641.80	223.38	6971.72	4770.58	-1.406e+05
		-1.406e+05	4770.58	-0.07	0.0	152.5	-5873.57	536.46	223.38	6971.72	4.375e+04	-3.689e+04
181	60	3.035e+04	5.830e+04	-5.25e-03	-105.34	0.0	-5625.61	601.80	407.77	6750.47	-1.224e+04	-1.028e+05
		-1.028e+05	-1.224e+04	-0.17	0.0	152.5	-5586.97	496.46	407.77	6750.47	5.830e+04	3.035e+04
181	72	1.717e+04	6.287e+04	-3.95e-03	-105.34	0.0	-5626.74	610.83	471.27	6770.11	-1.111e+04	-9.872e+04
		-9.872e+04	-1.111e+04	-0.20	0.0	152.5	-5588.10	505.49	471.27	6770.11	6.287e+04	1.717e+04
181	74	2.012e+04	2.579e+04	-0.01	-105.34	0.0	-5236.21	532.74	40.81	6363.27	1.957e+04	-5.307e+04
		-5.307e+04	1.957e+04	-0.01	0.0	152.5	-5197.57	427.40	40.81	6363.27	2.579e+04	2.012e+04
181	75	2.012e+04	2.579e+04	-0.01	-105.34	0.0	-5236.21	532.74	40.81	6363.27	1.957e+04	-5.307e+04
		-5.307e+04	1.957e+04	-0.01	0.0	152.5	-5197.57	427.40	40.81	6363.27	2.579e+04	2.012e+04
181	76	2.012e+04	2.579e+04	-0.01	-105.34	0.0	-5236.21	532.74	40.81	6363.27	1.957e+04	-5.307e+04
		-5.307e+04	1.957e+04	-0.01	0.0	152.5	-5197.57	427.40	40.81	6363.27	2.579e+04	2.012e+04
182	3	-1.656e+04	7.917e+04	0.04	-136.94	0.0	-9661.81	576.05	-769.99	-2.406e+04	7.917e+04	-1.090e+05
		-1.090e+05	-6.101e+04	-0.01	0.0	182.0	-9769.45	439.11	-769.99	-2.406e+04	-6.101e+04	-1.656e+04
182	6	2702.68	4.555e+04	0.03	-105.34	0.0	-5737.03	386.97	-443.58	-1.390e+04	4.555e+04	-5.815e+04
		-5.815e+04	-3.520e+04	-7.27e-03	0.0	182.0	-5819.83	281.63	-443.58	-1.390e+04	-3.520e+04	2702.68
182	8	-1.035e+04	5.884e+04	0.03	-105.34	0.0	-7205.95	436.22	-572.03	-1.789e+04	5.884e+04	-8.017e+04
		-8.017e+04	-4.530e+04	-9.63e-03	0.0	182.0	-7288.75	330.88	-572.03	-1.789e+04	-4.530e+04	-1.035e+04
182	9	2088.36	4.557e+04	0.03	-105.34	0.0	-5737.03	386.97	-444.41	-1.390e+04	4.557e+04	-5.857e+04
		-5.857e+04	-3.533e+04	-7.22e-03	0.0	182.0	-5820.20	280.52	-444.41	-1.390e+04	-3.533e+04	2088.36
182	18	-4.675e+04	4.199e+04	-5.35e-03	-105.34	0.0	-6354.90	615.82	-689.16	-1.461e+04	4.199e+04	-1.435e+05
		-1.435e+05	-7.751e+04	0.03	0.0	182.0	-6437.70	510.48	-689.16	-1.461e+04	-7.751e+04	-4.675e+04

182	21	5.092e+04	4.916e+04	0.06	-105.34	0.0	-5119.90	155.90	-199.67	-1.320e+04	4.916e+04	2.639e+04
		2.639e+04	6850.26	-0.03	0.0	182.0	-5202.70	50.56	-199.67	-1.320e+04	6850.26	5.092e+04
182	25	5.138e+04	4.917e+04	0.06	-105.34	0.0	-5127.96	166.29	-226.68	-1.321e+04	4.917e+04	2.393e+04
		2.393e+04	3325.18	-0.03	0.0	182.0	-5210.76	60.95	-226.68	-1.321e+04	3325.18	5.138e+04
182	26	-2.192e+04	5.550e+04	0.03	-105.34	0.0	-6151.27	511.51	-996.63	-1.801e+04	5.550e+04	-1.036e+05
		-1.036e+05	-1.317e+05	0.10	0.0	182.0	-6234.07	406.17	-996.63	-1.801e+04	-1.317e+05	-2.192e+04
182	29	2.610e+04	6.105e+04	0.02	-105.34	0.0	-5323.53	260.21	107.81	-9798.50	3.565e+04	-1.358e+04
		-1.358e+04	3.565e+04	-0.10	0.0	182.0	-5406.33	154.87	107.81	-9798.50	6.105e+04	2.610e+04
182	50	-4.675e+04	4.199e+04	-5.35e-03	-105.34	0.0	-6354.90	615.82	-689.16	-1.461e+04	4.199e+04	-1.435e+05
		-1.435e+05	-7.751e+04	0.03	0.0	182.0	-6437.70	510.48	-689.16	-1.461e+04	-7.751e+04	-4.675e+04
182	53	5.092e+04	4.916e+04	0.06	-105.34	0.0	-5119.90	155.90	-199.67	-1.320e+04	4.916e+04	2.639e+04
		2.639e+04	6850.26	-0.03	0.0	182.0	-5202.70	50.56	-199.67	-1.320e+04	6850.26	5.092e+04
182	57	5.138e+04	4.917e+04	0.06	-105.34	0.0	-5127.96	166.29	-226.68	-1.321e+04	4.917e+04	2.393e+04
		2.393e+04	3325.18	-0.03	0.0	182.0	-5210.76	60.95	-226.68	-1.321e+04	3325.18	5.138e+04
182	58	-2.192e+04	5.550e+04	0.03	-105.34	0.0	-6151.27	511.51	-996.63	-1.801e+04	5.550e+04	-1.036e+05
		-1.036e+05	-1.317e+05	0.10	0.0	182.0	-6234.07	406.17	-996.63	-1.801e+04	-1.317e+05	-2.192e+04
182	61	2.610e+04	6.105e+04	0.02	-105.34	0.0	-5323.53	260.21	107.81	-9798.50	3.565e+04	-1.358e+04
		-1.358e+04	3.565e+04	-0.10	0.0	182.0	-5406.33	154.87	107.81	-9798.50	6.105e+04	2.610e+04
182	74	2088.36	4.557e+04	0.03	-105.34	0.0	-5737.40	385.86	-444.41	-1.390e+04	4.557e+04	-5.857e+04
		-5.857e+04	-3.533e+04	-7.22e-03	0.0	182.0	-5820.20	280.52	-444.41	-1.390e+04	-3.533e+04	2088.36
182	75	2088.36	4.557e+04	0.03	-105.34	0.0	-5737.40	385.86	-444.41	-1.390e+04	4.557e+04	-5.857e+04
		-5.857e+04	-3.533e+04	-7.22e-03	0.0	182.0	-5820.20	280.52	-444.41	-1.390e+04	-3.533e+04	2088.36
182	76	2088.36	4.557e+04	0.03	-105.34	0.0	-5737.40	385.86	-444.41	-1.390e+04	4.557e+04	-5.857e+04
		-5.857e+04	-3.533e+04	-7.22e-03	0.0	182.0	-5820.20	280.52	-444.41	-1.390e+04	-3.533e+04	2088.36
183	2	5.531e+04	2.349e+04	0.04	-105.34	0.0	-4829.02	-230.50	-80.49	-2477.88	2.349e+04	5.531e+04
		1.375e+04	1.167e+04	1.00e-02	0.0	146.8	-4852.94	-335.84	-80.49	-2477.88	1.167e+04	1.375e+04
183	3	1.017e+05	4.111e+04	0.06	-136.94	0.0	-8113.55	-429.26	-134.18	-4728.34	4.111e+04	1.017e+05
		2.870e+04	2.142e+04	0.01	0.0	146.8	-8144.64	-566.20	-134.18	-4728.34	2.142e+04	2.870e+04
183	7	5.566e+04	2.343e+04	0.04	-105.34	0.0	-4831.67	-226.32	-79.55	-2503.38	2.343e+04	5.566e+04
		1.471e+04	1.176e+04	9.61e-03	0.0	146.8	-4855.59	-331.66	-79.55	-2503.38	1.176e+04	1.471e+04
183	8	7.544e+04	3.051e+04	0.05	-105.34	0.0	-6054.41	-314.27	-99.60	-3497.81	3.051e+04	7.544e+04
		2.158e+04	1.589e+04	9.56e-03	0.0	146.8	-6078.33	-419.61	-99.60	-3497.81	1.589e+04	2.158e+04
183	18	2.260e+04	4.460e+04	0.04	-105.34	0.0	-5088.84	-424.92	-250.32	-2535.40	4.460e+04	2.260e+04
		-5.662e+04	7412.56	0.06	0.0	146.8	-5112.76	-530.26	-250.32	-2535.40	7412.56	-5.662e+04
183	20	1.003e+05	3.107e+04	0.04	-105.34	0.0	-4683.09	-48.35	-68.13	-2103.10	3.107e+04	1.003e+05
		7.629e+04	2.770e+04	0.05	0.0	146.8	-4707.01	-153.69	-68.13	-2103.10	2.770e+04	7.629e+04
183	21	9.266e+04	1.653e+04	0.03	-105.34	0.0	-4587.06	-6.84	95.89	-2594.79	2002.68	9.053e+04
		9.053e+04	2002.68	-0.05	0.0	146.8	-4610.98	-112.18	95.89	-2594.79	1.653e+04	9.092e+04
183	26	6.346e+04	7.403e+04	0.04	-105.34	0.0	-5028.07	-329.27	-373.73	-1821.37	7.403e+04	6.346e+04
		-2.308e+04	2.756e+04	0.17	0.0	146.8	-5051.99	-434.61	-373.73	-1821.37	2.756e+04	-2.308e+04
183	29	5.738e+04	-3623.73	0.04	-105.34	0.0	-4647.83	-102.49	219.30	-3308.82	-2.743e+04	4.967e+04
		4.967e+04	-2.743e+04	-0.15	0.0	146.8	-4671.75	-207.83	219.30	-3308.82	-3623.73	5.738e+04
183	50	2.260e+04	4.460e+04	0.04	-105.34	0.0	-5088.84	-424.92	-250.32	-2535.40	4.460e+04	2.260e+04
		-5.662e+04	7412.56	0.06	0.0	146.8	-5112.76	-530.26	-250.32	-2535.40	7412.56	-5.662e+04
183	52	1.003e+05	3.107e+04	0.04	-105.34	0.0	-4683.09	-48.35	-68.13	-2103.10	3.107e+04	1.003e+05
		7.629e+04	2.770e+04	0.05	0.0	146.8	-4707.01	-153.69	-68.13	-2103.10	2.770e+04	7.629e+04
183	53	9.266e+04	1.653e+04	0.03	-105.34	0.0	-4587.06	-6.84	95.89	-2594.79	2002.68	9.053e+04
		9.053e+04	2002.68	-0.05	0.0	146.8	-4610.98	-112.18	95.89	-2594.79	1.653e+04	9.092e+04
183	58	6.346e+04	7.403e+04	0.04	-105.34	0.0	-5028.07	-329.27	-373.73	-1821.37	7.403e+04	6.346e+04
		-2.308e+04	2.756e+04	0.17	0.0	146.8	-5051.99	-434.61	-373.73	-1821.37	2.756e+04	-2.308e+04
183	61	5.738e+04	-3623.73	0.04	-105.34	0.0	-4647.83	-102.49	219.30	-3308.82	-2.743e+04	4.967e+04
		4.967e+04	-2.743e+04	-0.15	0.0	146.8	-4671.75	-207.83	219.30	-3308.82	-3623.73	5.738e+04
183	74	5.656e+04	2.330e+04	0.04	-105.34	0.0	-4837.95	-215.88	-77.21	-2565.10	2.330e+04	5.656e+04
		1.715e+04	1.197e+04	8.55e-03	0.0	146.8	-4861.87	-321.22	-77.21	-2565.10	1.197e+04	1.715e+04
183	75	5.656e+04	2.330e+04	0.04	-105.34	0.0	-4837.95	-215.88	-77.21	-2565.10	2.330e+04	5.656e+04
		1.715e+04	1.197e+04	8.55e-03	0.0	146.8	-4861.87	-321.22	-77.21	-2565.10	1.197e+04	1.715e+04
183	76	5.656e+04	2.330e+04	0.04	-105.34	0.0	-4837.95	-215.88	-77.21	-2565.10	2.330e+04	5.656e+04
		1.715e+04	1.197e+04	8.55e-03	0.0	146.8	-4861.87	-321.22	-77.21	-2565.10	1.197e+04	1.715e+04
184	2	6.262e+04	4159.19	-0.54	-1870.69	0.0	-15.74	792.27	-13.28	-231.97	4159.19	-6089.40
		-6.475e+04	-1287.09	-0.03	0.0	410.0	-15.74	-1078.42	-13.28	-231.97	-1287.09	-6.475e+04
184	3	1.109e+05	8059.82	-0.97	-3312.11	0.0	-30.44	1405.31	-26.85	-421.17	8059.82	-1.118e+04
		-1.140e+05	-2949.32	-0.06	0.0	410.0	-30.44	-1906.80	-26.85	-421.17	-2949.32	-1.140e+05
184	7	6.266e+04	4232.73	-0.55	-1870.69	0.0	-16.13	792.76	-13.63	-235.41	4232.73	-6138.04
		-6.460e+04	-1354.59	-0.03	0.0	410.0	-16.13	-1077.93	-13.63	-235.41	-1354.59	-6.460e+04
184	8	8.233e+04	5973.73	-0.72	-2457.50	0.0	-22.60	1042.79	-19.89	-313.56	5973.73	-8290.33
		-8.454e+04	-2180.37	-0.04	0.0	410.0	-22.60	-1414.71	-19.89	-313.56	-2180.37	-8.454e+04
184	26	6.460e+04	1.048e+04	-0.56	-1870.69	0.0	33.54	762.28	44.29	-269.62	-7673.15	1292.79
		-6.972e+04	-7673.15	-0.03	0.0	410.0	33.54	-1108.41	44.29	-269.62	1.048e+04	-6.972e+04
184	29	6.090e+04	1.650e+04	-0.55	-1870.69	0.0	-67.56	825.53	-73.25	-216.96	1.650e+04	-1.380e+04
		-5.876e+04	-1.353e+04	-0.06	0.0	410.0	-67.56	-1045.16	-73.25	-216.96	-1.353e+04	-5.876e+04
184	32	6.493e+04	1.349e+04	-0.57	-1870.69	0.0	26.04	762.27	59.08	-246.19	-1.073e+04	1362.85
		-6.906e+04	-1.073e+04	-0.04	0.0	410.0	26.04	-1108.42	59.08	-246.19	1.349e+04	-6.906e+04
184	34	6.441e+04	1.342e+04	-0.56	-1870.69	0.0	12.60	762.17	58.72	-269.24	-1.066e+04	1131.08
		-6.994e+04	-1.066e+04	-0.09	0.0	410.0	12.60	-1108.52	58.72	-269.24	1.342e+04	-6.994e+04
184	35	6.098e+04	2.291e+04	-0.54	-1870.69	0.0	-38.14	823.13	-104.21	-241.98	2.291e+04	-1.326e+04
		-5.928e+04	-1.982e+04	-0.06	0.0	410.0	-38.14	-1047.56	-104.21	-241.98	-1.982e+04	-5.928e+04
184	58	6.460e+04	1.048e+04	-0.56	-1870.69	0.0	33.54	762.28	44.29	-269.62	-7673.15	1292.79

		-6.972e+04	-7673.15	-0.03	0.0	410.0	33.54	-1108.41	44.29	-269.62	1.048e+04	-6.972e+04
184	61	6.090e+04	1.650e+04	-0.55	-1870.69	0.0	-67.56	825.53	-73.25	-216.96	1.650e+04	-1.380e+04
		-5.876e+04	-1.353e+04	-0.06	0.0	410.0	-67.56	-1045.16	-73.25	-216.96	-1.353e+04	-5.876e+04
184	64	6.493e+04	1.349e+04	-0.57	-1870.69	0.0	26.04	762.27	59.08	-246.19	-1.073e+04	1362.85
		-6.906e+04	-1.073e+04	-0.04	0.0	410.0	26.04	-1108.42	59.08	-246.19	1.349e+04	-6.906e+04
184	66	6.441e+04	1.342e+04	-0.56	-1870.69	0.0	12.60	762.17	58.72	-269.24	-1.066e+04	1131.08
		-6.994e+04	-1.066e+04	-0.09	0.0	410.0	12.60	-1108.52	58.72	-269.24	1.342e+04	-6.994e+04
184	67	6.098e+04	2.291e+04	-0.54	-1870.69	0.0	-38.14	823.13	-104.21	-241.98	2.291e+04	-1.326e+04
		-5.928e+04	-1.982e+04	-0.06	0.0	410.0	-38.14	-1047.56	-104.21	-241.98	-1.982e+04	-5.928e+04
184	74	6.275e+04	4415.26	-0.55	-1870.69	0.0	-17.01	793.90	-14.48	-243.29	4415.26	-6253.61
		-6.424e+04	-1522.92	-0.03	0.0	410.0	-17.01	-1076.79	-14.48	-243.29	-1522.92	-6.424e+04
184	75	6.275e+04	4415.26	-0.55	-1870.69	0.0	-17.01	793.90	-14.48	-243.29	4415.26	-6253.61
		-6.424e+04	-1522.92	-0.03	0.0	410.0	-17.01	-1076.79	-14.48	-243.29	-1522.92	-6.424e+04
184	76	6.275e+04	4415.26	-0.55	-1870.69	0.0	-17.01	793.90	-14.48	-243.29	4415.26	-6253.61
		-6.424e+04	-1522.92	-0.03	0.0	410.0	-17.01	-1076.79	-14.48	-243.29	-1522.92	-6.424e+04
185	2	3.136e+04	2076.84	-0.17	-1847.88	0.0	-35.10	941.58	10.47	-42.48	-2165.14	-5.861e+04
		-6.576e+04	-2165.14	-0.03	0.0	405.0	-35.10	-906.29	10.47	-42.48	2076.84	-5.861e+04
185	3	5.575e+04	3025.17	-0.30	-3271.72	0.0	-66.53	1666.21	15.27	-79.10	-3158.24	-1.160e+05
		-1.160e+05	-3158.24	-0.05	0.0	405.0	-66.53	-1605.52	15.27	-79.10	3025.17	-1.037e+05
185	7	3.142e+04	2032.62	-0.17	-1847.88	0.0	-35.78	941.31	10.24	-43.66	-2115.82	-6.565e+04
		-6.565e+04	-2115.82	-0.03	0.0	405.0	-35.78	-906.57	10.24	-43.66	2032.62	-5.861e+04
185	8	4.138e+04	2264.90	-0.22	-2427.53	0.0	-49.41	1236.21	11.43	-59.04	-2362.36	-8.606e+04
		-8.606e+04	-2362.36	-0.04	0.0	405.0	-49.41	-1191.32	11.43	-59.04	2264.90	-7.696e+04
185	17	3.254e+04	9664.09	-0.19	-1847.88	0.0	-56.89	944.53	-47.80	-23.56	9664.09	-6.626e+04
		-6.626e+04	-9696.58	0.05	0.0	405.0	-56.89	-903.35	-47.80	-23.56	-9696.58	-5.575e+04
185	26	3.120e+04	1.764e+04	-0.17	-1847.88	0.0	-11.42	917.66	87.33	-41.23	-1.773e+04	-6.072e+04
		-6.397e+04	-1.773e+04	-0.06	0.0	405.0	-11.42	-930.22	87.33	-41.23	1.764e+04	-6.397e+04
185	29	3.190e+04	1.374e+04	-0.18	-1847.88	0.0	-63.31	963.76	-68.01	-51.52	1.374e+04	-7.006e+04
		-7.006e+04	-1.380e+04	-0.04	0.0	405.0	-63.31	-884.12	-68.01	-51.52	-1.380e+04	-5.323e+04
185	34	3.116e+04	2.079e+04	-0.17	-1847.88	0.0	-21.69	916.95	102.87	-62.63	-2.087e+04	-6.061e+04
		-6.416e+04	-2.087e+04	-0.13	0.0	405.0	-21.69	-930.93	102.87	-62.63	2.079e+04	-6.416e+04
185	39	3.168e+04	1.635e+04	-0.17	-1847.88	0.0	-44.06	966.68	-80.90	-41.73	1.635e+04	-7.059e+04
		-7.059e+04	-1.641e+04	0.07	0.0	405.0	-44.06	-881.20	-80.90	-41.73	-1.641e+04	-5.316e+04
185	49	3.254e+04	9664.09	-0.19	-1847.88	0.0	-56.89	944.53	-47.80	-23.56	9664.09	-6.626e+04
		-6.626e+04	-9696.58	0.05	0.0	405.0	-56.89	-903.35	-47.80	-23.56	-9696.58	-5.575e+04
185	58	3.120e+04	1.764e+04	-0.17	-1847.88	0.0	-11.42	917.66	87.33	-41.23	-1.773e+04	-6.072e+04
		-6.397e+04	-1.773e+04	-0.06	0.0	405.0	-11.42	-930.22	87.33	-41.23	1.764e+04	-6.397e+04
185	61	3.190e+04	1.374e+04	-0.18	-1847.88	0.0	-63.31	963.76	-68.01	-51.52	1.374e+04	-7.006e+04
		-7.006e+04	-1.380e+04	-0.04	0.0	405.0	-63.31	-884.12	-68.01	-51.52	-1.380e+04	-5.323e+04
185	66	3.116e+04	2.079e+04	-0.17	-1847.88	0.0	-21.69	916.95	102.87	-62.63	-2.087e+04	-6.061e+04
		-6.416e+04	-2.087e+04	-0.13	0.0	405.0	-21.69	-930.93	102.87	-62.63	2.079e+04	-6.416e+04
185	71	3.168e+04	1.635e+04	-0.17	-1847.88	0.0	-44.06	966.68	-80.90	-41.73	1.635e+04	-7.059e+04
		-7.059e+04	-1.641e+04	0.07	0.0	405.0	-44.06	-881.20	-80.90	-41.73	-1.641e+04	-5.316e+04
185	74	3.155e+04	1920.39	-0.17	-1847.88	0.0	-37.37	940.71	9.66	-46.37	-1991.27	-6.539e+04
		-6.539e+04	-1991.27	-0.03	0.0	405.0	-37.37	-907.17	9.66	-46.37	1920.39	-5.860e+04
185	75	3.155e+04	1920.39	-0.17	-1847.88	0.0	-37.37	940.71	9.66	-46.37	-1991.27	-6.539e+04
		-6.539e+04	-1991.27	-0.03	0.0	405.0	-37.37	-907.17	9.66	-46.37	1920.39	-5.860e+04
185	76	3.155e+04	1920.39	-0.17	-1847.88	0.0	-37.37	940.71	9.66	-46.37	-1991.27	-6.539e+04
		-6.539e+04	-1991.27	-0.03	0.0	405.0	-37.37	-907.17	9.66	-46.37	1920.39	-5.860e+04
186	2	3.510e+04	3553.39	-0.12	-1847.88	0.0	-38.29	921.53	16.68	0.86	-3203.20	-5.796e+04
		-5.894e+04	-3203.20	-0.05	0.0	405.0	-38.29	-926.35	16.68	0.86	3553.39	-5.894e+04
186	3	6.220e+04	5621.58	-0.22	-3271.72	0.0	-72.41	1632.73	26.20	6.99	-4990.90	-1.028e+05
		-1.041e+05	-4990.90	-0.09	0.0	405.0	-72.41	-1639.00	26.20	6.99	5621.58	-1.041e+05
186	7	3.510e+04	3523.39	-0.12	-1847.88	0.0	-39.01	921.60	16.53	1.65	-3172.39	-5.797e+04
		-5.892e+04	-3172.39	-0.05	0.0	405.0	-39.01	-926.28	16.53	1.65	3523.39	-5.892e+04
186	8	4.615e+04	4202.15	-0.16	-2427.53	0.0	-53.78	1211.40	19.60	5.16	-3734.06	-7.626e+04
		-7.722e+04	-3734.06	-0.06	0.0	405.0	-53.78	-1216.13	19.60	5.16	4202.15	-7.722e+04
186	18	3.639e+04	1.356e+04	-0.12	-1847.88	0.0	-24.14	909.01	66.27	-15.30	-1.329e+04	-5.544e+04
		-5.887e+04	-1.329e+04	-0.11	0.0	405.0	-24.14	-938.86	66.27	-15.30	1.356e+04	-5.887e+04
186	22	3.639e+04	1.434e+04	-0.12	-1847.88	0.0	-23.59	908.91	70.15	-15.36	-1.407e+04	-5.543e+04
		-5.889e+04	-1.407e+04	-0.11	0.0	405.0	-23.59	-938.97	70.15	-15.36	1.434e+04	-5.889e+04
186	25	3.385e+04	7879.59	-0.13	-1847.88	0.0	-57.80	934.64	-37.84	22.12	7879.59	-6.055e+04
		-6.055e+04	-7447.46	-0.02	0.0	405.0	-57.80	-913.24	-37.84	22.12	-7447.46	-5.884e+04
186	34	3.506e+04	2.236e+04	-0.12	-1847.88	0.0	-30.30	895.44	109.55	1.79	-2.201e+04	-5.265e+04
		-6.432e+04	-2.201e+04	-0.13	0.0	405.0	-30.30	-952.44	109.55	1.79	2.236e+04	-6.432e+04
186	40	3.474e+04	1.811e+04	-0.13	-1847.88	0.0	-39.52	898.59	88.49	-1.69	-1.772e+04	-5.327e+04
		-6.434e+04	-1.772e+04	-0.09	0.0	405.0	-39.52	-949.29	88.49	-1.69	1.811e+04	-6.434e+04
186	50	3.639e+04	1.356e+04	-0.12	-1847.88	0.0	-24.14	909.01	66.27	-15.30	-1.329e+04	-5.544e+04
		-5.887e+04	-1.329e+04	-0.11	0.0	405.0	-24.14	-938.86	66.27	-15.30	1.356e+04	-5.887e+04
186	54	3.639e+04	1.434e+04	-0.12	-1847.88	0.0	-23.59	908.91	70.15	-15.36	-1.407e+04	-5.543e+04
		-5.889e+04	-1.407e+04	-0.11	0.0	405.0	-23.59	-938.97	70.15	-15.36	1.434e+04	-5.889e+04
186	57	3.385e+04	7879.59	-0.13	-1847.88	0.0	-57.80	934.64	-37.84	22.12	7879.59	-6.055e+04
		-6.055e+04	-7447.46	-0.02	0.0	405.0	-57.80	-913.24	-37.84	22.12	-7447.46	-5.884e+04
186	66	3.506e+04	2.236e+04	-0.12	-1847.88	0.0	-30.30	895.44	109.55	1.79	-2.201e+04	-5.265e+04
		-6.432e+04	-2.201e+04	-0.13	0.0	405.0	-30.30	-952.44	109.55	1.79	2.236e+04	-6.432e+04
186	72	3.474e+04	1.811e+04	-0.13	-1847.88	0.0	-39.52	898.59	88.49	-1.69	-1.772e+04	-5.327e+04
		-6.434e+04	-1.772e+04	-0.09	0.0	405.0	-39.52	-949.29	88.49	-1.69	1.811e+04	-6.434e+04

186	74	3.512e+04	3447.63	-0.12	-1847.88	0.0	-40.70	921.77	16.15	3.38	-3093.68	-5.799e+04
		-5.887e+04	-3093.68	-0.05	0.0	405.0	-40.70	-926.10	16.15	3.38	3447.63	-5.887e+04
186	75	3.512e+04	3447.63	-0.12	-1847.88	0.0	-40.70	921.77	16.15	3.38	-3093.68	-5.799e+04
		-5.887e+04	-3093.68	-0.05	0.0	405.0	-40.70	-926.10	16.15	3.38	3447.63	-5.887e+04
186	76	3.512e+04	3447.63	-0.12	-1847.88	0.0	-40.70	921.77	16.15	3.38	-3093.68	-5.799e+04
		-5.887e+04	-3093.68	-0.05	0.0	405.0	-40.70	-926.10	16.15	3.38	3447.63	-5.887e+04
187	2	2.963e+04	2835.47	0.14	-1847.88	0.0	-33.67	892.01	14.43	26.60	-3006.94	-5.745e+04
		-7.038e+04	-3006.94	-0.03	0.0	405.0	-33.67	-955.87	14.43	26.60	2835.47	-7.038e+04
187	3	5.262e+04	4127.15	0.26	-3271.72	0.0	-63.39	1579.49	21.06	62.67	-4402.01	-1.016e+05
		-1.244e+05	-4402.01	-0.05	0.0	405.0	-63.39	-1692.23	21.06	62.67	4127.15	-1.244e+05
187	7	2.964e+04	2770.45	0.14	-1847.88	0.0	-34.23	891.93	14.10	29.11	-2939.43	-5.743e+04
		-7.039e+04	-2939.43	-0.03	0.0	405.0	-34.23	-955.94	14.10	29.11	2770.45	-7.039e+04
187	8	3.904e+04	3090.36	0.19	-2427.53	0.0	-47.05	1171.87	15.77	46.66	-3294.77	-7.537e+04
		-9.234e+04	-3294.77	-0.04	0.0	405.0	-47.05	-1255.66	15.77	46.66	3090.36	-9.234e+04
187	24	3.069e+04	1029.04	0.13	-1847.88	0.0	-53.79	895.99	-5.18	6.32	1029.04	-5.729e+04
		-6.843e+04	-1069.00	0.06	0.0	405.0	-53.79	-951.88	-5.18	6.32	-1069.00	-6.843e+04
187	30	2.946e+04	1.906e+04	0.15	-1847.88	0.0	-55.58	864.50	94.59	33.47	-1.925e+04	-5.203e+04
		-7.624e+04	-1.925e+04	-0.09	0.0	405.0	-55.58	-983.38	94.59	33.47	1.906e+04	-7.624e+04
187	31	2.928e+04	8572.41	0.15	-1847.88	0.0	-7.39	912.15	-42.82	51.94	8572.41	-6.189e+04
		-6.666e+04	-8771.33	-0.05	0.0	405.0	-7.39	-935.72	-42.82	51.94	-8771.33	-6.666e+04
187	32	3.001e+04	1.400e+04	0.14	-1847.88	0.0	-63.65	871.29	69.43	17.71	-1.412e+04	-5.287e+04
		-7.420e+04	-1.412e+04	-0.04	0.0	405.0	-63.65	-976.59	69.43	17.71	1.400e+04	-7.420e+04
187	34	2.965e+04	2.114e+04	0.15	-1847.88	0.0	-48.37	865.61	104.69	35.39	-2.126e+04	-5.202e+04
		-7.583e+04	-2.126e+04	-0.08	0.0	405.0	-48.37	-982.27	104.69	35.39	2.114e+04	-7.583e+04
187	56	3.069e+04	1029.04	0.13	-1847.88	0.0	-53.79	895.99	-5.18	6.32	1029.04	-5.729e+04
		-6.843e+04	-1069.00	0.06	0.0	405.0	-53.79	-951.88	-5.18	6.32	-1069.00	-6.843e+04
187	62	2.946e+04	1.906e+04	0.15	-1847.88	0.0	-55.58	864.50	94.59	33.47	-1.925e+04	-5.203e+04
		-7.624e+04	-1.925e+04	-0.09	0.0	405.0	-55.58	-983.38	94.59	33.47	1.906e+04	-7.624e+04
187	63	2.928e+04	8572.41	0.15	-1847.88	0.0	-7.39	912.15	-42.82	51.94	8572.41	-6.189e+04
		-6.666e+04	-8771.33	-0.05	0.0	405.0	-7.39	-935.72	-42.82	51.94	-8771.33	-6.666e+04
187	64	3.001e+04	1.400e+04	0.14	-1847.88	0.0	-63.65	871.29	69.43	17.71	-1.412e+04	-5.287e+04
		-7.420e+04	-1.412e+04	-0.04	0.0	405.0	-63.65	-976.59	69.43	17.71	1.400e+04	-7.420e+04
187	66	2.965e+04	2.114e+04	0.15	-1847.88	0.0	-48.37	865.61	104.69	35.39	-2.126e+04	-5.202e+04
		-7.583e+04	-2.126e+04	-0.08	0.0	405.0	-48.37	-982.27	104.69	35.39	2.114e+04	-7.583e+04
187	74	2.965e+04	2612.27	0.14	-1847.88	0.0	-35.52	891.72	13.30	34.82	-2774.78	-5.738e+04
		-7.043e+04	-2774.78	-0.03	0.0	405.0	-35.52	-956.16	13.30	34.82	2612.27	-7.043e+04
187	75	2.965e+04	2612.27	0.14	-1847.88	0.0	-35.52	891.72	13.30	34.82	-2774.78	-5.738e+04
		-7.043e+04	-2774.78	-0.03	0.0	405.0	-35.52	-956.16	13.30	34.82	2612.27	-7.043e+04
187	76	2.965e+04	2612.27	0.14	-1847.88	0.0	-35.52	891.72	13.30	34.82	-2774.78	-5.738e+04
		-7.043e+04	-2774.78	-0.03	0.0	405.0	-35.52	-956.16	13.30	34.82	2612.27	-7.043e+04
188	1	7.955e+04	6295.03	0.52	-2431.86	0.0	-20.40	1415.43	21.90	243.98	-2682.82	-8.914e+04
		-8.914e+04	-2682.82	0.06	0.0	410.0	-20.40	-1016.43	21.90	243.98	6295.03	-7345.70
188	2	6.120e+04	4921.45	0.40	-1870.66	0.0	-15.54	1088.75	17.23	186.18	-2142.00	-6.856e+04
		-6.856e+04	-2142.00	0.04	0.0	410.0	-15.54	-781.91	17.23	186.18	4921.45	-5654.57
188	3	1.083e+05	7206.43	0.72	-3312.07	0.0	-29.34	1927.99	23.20	347.81	-2303.75	-1.215e+05
		-1.215e+05	-2303.75	0.10	0.0	410.0	-29.34	-1384.07	23.20	347.81	7206.43	-1.000e+04
188	7	6.119e+04	4749.44	0.40	-1870.66	0.0	-15.81	1088.84	16.39	189.41	-1971.87	-6.858e+04
		-6.858e+04	-1971.87	0.05	0.0	410.0	-15.81	-781.82	16.39	189.41	4749.44	-5645.03
188	8	8.036e+04	5357.03	0.53	-2457.47	0.0	-21.77	1430.55	17.26	258.63	-1719.15	-9.016e+04
		-9.016e+04	-1719.15	0.07	0.0	410.0	-21.77	-1026.91	17.26	258.63	5357.03	-7416.22
188	31	6.274e+04	9712.37	0.43	-1870.66	0.0	34.11	1121.59	-40.87	217.23	9712.37	-7.456e+04
		-7.456e+04	-7044.02	0.04	0.0	410.0	34.11	-749.07	-40.87	217.23	-7044.02	1320.62
188	32	5.985e+04	1.571e+04	0.37	-1870.66	0.0	-66.97	1056.56	69.60	177.25	-1.283e+04	-6.274e+04
		-6.274e+04	-1.283e+04	0.06	0.0	410.0	-66.97	-814.11	69.60	177.25	1.571e+04	-1.256e+04
188	33	6.368e+04	1.433e+04	0.45	-1870.66	0.0	28.93	1117.71	-63.49	207.32	1.433e+04	-7.331e+04
		-7.331e+04	-1.170e+04	0.09	0.0	410.0	28.93	-752.95	-63.49	207.32	-1.170e+04	2069.70
188	38	5.919e+04	2.217e+04	0.33	-1870.66	0.0	-42.16	1060.08	100.92	187.05	-1.921e+04	-6.359e+04
		-6.359e+04	-1.921e+04	0.04	0.0	410.0	-42.16	-810.58	100.92	187.05	2.217e+04	-1.309e+04
188	39	6.245e+04	1.147e+04	0.44	-1870.66	0.0	14.48	1121.94	-49.57	217.33	1.147e+04	-7.498e+04
		-7.498e+04	-8849.40	0.03	0.0	410.0	14.48	-748.72	-49.57	217.33	-8849.40	1098.81
188	63	6.274e+04	9712.37	0.43	-1870.66	0.0	34.11	1121.59	-40.87	217.23	9712.37	-7.456e+04
		-7.456e+04	-7044.02	0.04	0.0	410.0	34.11	-749.07	-40.87	217.23	-7044.02	1320.62
188	64	5.985e+04	1.571e+04	0.37	-1870.66	0.0	-66.97	1056.56	69.60	177.25	-1.283e+04	-6.274e+04
		-6.274e+04	-1.283e+04	0.06	0.0	410.0	-66.97	-814.11	69.60	177.25	1.571e+04	-1.256e+04
188	65	6.368e+04	1.433e+04	0.45	-1870.66	0.0	28.93	1117.71	-63.49	207.32	1.433e+04	-7.331e+04
		-7.331e+04	-1.170e+04	0.09	0.0	410.0	28.93	-752.95	-63.49	207.32	-1.170e+04	2069.70
188	70	5.919e+04	2.217e+04	0.33	-1870.66	0.0	-42.16	1060.08	100.92	187.05	-1.921e+04	-6.359e+04
		-6.359e+04	-1.921e+04	0.04	0.0	410.0	-42.16	-810.58	100.92	187.05	2.217e+04	-1.309e+04
188	71	6.245e+04	1.147e+04	0.44	-1870.66	0.0	14.48	1121.94	-49.57	217.33	1.147e+04	-7.498e+04
		-7.498e+04	-8849.40	0.03	0.0	410.0	14.48	-748.72	-49.57	217.33	-8849.40	1098.81
188	74	6.117e+04	4331.19	0.40	-1870.66	0.0	-16.43	1089.07	14.36	197.24	-1558.25	-6.865e+04
		-6.865e+04	-1558.25	0.05	0.0	410.0	-16.43	-781.59	14.36	197.24	4331.19	-5621.19
188	75	6.117e+04	4331.19	0.40	-1870.66	0.0	-16.43	1089.07	14.36	197.24	-1558.25	-6.865e+04
		-6.865e+04	-1558.25	0.05	0.0	410.0	-16.43	-781.59	14.36	197.24	4331.19	-5621.19
188	76	6.117e+04	4331.19	0.40	-1870.66	0.0	-16.43	1089.07	14.36	197.24	-1558.25	-6.865e+04
		-6.865e+04	-1558.25	0.05	0.0	410.0	-16.43	-781.59	14.36	197.24	4331.19	-5621.19
189	3	1.058e+05	1.522e+04	0.49	-3382.26	0.0	67.01	1969.26	54.29	572.74	-7039.84	-1.290e+05

		-1.290e+05	-7039.84	0.05	0.0	410.0	67.01	-1413.00	54.29	572.74	1.522e+04	-1.494e+04
189	6	6.021e+04	8852.68	0.27	-1924.66	0.0	38.49	1121.14	31.84	327.39	-4200.39	-7.351e+04
		-7.351e+04	-4200.39	-0.03	0.0	410.0	38.49	-803.52	31.84	327.39	8852.68	-8401.49
189	8	7.856e+04	1.131e+04	0.36	-2511.46	0.0	49.77	1462.36	40.35	425.97	-5235.78	-9.579e+04
		-9.579e+04	-5235.78	0.04	0.0	410.0	49.77	-1049.11	40.35	425.97	1.131e+04	-1.107e+04
189	9	6.021e+04	8886.22	0.27	-1924.66	0.0	38.56	1121.08	32.00	326.47	-4233.19	-7.350e+04
		-7.350e+04	-4233.19	-0.03	0.0	410.0	38.56	-803.58	32.00	326.47	8886.22	-8410.95
189	27	6.228e+04	1.633e+04	0.30	-1924.66	0.0	77.92	1165.60	-68.85	336.44	1.633e+04	-8.294e+04
		-8.294e+04	-1.189e+04	-0.05	0.0	410.0	77.92	-759.06	-68.85	336.44	-1.189e+04	1458.04
189	29	6.336e+04	1.979e+04	0.32	-1924.66	0.0	89.54	1170.44	-85.89	355.76	1.979e+04	-8.182e+04
		-8.182e+04	-1.542e+04	-0.06	0.0	410.0	89.54	-754.22	-85.89	355.76	-1.542e+04	2508.84
189	30	5.777e+04	3.355e+04	0.22	-1924.66	0.0	-12.78	1076.06	151.68	294.36	-2.863e+04	-6.510e+04
		-6.510e+04	-2.863e+04	-0.10	0.0	410.0	-12.78	-848.60	151.68	294.36	3.355e+04	-1.928e+04
189	33	6.330e+04	2.017e+04	0.32	-1924.66	0.0	89.91	1166.10	-87.68	358.59	2.017e+04	-8.189e+04
		-8.189e+04	-1.578e+04	0.06	0.0	410.0	89.91	-758.56	-87.68	358.59	-1.578e+04	2456.60
189	38	5.818e+04	3.401e+04	0.21	-1924.66	0.0	-0.34	1079.64	153.77	289.72	-2.903e+04	-6.550e+04
		-6.550e+04	-2.903e+04	-0.09	0.0	410.0	-0.34	-845.02	153.77	289.72	3.401e+04	-1.824e+04
189	59	6.228e+04	1.633e+04	0.30	-1924.66	0.0	77.92	1165.60	-68.85	336.44	1.633e+04	-8.294e+04
		-8.294e+04	-1.189e+04	-0.05	0.0	410.0	77.92	-759.06	-68.85	336.44	-1.189e+04	1458.04
189	61	6.336e+04	1.979e+04	0.32	-1924.66	0.0	89.54	1170.44	-85.89	355.76	1.979e+04	-8.182e+04
		-8.182e+04	-1.542e+04	-0.06	0.0	410.0	89.54	-754.22	-85.89	355.76	-1.542e+04	2508.84
189	62	5.777e+04	3.355e+04	0.22	-1924.66	0.0	-12.78	1076.06	151.68	294.36	-2.863e+04	-6.510e+04
		-6.510e+04	-2.863e+04	-0.10	0.0	410.0	-12.78	-848.60	151.68	294.36	3.355e+04	-1.928e+04
189	65	6.330e+04	2.017e+04	0.32	-1924.66	0.0	89.91	1166.10	-87.68	358.59	2.017e+04	-8.189e+04
		-8.189e+04	-1.578e+04	0.06	0.0	410.0	89.91	-758.56	-87.68	358.59	-1.578e+04	2456.60
189	70	5.818e+04	3.401e+04	0.21	-1924.66	0.0	-0.34	1079.64	153.77	289.72	-2.903e+04	-6.550e+04
		-6.550e+04	-2.903e+04	-0.09	0.0	410.0	-0.34	-845.02	153.77	289.72	3.401e+04	-1.824e+04
189	74	6.021e+04	8886.22	0.27	-1924.66	0.0	38.56	1121.08	32.00	326.47	-4233.19	-7.350e+04
		-7.350e+04	-4233.19	-0.03	0.0	410.0	38.56	-803.58	32.00	326.47	8886.22	-8410.95
189	75	6.021e+04	8886.22	0.27	-1924.66	0.0	38.56	1121.08	32.00	326.47	-4233.19	-7.350e+04
		-7.350e+04	-4233.19	-0.03	0.0	410.0	38.56	-803.58	32.00	326.47	8886.22	-8410.95
189	76	6.021e+04	8886.22	0.27	-1924.66	0.0	38.56	1121.08	32.00	326.47	-4233.19	-7.350e+04
		-7.350e+04	-4233.19	-0.03	0.0	410.0	38.56	-803.58	32.00	326.47	8886.22	-8410.95
190	2	2.925e+04	3126.05	0.12	-1901.22	0.0	-29.53	907.84	16.51	68.68	-3560.48	-5.834e+04
		-7.566e+04	-3560.48	-0.04	0.0	405.0	-29.53	-993.38	16.51	68.68	3126.05	-7.566e+04
190	3	5.155e+04	4764.41	0.21	-3341.06	0.0	-52.84	1596.68	25.33	143.10	-5492.49	-1.026e+05
		-1.325e+05	-5492.49	-0.06	0.0	405.0	-52.84	-1744.39	25.33	143.10	4764.41	-1.325e+05
190	7	2.924e+04	3072.54	0.12	-1901.22	0.0	-30.17	907.87	16.25	72.70	-3506.78	-5.835e+04
		-7.566e+04	-3506.78	-0.04	0.0	405.0	-30.17	-993.35	16.25	72.70	3072.54	-7.566e+04
190	8	3.827e+04	3561.61	0.16	-2480.87	0.0	-39.53	1185.49	18.93	106.67	-4104.44	-7.620e+04
		-9.846e+04	-4104.44	-0.05	0.0	405.0	-39.53	-1295.38	18.93	106.67	3561.61	-9.846e+04
190	24	3.018e+04	2055.08	0.11	-1901.22	0.0	-24.88	909.59	10.77	67.31	-2306.09	-5.782e+04
		-7.432e+04	-2306.09	0.05	0.0	405.0	-24.88	-991.63	10.77	67.31	2055.08	-7.432e+04
190	26	2.996e+04	2.817e+04	0.12	-1901.22	0.0	-58.42	861.90	140.10	74.14	-2.857e+04	-4.903e+04
		-8.504e+04	-2.857e+04	-0.11	0.0	405.0	-58.42	-1039.32	140.10	74.14	2.817e+04	-8.504e+04
190	29	2.922e+04	2.181e+04	0.11	-1901.22	0.0	-4.97	953.89	-108.88	89.50	2.181e+04	-6.773e+04
		-6.773e+04	-2.228e+04	-0.05	0.0	405.0	-4.97	-947.32	-108.88	89.50	-2.228e+04	-6.632e+04
190	30	2.982e+04	2.808e+04	0.12	-1901.22	0.0	-58.04	861.29	139.76	74.24	-2.853e+04	-4.907e+04
		-8.531e+04	-2.853e+04	-0.12	0.0	405.0	-58.04	-1039.93	139.76	74.24	2.808e+04	-8.531e+04
190	34	2.993e+04	2.859e+04	0.12	-1901.22	0.0	-52.29	864.48	142.09	74.78	-2.896e+04	-4.951e+04
		-8.450e+04	-2.896e+04	-0.10	0.0	405.0	-52.29	-1036.74	142.09	74.78	2.859e+04	-8.450e+04
190	56	3.018e+04	2055.08	0.11	-1901.22	0.0	-24.88	909.59	10.77	67.31	-2306.09	-5.782e+04
		-7.432e+04	-2306.09	0.05	0.0	405.0	-24.88	-991.63	10.77	67.31	2055.08	-7.432e+04
190	58	2.996e+04	2.817e+04	0.12	-1901.22	0.0	-58.42	861.90	140.10	74.14	-2.857e+04	-4.903e+04
		-8.504e+04	-2.857e+04	-0.11	0.0	405.0	-58.42	-1039.32	140.10	74.14	2.817e+04	-8.504e+04
190	61	2.922e+04	2.181e+04	0.11	-1901.22	0.0	-4.97	953.89	-108.88	89.50	2.181e+04	-6.773e+04
		-6.773e+04	-2.228e+04	-0.05	0.0	405.0	-4.97	-947.32	-108.88	89.50	-2.228e+04	-6.632e+04
190	62	2.982e+04	2.808e+04	0.12	-1901.22	0.0	-58.04	861.29	139.76	74.24	-2.853e+04	-4.907e+04
		-8.531e+04	-2.853e+04	-0.12	0.0	405.0	-58.04	-1039.93	139.76	74.24	2.808e+04	-8.531e+04
190	66	2.993e+04	2.859e+04	0.12	-1901.22	0.0	-52.29	864.48	142.09	74.78	-2.896e+04	-4.951e+04
		-8.450e+04	-2.896e+04	-0.10	0.0	405.0	-52.29	-1036.74	142.09	74.78	2.859e+04	-8.450e+04
190	74	2.922e+04	2943.95	0.12	-1901.22	0.0	-31.69	907.90	15.61	81.82	-3376.95	-5.838e+04
		-7.568e+04	-3376.95	-0.04	0.0	405.0	-31.69	-993.32	15.61	81.82	2943.95	-7.568e+04
190	75	2.922e+04	2943.95	0.12	-1901.22	0.0	-31.69	907.90	15.61	81.82	-3376.95	-5.838e+04
		-7.568e+04	-3376.95	-0.04	0.0	405.0	-31.69	-993.32	15.61	81.82	2943.95	-7.568e+04
190	76	2.922e+04	2943.95	0.12	-1901.22	0.0	-31.69	907.90	15.61	81.82	-3376.95	-5.838e+04
		-7.568e+04	-3376.95	-0.04	0.0	405.0	-31.69	-993.32	15.61	81.82	2943.95	-7.568e+04
191	2	3.577e+04	3747.20	-0.13	-1901.22	0.0	-29.39	946.50	16.73	7.57	-3028.33	-5.965e+04
		-6.131e+04	-3028.33	-0.05	0.0	405.0	-29.39	-954.72	16.73	7.57	3747.20	-6.131e+04
191	3	6.281e+04	6033.68	-0.23	-3341.06	0.0	-53.17	1664.62	26.69	20.04	-4777.47	-1.051e+05
		-1.075e+05	-4777.47	-0.09	0.0	405.0	-53.17	-1676.44	26.69	20.04	6033.68	-1.075e+05
191	7	3.575e+04	3726.61	-0.13	-1901.22	0.0	-30.01	946.57	16.64	8.65	-3011.26	-5.968e+04
		-6.132e+04	-3011.26	-0.05	0.0	405.0	-30.01	-954.65	16.64	8.65	3726.61	-6.132e+04
191	8	4.664e+04	4508.69	-0.17	-2480.87	0.0	-39.68	1235.99	19.96	14.91	-3576.27	-7.806e+04
		-7.986e+04	-3576.27	-0.07	0.0	405.0	-39.68	-1244.88	19.96	14.91	4508.69	-7.986e+04
191	10	3.544e+04	1.750e+04	-0.13	-1901.22	0.0	-26.62	926.76	85.05	-9.14	-1.695e+04	-5.573e+04
		-6.588e+04	-1.695e+04	-0.15	0.0	405.0	-26.62	-974.46	85.05	-9.14	1.750e+04	-6.588e+04

191	13	3.599e+04	1.102e+04	-0.13	-1901.22	0.0	-36.18	966.72	-52.26	31.20	1.102e+04	-6.377e+04
		-6.377e+04	-1.015e+04	0.05	0.0	405.0	-36.18	-934.50	-52.26	31.20	-1.015e+04	-5.675e+04
191	22	3.734e+04	1.597e+04	-0.13	-1901.22	0.0	-28.05	927.56	77.45	32.79	-1.540e+04	-5.601e+04
		-6.182e+04	-1.540e+04	-0.12	0.0	405.0	-28.05	-973.66	77.45	32.79	1.597e+04	-6.182e+04
191	32	3.528e+04	2.512e+04	-0.13	-1901.22	0.0	-29.15	905.49	122.17	-6.83	-2.436e+04	-5.130e+04
		-7.064e+04	-2.436e+04	-0.10	0.0	405.0	-29.15	-995.73	122.17	-6.83	2.512e+04	-7.064e+04
191	34	3.569e+04	2.952e+04	-0.13	-1901.22	0.0	-27.91	903.65	144.09	20.89	-2.884e+04	-5.097e+04
		-7.015e+04	-2.884e+04	-0.15	0.0	405.0	-27.91	-997.57	144.09	20.89	2.952e+04	-7.015e+04
191	42	3.544e+04	1.750e+04	-0.13	-1901.22	0.0	-26.62	926.76	85.05	-9.14	-1.695e+04	-5.573e+04
		-6.588e+04	-1.695e+04	-0.15	0.0	405.0	-26.62	-974.46	85.05	-9.14	1.750e+04	-6.588e+04
191	45	3.599e+04	1.102e+04	-0.13	-1901.22	0.0	-36.18	966.72	-52.26	31.20	1.102e+04	-6.377e+04
		-6.377e+04	-1.015e+04	0.05	0.0	405.0	-36.18	-934.50	-52.26	31.20	-1.015e+04	-5.675e+04
191	54	3.734e+04	1.597e+04	-0.13	-1901.22	0.0	-28.05	927.56	77.45	32.79	-1.540e+04	-5.601e+04
		-6.182e+04	-1.540e+04	-0.12	0.0	405.0	-28.05	-973.66	77.45	32.79	1.597e+04	-6.182e+04
191	64	3.528e+04	2.512e+04	-0.13	-1901.22	0.0	-29.15	905.49	122.17	-6.83	-2.436e+04	-5.130e+04
		-7.064e+04	-2.436e+04	-0.10	0.0	405.0	-29.15	-995.73	122.17	-6.83	2.512e+04	-7.064e+04
191	66	3.569e+04	2.952e+04	-0.13	-1901.22	0.0	-27.91	903.65	144.09	20.89	-2.884e+04	-5.097e+04
		-7.015e+04	-2.884e+04	-0.15	0.0	405.0	-27.91	-997.57	144.09	20.89	2.952e+04	-7.015e+04
191	74	3.572e+04	3674.38	-0.13	-1901.22	0.0	-31.40	946.74	16.39	11.03	-2965.03	-5.975e+04
		-6.132e+04	-2965.03	-0.05	0.0	405.0	-31.40	-954.48	16.39	11.03	3674.38	-6.132e+04
191	75	3.572e+04	3674.38	-0.13	-1901.22	0.0	-31.40	946.74	16.39	11.03	-2965.03	-5.975e+04
		-6.132e+04	-2965.03	-0.05	0.0	405.0	-31.40	-954.48	16.39	11.03	3674.38	-6.132e+04
191	76	3.572e+04	3674.38	-0.13	-1901.22	0.0	-31.40	946.74	16.39	11.03	-2965.03	-5.975e+04
		-6.132e+04	-2965.03	-0.05	0.0	405.0	-31.40	-954.48	16.39	11.03	3674.38	-6.132e+04
192	2	3.047e+04	1411.18	-0.15	-1901.22	0.0	-11.47	976.91	7.74	-68.14	-1724.73	-7.110e+04
		-7.110e+04	-1724.73	-0.02	0.0	405.0	-11.47	-924.31	7.74	-68.14	1411.18	-6.045e+04
192	3	5.372e+04	1907.97	-0.26	-3341.06	0.0	-20.57	1715.76	10.72	-128.72	-2433.74	-1.246e+05
		-1.246e+05	-2433.74	-0.04	0.0	405.0	-20.57	-1625.31	10.72	-128.72	1907.97	-1.063e+05
192	7	3.049e+04	1373.98	-0.15	-1901.22	0.0	-11.76	976.67	7.55	-70.24	-1684.31	-7.103e+04
		-7.103e+04	-1684.31	-0.02	0.0	405.0	-11.76	-924.54	7.55	-70.24	1373.98	-6.048e+04
192	8	3.989e+04	1434.95	-0.20	-2480.87	0.0	-15.38	1273.98	8.05	-96.03	-1824.98	-9.249e+04
		-9.249e+04	-1824.98	-0.03	0.0	405.0	-15.38	-1206.89	8.05	-96.03	1434.95	-7.891e+04
192	17	3.169e+04	1.049e+04	-0.16	-1901.22	0.0	-28.57	984.71	-52.25	-58.00	1.049e+04	-7.280e+04
		-7.280e+04	-1.067e+04	0.06	0.0	405.0	-28.57	-916.50	-52.25	-58.00	-1.067e+04	-5.632e+04
192	31	3.092e+04	2.257e+04	-0.15	-1901.22	0.0	-42.19	1020.26	-112.11	-85.14	2.257e+04	-7.976e+04
		-7.976e+04	-2.284e+04	-0.05	0.0	405.0	-42.19	-880.95	-112.11	-85.14	-2.284e+04	-5.143e+04
192	32	3.045e+04	2.539e+04	-0.15	-1901.22	0.0	17.42	932.07	126.22	-64.97	-2.573e+04	-6.199e+04
		-6.961e+04	-2.573e+04	-0.07	0.0	405.0	17.42	-969.15	126.22	-64.97	2.539e+04	-6.961e+04
192	34	3.016e+04	2.688e+04	-0.14	-1901.22	0.0	8.62	936.10	133.59	-84.90	-2.723e+04	-6.274e+04
		-6.944e+04	-2.723e+04	-0.13	0.0	405.0	8.62	-965.12	133.59	-84.90	2.688e+04	-6.944e+04
192	49	3.169e+04	1.049e+04	-0.16	-1901.22	0.0	-28.57	984.71	-52.25	-58.00	1.049e+04	-7.280e+04
		-7.280e+04	-1.067e+04	0.06	0.0	405.0	-28.57	-916.50	-52.25	-58.00	-1.067e+04	-5.632e+04
192	63	3.092e+04	2.257e+04	-0.15	-1901.22	0.0	-42.19	1020.26	-112.11	-85.14	2.257e+04	-7.976e+04
		-7.976e+04	-2.284e+04	-0.05	0.0	405.0	-42.19	-880.95	-112.11	-85.14	-2.284e+04	-5.143e+04
192	64	3.045e+04	2.539e+04	-0.15	-1901.22	0.0	17.42	932.07	126.22	-64.97	-2.573e+04	-6.199e+04
		-6.961e+04	-2.573e+04	-0.07	0.0	405.0	17.42	-969.15	126.22	-64.97	2.539e+04	-6.961e+04
192	66	3.016e+04	2.688e+04	-0.14	-1901.22	0.0	8.62	936.10	133.59	-84.90	-2.723e+04	-6.274e+04
		-6.944e+04	-2.723e+04	-0.13	0.0	405.0	8.62	-965.12	133.59	-84.90	2.688e+04	-6.944e+04
192	74	3.055e+04	1277.49	-0.15	-1901.22	0.0	-12.38	976.17	7.05	-75.06	-1579.24	-7.087e+04
		-7.087e+04	-1579.24	-0.02	0.0	405.0	-12.38	-925.05	7.05	-75.06	1277.49	-6.052e+04
192	75	3.055e+04	1277.49	-0.15	-1901.22	0.0	-12.38	976.17	7.05	-75.06	-1579.24	-7.087e+04
		-7.087e+04	-1579.24	-0.02	0.0	405.0	-12.38	-925.05	7.05	-75.06	1277.49	-6.052e+04
192	76	3.055e+04	1277.49	-0.15	-1901.22	0.0	-12.38	976.17	7.05	-75.06	-1579.24	-7.087e+04
		-7.087e+04	-1579.24	-0.02	0.0	405.0	-12.38	-925.05	7.05	-75.06	1277.49	-6.052e+04
193	2	6.122e+04	9208.50	-0.45	-1924.69	0.0	57.90	813.49	-33.18	-373.44	9208.50	-9180.08
		-7.021e+04	-4395.59	-0.04	0.0	410.0	57.90	-1111.20	-33.18	-373.44	-4395.59	-7.021e+04
193	3	1.076e+05	1.689e+04	-0.79	-3382.31	0.0	99.33	1432.65	-61.66	-682.94	1.689e+04	-1.665e+04
		-1.226e+05	-8392.67	-0.07	0.0	410.0	99.33	-1949.67	-61.66	-682.94	-8392.67	-1.226e+05
193	7	6.124e+04	9288.25	-0.45	-1924.69	0.0	57.96	813.85	-33.55	-379.53	9288.25	-9217.79
		-7.010e+04	-4468.33	-0.04	0.0	410.0	57.96	-1110.84	-33.55	-379.53	-4468.33	-7.010e+04
193	8	7.992e+04	1.254e+04	-0.59	-2511.50	0.0	73.98	1063.77	-45.76	-508.39	1.254e+04	-1.234e+04
		-9.105e+04	-6227.43	-0.06	0.0	410.0	73.98	-1447.73	-45.76	-508.39	-6227.43	-9.105e+04
193	26	6.373e+04	1.698e+04	-0.46	-1924.69	0.0	112.02	765.15	71.53	-419.49	-1.235e+04	1598.39
		-7.933e+04	-1.235e+04	0.04	0.0	410.0	112.02	-1159.54	71.53	-419.49	1.698e+04	-7.933e+04
193	31	5.891e+04	3.353e+04	-0.43	-1924.69	0.0	3.86	863.88	-151.09	-380.32	3.353e+04	-2.017e+04
		-6.136e+04	-2.842e+04	-0.10	0.0	410.0	3.86	-1060.80	-151.09	-380.32	-2.842e+04	-6.136e+04
193	32	6.407e+04	1.912e+04	-0.47	-1924.69	0.0	112.36	765.53	82.12	-406.84	-1.455e+04	1544.43
		-7.832e+04	-1.455e+04	0.04	0.0	410.0	112.36	-1159.15	82.12	-406.84	1.912e+04	-7.832e+04
193	35	5.961e+04	3.490e+04	-0.44	-1924.69	0.0	31.93	856.99	-157.60	-378.65	3.490e+04	-1.857e+04
		-6.181e+04	-2.971e+04	-0.09	0.0	410.0	31.93	-1067.69	-157.60	-378.65	-2.971e+04	-6.181e+04
193	58	6.373e+04	1.698e+04	-0.46	-1924.69	0.0	112.02	765.15	71.53	-419.49	-1.235e+04	1598.39
		-7.933e+04	-1.235e+04	0.04	0.0	410.0	112.02	-1159.54	71.53	-419.49	1.698e+04	-7.933e+04
193	63	5.891e+04	3.353e+04	-0.43	-1924.69	0.0	3.86	863.88	-151.09	-380.32	3.353e+04	-2.017e+04
		-6.136e+04	-2.842e+04	-0.10	0.0	410.0	3.86	-1060.80	-151.09	-380.32	-2.842e+04	-6.136e+04
193	64	6.407e+04	1.912e+04	-0.47	-1924.69	0.0	112.36	765.53	82.12	-406.84	-1.455e+04	1544.43
		-7.832e+04	-1.455e+04	0.04	0.0	410.0	112.36	-1159.15	82.12	-406.84	1.912e+04	-7.832e+04
193	67	5.961e+04	3.490e+04	-0.44	-1924.69	0.0	31.93	856.99	-157.60	-378.65	3.490e+04	-1.857e+04

		-6.181e+04	-2.971e+04	-0.09	0.0	410.0	31.93	-1067.69	-157.60	-378.65	-2.971e+04	-6.181e+04
193	74	6.131e+04	9487.11	-0.45	-1924.69	0.0	58.11	814.71	-34.48	-393.58	9487.11	-9311.18
		-6.984e+04	-4650.54	-0.04	0.0	410.0	58.11	-1109.98	-34.48	-393.58	4650.54	-6.984e+04
193	75	6.131e+04	9487.11	-0.45	-1924.69	0.0	58.11	814.71	-34.48	-393.58	9487.11	-9311.18
		-6.984e+04	-4650.54	-0.04	0.0	410.0	58.11	-1109.98	-34.48	-393.58	4650.54	-6.984e+04
193	76	6.131e+04	9487.11	-0.45	-1924.69	0.0	58.11	814.71	-34.48	-393.58	9487.11	-9311.18
		-6.984e+04	-4650.54	-0.04	0.0	410.0	58.11	-1109.98	-34.48	-393.58	4650.54	-6.984e+04
194	2	5.616e+04	1.412e+04	-0.32	-2141.65	0.0	-572.54	951.95	-53.22	-326.52	1.412e+04	-3.056e+04
		-7.930e+04	-7698.97	0.09	0.0	410.0	-572.54	-1189.70	-53.22	-326.52	-7698.97	-7.930e+04
194	3	9.635e+04	2.507e+04	-0.55	-3664.36	0.0	-986.56	1630.36	-95.18	-609.43	2.507e+04	-5.231e+04
		-1.351e+05	-1.395e+04	0.16	0.0	410.0	-986.56	-2034.00	-95.18	-609.43	-1.395e+04	-1.351e+05
194	7	5.617e+04	1.418e+04	-0.32	-2141.65	0.0	-572.74	951.94	-53.50	-333.30	1.418e+04	-3.813e+04
		-7.929e+04	-7751.88	0.09	0.0	410.0	-572.74	-1189.71	-53.50	-333.30	-7751.88	-7.929e+04
194	8	7.173e+04	1.864e+04	-0.41	-2728.46	0.0	-734.39	1213.86	-70.74	-453.50	1.864e+04	-3.895e+04
		-1.006e+05	-1.036e+04	0.12	0.0	410.0	-734.39	-1514.60	-70.74	-453.50	-1.036e+04	-1.006e+05
194	11	5.200e+04	2.532e+04	-0.27	-2141.65	0.0	-689.30	954.09	-107.42	-296.23	2.532e+04	-3.831e+04
		-7.885e+04	-1.873e+04	-0.08	0.0	410.0	-689.30	-1187.55	-107.42	-296.23	-1.873e+04	-7.885e+04
194	12	6.040e+04	3354.48	-0.36	-2141.65	0.0	-458.12	949.87	-1.01	-401.66	3354.48	-2.274e+04
		-7.965e+04	2945.35	0.13	0.0	410.0	-458.12	-1191.78	-1.01	-401.66	2945.35	-7.965e+04
194	26	5.718e+04	1.432e+04	-0.32	-2141.65	0.0	-532.22	882.99	55.04	-352.60	1.430e+04	-9.296e+04
		-9.296e+04	-8270.57	0.11	0.0	410.0	-532.22	-1258.65	55.04	-352.60	-8270.57	-9.296e+04
194	27	5.338e+04	3.926e+04	-0.29	-2141.65	0.0	-671.98	1010.74	-174.71	-316.88	3.926e+04	-4.516e+04
		-6.759e+04	-3.238e+04	-0.11	0.0	410.0	-671.98	-1130.91	-174.71	-316.88	-3.238e+04	-6.759e+04
194	43	5.200e+04	2.532e+04	-0.27	-2141.65	0.0	-689.30	954.09	-107.42	-296.23	2.532e+04	-3.813e+04
		-7.885e+04	-1.873e+04	-0.08	0.0	410.0	-689.30	-1187.55	-107.42	-296.23	-1.873e+04	-7.885e+04
194	44	6.040e+04	3354.48	-0.36	-2141.65	0.0	-458.12	949.87	-1.01	-401.66	3354.48	-2.274e+04
		-7.965e+04	2945.35	0.13	0.0	410.0	-458.12	-1191.78	-1.01	-401.66	2945.35	-7.965e+04
194	58	5.718e+04	1.430e+04	-0.32	-2141.65	0.0	-532.22	882.99	55.04	-352.60	1.430e+04	-9.296e+04
		-9.296e+04	-8270.57	0.11	0.0	410.0	-532.22	-1258.65	55.04	-352.60	-8270.57	-9.296e+04
194	59	5.338e+04	3.926e+04	-0.29	-2141.65	0.0	-671.98	1010.74	-174.71	-316.88	3.926e+04	-4.516e+04
		-6.759e+04	-3.238e+04	-0.11	0.0	410.0	-671.98	-1130.91	-174.71	-316.88	-3.238e+04	-6.759e+04
194	74	5.620e+04	1.434e+04	-0.32	-2141.65	0.0	-573.71	951.98	-54.21	-348.95	1.434e+04	-3.053e+04
		-7.925e+04	-7890.01	0.10	0.0	410.0	-573.71	-1189.67	-54.21	-348.95	-7890.01	-7.925e+04
194	75	5.620e+04	1.434e+04	-0.32	-2141.65	0.0	-573.71	951.98	-54.21	-348.95	1.434e+04	-3.053e+04
		-7.925e+04	-7890.01	0.10	0.0	410.0	-573.71	-1189.67	-54.21	-348.95	-7890.01	-7.925e+04
194	76	5.620e+04	1.434e+04	-0.32	-2141.65	0.0	-573.71	951.98	-54.21	-348.95	1.434e+04	-3.053e+04
		-7.925e+04	-7890.01	0.10	0.0	410.0	-573.71	-1189.67	-54.21	-348.95	-7890.01	-7.925e+04
195	3	5.651e+04	1172.70	-0.24	-3619.67	0.0	-1024.08	1857.79	9.26	-131.73	1172.70	-1.170e+05
		-1.365e+05	-2576.02	0.01	0.0	405.0	-1024.08	-1761.88	9.26	-131.73	-2576.02	-1.365e+05
195	6	3.299e+04	848.75	-0.14	-2115.53	0.0	-587.28	1085.14	6.26	-76.48	848.75	-7.965e+04
		-7.965e+04	-1686.53	-6.82e-03	0.0	405.0	-587.28	-1030.39	6.26	-76.48	-1686.53	-7.965e+04
195	8	4.207e+04	891.74	-0.18	-2695.19	0.0	-761.07	1383.20	6.99	-98.20	891.74	-8.716e+04
		-1.016e+05	-1939.01	7.87e-03	0.0	405.0	-761.07	-1311.99	6.99	-98.20	-1939.01	-1.016e+05
195	9	3.299e+04	854.78	-0.14	-2115.53	0.0	-587.18	1085.17	6.29	-76.15	854.78	-7.966e+04
		-7.966e+04	-1692.54	-6.81e-03	0.0	405.0	-587.18	-1030.36	6.29	-76.15	-1692.54	-7.966e+04
195	14	3.075e+04	1.133e+04	-0.12	-2115.53	0.0	-790.34	1078.42	58.20	-132.36	1.133e+04	-7.405e+04
		-7.865e+04	-1.225e+04	-0.08	0.0	405.0	-790.34	-1037.11	58.20	-132.36	-1.225e+04	-7.865e+04
195	16	3.525e+04	3860.77	-0.16	-2115.53	0.0	-425.68	1058.80	20.95	-30.34	3860.77	-6.976e+04
		-7.394e+04	-4617.54	0.02	0.0	405.0	-425.68	-1056.73	20.95	-30.34	-4617.54	-7.394e+04
195	17	3.523e+04	8861.85	-0.16	-2115.53	0.0	-384.03	1091.92	-45.62	-19.93	8861.85	-8.067e+04
		-8.067e+04	-9620.02	0.07	0.0	405.0	-384.03	-1023.61	-45.62	-19.93	-9620.02	-8.067e+04
195	26	3.231e+04	2.556e+04	-0.13	-2115.53	0.0	-697.61	1024.97	128.32	-104.61	2.556e+04	-6.758e+04
		-8.200e+04	-2.641e+04	0.06	0.0	405.0	-697.61	-1090.56	128.32	-104.61	-2.641e+04	-8.200e+04
195	27	3.294e+04	2.074e+04	-0.13	-2115.53	0.0	-586.15	1151.26	-104.57	-78.29	2.074e+04	-9.316e+04
		-9.316e+04	-2.161e+04	-0.05	0.0	405.0	-586.15	-964.27	-104.57	-78.29	-2.161e+04	-9.316e+04
195	46	3.075e+04	1.133e+04	-0.12	-2115.53	0.0	-790.34	1078.42	58.20	-132.36	1.133e+04	-7.405e+04
		-7.865e+04	-1.225e+04	-0.08	0.0	405.0	-790.34	-1037.11	58.20	-132.36	-1.225e+04	-7.865e+04
195	48	3.525e+04	3860.77	-0.16	-2115.53	0.0	-425.68	1058.80	20.95	-30.34	3860.77	-6.976e+04
		-7.394e+04	-4617.54	0.02	0.0	405.0	-425.68	-1056.73	20.95	-30.34	-4617.54	-7.394e+04
195	49	3.523e+04	8861.85	-0.16	-2115.53	0.0	-384.03	1091.92	-45.62	-19.93	8861.85	-8.067e+04
		-8.067e+04	-9620.02	0.07	0.0	405.0	-384.03	-1023.61	-45.62	-19.93	-9620.02	-8.067e+04
195	58	3.231e+04	2.556e+04	-0.13	-2115.53	0.0	-697.61	1024.97	128.32	-104.61	2.556e+04	-6.758e+04
		-8.200e+04	-2.641e+04	0.06	0.0	405.0	-697.61	-1090.56	128.32	-104.61	-2.641e+04	-8.200e+04
195	59	3.294e+04	2.074e+04	-0.13	-2115.53	0.0	-586.15	1151.26	-104.57	-78.29	2.074e+04	-9.316e+04
		-9.316e+04	-2.161e+04	-0.05	0.0	405.0	-586.15	-964.27	-104.57	-78.29	-2.161e+04	-9.316e+04
195	74	3.299e+04	854.78	-0.14	-2115.53	0.0	-587.18	1085.17	6.29	-76.15	854.78	-7.966e+04
		-7.966e+04	-1692.54	-6.81e-03	0.0	405.0	-587.18	-1030.36	6.29	-76.15	-1692.54	-7.966e+04
195	75	3.299e+04	854.78	-0.14	-2115.53	0.0	-587.18	1085.17	6.29	-76.15	854.78	-7.966e+04
		-7.966e+04	-1692.54	-6.81e-03	0.0	405.0	-587.18	-1030.36	6.29	-76.15	-1692.54	-7.966e+04
195	76	3.299e+04	854.78	-0.14	-2115.53	0.0	-587.18	1085.17	6.29	-76.15	854.78	-7.966e+04
		-7.966e+04	-1692.54	-6.81e-03	0.0	405.0	-587.18	-1030.36	6.29	-76.15	-1692.54	-7.966e+04
196	3	6.523e+04	6280.43	-0.24	-3619.67	0.0	-934.77	1793.04	27.22	15.56	6280.43	-1.214e+05
		-1.214e+05	-4745.36	-0.10	0.0	405.0	-934.77	-1826.63	27.22	15.56	-4745.36	-1.214e+05
196	6	3.805e+04	3788.21	-0.14	-2115.53	0.0	-532.50	1047.40	16.57	8.67	3788.21	-6.695e+04
		-7.115e+04	-2920.94	-0.06	0.0	405.0	-532.50	-1068.13	16.57	8.67	-2920.94	-7.115e+04
196	8	4.856e+04	4691.93	-0.18	-2695.19	0.0	-693.96	1335.01	20.36	11.58	4691.93	-9.043e+04
		-9.043e+04	-3553.20	-0.07	0.0	405.0	-693.96	-1360.18	20.36	11.58	-3553.20	-9.043e+04

196	9	3.805e+04	3788.43	-0.14	-2115.53	0.0	-532.91	1047.42	16.57	8.58	-2920.61	-6.695e+04
		-7.115e+04	-2920.61	-0.06	0.0	405.0	-532.91	-1068.11	16.57	8.58	3788.43	-7.115e+04
196	12	3.838e+04	5435.34	-0.14	-2115.53	0.0	-362.48	1040.83	24.24	47.40	-4380.07	-6.545e+04
		-7.198e+04	-4380.07	0.02	0.0	405.0	-362.48	-1074.70	24.24	47.40	5435.34	-7.198e+04
196	14	3.776e+04	1.585e+04	-0.14	-2115.53	0.0	-745.24	1018.28	76.57	-40.62	-1.516e+04	-6.118e+04
		-7.750e+04	-1.516e+04	-0.15	0.0	405.0	-745.24	-1097.25	76.57	-40.62	1.585e+04	-7.750e+04
196	17	3.834e+04	9315.94	-0.14	-2115.53	0.0	-320.59	1076.55	-43.43	57.77	9315.94	-7.273e+04
		-7.273e+04	-8277.70	0.04	0.0	405.0	-320.59	-1038.98	-43.43	57.77	-8277.70	-6.479e+04
196	26	3.834e+04	2.897e+04	-0.14	-2115.53	0.0	-648.21	979.80	140.98	-21.44	-2.813e+04	-5.323e+04
		-8.491e+04	-2.813e+04	-0.14	0.0	405.0	-648.21	-1135.73	140.98	-21.44	2.897e+04	-8.491e+04
196	44	3.838e+04	5435.34	-0.14	-2115.53	0.0	-362.48	1040.83	24.24	47.40	-4380.07	-6.545e+04
		-7.198e+04	-4380.07	0.02	0.0	405.0	-362.48	-1074.70	24.24	47.40	5435.34	-7.198e+04
196	46	3.776e+04	1.585e+04	-0.14	-2115.53	0.0	-745.24	1018.28	76.57	-40.62	-1.516e+04	-6.118e+04
		-7.750e+04	-1.516e+04	-0.15	0.0	405.0	-745.24	-1097.25	76.57	-40.62	1.585e+04	-7.750e+04
196	49	3.834e+04	9315.94	-0.14	-2115.53	0.0	-320.59	1076.55	-43.43	57.77	9315.94	-7.273e+04
		-7.273e+04	-8277.70	0.04	0.0	405.0	-320.59	-1038.98	-43.43	57.77	-8277.70	-6.479e+04
196	58	3.834e+04	2.897e+04	-0.14	-2115.53	0.0	-648.21	979.80	140.98	-21.44	-2.813e+04	-5.323e+04
		-8.491e+04	-2.813e+04	-0.14	0.0	405.0	-648.21	-1135.73	140.98	-21.44	2.897e+04	-8.491e+04
196	74	3.805e+04	3788.43	-0.14	-2115.53	0.0	-532.91	1047.42	16.57	8.58	-2920.61	-6.695e+04
		-7.115e+04	-2920.61	-0.06	0.0	405.0	-532.91	-1068.11	16.57	8.58	3788.43	-7.115e+04
196	75	3.805e+04	3788.43	-0.14	-2115.53	0.0	-532.91	1047.42	16.57	8.58	-2920.61	-6.695e+04
		-7.115e+04	-2920.61	-0.06	0.0	405.0	-532.91	-1068.11	16.57	8.58	3788.43	-7.115e+04
196	76	3.805e+04	3788.43	-0.14	-2115.53	0.0	-532.91	1047.42	16.57	8.58	-2920.61	-6.695e+04
		-7.115e+04	-2920.61	-0.06	0.0	405.0	-532.91	-1068.11	16.57	8.58	3788.43	-7.115e+04
197	3	5.606e+04	4409.05	-0.15	-3619.67	0.0	-718.86	1727.78	26.05	175.34	-6141.04	-1.106e+05
		-1.438e+05	-6141.04	-0.09	0.0	405.0	-718.86	-1891.90	26.05	175.34	4409.05	-1.438e+05
197	6	3.267e+04	2628.74	-0.09	-2115.53	0.0	-406.12	1009.84	15.58	101.60	-3679.43	-6.472e+04
		-8.413e+04	-3679.43	-0.06	0.0	405.0	-406.12	-1105.69	15.58	101.60	2628.74	-8.413e+04
197	8	4.173e+04	3286.32	-0.11	-2695.19	0.0	-532.90	1286.48	19.43	130.73	-4581.78	-8.234e+04
		-1.071e+05	-4581.78	-0.07	0.0	405.0	-532.90	-1408.70	19.43	130.73	3286.32	-1.071e+05
197	9	3.268e+04	2635.38	-0.09	-2115.53	0.0	-407.04	1009.86	15.61	101.06	-3684.76	-6.472e+04
		-8.412e+04	-3684.76	-0.06	0.0	405.0	-407.04	-1105.67	15.61	101.06	2635.38	-8.412e+04
197	14	3.296e+04	1.592e+04	-0.09	-2115.53	0.0	-544.05	976.08	81.24	64.41	-1.699e+04	-5.712e+04
		-9.113e+04	-1.699e+04	-0.13	0.0	405.0	-544.05	-1139.45	81.24	64.41	1.592e+04	-9.113e+04
197	17	3.279e+04	9617.44	-0.09	-2115.53	0.0	-270.03	1043.64	-50.03	137.70	9617.44	-7.150e+04
		-7.712e+04	-1.065e+04	0.03	0.0	405.0	-270.03	-1071.89	-50.03	137.70	-1.065e+04	-7.712e+04
197	26	3.399e+04	2.790e+04	-0.09	-2115.53	0.0	-491.33	942.03	140.31	104.32	-2.893e+04	-5.091e+04
		-9.782e+04	-2.893e+04	-0.12	0.0	405.0	-491.33	-1173.50	140.31	104.32	2.790e+04	-9.782e+04
197	30	3.389e+04	2.781e+04	-0.09	-2115.53	0.0	-482.12	941.68	140.03	105.68	-2.890e+04	-5.095e+04
		-9.799e+04	-2.890e+04	-0.13	0.0	405.0	-482.12	-1173.85	140.03	105.68	2.781e+04	-9.799e+04
197	46	3.296e+04	1.592e+04	-0.09	-2115.53	0.0	-544.05	976.08	81.24	64.41	-1.699e+04	-5.712e+04
		-9.113e+04	-1.699e+04	-0.13	0.0	405.0	-544.05	-1139.45	81.24	64.41	1.592e+04	-9.113e+04
197	49	3.279e+04	9617.44	-0.09	-2115.53	0.0	-270.03	1043.64	-50.03	137.70	9617.44	-7.150e+04
		-7.712e+04	-1.065e+04	0.03	0.0	405.0	-270.03	-1071.89	-50.03	137.70	-1.065e+04	-7.712e+04
197	58	3.399e+04	2.790e+04	-0.09	-2115.53	0.0	-491.33	942.03	140.31	104.32	-2.893e+04	-5.091e+04
		-9.782e+04	-2.893e+04	-0.12	0.0	405.0	-491.33	-1173.50	140.31	104.32	2.790e+04	-9.782e+04
197	62	3.389e+04	2.781e+04	-0.09	-2115.53	0.0	-482.12	941.68	140.03	105.68	-2.890e+04	-5.095e+04
		-9.799e+04	-2.890e+04	-0.13	0.0	405.0	-482.12	-1173.85	140.03	105.68	2.781e+04	-9.799e+04
197	74	3.268e+04	2635.38	-0.09	-2115.53	0.0	-407.04	1009.86	15.61	101.06	-3684.76	-6.472e+04
		-8.412e+04	-3684.76	-0.06	0.0	405.0	-407.04	-1105.67	15.61	101.06	2635.38	-8.412e+04
197	75	3.268e+04	2635.38	-0.09	-2115.53	0.0	-407.04	1009.86	15.61	101.06	-3684.76	-6.472e+04
		-8.412e+04	-3684.76	-0.06	0.0	405.0	-407.04	-1105.67	15.61	101.06	2635.38	-8.412e+04
197	76	3.268e+04	2635.38	-0.09	-2115.53	0.0	-407.04	1009.86	15.61	101.06	-3684.76	-6.472e+04
		-8.412e+04	-3684.76	-0.06	0.0	405.0	-407.04	-1105.67	15.61	101.06	2635.38	-8.412e+04
198	3	9.674e+04	2.193e+04	-0.33	-3664.31	0.0	-702.82	2061.00	80.73	498.13	-1.117e+04	-1.409e+05
		-1.409e+05	-1.117e+04	-0.15	0.0	410.0	-702.82	-1603.31	80.73	498.13	2.193e+04	-1.409e+05
198	6	5.640e+04	1.275e+04	-0.19	-2141.62	0.0	-405.09	1205.18	47.01	283.72	-6522.93	-8.263e+04
		-8.263e+04	-6522.93	-0.09	0.0	410.0	-405.09	-936.44	47.01	283.72	1.275e+04	-8.263e+04
198	8	7.201e+04	1.630e+04	-0.24	-2728.42	0.0	-522.19	1534.76	60.01	370.43	-8302.70	-1.050e+05
		-1.050e+05	-8302.70	-0.11	0.0	410.0	-522.19	-1193.66	60.01	370.43	1.630e+04	-1.050e+05
198	9	5.640e+04	1.278e+04	-0.19	-2141.62	0.0	-405.77	1205.05	47.15	282.76	-6551.80	-8.260e+04
		-8.260e+04	-6551.80	-0.09	0.0	410.0	-405.77	-936.57	47.15	282.76	1.278e+04	-8.260e+04
198	11	5.642e+04	1.067e+04	-0.20	-2141.62	0.0	-316.41	1210.18	36.94	233.73	-4478.53	-8.366e+04
		-8.366e+04	-4478.53	-0.10	0.0	410.0	-316.41	-931.44	36.94	233.73	1.067e+04	-8.366e+04
198	12	5.638e+04	1.489e+04	-0.19	-2141.62	0.0	-495.12	1199.92	57.36	331.80	-8625.07	-8.153e+04
		-8.153e+04	-8625.07	-0.07	0.0	410.0	-495.12	-941.70	57.36	331.80	1.489e+04	-8.153e+04
198	21	5.925e+04	5585.37	-0.19	-2141.62	0.0	-424.87	1234.41	-12.48	366.88	5585.37	-8.431e+04
		-8.431e+04	464.92	-0.04	0.0	410.0	-424.87	-907.21	-12.48	366.88	464.92	-2.117e+04
198	29	5.866e+04	1.768e+04	-0.18	-2141.62	0.0	-361.47	1272.31	-72.14	318.90	1.768e+04	-9.591e+04
		-9.591e+04	-1.190e+04	-0.08	0.0	410.0	-361.47	-869.30	-72.14	318.90	-1.190e+04	-9.591e+04
198	30	5.367e+04	3.761e+04	-0.20	-2141.62	0.0	-459.40	1138.80	167.20	239.64	-3.094e+04	-7.070e+04
		-7.070e+04	-3.094e+04	-0.16	0.0	410.0	-459.40	-1002.82	167.20	239.64	3.761e+04	-7.070e+04
198	43	5.642e+04	1.067e+04	-0.20	-2141.62	0.0	-316.41	1210.18	36.94	233.73	-4478.53	-8.366e+04
		-8.366e+04	-4478.53	-0.10	0.0	410.0	-316.41	-931.44	36.94	233.73	1.067e+04	-8.366e+04
198	44	5.638e+04	1.489e+04	-0.19	-2141.62	0.0	-495.12	1199.92	57.36	331.80	-8625.07	-8.153e+04
		-8.153e+04	-8625.07	-0.07	0.0	410.0	-495.12	-941.70	57.36	331.80	1.489e+04	-8.153e+04
198	53	5.925e+04	5585.37	-0.19	-2141.62	0.0	-424.87	1234.41	-12.48	366.88	5585.37	-8.431e+04

		-8.431e+04	464.92	-0.04	0.0	410.0	-424.87	-907.21	-12.48	366.88	464.92-2.117e+04
198	61	5.866e+04	1.768e+04	-0.18	-2141.62	0.0	-361.47	1272.31	-72.14	318.90	1.768e+04-9.591e+04
		-9.591e+04	-1.190e+04	-0.08	0.0	410.0	-361.47	-869.30	-72.14	318.90	-1.190e+04-1.322e+04
198	62	5.367e+04	3.761e+04	-0.20	-2141.62	0.0	-459.40	1138.80	167.20	239.64	-3.094e+04-7.070e+04
		-7.070e+04	-3.094e+04	-0.16	0.0	410.0	-459.40	-1002.82	167.20	239.64	3.761e+04-4.166e+04
198	74	5.640e+04	1.278e+04	-0.19	-2141.62	0.0	-405.77	1205.05	47.15	282.76	-6551.80-8.260e+04
		-8.260e+04	-6551.80	-0.09	0.0	410.0	-405.77	-936.57	47.15	282.76	1.278e+04-2.756e+04
198	75	5.640e+04	1.278e+04	-0.19	-2141.62	0.0	-405.77	1205.05	47.15	282.76	-6551.80-8.260e+04
		-8.260e+04	-6551.80	-0.09	0.0	410.0	-405.77	-936.57	47.15	282.76	1.278e+04-2.756e+04
198	76	5.640e+04	1.278e+04	-0.19	-2141.62	0.0	-405.77	1205.05	47.15	282.76	-6551.80-8.260e+04
		-8.260e+04	-6551.80	-0.09	0.0	410.0	-405.77	-936.57	47.15	282.76	1.278e+04-2.756e+04
199	2	6.123e+04	3374.43	0.39	-1870.66	0.0	-12.60	1087.15	-23.07	-215.06	3374.43-6.815e+04
		-6.815e+04	-6083.11	0.07	0.0	410.0	-12.60	-783.52	-23.07	-215.06	-6083.11-5909.46
199	3	1.083e+05	7610.14	0.71	-3312.07	0.0	-23.38	1922.56	-48.85	-376.05	7610.14-1.202e+05
		-1.202e+05	-1.242e+04	0.14	0.0	410.0	-23.38	-1389.50	-48.85	-376.05	-1.242e+04-1.095e+04
199	7	6.122e+04	3566.45	0.39	-1870.66	0.0	-12.76	1086.94	-24.01	-216.31	3566.45-6.812e+04
		-6.812e+04	-6275.84	0.07	0.0	410.0	-12.76	-783.73	-24.01	-216.31	-6275.84-5958.59
199	8	8.038e+04	5640.52	0.52	-2457.47	0.0	-17.35	1426.53	-36.22	-279.92	5640.52-8.921e+04
		-8.921e+04	-9208.49	0.10	0.0	410.0	-17.35	-1030.94	-36.22	-279.92	-9208.49-8119.91
199	32	5.968e+04	2.142e+04	0.36	-1870.66	0.0	-33.64	1055.71	-111.62	-243.28	2.142e+04-6.236e+04
		-6.236e+04	-2.435e+04	0.12	0.0	410.0	-33.64	-814.95	-111.62	-243.28	-2.435e+04-1.317e+04
199	38	5.931e+04	1.483e+04	0.34	-1870.66	0.0	-61.18	1057.66	-79.03	-216.59	1.483e+04-6.326e+04
		-6.326e+04	-1.757e+04	0.09	0.0	410.0	-61.18	-813.00	-79.03	-216.59	-1.757e+04-1.313e+04
199	39	6.306e+04	7246.94	0.43	-1870.66	0.0	24.29	1120.79	41.61	-190.02	-9813.75-7.446e+04
		-7.446e+04	-9813.75	0.05	0.0	410.0	24.29	-749.87	41.61	-190.02	7246.94-1769.91
199	41	6.319e+04	4077.94	0.45	-1870.66	0.0	34.96	1115.16	26.42	-221.25	-6752.75-7.278e+04
		-7.278e+04	-6752.75	0.07	0.0	410.0	34.96	-755.51	26.42	-221.25	4077.94-970.26
199	64	5.968e+04	2.142e+04	0.36	-1870.66	0.0	-33.64	1055.71	-111.62	-243.28	2.142e+04-6.236e+04
		-6.236e+04	-2.435e+04	0.12	0.0	410.0	-33.64	-814.95	-111.62	-243.28	-2.435e+04-1.317e+04
199	70	5.931e+04	1.483e+04	0.34	-1870.66	0.0	-61.18	1057.66	-79.03	-216.59	1.483e+04-6.326e+04
		-6.326e+04	-1.757e+04	0.09	0.0	410.0	-61.18	-813.00	-79.03	-216.59	-1.757e+04-1.313e+04
199	71	6.306e+04	7246.94	0.43	-1870.66	0.0	24.29	1120.79	41.61	-190.02	-9813.75-7.446e+04
		-7.446e+04	-9813.75	0.05	0.0	410.0	24.29	-749.87	41.61	-190.02	7246.94-1769.91
199	73	6.319e+04	4077.94	0.45	-1870.66	0.0	34.96	1115.16	26.42	-221.25	-6752.75-7.278e+04
		-7.278e+04	-6752.75	0.07	0.0	410.0	34.96	-755.51	26.42	-221.25	4077.94-970.26
199	74	6.119e+04	4036.98	0.39	-1870.66	0.0	-13.11	1086.41	-26.31	-218.92	4036.98-6.802e+04
		-6.802e+04	-6748.32	0.08	0.0	410.0	-13.11	-784.25	-26.31	-218.92	-6748.32-6078.67
199	75	6.119e+04	4036.98	0.39	-1870.66	0.0	-13.11	1086.41	-26.31	-218.92	4036.98-6.802e+04
		-6.802e+04	-6748.32	0.08	0.0	410.0	-13.11	-784.25	-26.31	-218.92	-6748.32-6078.67
199	76	6.119e+04	4036.98	0.39	-1870.66	0.0	-13.11	1086.41	-26.31	-218.92	4036.98-6.802e+04
		-6.802e+04	-6748.32	0.08	0.0	410.0	-13.11	-784.25	-26.31	-218.92	-6748.32-6078.67
200	1	3.831e+04	2658.43	0.16	-2402.24	0.0	-37.26	1167.05	12.14	-100.16	-2260.13-7.641e+04
		-9.020e+04	-2260.13	-0.04	0.0	405.0	-37.26	-1235.19	12.14	-100.16	2658.43-9.020e+04
200	2	2.947e+04	2083.99	0.12	-1847.88	0.0	-28.48	897.80	9.54	-76.12	-1778.81-5.879e+04
		-6.937e+04	-1778.81	-0.03	0.0	405.0	-28.48	-950.08	9.54	-76.12	2083.99-6.937e+04
200	3	5.239e+04	2657.46	0.22	-3271.72	0.0	-52.71	1588.39	11.80	-137.97	-2123.50-1.229e+05
		-1.229e+05	-2123.50	-0.04	0.0	405.0	-52.71	-1683.34	11.80	-137.97	2657.46-1.229e+05
200	7	2.948e+04	1996.14	0.12	-1847.88	0.0	-28.81	897.64	9.10	-77.82	-1689.21-5.875e+04
		-6.940e+04	-1689.21	-0.03	0.0	405.0	-28.81	-950.24	9.10	-77.82	1996.14-6.940e+04
200	8	3.886e+04	1995.49	0.17	-2427.53	0.0	-39.11	1178.53	8.87	-103.03	-1598.12-7.690e+04
		-9.117e+04	-1598.12	-0.03	0.0	405.0	-39.11	-1249.00	8.87	-103.03	1995.49-9.117e+04
200	24	2.986e+04	8334.36	-0.09	-1847.88	0.0	-21.36	896.52	-40.50	-60.51	8334.36-5.833e+04
		-6.904e+04	-8067.97	0.07	0.0	405.0	-21.36	-951.35	-40.50	-60.51	-8067.97-6.904e+04
200	27	2.959e+04	1.926e+04	0.15	-1847.88	0.0	-21.08	921.45	94.31	-62.08	-1.893e+04-6.356e+04
		-6.436e+04	-1.893e+04	-0.07	0.0	405.0	-21.08	-926.42	94.31	-62.08	1.926e+04-6.436e+04
200	30	2.936e+04	1.202e+04	0.14	-1847.88	0.0	-46.25	872.83	-58.54	-100.90	1.202e+04-5.376e+04
		-7.463e+04	-1.169e+04	-0.06	0.0	405.0	-46.25	-975.05	-58.54	-100.90	-1.169e+04-7.463e+04
200	38	2.944e+04	8478.12	0.15	-1847.88	0.0	-52.45	872.76	-41.06	-100.59	8478.12-5.364e+04
		-7.458e+04	-8150.73	-0.05	0.0	405.0	-52.45	-975.11	-41.06	-100.59	-8150.73-7.458e+04
200	41	2.955e+04	1.171e+04	0.10	-1847.88	0.0	-6.68	921.71	57.11	-62.81	-1.142e+04-6.366e+04
		-6.434e+04	-1.142e+04	-0.03	0.0	405.0	-6.68	-926.16	57.11	-62.81	1.171e+04-6.434e+04
200	56	2.986e+04	8334.36	-0.09	-1847.88	0.0	-21.36	896.52	-40.50	-60.51	8334.36-5.833e+04
		-6.904e+04	-8067.97	0.07	0.0	405.0	-21.36	-951.35	-40.50	-60.51	-8067.97-6.904e+04
200	59	2.959e+04	1.926e+04	0.15	-1847.88	0.0	-21.08	921.45	94.31	-62.08	-1.893e+04-6.356e+04
		-6.436e+04	-1.893e+04	-0.07	0.0	405.0	-21.08	-926.42	94.31	-62.08	1.926e+04-6.436e+04
200	62	2.936e+04	1.202e+04	0.14	-1847.88	0.0	-46.25	872.83	-58.54	-100.90	1.202e+04-5.376e+04
		-7.463e+04	-1.169e+04	-0.06	0.0	405.0	-46.25	-975.05	-58.54	-100.90	-1.169e+04-7.463e+04
200	70	2.944e+04	8478.12	0.15	-1847.88	0.0	-52.45	872.76	-41.06	-100.59	8478.12-5.364e+04
		-7.458e+04	-8150.73	-0.05	0.0	405.0	-52.45	-975.11	-41.06	-100.59	-8150.73-7.458e+04
200	73	2.955e+04	1.171e+04	0.10	-1847.88	0.0	-6.68	921.71	57.11	-62.81	-1.142e+04-6.366e+04
		-6.434e+04	-1.142e+04	-0.03	0.0	405.0	-6.68	-926.16	57.11	-62.81	1.171e+04-6.434e+04
200	74	2.950e+04	1780.00	0.12	-1847.88	0.0	-29.57	897.24	8.02	-81.70	-1469.54-5.865e+04
		-6.946e+04	-1469.54	-0.03	0.0	405.0	-29.57	-950.64	8.02	-81.70	1780.00-6.946e+04
200	75	2.950e+04	1780.00	0.12	-1847.88	0.0	-29.57	897.24	8.02	-81.70	-1469.54-5.865e+04
		-6.946e+04	-1469.54	-0.03	0.0	405.0	-29.57	-950.64	8.02	-81.70	1780.00-6.946e+04
200	76	2.950e+04	1780.00	0.12	-1847.88	0.0	-29.57	897.24	8.02	-81.70	-1469.54-5.865e+04
		-6.946e+04	-1469.54	-0.03	0.0	405.0	-29.57	-950.64	8.02	-81.70	1780.00-6.946e+04

201	2	3.483e+04	2737.00	-0.13	-1847.88	0.0	-32.95	924.81	14.32	-22.31	-3061.21	-5.890e+04
		-5.890e+04	-3061.21	-0.05	0.0	405.0	-32.95	-923.07	14.32	-22.31	2737.00	-5.855e+04
201	3	6.175e+04	4138.84	-0.22	-3271.72	0.0	-60.81	1637.54	21.86	-39.13	-4715.15	-1.042e+05
		-1.042e+05	-4715.15	-0.08	0.0	405.0	-60.81	-1634.18	21.86	-39.13	4138.84	-1.035e+05
201	7	3.483e+04	2691.02	-0.13	-1847.88	0.0	-33.38	924.81	14.09	-22.64	-3014.93	-5.889e+04
		-5.889e+04	-3014.93	-0.05	0.0	405.0	-33.38	-923.07	14.09	-22.64	2691.02	-5.854e+04
201	8	4.582e+04	3095.70	-0.17	-2427.53	0.0	-45.16	1215.01	16.34	-29.28	-3523.42	-7.732e+04
		-7.732e+04	-3523.42	-0.06	0.0	405.0	-45.16	-1212.53	16.34	-29.28	3095.70	-7.682e+04
201	15	3.459e+04	1.358e+04	-0.12	-1847.88	0.0	-48.99	938.22	67.88	-44.33	-1.391e+04	-6.195e+04
		-6.195e+04	-1.391e+04	-0.13	0.0	405.0	-48.99	-909.65	67.88	-44.33	1.358e+04	-5.596e+04
201	16	3.511e+04	8106.48	-0.13	-1847.88	0.0	-19.72	911.38	-40.82	-2.63	8106.48	-5.580e+04
		-6.108e+04	-8427.60	0.04	0.0	405.0	-19.72	-936.49	-40.82	-2.63	-8427.60	-6.108e+04
201	23	3.608e+04	1.093e+04	-0.13	-1847.88	0.0	-48.02	936.86	54.86	-40.26	-1.129e+04	-5.890e+04
		-5.890e+04	-1.129e+04	-0.09	0.0	405.0	-48.02	-911.01	54.86	-40.26	1.093e+04	-5.604e+04
201	27	3.477e+04	1.962e+04	-0.12	-1847.88	0.0	-34.79	949.38	97.73	-18.47	-1.996e+04	-6.396e+04
		-6.396e+04	-1.996e+04	-0.09	0.0	405.0	-34.79	-898.49	97.73	-18.47	1.962e+04	-5.359e+04
201	35	3.486e+04	1.582e+04	-0.12	-1847.88	0.0	-42.71	950.30	79.01	-17.20	-1.618e+04	-6.407e+04
		-6.407e+04	-1.618e+04	-0.08	0.0	405.0	-42.71	-897.57	79.01	-17.20	1.582e+04	-5.331e+04
201	47	3.459e+04	1.358e+04	-0.12	-1847.88	0.0	-48.99	938.22	67.88	-44.33	-1.391e+04	-6.195e+04
		-6.195e+04	-1.391e+04	-0.13	0.0	405.0	-48.99	-909.65	67.88	-44.33	1.358e+04	-5.596e+04
201	48	3.511e+04	8106.48	-0.13	-1847.88	0.0	-19.72	911.38	-40.82	-2.63	8106.48	-5.580e+04
		-6.108e+04	-8427.60	0.04	0.0	405.0	-19.72	-936.49	-40.82	-2.63	-8427.60	-6.108e+04
201	55	3.608e+04	1.093e+04	-0.13	-1847.88	0.0	-48.02	936.86	54.86	-40.26	-1.129e+04	-5.890e+04
		-5.890e+04	-1.129e+04	-0.09	0.0	405.0	-48.02	-911.01	54.86	-40.26	1.093e+04	-5.604e+04
201	59	3.477e+04	1.962e+04	-0.12	-1847.88	0.0	-34.79	949.38	97.73	-18.47	-1.996e+04	-6.396e+04
		-6.396e+04	-1.996e+04	-0.09	0.0	405.0	-34.79	-898.49	97.73	-18.47	1.962e+04	-5.359e+04
201	67	3.486e+04	1.582e+04	-0.12	-1847.88	0.0	-42.71	950.30	79.01	-17.20	-1.618e+04	-6.407e+04
		-6.407e+04	-1.618e+04	-0.08	0.0	405.0	-42.71	-897.57	79.01	-17.20	1.582e+04	-5.331e+04
201	74	3.485e+04	2577.49	-0.13	-1847.88	0.0	-34.35	924.80	13.53	-23.48	-2901.66	-5.887e+04
		-5.887e+04	-2901.66	-0.05	0.0	405.0	-34.35	-923.07	13.53	-23.48	2577.49	-5.852e+04
201	75	3.485e+04	2577.49	-0.13	-1847.88	0.0	-34.35	924.80	13.53	-23.48	-2901.66	-5.887e+04
		-5.887e+04	-2901.66	-0.05	0.0	405.0	-34.35	-923.07	13.53	-23.48	2577.49	-5.852e+04
201	76	3.485e+04	2577.49	-0.13	-1847.88	0.0	-34.35	924.80	13.53	-23.48	-2901.66	-5.887e+04
		-5.887e+04	-2901.66	-0.05	0.0	405.0	-34.35	-923.07	13.53	-23.48	2577.49	-5.852e+04
202	2	3.140e+04	2708.47	-0.17	-1847.88	0.0	-33.05	944.81	13.28	34.44	-2668.10	-6.638e+04
		-6.638e+04	-2668.10	-0.03	0.0	405.0	-33.05	-903.06	13.28	34.44	2708.47	-5.793e+04
202	3	5.582e+04	4193.67	-0.30	-3271.72	0.0	-60.82	1671.18	20.58	67.48	-4142.13	-1.170e+05
		-1.170e+05	-4142.13	-0.06	0.0	405.0	-60.82	-1600.55	20.58	67.48	4193.67	-1.027e+05
202	7	3.145e+04	2665.18	-0.17	-1847.88	0.0	-33.49	944.49	13.08	35.84	-2630.32	-6.626e+04
		-6.626e+04	-2630.32	-0.04	0.0	405.0	-33.49	-903.38	13.08	35.84	2665.18	-5.793e+04
202	8	4.143e+04	3130.44	-0.23	-2427.53	0.0	-45.18	1239.93	15.37	50.31	-3093.93	-8.676e+04
		-8.676e+04	-3093.93	-0.04	0.0	405.0	-45.18	-1187.61	15.37	50.31	3130.44	-7.617e+04
202	15	3.281e+04	1.422e+04	-0.18	-1847.88	0.0	-52.30	955.76	70.13	15.22	-1.418e+04	-6.610e+04
		-6.610e+04	-1.418e+04	-0.08	0.0	405.0	-52.30	-892.11	70.13	15.22	1.422e+04	-5.538e+04
202	27	3.193e+04	1.977e+04	-0.17	-1847.88	0.0	-49.50	967.88	97.54	41.16	-1.973e+04	-7.021e+04
		-7.021e+04	-1.973e+04	-0.09	0.0	405.0	-49.50	-879.99	97.54	41.16	1.977e+04	-5.303e+04
202	35	3.200e+04	1.566e+04	-0.17	-1847.88	0.0	-59.73	968.61	77.28	41.42	-1.564e+04	-7.030e+04
		-7.030e+04	-1.564e+04	0.04	0.0	405.0	-59.73	-879.26	77.28	41.42	1.566e+04	-5.280e+04
202	36	3.118e+04	1.057e+04	-0.17	-1847.88	0.0	-9.21	918.93	-52.11	36.61	1.057e+04	-6.165e+04
		-6.309e+04	-1.054e+04	-0.08	0.0	405.0	-9.21	-928.94	-52.11	36.61	-1.054e+04	-6.309e+04
202	37	3.127e+04	1.056e+04	-0.17	-1847.88	0.0	-52.97	965.62	52.14	57.59	-1.056e+04	-7.108e+04
		-7.108e+04	-1.056e+04	0.04	0.0	405.0	-52.97	-882.26	52.14	57.59	1.056e+04	-5.348e+04
202	47	3.281e+04	1.422e+04	-0.18	-1847.88	0.0	-52.30	955.76	70.13	15.22	-1.418e+04	-6.610e+04
		-6.610e+04	-1.418e+04	-0.08	0.0	405.0	-52.30	-892.11	70.13	15.22	1.422e+04	-5.538e+04
202	59	3.193e+04	1.977e+04	-0.17	-1847.88	0.0	-49.50	967.88	97.54	41.16	-1.973e+04	-7.021e+04
		-7.021e+04	-1.973e+04	-0.09	0.0	405.0	-49.50	-879.99	97.54	41.16	1.977e+04	-5.303e+04
202	67	3.200e+04	1.566e+04	-0.17	-1847.88	0.0	-59.73	968.61	77.28	41.42	-1.564e+04	-7.030e+04
		-7.030e+04	-1.564e+04	0.04	0.0	405.0	-59.73	-879.26	77.28	41.42	1.566e+04	-5.280e+04
202	68	3.118e+04	1.057e+04	-0.17	-1847.88	0.0	-9.21	918.93	-52.11	36.61	1.057e+04	-6.165e+04
		-6.309e+04	-1.054e+04	-0.08	0.0	405.0	-9.21	-928.94	-52.11	36.61	-1.054e+04	-6.309e+04
202	69	3.127e+04	1.056e+04	-0.17	-1847.88	0.0	-52.97	965.62	52.14	57.59	-1.056e+04	-7.108e+04
		-7.108e+04	-1.056e+04	0.04	0.0	405.0	-52.97	-882.26	52.14	57.59	1.056e+04	-5.348e+04
202	74	3.159e+04	2559.00	-0.17	-1847.88	0.0	-34.47	943.77	12.58	39.02	-2537.35	-6.598e+04
		-6.598e+04	-2537.35	-0.04	0.0	405.0	-34.47	-904.10	12.58	39.02	2559.00	-5.795e+04
202	75	3.159e+04	2559.00	-0.17	-1847.88	0.0	-34.47	943.77	12.58	39.02	-2537.35	-6.598e+04
		-6.598e+04	-2537.35	-0.04	0.0	405.0	-34.47	-904.10	12.58	39.02	2559.00	-5.795e+04
202	76	3.159e+04	2559.00	-0.17	-1847.88	0.0	-34.47	943.77	12.58	39.02	-2537.35	-6.598e+04
		-6.598e+04	-2537.35	-0.04	0.0	405.0	-34.47	-904.10	12.58	39.02	2559.00	-5.795e+04
203	2	6.261e+04	4775.99	-0.54	-1870.69	0.0	-15.95	794.96	30.50	222.82	-7729.39	-6.585.99
		-6.414e+04	-7729.39	0.03	0.0	410.0	-15.95	-1075.73	30.50	222.82	4775.99	-6.414e+04
203	3	1.109e+05	7960.92	-0.98	-3312.11	0.0	-29.27	1409.23	51.60	408.78	-1.319e+04	-1.190e+04
		-1.131e+05	-1.319e+04	0.05	0.0	410.0	-29.27	-1902.89	51.60	408.78	7960.92	-1.131e+05
203	7	6.265e+04	4747.50	-0.55	-1870.69	0.0	-16.17	795.38	30.37	226.59	-7705.43	-6.622.10
		-6.401e+04	-7705.43	0.03	0.0	410.0	-16.17	-1075.31	30.37	226.59	4747.50	-6.401e+04
203	8	8.231e+04	5925.60	-0.73	-2457.50	0.0	-21.74	1045.71	38.38	304.29	-9810.37	-8.831.71
		-8.388e+04	-9810.37	0.04	0.0	410.0	-21.74	-1411.79	38.38	304.29	5925.60	-8.388e+04
203	29	6.108e+04	2.216e+04	-0.54	-1870.69	0.0	-38.56	820.78	115.76	231.67	-2.530e+04	-1.275e+04

		-5.972e+04	-2.530e+04	-0.07	0.0	410.0	-38.56	-1049.91	115.76	231.67	2.216e+04	-5.972e+04
203	36	6.475e+04	595.04	-0.56	-1870.69	0.0	31.43	764.55	-10.12	233.95	595.04	1035.45
		-6.905e+04	-3554.95	-0.05	0.0	410.0	31.43	-1106.14	-10.12	233.95	-3554.95	-6.905e+04
203	38	6.518e+04	4699.37	-0.57	-1870.69	0.0	23.41	769.62	-30.00	209.65	4699.37	970.02
		-6.799e+04	-7599.25	-0.05	0.0	410.0	23.41	-1101.07	-30.00	209.65	-7599.25	-6.799e+04
203	39	6.127e+04	1.387e+04	-0.55	-1870.69	0.0	-65.43	827.69	74.96	238.59	-1.686e+04	-1.337e+04
		-5.847e+04	-1.686e+04	0.06	0.0	410.0	-65.43	-1043.00	74.96	238.59	1.387e+04	-5.847e+04
203	40	6.420e+04	1575.56	-0.56	-1870.69	0.0	32.12	765.01	-14.87	232.07	1575.56	-39.80
		-6.891e+04	-4520.82	-0.07	0.0	410.0	32.12	-1105.68	-14.87	232.07	-4520.82	-6.891e+04
203	61	6.108e+04	2.216e+04	-0.54	-1870.69	0.0	-38.56	820.78	115.76	231.67	-2.530e+04	-1.275e+04
		-5.972e+04	-2.530e+04	-0.07	0.0	410.0	-38.56	-1049.91	115.76	231.67	2.216e+04	-5.972e+04
203	68	6.475e+04	595.04	-0.56	-1870.69	0.0	31.43	764.55	-10.12	233.95	595.04	1035.45
		-6.905e+04	-3554.95	-0.05	0.0	410.0	31.43	-1106.14	-10.12	233.95	-3554.95	-6.905e+04
203	70	6.518e+04	4699.37	-0.57	-1870.69	0.0	23.41	769.62	-30.00	209.65	4699.37	970.02
		-6.799e+04	-7599.25	-0.05	0.0	410.0	23.41	-1101.07	-30.00	209.65	-7599.25	-6.799e+04
203	71	6.127e+04	1.387e+04	-0.55	-1870.69	0.0	-65.43	827.69	74.96	238.59	-1.686e+04	-1.337e+04
		-5.847e+04	-1.686e+04	0.06	0.0	410.0	-65.43	-1043.00	74.96	238.59	1.387e+04	-5.847e+04
203	72	6.420e+04	1575.56	-0.56	-1870.69	0.0	32.12	765.01	-14.87	232.07	1575.56	-39.80
		-6.891e+04	-4520.82	-0.07	0.0	410.0	32.12	-1105.68	-14.87	232.07	-4520.82	-6.891e+04
203	74	6.274e+04	4675.34	-0.56	-1870.69	0.0	-16.66	796.35	30.05	235.33	-7643.67	-6706.05
		-6.369e+04	-7643.67	0.03	0.0	410.0	-16.66	-1074.34	30.05	235.33	4675.34	-6.369e+04
203	75	6.274e+04	4675.34	-0.56	-1870.69	0.0	-16.66	796.35	30.05	235.33	-7643.67	-6706.05
		-6.369e+04	-7643.67	0.03	0.0	410.0	-16.66	-1074.34	30.05	235.33	4675.34	-6.369e+04
203	76	6.274e+04	4675.34	-0.56	-1870.69	0.0	-16.66	796.35	30.05	235.33	-7643.67	-6706.05
		-6.369e+04	-7643.67	0.03	0.0	410.0	-16.66	-1074.34	30.05	235.33	4675.34	-6.369e+04
204	3	1.076e+05	1.310e+04	-0.80	-3382.31	0.0	83.21	1439.54	84.98	667.53	-2.174e+04	-1.791e+04
		-1.211e+05	-2.174e+04	-0.09	0.0	410.0	83.21	-1942.77	84.98	667.53	1.310e+04	-1.211e+05
204	6	6.130e+04	7587.30	-0.46	-1924.69	0.0	48.82	818.99	49.03	384.92	-1.252e+04	-1.009e+04
		-6.886e+04	-1.252e+04	-0.05	0.0	410.0	48.82	-1105.70	49.03	384.92	7587.30	-6.886e+04
204	8	7.990e+04	9744.60	-0.59	-2511.50	0.0	61.96	1068.92	63.19	496.87	-1.616e+04	-1.329e+04
		-8.989e+04	-1.616e+04	-0.07	0.0	410.0	61.96	-1442.58	63.19	496.87	9744.60	-8.989e+04
204	9	6.129e+04	7589.20	-0.45	-1924.69	0.0	48.86	818.94	49.04	383.94	-1.252e+04	-1.008e+04
		-6.888e+04	-1.252e+04	-0.05	0.0	410.0	48.86	-1105.74	49.04	383.94	7589.20	-6.888e+04
204	22	6.463e+04	350.75	-0.49	-1924.69	0.0	78.80	792.62	-13.31	363.98	350.75	-4387.69
		-6.858e+04	-5107.78	0.03	0.0	410.0	78.80	-1132.06	-13.31	363.98	-5107.78	-6.858e+04
204	29	5.960e+04	3.135e+04	-0.44	-1924.69	0.0	7.12	854.54	165.65	371.29	-3.656e+04	-1.815e+04
		-6.237e+04	-3.656e+04	0.12	0.0	410.0	7.12	-1070.15	165.65	371.29	3.135e+04	-6.237e+04
204	30	6.396e+04	1.077e+04	-0.48	-1924.69	0.0	101.11	774.92	-63.88	399.01	1.077e+04	-301.74
		-7.555e+04	-1.542e+04	-0.14	0.0	410.0	101.11	-1149.77	-63.88	399.01	-1.542e+04	-7.555e+04
204	33	5.871e+04	3.060e+04	-0.43	-1924.69	0.0	-3.38	862.97	161.96	368.86	-3.580e+04	-1.986e+04
		-6.220e+04	-3.580e+04	0.11	0.0	410.0	-3.38	-1061.72	161.96	368.86	3.060e+04	-6.220e+04
204	36	6.372e+04	6040.84	-0.46	-1924.69	0.0	92.45	770.27	-41.16	372.30	6040.84	791.60
		-7.801e+04	-1.083e+04	-0.09	0.0	410.0	92.45	-1154.41	-41.16	372.30	-1.083e+04	-7.801e+04
204	54	6.463e+04	350.75	-0.49	-1924.69	0.0	78.80	792.62	-13.31	363.98	350.75	-4387.69
		-6.858e+04	-5107.78	0.03	0.0	410.0	78.80	-1132.06	-13.31	363.98	-5107.78	-6.858e+04
204	61	5.960e+04	3.135e+04	-0.44	-1924.69	0.0	7.12	854.54	165.65	371.29	-3.656e+04	-1.815e+04
		-6.237e+04	-3.656e+04	0.12	0.0	410.0	7.12	-1070.15	165.65	371.29	3.135e+04	-6.237e+04
204	62	6.396e+04	1.077e+04	-0.48	-1924.69	0.0	101.11	774.92	-63.88	399.01	1.077e+04	-301.74
		-7.555e+04	-1.542e+04	-0.14	0.0	410.0	101.11	-1149.77	-63.88	399.01	-1.542e+04	-7.555e+04
204	65	5.871e+04	3.060e+04	-0.43	-1924.69	0.0	-3.38	862.97	161.96	368.86	-3.580e+04	-1.986e+04
		-6.220e+04	-3.580e+04	0.11	0.0	410.0	-3.38	-1061.72	161.96	368.86	3.060e+04	-6.220e+04
204	68	6.372e+04	6040.84	-0.46	-1924.69	0.0	92.45	770.27	-41.16	372.30	6040.84	791.60
		-7.801e+04	-1.083e+04	-0.09	0.0	410.0	92.45	-1154.41	-41.16	372.30	-1.083e+04	-7.801e+04
204	74	6.129e+04	7589.20	-0.45	-1924.69	0.0	48.86	818.94	49.04	383.94	-1.252e+04	-1.008e+04
		-6.888e+04	-1.252e+04	-0.05	0.0	410.0	48.86	-1105.74	49.04	383.94	7589.20	-6.888e+04
204	75	6.129e+04	7589.20	-0.45	-1924.69	0.0	48.86	818.94	49.04	383.94	-1.252e+04	-1.008e+04
		-6.888e+04	-1.252e+04	-0.05	0.0	410.0	48.86	-1105.74	49.04	383.94	7589.20	-6.888e+04
204	76	6.129e+04	7589.20	-0.45	-1924.69	0.0	48.86	818.94	49.04	383.94	-1.252e+04	-1.008e+04
		-6.888e+04	-1.252e+04	-0.05	0.0	410.0	48.86	-1105.74	49.04	383.94	7589.20	-6.888e+04
205	2	3.051e+04	3062.38	-0.15	-1901.22	0.0	-25.23	982.72	14.50	55.50	-2809.40	-7.224e+04
		-7.224e+04	-2809.40	-0.04	0.0	405.0	-25.23	-918.49	14.50	55.50	3062.38	-5.923e+04
205	3	5.381e+04	4924.45	-0.27	-3341.06	0.0	-47.28	1724.95	23.29	108.59	-4509.38	-1.264e+05
		-1.264e+05	-4509.38	-0.07	0.0	405.0	-47.28	-1616.11	23.29	108.59	4924.45	-1.264e+05
205	7	3.054e+04	3026.87	-0.15	-1901.22	0.0	-25.93	982.43	14.33	57.70	-2778.48	-7.215e+04
		-7.215e+04	-2778.48	-0.04	0.0	405.0	-25.93	-918.79	14.33	57.70	3026.87	-5.927e+04
205	8	3.996e+04	3670.56	-0.20	-2480.87	0.0	-35.28	1280.85	17.37	80.95	-3363.08	-9.382e+04
		-9.382e+04	-3363.08	-0.05	0.0	405.0	-35.28	-1200.02	17.37	80.95	3670.56	-7.745e+04
205	10	3.266e+04	5254.28	-0.17	-1901.22	0.0	-30.35	979.42	25.26	46.54	-4976.71	-6.745e+04
		-6.745e+04	-4976.71	-0.08	0.0	405.0	-30.35	-921.79	25.26	46.54	5254.28	-5.972e+04
205	27	3.135e+04	2.649e+04	-0.15	-1901.22	0.0	-55.47	1022.02	130.15	64.18	-2.622e+04	-7.901e+04
		-7.901e+04	-2.622e+04	-0.11	0.0	405.0	-55.47	-879.20	130.15	64.18	2.649e+04	-5.126e+04
205	30	3.129e+04	2.024e+04	-0.16	-1901.22	0.0	1.03	941.46	-99.42	52.98	2.024e+04	-6.364e+04
		-6.628e+04	-2.003e+04	-0.05	0.0	405.0	1.03	-959.76	-99.42	52.98	-2.003e+04	-6.628e+04
205	33	3.015e+04	2.591e+04	-0.15	-1901.22	0.0	-56.20	1022.09	127.31	72.39	-2.565e+04	-8.028e+04
		-8.028e+04	-2.565e+04	-0.10	0.0	405.0	-56.20	-879.12	127.31	72.39	2.591e+04	-5.240e+04
205	35	3.148e+04	2.648e+04	-0.15	-1901.22	0.0	-51.34	1025.38	130.13	63.96	-2.622e+04	-7.964e+04
		-7.964e+04	-2.622e+04	0.06	0.0	405.0	-51.34	-875.84	130.13	63.96	2.648e+04	-5.052e+04

205	37	3.027e+04	2.132e+04	-0.15	-1901.22	0.0	-45.22	1020.03	104.71	72.60	-2.109e+04	-8.096e+04
		-8.096e+04	-2.109e+04	0.05	0.0	405.0	-45.22	-881.19	104.71	72.60	2.132e+04	-5.165e+04
205	42	3.266e+04	5254.28	-0.17	-1901.22	0.0	-30.35	979.42	25.26	46.54	-4976.71	-6.745e+04
		-6.745e+04	-4976.71	-0.08	0.0	405.0	-30.35	-921.79	25.26	46.54	5254.28	-5.972e+04
205	59	3.135e+04	2.649e+04	-0.15	-1901.22	0.0	-55.47	1022.02	130.15	64.18	-2.622e+04	-7.901e+04
		-7.901e+04	-2.622e+04	-0.11	0.0	405.0	-55.47	-879.20	130.15	64.18	2.649e+04	-5.126e+04
205	62	3.129e+04	2.024e+04	-0.16	-1901.22	0.0	1.03	941.46	-99.42	52.98	2.024e+04	-6.364e+04
		-6.628e+04	-2.003e+04	-0.05	0.0	405.0	1.03	-959.76	-99.42	52.98	-2.003e+04	-6.628e+04
205	65	3.015e+04	2.591e+04	-0.15	-1901.22	0.0	-56.20	1022.09	127.31	72.39	-2.565e+04	-8.028e+04
		-8.028e+04	-2.565e+04	-0.10	0.0	405.0	-56.20	-879.12	127.31	72.39	2.591e+04	-5.240e+04
205	67	3.148e+04	2.648e+04	-0.15	-1901.22	0.0	-51.34	1025.38	130.13	63.96	-2.622e+04	-7.964e+04
		-7.964e+04	-2.622e+04	0.06	0.0	405.0	-51.34	-875.84	130.13	63.96	2.648e+04	-5.052e+04
205	69	3.027e+04	2.132e+04	-0.15	-1901.22	0.0	-45.22	1020.03	104.71	72.60	-2.109e+04	-8.096e+04
		-8.096e+04	-2.109e+04	0.05	0.0	405.0	-45.22	-881.19	104.71	72.60	2.132e+04	-5.165e+04
205	74	3.060e+04	2941.89	-0.15	-1901.22	0.0	-27.59	981.77	13.94	62.69	-2705.10	-7.196e+04
		-7.196e+04	-2705.10	-0.04	0.0	405.0	-27.59	-919.44	13.94	62.69	2941.89	-5.934e+04
205	75	3.060e+04	2941.89	-0.15	-1901.22	0.0	-27.59	981.77	13.94	62.69	-2705.10	-7.196e+04
		-7.196e+04	-2705.10	-0.04	0.0	405.0	-27.59	-919.44	13.94	62.69	2941.89	-5.934e+04
205	76	3.060e+04	2941.89	-0.15	-1901.22	0.0	-27.59	981.77	13.94	62.69	-2705.10	-7.196e+04
		-7.196e+04	-2705.10	-0.04	0.0	405.0	-27.59	-919.44	13.94	62.69	2941.89	-5.934e+04
206	2	3.531e+04	2248.78	-0.13	-1901.22	0.0	-40.84	952.81	12.72	-31.59	-2903.48	-6.139e+04
		-6.139e+04	-2903.48	-0.05	0.0	405.0	-40.84	-948.41	12.72	-31.59	2248.78	-6.050e+04
206	3	6.205e+04	3346.14	-0.23	-3341.06	0.0	-75.39	1674.19	19.36	-57.56	-4495.68	-1.078e+05
		-1.078e+05	-4495.68	-0.08	0.0	405.0	-75.39	-1666.87	19.36	-57.56	3346.14	-1.063e+05
206	7	3.529e+04	2205.60	-0.13	-1901.22	0.0	-41.80	952.77	12.50	-32.37	-2856.96	-6.140e+04
		-6.140e+04	-2856.96	-0.05	0.0	405.0	-41.80	-948.45	12.50	-32.37	2205.60	-6.052e+04
206	8	4.607e+04	2503.99	-0.17	-2480.87	0.0	-56.23	1243.15	14.47	-43.04	-3356.77	-8.007e+04
		-8.007e+04	-3356.77	-0.06	0.0	405.0	-56.23	-1237.72	14.47	-43.04	2503.99	-7.897e+04
206	15	3.486e+04	1.536e+04	-0.12	-1901.22	0.0	-37.30	974.77	77.34	-48.86	-1.596e+04	-6.641e+04
		-6.641e+04	-1.596e+04	-0.13	0.0	405.0	-37.30	-926.44	77.34	-48.86	1.536e+04	-5.637e+04
206	16	3.566e+04	1.047e+04	-0.14	-1901.22	0.0	-50.70	930.61	-53.42	-19.61	1.047e+04	-5.641e+04
		-6.477e+04	-1.116e+04	0.05	0.0	405.0	-50.70	-970.61	-53.42	-19.61	-1.116e+04	-6.477e+04
206	23	3.725e+04	1.402e+04	-0.14	-1901.22	0.0	-37.51	973.80	70.75	-52.27	-1.464e+04	-6.170e+04
		-6.170e+04	-1.464e+04	-0.09	0.0	405.0	-37.51	-927.42	70.75	-52.27	1.402e+04	-5.630e+04
206	35	3.522e+04	2.543e+04	-0.13	-1901.22	0.0	-39.51	996.95	127.19	-24.70	-2.609e+04	-7.046e+04
		-7.046e+04	-2.609e+04	-0.09	0.0	405.0	-39.51	-904.27	127.19	-24.70	2.543e+04	-5.160e+04
206	47	3.486e+04	1.536e+04	-0.12	-1901.22	0.0	-37.30	974.77	77.34	-48.86	-1.596e+04	-6.641e+04
		-6.641e+04	-1.596e+04	-0.13	0.0	405.0	-37.30	-926.44	77.34	-48.86	1.536e+04	-5.637e+04
206	48	3.566e+04	1.047e+04	-0.14	-1901.22	0.0	-50.70	930.61	-53.42	-19.61	1.047e+04	-5.641e+04
		-6.477e+04	-1.116e+04	0.05	0.0	405.0	-50.70	-970.61	-53.42	-19.61	-1.116e+04	-6.477e+04
206	55	3.725e+04	1.402e+04	-0.14	-1901.22	0.0	-37.51	973.80	70.75	-52.27	-1.464e+04	-6.170e+04
		-6.170e+04	-1.464e+04	-0.09	0.0	405.0	-37.51	-927.42	70.75	-52.27	1.402e+04	-5.630e+04
206	67	3.522e+04	2.543e+04	-0.13	-1901.22	0.0	-39.51	996.95	127.19	-24.70	-2.609e+04	-7.046e+04
		-7.046e+04	-2.609e+04	-0.09	0.0	405.0	-39.51	-904.27	127.19	-24.70	2.543e+04	-5.160e+04
206	74	3.526e+04	2099.23	-0.13	-1901.22	0.0	-44.00	952.69	11.96	-34.23	-2744.91	-6.141e+04
		-6.141e+04	-2744.91	-0.05	0.0	405.0	-44.00	-948.52	11.96	-34.23	2099.23	-6.057e+04
206	75	3.526e+04	2099.23	-0.13	-1901.22	0.0	-44.00	952.69	11.96	-34.23	-2744.91	-6.141e+04
		-6.141e+04	-2744.91	-0.05	0.0	405.0	-44.00	-948.52	11.96	-34.23	2099.23	-6.057e+04
206	76	3.526e+04	2099.23	-0.13	-1901.22	0.0	-44.00	952.69	11.96	-34.23	-2744.91	-6.141e+04
		-6.141e+04	-2744.91	-0.05	0.0	405.0	-44.00	-948.52	11.96	-34.23	2099.23	-6.057e+04
207	1	3.761e+04	1928.35	0.10	-2471.58	0.0	-32.09	1193.58	7.56	-137.49	-1131.96	-7.896e+04
		-9.606e+04	-1131.96	-0.02	0.0	405.0	-32.09	-1278.00	7.56	-137.49	1928.35	-9.606e+04
207	2	2.894e+04	1521.73	0.08	-1901.22	0.0	-24.38	918.18	6.01	-104.02	-911.71	-6.074e+04
		-7.387e+04	-911.71	-0.02	0.0	405.0	-24.38	-983.04	6.01	-104.02	1521.73	-7.387e+04
207	3	5.111e+04	1659.77	0.15	-3341.06	0.0	-43.29	1612.59	5.61	-195.16	-612.97	-1.063e+05
		-1.298e+05	-612.97	-0.02	0.0	405.0	-43.29	-1728.47	5.61	-195.16	1659.77	-1.298e+05
207	7	2.894e+04	1433.18	0.08	-1901.22	0.0	-24.92	918.06	5.56	-107.24	-819.84	-6.072e+04
		-7.390e+04	-819.84	-0.02	0.0	405.0	-24.92	-983.15	5.56	-107.24	1433.18	-7.390e+04
207	8	3.793e+04	1254.12	0.11	-2480.87	0.0	-32.39	1197.40	4.27	-145.69	-473.84	-7.895e+04
		-9.638e+04	-473.84	-0.02	0.0	405.0	-32.39	-1283.47	4.27	-145.69	1254.12	-9.638e+04
207	19	3.050e+04	1.328e+04	0.09	-1901.22	0.0	-9.53	936.28	63.82	-129.44	-1.257e+04	-6.115e+04
		-7.035e+04	-1.257e+04	-0.11	0.0	405.0	-9.53	-964.93	63.82	-129.44	1.328e+04	-7.035e+04
207	27	2.900e+04	2.420e+04	0.11	-1901.22	0.0	1.01	957.71	117.93	-107.71	-2.356e+04	-6.876e+04
		-6.876e+04	-2.356e+04	-0.07	0.0	405.0	1.01	-943.50	117.93	-107.71	2.420e+04	-6.574e+04
207	28	2.922e+04	2.237e+04	-0.08	-1901.22	0.0	-53.29	877.79	-109.00	-121.46	2.237e+04	-5.256e+04
		-8.220e+04	-2.178e+04	-0.05	0.0	405.0	-53.29	-1023.42	-109.00	-121.46	-2.178e+04	-8.220e+04
207	35	2.893e+04	2.492e+04	0.10	-1901.22	0.0	-1.95	960.93	121.41	-106.16	-2.426e+04	-6.948e+04
		-6.948e+04	-2.426e+04	-0.09	0.0	405.0	-1.95	-940.28	121.41	-106.16	2.492e+04	-6.515e+04
207	36	2.936e+04	2.307e+04	-0.08	-1901.22	0.0	-50.34	874.57	-112.48	-123.01	2.307e+04	-5.184e+04
		-8.279e+04	-2.249e+04	0.06	0.0	405.0	-50.34	-1026.65	-112.48	-123.01	-2.249e+04	-8.279e+04
207	39	2.945e+04	2.490e+04	0.10	-1901.22	0.0	-3.10	961.05	121.40	-107.26	-2.426e+04	-6.842e+04
		-6.842e+04	-2.426e+04	-0.09	0.0	405.0	-3.10	-940.16	121.40	-107.26	2.490e+04	-6.519e+04
207	51	3.050e+04	1.328e+04	0.09	-1901.22	0.0	-9.53	936.28	63.82	-129.44	-1.257e+04	-6.115e+04
		-7.035e+04	-1.257e+04	-0.11	0.0	405.0	-9.53	-964.93	63.82	-129.44	1.328e+04	-7.035e+04
207	59	2.900e+04	2.420e+04	0.11	-1901.22	0.0	1.01	957.71	117.93	-107.71	-2.356e+04	-6.876e+04
		-6.876e+04	-2.356e+04	-0.07	0.0	405.0	1.01	-943.50	117.93	-107.71	2.420e+04	-6.574e+04
207	60	2.922e+04	2.237e+04	-0.08	-1901.22	0.0	-53.29	877.79	-109.00	-121.46	2.237e+04	-5.256e+04

		-8.220e+04	-2.178e+04	-0.05	0.0	405.0	-53.29	-1023.42	-109.00	-121.46	-2.178e+04	-8.220e+04
207	67	2.893e+04	2.492e+04	0.10	-1901.22	0.0	-1.95	960.93	121.41	-106.16	-2.426e+04	-6.948e+04
		-6.948e+04	-2.426e+04	-0.09	0.0	405.0	-1.95	-940.28	121.41	-106.16	2.492e+04	-6.515e+04
207	68	2.936e+04	2.307e+04	-0.08	-1901.22	0.0	-50.34	874.57	-112.48	-123.01	2.307e+04	-5.184e+04
		-8.279e+04	-2.249e+04	0.06	0.0	405.0	-50.34	-1026.65	-112.48	-123.01	-2.249e+04	-8.279e+04
207	71	2.945e+04	2.490e+04	0.10	-1901.22	0.0	-3.10	961.05	121.40	-107.26	-2.426e+04	-6.842e+04
		-6.842e+04	-2.426e+04	-0.09	0.0	405.0	-3.10	-940.16	121.40	-107.26	2.490e+04	-6.519e+04
207	74	2.893e+04	1213.51	0.08	-1901.22	0.0	-26.14	917.75	4.46	-114.58	-594.06	-6.066e+04
		-7.397e+04	-594.06	-0.02	0.0	405.0	-26.14	-983.46	4.46	-114.58	1213.51	-7.397e+04
207	75	2.893e+04	1213.51	0.08	-1901.22	0.0	-26.14	917.75	4.46	-114.58	-594.06	-6.066e+04
		-7.397e+04	-594.06	-0.02	0.0	405.0	-26.14	-983.46	4.46	-114.58	1213.51	-7.397e+04
207	76	2.893e+04	1213.51	0.08	-1901.22	0.0	-26.14	917.75	4.46	-114.58	-594.06	-6.066e+04
		-7.397e+04	-594.06	-0.02	0.0	405.0	-26.14	-983.46	4.46	-114.58	1213.51	-7.397e+04
208	3	1.056e+05	1.251e+04	0.47	-3382.26	0.0	84.41	1957.57	-80.76	-602.01	1.251e+04	-1.265e+05
		-1.265e+05	-2.060e+04	0.21	0.0	410.0	84.41	-1424.70	-80.76	-602.01	-2.060e+04	-1.722e+04
208	6	6.012e+04	6874.98	0.26	-1924.66	0.0	49.12	1115.16	-44.75	-348.81	6874.98	-7.223e+04
		-7.223e+04	-1.147e+04	0.12	0.0	410.0	49.12	-809.50	-44.75	-348.81	-1.147e+04	-9566.57
208	8	7.843e+04	9277.64	0.35	-2511.46	0.0	62.80	1453.68	-59.92	-448.06	9277.64	-9.392e+04
		-9.392e+04	-1.529e+04	0.16	0.0	410.0	62.80	-1057.78	-59.92	-448.06	-1.529e+04	-1.276e+04
208	9	6.012e+04	6830.75	0.26	-1924.66	0.0	49.16	1115.25	-44.53	-348.41	6830.75	-7.224e+04
		-7.224e+04	-1.143e+04	0.12	0.0	410.0	49.16	-809.41	-44.53	-348.41	-1.143e+04	-9549.03
208	27	6.224e+04	1.155e+04	0.29	-1924.66	0.0	99.14	1158.07	66.81	-350.92	-1.585e+04	-8.049e+04
		-8.049e+04	-1.585e+04	0.09	0.0	410.0	99.14	-766.59	66.81	-350.92	1.155e+04	-83.31
208	28	5.840e+04	2.951e+04	0.22	-1924.66	0.0	-0.82	1072.42	-155.87	-345.91	2.951e+04	-6.400e+04
		-6.400e+04	-3.440e+04	0.17	0.0	410.0	-0.82	-852.24	-155.87	-345.91	-3.440e+04	-1.901e+04
208	39	6.262e+04	1.266e+04	0.29	-1924.66	0.0	91.45	1165.36	72.22	-350.40	-1.695e+04	-8.195e+04
		-8.195e+04	-1.695e+04	0.08	0.0	410.0	91.45	-759.30	72.22	-350.40	1.266e+04	1397.43
208	40	5.821e+04	3.061e+04	0.22	-1924.66	0.0	6.86	1065.14	-161.28	-346.43	3.061e+04	-6.254e+04
		-6.254e+04	-3.551e+04	0.20	0.0	410.0	6.86	-859.52	-161.28	-346.43	-3.551e+04	-2.050e+04
208	59	6.224e+04	1.155e+04	0.29	-1924.66	0.0	99.14	1158.07	66.81	-350.92	-1.585e+04	-8.049e+04
		-8.049e+04	-1.585e+04	0.09	0.0	410.0	99.14	-766.59	66.81	-350.92	1.155e+04	-83.31
208	60	5.840e+04	2.951e+04	0.22	-1924.66	0.0	-0.82	1072.42	-155.87	-345.91	2.951e+04	-6.400e+04
		-6.400e+04	-3.440e+04	0.17	0.0	410.0	-0.82	-852.24	-155.87	-345.91	-3.440e+04	-1.901e+04
208	71	6.262e+04	1.266e+04	0.29	-1924.66	0.0	91.45	1165.36	72.22	-350.40	-1.695e+04	-8.195e+04
		-8.195e+04	-1.695e+04	0.08	0.0	410.0	91.45	-759.30	72.22	-350.40	1.266e+04	1397.43
208	72	5.821e+04	3.061e+04	0.22	-1924.66	0.0	6.86	1065.14	-161.28	-346.43	3.061e+04	-6.254e+04
		-6.254e+04	-3.551e+04	0.20	0.0	410.0	6.86	-859.52	-161.28	-346.43	-3.551e+04	-2.050e+04
208	74	6.012e+04	6830.75	0.26	-1924.66	0.0	49.16	1115.25	-44.53	-348.41	6830.75	-7.224e+04
		-7.224e+04	-1.143e+04	0.12	0.0	410.0	49.16	-809.41	-44.53	-348.41	-1.143e+04	-9549.03
208	75	6.012e+04	6830.75	0.26	-1924.66	0.0	49.16	1115.25	-44.53	-348.41	6830.75	-7.224e+04
		-7.224e+04	-1.143e+04	0.12	0.0	410.0	49.16	-809.41	-44.53	-348.41	-1.143e+04	-9549.03
208	76	6.012e+04	6830.75	0.26	-1924.66	0.0	49.16	1115.25	-44.53	-348.41	6830.75	-7.224e+04
		-7.224e+04	-1.143e+04	0.12	0.0	410.0	49.16	-809.41	-44.53	-348.41	-1.143e+04	-9549.03
209	2	5.563e+04	8994.79	-0.20	-2141.62	0.0	-561.31	1193.01	-59.03	-291.06	8994.79	-8.059e+04
		-8.059e+04	-1.521e+04	0.17	0.0	410.0	-561.31	-948.61	-59.03	-291.06	-1.521e+04	-3.049e+04
209	3	9.532e+04	1.726e+04	-0.34	-3664.31	0.0	-991.26	2034.93	-110.47	-528.56	1.726e+04	-2.050e+05
		-1.363e+05	-2.803e+04	0.33	0.0	410.0	-991.26	-1629.37	-110.47	-528.56	-2.803e+04	-5.316e+04
209	7	5.563e+04	9159.62	-0.20	-2141.62	0.0	-563.11	1192.64	-59.84	-295.24	9159.62	-8.051e+04
		-8.051e+04	-1.537e+04	0.18	0.0	410.0	-563.11	-948.98	-59.84	-295.24	-1.537e+04	-3.056e+04
209	8	7.096e+04	1.281e+04	-0.25	-2728.42	0.0	-737.11	1515.41	-82.04	-393.44	1.281e+04	-1.016e+05
		-1.016e+05	-2.082e+04	0.24	0.0	410.0	-737.11	-1213.01	-82.04	-393.44	-2.082e+04	-3.956e+04
209	34	5.369e+04	3.177e+04	-0.21	-2141.62	0.0	-668.08	1134.21	-171.02	-300.05	3.177e+04	-6.909e+04
		-6.909e+04	-3.835e+04	0.23	0.0	410.0	-668.08	-1007.41	-171.02	-300.05	-3.835e+04	-4.305e+04
209	35	5.776e+04	8546.29	-0.19	-2141.62	0.0	-511.38	1256.65	55.83	-320.32	-1.434e+04	-9.320e+04
		-9.320e+04	-1.434e+04	0.13	0.0	410.0	-511.38	-884.97	55.83	-320.32	8546.29	-1.691e+04
209	37	5.762e+04	6750.95	-0.19	-2141.62	0.0	-468.39	1249.03	47.25	-309.66	-1.262e+04	-9.150e+04
		-9.150e+04	-1.262e+04	0.15	0.0	410.0	-468.39	-892.58	47.25	-309.66	6750.95	-1.848e+04
209	39	5.772e+04	8965.32	-0.19	-2141.62	0.0	-469.28	1257.18	57.81	-320.10	-1.474e+04	-9.334e+04
		-9.334e+04	-1.474e+04	0.12	0.0	410.0	-469.28	-884.44	57.81	-320.10	8965.32	-1.687e+04
209	40	5.380e+04	3.389e+04	-0.22	-2141.62	0.0	-667.19	1126.07	-181.58	-289.60	3.389e+04	-6.725e+04
		-6.725e+04	-4.056e+04	0.27	0.0	410.0	-667.19	-1015.55	-181.58	-289.60	-4.056e+04	-4.466e+04
209	66	5.369e+04	3.177e+04	-0.21	-2141.62	0.0	-668.08	1134.21	-171.02	-300.05	3.177e+04	-6.909e+04
		-6.909e+04	-3.835e+04	0.23	0.0	410.0	-668.08	-1007.41	-171.02	-300.05	-3.835e+04	-4.305e+04
209	67	5.776e+04	8546.29	-0.19	-2141.62	0.0	-511.38	1256.65	55.83	-320.32	-1.434e+04	-9.320e+04
		-9.320e+04	-1.434e+04	0.13	0.0	410.0	-511.38	-884.97	55.83	-320.32	8546.29	-1.691e+04
209	69	5.762e+04	6750.95	-0.19	-2141.62	0.0	-468.39	1249.03	47.25	-309.66	-1.262e+04	-9.150e+04
		-9.150e+04	-1.262e+04	0.15	0.0	410.0	-468.39	-892.58	47.25	-309.66	6750.95	-1.848e+04
209	71	5.772e+04	8965.32	-0.19	-2141.62	0.0	-469.28	1257.18	57.81	-320.10	-1.474e+04	-9.334e+04
		-9.334e+04	-1.474e+04	0.12	0.0	410.0	-469.28	-884.44	57.81	-320.10	8965.32	-1.687e+04
209	72	5.380e+04	3.389e+04	-0.22	-2141.62	0.0	-667.19	1126.07	-181.58	-289.60	3.389e+04	-6.725e+04
		-6.725e+04	-4.056e+04	0.27	0.0	410.0	-667.19	-1015.55	-181.58	-289.60	-4.056e+04	-4.466e+04
209	74	5.561e+04	9573.70	-0.20	-2141.62	0.0	-568.23	1191.62	-61.88	-304.85	9573.70	-8.030e+04
		-8.030e+04	-1.580e+04	0.18	0.0	410.0	-568.23	-950.00	-61.88	-304.85	-1.580e+04	-3.076e+04
209	75	5.561e+04	9573.70	-0.20	-2141.62	0.0	-568.23	1191.62	-61.88	-304.85	9573.70	-8.030e+04
		-8.030e+04	-1.580e+04	0.18	0.0	410.0	-568.23	-950.00	-61.88	-304.85	-1.580e+04	-3.076e+04
209	76	5.561e+04	9573.70	-0.20	-2141.62	0.0	-568.23	1191.62	-61.88	-304.85	9573.70	-8.030e+04
		-8.030e+04	-1.580e+04	0.18	0.0	410.0	-568.23	-950.00	-61.88	-304.85	-1.580e+04	-3.076e+04

210	1	3.450e+05	-6506.04	0.19	-6698.25	0.0	6780.70	3308.46	47.38	4284.91	-6.076e+04	-5.904e+05
		-6.370e+05	-6.076e+04	0.18	0.0	1145.0	6780.70	-3389.79	47.38	4284.91	-6506.04	-6.370e+05
210	3	3.446e+05	2137.16	0.21	-6698.25	0.0	8977.92	3338.24	85.33	3773.82	-9.557e+04	-6.078e+05
		-6.203e+05	-9.557e+04	0.23	0.0	1145.0	8977.92	-3360.01	85.33	3773.82	2137.16	-6.203e+05
210	4	2.649e+05	2995.50	0.17	-5152.50	0.0	7436.33	2572.32	72.93	2851.32	-8.051e+04	-4.703e+05
		-4.748e+05	-8.051e+04	0.19	0.0	1145.0	7436.33	-2580.18	72.93	2851.32	2995.50	-4.748e+05
210	5	3.458e+05	-1416.97	0.18	-6698.25	0.0	6578.85	3331.16	58.61	3516.10	-6.853e+04	-6.026e+05
		-6.232e+05	-6.853e+04	0.18	0.0	1145.0	6578.85	-3367.09	58.61	3516.10	-1416.97	-6.232e+05
210	6	2.660e+05	-558.63	0.13	-5152.50	0.0	5037.26	2565.24	46.22	2593.60	-5.348e+04	-4.651e+05
		-4.777e+05	-5.348e+04	0.14	0.0	1145.0	5037.26	-2587.26	46.22	2593.60	-558.63	-4.777e+05
210	7	2.655e+05	-4251.67	0.14	-5152.50	0.0	5185.05	2548.52	38.09	3168.93	-4.786e+04	-4.561e+05
		-4.879e+05	-4.786e+04	0.14	0.0	1145.0	5185.05	-2603.98	38.09	3168.93	-4251.67	-4.879e+05
210	8	2.653e+05	1510.47	0.16	-5152.50	0.0	6649.86	2568.37	63.39	2828.21	-7.107e+04	-4.677e+05
		-4.767e+05	-7.107e+04	0.17	0.0	1145.0	6649.86	-2584.13	63.39	2828.21	1510.47	-4.767e+05
210	9	2.660e+05	-858.96	0.13	-5152.50	0.0	5050.48	2563.65	45.58	2656.39	-5.305e+04	-4.642e+05
		-4.787e+05	-5.305e+04	0.14	0.0	1145.0	5050.48	-2588.85	45.58	2656.39	-858.96	-4.787e+05
210	18	2.767e+05	-5376.94	-0.11	-5152.50	0.0	4723.96	2251.71	-9.45	1232.25	-5376.94	-2.866e+05
		-6.582e+05	-2.937e+04	0.12	0.0	1145.0	4723.96	-2900.79	-9.45	1232.25	-2.937e+04	-6.582e+05
210	20	2.730e+05	4.083e+04	0.20	-5152.50	0.0	5665.68	2816.76	123.34	7486.69	-8.769e+04	-6.078e+05
		-6.078e+05	-8.769e+04	0.13	0.0	1145.0	5665.68	-2335.74	123.34	7486.69	4.083e+04	-6.078e+05
210	21	2.769e+05	2.765e+04	0.17	-5152.50	0.0	5377.00	2875.59	100.60	4080.54	-1.007e+05	-6.418e+05
		-6.418e+05	-1.007e+05	0.17	0.0	1145.0	5377.00	-2276.91	100.60	4080.54	2.765e+04	-6.418e+05
210	39	2.657e+05	-235.29	-0.11	-5152.50	0.0	4383.67	2550.12	46.67	-1254.88	-5.416e+04	-4.568e+05
		-4.867e+05	-5.416e+04	0.13	0.0	1145.0	4383.67	-2602.38	46.67	-1254.88	-235.29	-4.867e+05
210	40	2.663e+05	-1482.62	0.19	-5152.50	0.0	5717.29	2577.17	44.49	6567.67	-5.194e+04	-4.716e+05
		-4.716e+05	-5.194e+04	0.14	0.0	1145.0	5717.29	-2575.33	44.49	6567.67	-1482.62	-4.716e+05
210	50	2.767e+05	-5376.94	-0.11	-5152.50	0.0	4723.96	2251.71	-9.45	1232.25	-5376.94	-2.866e+05
		-6.582e+05	-2.937e+04	0.12	0.0	1145.0	4723.96	-2900.79	-9.45	1232.25	-2.937e+04	-6.582e+05
210	52	2.730e+05	4.083e+04	0.20	-5152.50	0.0	5665.68	2816.76	123.34	7486.69	-8.769e+04	-6.078e+05
		-6.078e+05	-8.769e+04	0.13	0.0	1145.0	5665.68	-2335.74	123.34	7486.69	4.083e+04	-6.078e+05
210	53	2.769e+05	2.765e+04	0.17	-5152.50	0.0	5377.00	2875.59	100.60	4080.54	-1.007e+05	-6.418e+05
		-6.418e+05	-1.007e+05	0.17	0.0	1145.0	5377.00	-2276.91	100.60	4080.54	2.765e+04	-6.418e+05
210	71	2.657e+05	-235.29	-0.11	-5152.50	0.0	4383.67	2550.12	46.67	-1254.88	-5.416e+04	-4.568e+05
		-4.867e+05	-5.416e+04	0.13	0.0	1145.0	4383.67	-2602.38	46.67	-1254.88	-235.29	-4.867e+05
210	72	2.663e+05	-1482.62	0.19	-5152.50	0.0	5717.29	2577.17	44.49	6567.67	-5.194e+04	-4.716e+05
		-4.716e+05	-5.194e+04	0.14	0.0	1145.0	5717.29	-2575.33	44.49	6567.67	-1482.62	-4.716e+05
210	74	2.660e+05	-858.96	0.13	-5152.50	0.0	5050.48	2563.65	45.58	2656.39	-5.305e+04	-4.642e+05
		-4.787e+05	-5.305e+04	0.14	0.0	1145.0	5050.48	-2588.85	45.58	2656.39	-858.96	-4.787e+05
210	75	2.660e+05	-858.96	0.13	-5152.50	0.0	5050.48	2563.65	45.58	2656.39	-5.305e+04	-4.642e+05
		-4.787e+05	-5.305e+04	0.14	0.0	1145.0	5050.48	-2588.85	45.58	2656.39	-858.96	-4.787e+05
210	76	2.660e+05	-858.96	0.13	-5152.50	0.0	5050.48	2563.65	45.58	2656.39	-5.305e+04	-4.642e+05
		-4.787e+05	-5.305e+04	0.14	0.0	1145.0	5050.48	-2588.85	45.58	2656.39	-858.96	-4.787e+05
211	1	3.915e+05	5.975e+04	-0.24	-6698.25	0.0	9595.67	3374.28	-31.51	3172.26	5.975e+04	-5.816e+05
		-5.816e+05	2.366e+04	-0.14	0.0	1145.0	9595.67	-3323.97	-31.51	3172.26	2.366e+04	-5.816e+05
211	2	3.004e+05	4.574e+04	-0.19	-5152.50	0.0	7331.03	2595.73	-24.51	2471.45	4.574e+04	-4.482e+05
		-4.482e+05	1.768e+04	-0.10	0.0	1145.0	7331.03	-2556.77	-24.51	2471.45	1.768e+04	-4.482e+05
211	3	4.016e+05	7.935e+04	-0.26	-6698.25	0.0	1.285e+04	3379.40	-35.51	3435.18	7.935e+04	-5.744e+05
		-5.744e+05	3.869e+04	-0.20	0.0	1145.0	1.285e+04	-3318.85	-35.51	3435.18	3.869e+04	-5.744e+05
211	7	3.018e+05	4.607e+04	-0.19	-5152.50	0.0	7428.28	2595.45	-23.85	2391.19	4.607e+04	-4.466e+05
		-4.466e+05	1.876e+04	-0.11	0.0	1145.0	7428.28	-2557.05	-23.85	2391.19	1.876e+04	-4.466e+05
211	8	3.086e+05	5.913e+04	-0.20	-5152.50	0.0	9597.29	2598.87	-26.51	2566.47	5.913e+04	-4.418e+05
		-4.418e+05	2.878e+04	-0.15	0.0	1145.0	9597.29	-2553.63	-26.51	2566.47	2.878e+04	-4.418e+05
211	12	3.220e+05	1.101e+05	0.14	-5152.50	0.0	7354.94	3196.13	-132.43	-1209.97	1.101e+05	-7.874e+05
		-7.874e+05	-2.948e+04	-0.15	0.0	1145.0	7354.94	-1956.37	-132.43	-1209.97	-2.948e+04	-7.874e+05
211	13	3.634e+05	9.740e+04	0.15	-5152.50	0.0	7737.82	3123.61	-110.87	-4143.21	9.740e+04	-7.453e+05
		-7.453e+05	-4.165e+04	-0.11	0.0	1145.0	7737.82	-2028.89	-110.87	-4143.21	-4.165e+04	-7.453e+05
211	16	3.462e+05	1.102e+05	0.15	-5152.50	0.0	7352.32	3187.92	-131.88	-1917.15	1.102e+05	-7.830e+05
		-7.830e+05	-4.087e+04	-0.14	0.0	1145.0	7352.32	-1964.58	-131.88	-1917.15	-4.087e+04	-7.830e+05
211	29	3.762e+05	4.269e+04	-0.24	-5152.50	0.0	8260.18	2643.44	-16.07	-4161.85	4.269e+04	-4.698e+05
		-4.698e+05	-1.600e+04	-0.05	0.0	1145.0	8260.18	-2509.06	-16.07	-4161.85	-1.600e+04	-4.698e+05
211	35	3.129e+05	5.613e+04	-0.22	-5152.50	0.0	8333.76	2331.76	41.81	1112.70	8100.65	-2.905e+05
		-5.706e+05	8100.65	-0.11	0.0	1145.0	8333.76	-2820.74	41.81	1112.70	5.613e+04	-5.706e+05
211	36	3.119e+05	8.536e+04	-0.16	-5152.50	0.0	6975.19	2857.81	-86.13	3258.34	8.536e+04	-5.955e+05
		-5.955e+05	-1.341e+04	-0.13	0.0	1145.0	6975.19	-2294.69	-86.13	3258.34	-1.341e+04	-5.955e+05
211	44	3.220e+05	1.101e+05	0.14	-5152.50	0.0	7354.94	3196.13	-132.43	-1209.97	1.101e+05	-7.874e+05
		-7.874e+05	-2.948e+04	-0.15	0.0	1145.0	7354.94	-1956.37	-132.43	-1209.97	-2.948e+04	-7.874e+05
211	45	3.634e+05	9.740e+04	0.15	-5152.50	0.0	7737.82	3123.61	-110.87	-4143.21	9.740e+04	-7.453e+05
		-7.453e+05	-4.165e+04	-0.11	0.0	1145.0	7737.82	-2028.89	-110.87	-4143.21	-4.165e+04	-7.453e+05
211	48	3.462e+05	1.102e+05	0.15	-5152.50	0.0	7352.32	3187.92	-131.88	-1917.15	1.102e+05	-7.830e+05
		-7.830e+05	-4.087e+04	-0.14	0.0	1145.0	7352.32	-1964.58	-131.88	-1917.15	-4.087e+04	-7.830e+05
211	61	3.762e+05	4.269e+04	-0.24	-5152.50	0.0	8260.18	2643.44	-16.07	-4161.85	4.269e+04	-4.698e+05
		-4.698e+05	-1.600e+04	-0.05	0.0	1145.0	8260.18	-2509.06	-16.07	-4161.85	-1.600e+04	-4.698e+05
211	67	3.129e+05	5.613e+04	-0.22	-5152.50	0.0	8333.76	2331.76	41.81	1112.70	8100.65	-2.905e+05
		-5.706e+05	8100.65	-0.11	0.0	1145.0	8333.76	-2820.74	41.81	1112.70	5.613e+04	-5.706e+05
211	68	3.119e+05	8.536e+04	-0.16	-5152.50	0.0	6975.19	2857.81	-86.13	3258.34	8.536e+04	-5.955e+05
		-5.955e+05	-1.341e+04	-0.13	0.0	1145.0	6975.19	-2294.69	-86.13	3258.34	-1.341e+04	-5.955e+05
211	74	3.051e+05	4.673e+04	-0.19	-5152.50	0.0	7654.48	2594.79	-22.16	2185.52	4.673e+04	-4.430e+05

211	75	-4.430e+05	2.136e+04	-0.12	0.0	1145.0	7654.48	-2557.71	-22.16	2185.52	2.136e+04	-4.218e+05
		3.051e+05	4.673e+04	-0.19	-5152.50	0.0	7654.48	2594.79	-22.16	2185.52	4.673e+04	-4.430e+05
		-4.430e+05	2.136e+04	-0.12	0.0	1145.0	7654.48	-2557.71	-22.16	2185.52	2.136e+04	-4.218e+05
211	76	3.051e+05	4.673e+04	-0.19	-5152.50	0.0	7654.48	2594.79	-22.16	2185.52	4.673e+04	-4.430e+05
		-4.430e+05	2.136e+04	-0.12	0.0	1145.0	7654.48	-2557.71	-22.16	2185.52	2.136e+04	-4.218e+05
228	1	-3175.67	558.42	3.22e-03	-294.66	0.0	1631.84	201.15	-47.61	2580.66	558.42	-8362.87
		-8362.87	-771.72	-1.07e-03	0.0	75.6	1631.84	-93.51	-47.61	2580.66	-771.72	-4296.39
228	5	-2215.47	776.99	1.56e-03	-294.66	0.0	1274.97	199.95	-34.91	1727.32	776.99	-7340.13
		-7340.13	-345.30	-9.45e-04	0.0	75.6	1274.97	-94.71	-34.91	1727.32	-345.30	-3364.61
228	6	-1591.39	622.15	1.02e-03	-226.66	0.0	939.05	153.73	-25.12	1216.02	622.15	-5529.67
		-5529.67	-210.41	-7.13e-04	0.0	75.6	939.05	-72.93	-25.12	1216.02	-210.41	-2477.06
228	7	-2295.29	462.61	2.23e-03	-226.66	0.0	1200.53	154.58	-34.57	1848.61	462.61	-6277.39
		-6277.39	-525.90	-8.02e-04	0.0	75.6	1200.53	-72.08	-34.57	1848.61	-525.90	-3161.05
228	9	-1655.16	608.32	1.12e-03	-226.66	0.0	962.62	153.77	-26.10	1279.71	608.32	-5595.57
		-5595.57	-241.62	-7.21e-04	0.0	75.6	962.62	-72.89	-26.10	1279.71	-241.62	-2539.86
228	19	-976.35	4484.43	-1.37e-04	-226.66	0.0	618.46	121.48	-66.47	3840.22	4484.43	-3484.36
		-3484.36	802.49	-2.12e-04	0.0	75.6	618.46	-105.18	-66.47	3840.22	802.49	-2771.78
228	20	-2015.77	-1285.73	2.38e-03	-226.66	0.0	1306.77	186.07	14.28	-1280.80	-3267.78	-7706.78
		-7706.78	-3267.78	-1.23e-03	0.0	75.6	1306.77	-40.59	14.28	-1280.80	-1285.73	-2307.94
228	27	-980.78	5031.04	1.31e-04	-226.66	0.0	726.09	129.19	-80.03	4702.20	5031.04	-3973.30
		-3973.30	440.81	1.11e-03	0.0	75.6	726.09	-97.47	-80.03	4702.20	440.81	-2399.38
228	28	-2209.23	-924.04	2.11e-03	-226.66	0.0	1199.14	178.36	27.83	-2142.78	-3814.39	-7217.83
		-7217.83	-3814.39	-2.55e-03	0.0	75.6	1199.14	-48.30	27.83	-2142.78	-924.04	-2680.34
228	51	-976.35	4484.43	-1.37e-04	-226.66	0.0	618.46	121.48	-66.47	3840.22	4484.43	-3484.36
		-3484.36	802.49	-2.12e-04	0.0	75.6	618.46	-105.18	-66.47	3840.22	802.49	-2771.78
228	52	-2015.77	-1285.73	2.38e-03	-226.66	0.0	1306.77	186.07	14.28	-1280.80	-3267.78	-7706.78
		-7706.78	-3267.78	-1.23e-03	0.0	75.6	1306.77	-40.59	14.28	-1280.80	-1285.73	-2307.94
228	59	-980.78	5031.04	1.31e-04	-226.66	0.0	726.09	129.19	-80.03	4702.20	5031.04	-3973.30
		-3973.30	440.81	1.11e-03	0.0	75.6	726.09	-97.47	-80.03	4702.20	440.81	-2399.38
228	60	-2209.23	-924.04	2.11e-03	-226.66	0.0	1199.14	178.36	27.83	-2142.78	-3814.39	-7217.83
		-7217.83	-3814.39	-2.55e-03	0.0	75.6	1199.14	-48.30	27.83	-2142.78	-924.04	-2680.34
228	74	-1655.16	608.32	1.12e-03	-226.66	0.0	962.62	153.77	-26.10	1279.71	608.32	-5595.57
		-5595.57	-241.62	-7.21e-04	0.0	75.6	962.62	-72.89	-26.10	1279.71	-241.62	-2539.86
228	75	-1655.16	608.32	1.12e-03	-226.66	0.0	962.62	153.77	-26.10	1279.71	608.32	-5595.57
		-5595.57	-241.62	-7.21e-04	0.0	75.6	962.62	-72.89	-26.10	1279.71	-241.62	-2539.86
228	76	-1655.16	608.32	1.12e-03	-226.66	0.0	962.62	153.77	-26.10	1279.71	608.32	-5595.57
		-5595.57	-241.62	-7.21e-04	0.0	75.6	962.62	-72.89	-26.10	1279.71	-241.62	-2539.86
230	1	3.442e+04	-404.87	8.87e-03	-288.61	0.0	-4063.61	-298.81	-95.19	6759.21	-404.87	3.442e+04
		1633.81	-2184.34	-5.14e-04	0.0	74.0	-4063.61	-587.42	-95.19	6759.21	-2184.34	1633.81
230	2	2.579e+04	-213.42	7.19e-03	-222.00	0.0	-3101.24	-221.19	-75.81	5319.51	-213.42	2.579e+04
		1205.27	-1672.87	-3.85e-04	0.0	74.0	-3101.24	-443.20	-75.81	5319.51	-1672.87	1205.27
230	3	3.024e+04	-1885.41	7.02e-03	-288.61	0.0	-3627.99	-238.24	-68.42	5779.11	-1885.41	3.024e+04
		1935.82	-2494.61	-1.08e-03	0.0	74.0	-3627.99	-526.85	-68.42	5779.11	-2494.61	1935.82
230	4	2.161e+04	-1693.96	5.34e-03	-222.00	0.0	-2665.61	-160.62	-49.04	4339.41	-1693.96	2.161e+04
		1507.28	-1983.14	-9.49e-04	0.0	74.0	-2665.61	-382.62	-49.04	4339.41	-1983.14	1507.28
230	5	3.529e+04	-1165.26	6.01e-03	-288.61	0.0	-3926.28	-304.84	-72.77	5706.92	-1165.26	3.529e+04
		2052.87	-2173.14	-6.43e-04	0.0	74.0	-3926.28	-593.45	-72.77	5706.92	-2173.14	2052.87
230	7	2.635e+04	-423.11	6.40e-03	-222.00	0.0	-3087.29	-227.31	-69.80	5038.11	-423.11	2.635e+04
		1319.41	-1674.78	-4.17e-04	0.0	74.0	-3087.29	-449.32	-69.80	5038.11	-1674.78	1319.41
230	8	2.357e+04	-1410.13	5.17e-03	-222.00	0.0	-2796.87	-186.93	-51.96	4384.71	-1410.13	2.357e+04
		1520.75	-1881.62	-7.93e-04	0.0	74.0	-2796.87	-408.94	-51.96	4384.71	-1881.62	1520.75
230	9	2.693e+04	-930.03	4.49e-03	-222.00	0.0	-2995.74	-231.33	-54.86	4336.58	-930.03	2.693e+04
		1598.78	-1667.31	-5.03e-04	0.0	74.0	-2995.74	-453.34	-54.86	4336.58	-1667.31	1598.78
230	10	2.445e+04	-3374.11	4.37e-03	-222.00	0.0	-2864.11	-196.92	-35.36	3101.84	-3374.11	2.445e+04
		1892.29	-4522.48	-1.50e-03	0.0	74.0	-2864.11	-418.92	-35.36	3101.84	-4522.48	1892.29
230	13	2.941e+04	2662.42	4.62e-03	-222.00	0.0	-3127.37	-265.75	-74.35	5571.32	2662.42	2.941e+04
		1305.27	39.48	4.97e-04	0.0	74.0	-3127.37	-487.75	-74.35	5571.32	39.48	1305.27
230	19	2.199e+04	-2659.59	5.72e-03	-222.00	0.0	-2682.22	-155.02	-30.06	2836.83	-2659.59	2.199e+04
		2490.38	-3233.95	-1.43e-03	0.0	74.0	-2682.22	-377.03	-30.06	2836.83	-3233.95	2490.38
230	20	3.187e+04	1373.89	3.27e-03	-222.00	0.0	-3309.26	-307.64	-79.65	5836.33	1373.89	3.187e+04
		707.18	-675.03	4.24e-04	0.0	74.0	-3309.26	-529.65	-79.65	5836.33	-675.03	707.18
230	28	3.080e+04	-1833.57	2.55e-03	-222.00	0.0	-3297.25	-297.90	-72.91	5141.92	-1833.57	3.080e+04
		420.90	-2323.10	-1.82e-04	0.0	74.0	-3297.25	-519.90	-72.91	5141.92	-2323.10	420.90
230	42	2.445e+04	-3374.11	4.37e-03	-222.00	0.0	-2864.11	-196.92	-35.36	3101.84	-3374.11	2.445e+04
		1892.29	-4522.48	-1.50e-03	0.0	74.0	-2864.11	-418.92	-35.36	3101.84	-4522.48	1892.29
230	45	2.941e+04	2662.42	4.62e-03	-222.00	0.0	-3127.37	-265.75	-74.35	5571.32	2662.42	2.941e+04
		1305.27	39.48	4.97e-04	0.0	74.0	-3127.37	-487.75	-74.35	5571.32	39.48	1305.27
230	51	2.199e+04	-2659.59	5.72e-03	-222.00	0.0	-2682.22	-155.02	-30.06	2836.83	-2659.59	2.199e+04
		2490.38	-3233.95	-1.43e-03	0.0	74.0	-2682.22	-377.03	-30.06	2836.83	-3233.95	2490.38
230	52	3.187e+04	1373.89	3.27e-03	-222.00	0.0	-3309.26	-307.64	-79.65	5836.33	1373.89	3.187e+04
		707.18	-675.03	4.24e-04	0.0	74.0	-3309.26	-529.65	-79.65	5836.33	-675.03	707.18
230	60	3.080e+04	-1833.57	2.55e-03	-222.00	0.0	-3297.25	-297.90	-72.91	5141.92	-1833.57	3.080e+04
		420.90	-2323.10	-1.82e-04	0.0	74.0	-3297.25	-519.90	-72.91	5141.92	-2323.10	420.90
230	74	2.693e+04	-930.03	4.49e-03	-222.00	0.0	-2995.74	-231.33	-54.86	4336.58	-930.03	2.693e+04
		1598.78	-1667.31	-5.03e-04	0.0	74.0	-2995.74	-453.34	-54.86	4336.58	-1667.31	1598.78
230	75	2.693e+04	-930.03	4.49e-03	-222.00	0.0	-2995.74	-231.33	-54.86	4336.58	-930.03	2.693e+04
		1598.78	-1667.31	-5.03e-04	0.0	74.0	-2995.74	-453.34	-54.86	4336.58	-1667.31	1598.78

230	76	2.693e+04	-930.03	4.49e-03	-222.00	0.0	-2995.74	-231.33	-54.86	4336.58	-930.03	2.693e+04
		1598.78	-1667.31	-5.03e-04	0.0	74.0	-2995.74	-453.34	-54.86	4336.58	-1667.31	1598.78
235	1	1819.46	134.73	2.58e-03	-294.66	0.0	219.27	218.42	-22.62	1337.27	134.73	-4296.24
		-4296.24	-279.08	-1.14e-03	0.0	75.6	219.27	-76.24	-22.62	1337.27	-279.08	1075.20
235	4	1880.68	249.36	2.65e-04	-226.66	0.0	-81.86	162.05	6.29	-376.99	66.47	-2489.46
		-2489.46	66.47	-1.30e-03	0.0	75.6	-81.86	-64.61	6.29	-376.99	249.36	1191.32
235	5	2365.49	232.27	1.05e-03	-294.66	0.0	-48.03	211.60	-13.00	660.00	232.27	-3364.54
		-3364.54	-71.22	-9.62e-04	0.0	75.6	-48.03	-83.06	-13.00	660.00	-71.22	1491.52
235	7	1484.20	118.12	1.75e-03	-226.66	0.0	127.57	166.97	-15.82	918.41	118.12	-3160.94
		-3160.94	-181.15	-8.50e-04	0.0	75.6	127.57	-59.69	-15.82	918.41	-181.15	891.95
235	8	1844.15	141.47	4.86e-04	-226.66	0.0	-59.59	162.47	0.54	-60.34	101.49	-2548.10
		-2548.10	101.49	-1.12e-03	0.0	75.6	-59.59	-64.19	0.54	-60.34	141.47	1164.83
235	9	1849.95	183.15	7.34e-04	-226.66	0.0	-50.62	162.43	-9.41	466.90	183.15	-2539.81
		-2539.81	-42.58	-7.31e-04	0.0	75.6	-50.62	-64.24	-9.41	466.90	-42.58	1169.50
235	18	1886.82	1186.39	-5.17e-03	-226.66	0.0	-177.46	166.92	-22.15	1401.67	1186.39	-2909.12
		-2909.12	-15.98	-1.06e-03	0.0	75.6	-177.46	-59.74	-22.15	1401.67	-15.98	1344.83
235	19	1860.16	2129.74	-5.60e-03	-226.66	0.0	-203.32	165.20	-50.15	3494.61	2129.74	-2771.79
		-2771.79	-1286.79	1.82e-04	0.0	75.6	-203.32	-61.46	-50.15	3494.61	-1286.79	1263.51
235	20	1857.81	1201.63	7.07e-03	-226.66	0.0	102.07	159.65	31.33	-2560.80	-1763.44	-2307.83
		-2307.83	-1763.44	-1.64e-03	0.0	75.6	102.07	-67.01	31.33	-2560.80	1201.63	1075.48
235	38	1917.31	2051.25	-6.04e-04	-226.66	0.0	-55.55	166.82	27.16	-2226.40	-561.09	-2806.91
		-2806.91	-561.09	-2.56e-03	0.0	75.6	-55.55	-59.85	27.16	-2226.40	2051.25	1351.42
235	39	1807.52	1812.33	-1.60e-03	-226.66	0.0	-129.56	160.21	-62.02	4348.95	1812.33	-2453.10
		-2453.10	-2501.69	1.28e-03	0.0	75.6	-129.56	-66.45	-62.02	4348.95	-2501.69	1068.38
235	40	1901.81	2416.53	3.07e-03	-226.66	0.0	28.31	164.64	43.20	-3415.14	-1446.04	-2626.52
		-2626.52	-1446.04	-2.74e-03	0.0	75.6	28.31	-62.03	43.20	-3415.14	2416.53	1270.62
235	50	1886.82	1186.39	-5.17e-03	-226.66	0.0	-177.46	166.92	-22.15	1401.67	1186.39	-2909.12
		-2909.12	-15.98	-1.06e-03	0.0	75.6	-177.46	-59.74	-22.15	1401.67	-15.98	1344.83
235	51	1860.16	2129.74	-5.60e-03	-226.66	0.0	-203.32	165.20	-50.15	3494.61	2129.74	-2771.79
		-2771.79	-1286.79	1.82e-04	0.0	75.6	-203.32	-61.46	-50.15	3494.61	-1286.79	1263.51
235	52	1857.81	1201.63	7.07e-03	-226.66	0.0	102.07	159.65	31.33	-2560.80	-1763.44	-2307.83
		-2307.83	-1763.44	-1.64e-03	0.0	75.6	102.07	-67.01	31.33	-2560.80	1201.63	1075.48
235	70	1917.31	2051.25	-6.04e-04	-226.66	0.0	-55.55	166.82	27.16	-2226.40	-561.09	-2806.91
		-2806.91	-561.09	-2.56e-03	0.0	75.6	-55.55	-59.85	27.16	-2226.40	2051.25	1351.42
235	71	1807.52	1812.33	-1.60e-03	-226.66	0.0	-129.56	160.21	-62.02	4348.95	1812.33	-2453.10
		-2453.10	-2501.69	1.28e-03	0.0	75.6	-129.56	-66.45	-62.02	4348.95	-2501.69	1068.38
235	72	1901.81	2416.53	3.07e-03	-226.66	0.0	28.31	164.64	43.20	-3415.14	-1446.04	-2626.52
		-2626.52	-1446.04	-2.74e-03	0.0	75.6	28.31	-62.03	43.20	-3415.14	2416.53	1270.62
235	74	1849.95	183.15	7.34e-04	-226.66	0.0	-50.62	162.43	-9.41	466.90	183.15	-2539.81
		-2539.81	-42.58	-7.31e-04	0.0	75.6	-50.62	-64.24	-9.41	466.90	-42.58	1169.50
235	75	1849.95	183.15	7.34e-04	-226.66	0.0	-50.62	162.43	-9.41	466.90	183.15	-2539.81
		-2539.81	-42.58	-7.31e-04	0.0	75.6	-50.62	-64.24	-9.41	466.90	-42.58	1169.50
235	76	1849.95	183.15	7.34e-04	-226.66	0.0	-50.62	162.43	-9.41	466.90	183.15	-2539.81
		-2539.81	-42.58	-7.31e-04	0.0	75.6	-50.62	-64.24	-9.41	466.90	-42.58	1169.50
237	1	2312.92	-467.04	8.89e-03	-288.61	0.0	-1158.32	72.75	-47.08	2905.96	-467.04	1634.30
		-3660.16	-1483.12	-8.06e-04	0.0	74.0	-1158.32	-215.85	-47.08	2905.96	-1483.12	-3660.16
237	2	1719.63	-304.66	7.20e-03	-222.00	0.0	-877.03	55.53	-38.42	2328.35	-304.66	1205.67
		-2899.21	-1166.23	-6.03e-04	0.0	74.0	-877.03	-166.47	-38.42	2328.35	-1166.23	-2899.21
237	4	2163.63	-933.10	5.41e-03	-222.00	0.0	-841.62	63.06	-17.09	1579.65	-933.10	1507.57
		-2040.38	-984.32	-1.27e-03	0.0	74.0	-841.62	-158.95	-17.09	1579.65	-933.10	-2040.38
237	5	2833.48	-860.10	6.08e-03	-288.61	0.0	-1188.92	78.25	-28.38	2111.02	-860.10	2053.21
		-2834.64	-1203.97	-9.75e-04	0.0	74.0	-1188.92	-210.36	-28.38	2111.02	-1203.97	-2834.64
237	7	1858.90	-415.27	6.42e-03	-222.00	0.0	-891.14	56.89	-33.38	2114.50	-415.27	1319.76
		-2684.40	-1095.25	-6.47e-04	0.0	74.0	-891.14	-165.11	-33.38	2114.50	-1095.25	-2684.40
237	8	2153.00	-868.38	5.23e-03	-222.00	0.0	-867.54	61.91	-19.16	1615.36	-868.38	1521.04
		-2111.85	-939.83	-1.09e-03	0.0	74.0	-867.54	-160.10	-19.16	1615.36	-939.83	-2111.85
237	9	2205.94	-677.31	4.55e-03	-222.00	0.0	-911.54	60.55	-20.91	1584.53	-677.31	1599.03
		-2134.06	-909.15	-7.59e-04	0.0	74.0	-911.54	-161.45	-20.91	1584.53	-909.15	-2134.06
237	10	2451.05	-660.41	4.31e-03	-222.00	0.0	-888.85	56.48	-0.54	594.14	-660.41	1892.53
		-2034.12	-2237.66	-1.98e-03	0.0	74.0	-888.85	-165.52	-0.54	594.14	-660.41	-2034.12
237	13	1964.23	883.03	4.79e-03	-222.00	0.0	-934.24	64.63	-41.28	2574.92	883.03	1305.54
		-2233.99	-1157.89	4.61e-04	0.0	74.0	-934.24	-157.38	-41.28	2574.92	-1157.89	-2233.99
237	27	3096.19	-228.81	7.46e-03	-222.00	0.0	-1237.29	43.98	-2.64	1027.81	-228.81	2777.00
		-2194.73	-427.09	-1.30e-03	0.0	74.0	-1237.29	-178.02	-2.64	1027.81	-228.81	-2194.73
237	39	3091.38	-164.01	7.79e-03	-222.00	0.0	-1268.41	48.42	-6.59	1015.62	-164.01	2776.42
		-2217.93	-479.36	-8.94e-04	0.0	74.0	-1268.41	-173.58	-6.59	1015.62	-164.01	-2217.93
237	40	1419.94	-875.26	1.31e-03	-222.00	0.0	-554.67	72.69	-35.23	2153.45	-875.26	421.65
		-2050.19	-1654.30	-6.24e-04	0.0	74.0	-554.67	-149.32	-35.23	2153.45	-1654.30	-2050.19
237	41	2794.25	289.69	7.27e-03	-222.00	0.0	-1220.91	43.54	-20.03	1632.94	289.69	2421.43
		-2264.31	-403.68	-2.01e-04	0.0	74.0	-1220.91	-178.46	-20.03	1632.94	-403.68	-2264.31
237	42	2451.05	-660.41	4.31e-03	-222.00	0.0	-888.85	56.48	-0.54	594.14	-660.41	1892.53
		-2034.12	-2237.66	-1.98e-03	0.0	74.0	-888.85	-165.52	-0.54	594.14	-660.41	-2034.12
237	45	1964.23	883.03	4.79e-03	-222.00	0.0	-934.24	64.63	-41.28	2574.92	883.03	1305.54
		-2233.99	-1157.89	4.61e-04	0.0	74.0	-934.24	-157.38	-41.28	2574.92	-1157.89	-2233.99
237	59	3096.19	-228.81	7.46e-03	-222.00	0.0	-1237.29	43.98	-2.64	1027.81	-228.81	2777.00
		-2194.73	-427.09	-1.30e-03	0.0	74.0	-1237.29	-178.02	-2.64	1027.81	-228.81	-2194.73
237	71	3091.38	-164.01	7.79e-03	-222.00	0.0	-1268.41	48.42	-6.59	1015.62	-164.01	2776.42

		-2217.93	-479.36	-8.94e-04	0.0	74.0	-1268.41	-173.58	-6.59	1015.62	-164.01	-2217.93
237	72	1419.94	-875.26	1.31e-03	-222.00	0.0	-554.67	72.69	-35.23	2153.45	-875.26	421.65
		-2050.19	-1654.30	-6.24e-04	0.0	74.0	-554.67	-149.32	-35.23	2153.45	-1654.30	-2050.19
237	73	2794.25	289.69	7.27e-03	-222.00	0.0	-1220.91	43.54	-20.03	1632.94	289.69	2421.43
		-2264.31	-403.68	-2.01e-04	0.0	74.0	-1220.91	-178.46	-20.03	1632.94	-403.68	-2264.31
237	74	2205.94	-677.31	4.55e-03	-222.00	0.0	-911.54	60.55	-20.91	1584.53	-677.31	1599.03
		-2134.06	-909.15	-7.59e-04	0.0	74.0	-911.54	-161.45	-20.91	1584.53	-909.15	-2134.06
237	75	2205.94	-677.31	4.55e-03	-222.00	0.0	-911.54	60.55	-20.91	1584.53	-677.31	1599.03
		-2134.06	-909.15	-7.59e-04	0.0	74.0	-911.54	-161.45	-20.91	1584.53	-909.15	-2134.06
237	76	2205.94	-677.31	4.55e-03	-222.00	0.0	-911.54	60.55	-20.91	1584.53	-677.31	1599.03
		-2134.06	-909.15	-7.59e-04	0.0	74.0	-911.54	-161.45	-20.91	1584.53	-909.15	-2134.06
242	1	8.055e+04	325.61	2.23e-03	-294.66	0.0	-2560.72	1199.24	7.21	-780.33	123.25	1075.33
		1075.33	123.25	-1.17e-03	0.0	75.6	-2560.72	904.58	7.21	-780.33	325.61	8.055e+04
242	2	6.284e+04	242.44	1.89e-03	-226.66	0.0	-1965.54	934.72	4.76	-551.97	101.11	782.11
		782.11	101.11	-9.23e-04	0.0	75.6	-1965.54	708.05	4.76	-551.97	242.44	6.284e+04
242	3	7.257e+04	879.04	4.36e-04	-294.66	0.0	-2633.90	1088.13	33.30	-2135.13	-57.31	1484.55
		1484.55	-57.31	-1.54e-03	0.0	75.6	-2633.90	793.47	33.30	-2135.13	879.04	7.257e+04
242	4	5.486e+04	795.87	-4.21e-04	-226.66	0.0	-2038.72	823.61	30.86	-1906.77	-79.45	1191.33
		1191.33	-79.45	-1.29e-03	0.0	75.6	-2038.72	596.95	30.86	-1906.77	795.87	5.486e+04
242	7	6.078e+04	268.90	1.50e-03	-226.66	0.0	-1975.76	905.95	7.11	-693.62	80.52	892.04
		892.04	80.52	-8.71e-04	0.0	75.6	-1975.76	679.29	7.11	-693.62	268.90	6.078e+04
242	8	5.545e+04	637.85	-3.15e-04	-226.66	0.0	-2024.54	831.88	24.51	-1596.81	-39.85	1164.85
		1164.85	-39.85	-1.11e-03	0.0	75.6	-2024.54	605.22	24.51	-1596.81	637.85	5.545e+04
242	18	5.671e+04	914.92	-1.33e-03	-226.66	0.0	-1884.91	847.43	0.83	-58.04	914.92	1344.89
		1344.89	-138.12	-7.53e-04	0.0	75.6	-1884.91	620.76	0.83	-58.04	-138.12	5.671e+04
242	21	5.456e+04	819.98	2.32e-03	-226.66	0.0	-2117.96	820.89	25.92	-2080.67	-865.75	994.17
		994.17	-865.75	-7.30e-04	0.0	75.6	-2117.96	594.23	25.92	-2080.67	819.98	5.456e+04
242	38	5.784e+04	3865.69	4.51e-04	-226.66	0.0	-1908.50	861.50	48.72	-3649.11	1136.72	1351.48
		1351.48	1136.72	-2.20e-03	0.0	75.6	-1908.50	634.84	48.72	-3649.11	3865.69	5.784e+04
242	39	5.377e+04	-717.20	-7.89e-04	-226.66	0.0	-2038.20	811.03	-37.64	2733.32	-717.20	1068.40
		1068.40	-4167.85	1.04e-03	0.0	75.6	-2038.20	584.37	-37.64	2733.32	-4167.85	5.377e+04
242	40	5.749e+04	4849.72	1.63e-03	-226.66	0.0	-1964.68	857.28	64.39	-4872.03	766.37	1270.66
		1270.66	766.37	-2.52e-03	0.0	75.6	-1964.68	630.62	64.39	-4872.03	4849.72	5.749e+04
242	41	5.343e+04	-1087.55	6.54e-04	-226.66	0.0	-2094.38	806.81	-21.98	1510.40	-1087.55	987.59
		987.59	-3183.82	7.13e-04	0.0	75.6	-2094.38	580.15	-21.98	1510.40	-3183.82	5.343e+04
242	50	5.671e+04	914.92	-1.33e-03	-226.66	0.0	-1884.91	847.43	0.83	-58.04	914.92	1344.89
		1344.89	-138.12	-7.53e-04	0.0	75.6	-1884.91	620.76	0.83	-58.04	-138.12	5.671e+04
242	53	5.456e+04	819.98	2.32e-03	-226.66	0.0	-2117.96	820.89	25.92	-2080.67	-865.75	994.17
		994.17	-865.75	-7.30e-04	0.0	75.6	-2117.96	594.23	25.92	-2080.67	819.98	5.456e+04
242	70	5.784e+04	3865.69	4.51e-04	-226.66	0.0	-1908.50	861.50	48.72	-3649.11	1136.72	1351.48
		1351.48	1136.72	-2.20e-03	0.0	75.6	-1908.50	634.84	48.72	-3649.11	3865.69	5.784e+04
242	71	5.377e+04	-717.20	-7.89e-04	-226.66	0.0	-2038.20	811.03	-37.64	2733.32	-717.20	1068.40
		1068.40	-4167.85	1.04e-03	0.0	75.6	-2038.20	584.37	-37.64	2733.32	-4167.85	5.377e+04
242	72	5.749e+04	4849.72	1.63e-03	-226.66	0.0	-1964.68	857.28	64.39	-4872.03	766.37	1270.66
		1270.66	766.37	-2.52e-03	0.0	75.6	-1964.68	630.62	64.39	-4872.03	4849.72	5.749e+04
242	73	5.343e+04	-1087.55	6.54e-04	-226.66	0.0	-2094.38	806.81	-21.98	1510.40	-1087.55	987.59
		987.59	-3183.82	7.13e-04	0.0	75.6	-2094.38	580.15	-21.98	1510.40	-3183.82	5.343e+04
242	74	5.563e+04	340.93	5.53e-04	-226.66	0.0	-2001.44	834.16	13.37	-1069.36	24.58	1169.53
		1169.53	24.58	-7.41e-04	0.0	75.6	-2001.44	607.50	13.37	-1069.36	340.93	5.563e+04
242	75	5.563e+04	340.93	5.53e-04	-226.66	0.0	-2001.44	834.16	13.37	-1069.36	24.58	1169.53
		1169.53	24.58	-7.41e-04	0.0	75.6	-2001.44	607.50	13.37	-1069.36	340.93	5.563e+04
242	76	5.563e+04	340.93	5.53e-04	-226.66	0.0	-2001.44	834.16	13.37	-1069.36	24.58	1169.53
		1169.53	24.58	-7.41e-04	0.0	75.6	-2001.44	607.50	13.37	-1069.36	340.93	5.563e+04
244	1	-2123.49	-710.19	8.36e-03	-288.61	0.0	546.85	109.47	-13.20	803.91	-710.19	-3659.68
		-6237.31	-884.02	-1.05e-03	0.0	74.0	546.85	-179.14	-13.20	803.91	-884.02	-6237.31
244	4	-654.01	-93.41	5.11e-03	-222.00	0.0	253.30	91.37	4.30	157.90	-598.42	-2040.09
		-3492.46	-598.42	-1.44e-03	0.0	74.0	253.30	-130.63	4.30	157.90	-93.41	-3492.46
244	6	-718.20	-206.02	4.08e-03	-222.00	0.0	236.11	90.42	2.37	161.95	-567.12	-2073.45
		-3596.29	-567.12	-9.32e-04	0.0	74.0	236.11	-131.58	2.37	161.95	-206.02	-3596.29
244	7	-1472.78	-547.85	6.04e-03	-222.00	0.0	389.47	85.27	-8.01	540.03	-547.85	-2684.05
		-4587.93	-597.23	-8.28e-04	0.0	74.0	389.47	-136.73	-8.01	540.03	-597.23	-4587.93
244	8	-750.20	-167.67	4.92e-03	-222.00	0.0	259.90	90.61	2.77	192.06	-590.28	-2111.57
		-3620.41	-590.28	-1.26e-03	0.0	74.0	259.90	-131.39	2.77	192.06	-167.67	-3620.41
244	9	-792.02	-242.74	4.23e-03	-222.00	0.0	248.44	89.98	1.48	194.77	-569.42	-2133.81
		-3689.63	-569.42	-9.22e-04	0.0	74.0	248.44	-132.03	1.48	194.77	-242.74	-3689.63
244	11	-94.19	2459.09	5.82e-03	-222.00	0.0	-44.68	110.01	26.32	-430.08	377.84	-2083.75
		-2211.78	377.84	-2.10e-03	0.0	74.0	-44.68	-112.00	26.32	-430.08	2459.09	-2211.78
244	12	-1351.46	-1516.68	2.64e-03	-222.00	0.0	541.56	69.95	-23.36	819.61	-1516.68	-2183.87
		-5167.48	-2944.58	2.60e-04	0.0	74.0	541.56	-152.06	-23.36	819.61	-2944.58	-5167.48
244	39	716.84	1775.45	7.79e-03	-222.00	0.0	-420.28	132.91	15.41	-245.88	513.29	-2217.58
		-2217.58	513.29	-1.06e-03	0.0	74.0	-420.28	-89.10	15.41	-245.88	1775.45	-602.86
244	40	-1684.84	-1652.12	6.73e-04	-222.00	0.0	917.16	47.04	-12.45	635.41	-1652.12	-2050.04
		-6776.40	-2260.93	-7.85e-04	0.0	74.0	917.16	-174.96	-12.45	635.41	-2260.93	-6776.40
244	43	-94.19	2459.09	5.82e-03	-222.00	0.0	-44.68	110.01	26.32	-430.08	377.84	-2083.75
		-2211.78	377.84	-2.10e-03	0.0	74.0	-44.68	-112.00	26.32	-430.08	2459.09	-2211.78
244	44	-1351.46	-1516.68	2.64e-03	-222.00	0.0	541.56	69.95	-23.36	819.61	-1516.68	-2183.87
		-5167.48	-2944.58	2.60e-04	0.0	74.0	541.56	-152.06	-23.36	819.61	-2944.58	-5167.48

244	71	716.84	1775.45	7.79e-03	-222.00	0.0	-420.28	132.91	15.41	-245.88	513.29	-2217.58
		-2217.58	513.29	-1.06e-03	0.0	74.0	-420.28	-89.10	15.41	-245.88	1775.45	-602.86
244	72	-1684.84	-1652.12	6.73e-04	-222.00	0.0	917.16	47.04	-12.45	635.41	-1652.12	-2050.04
		-6776.40	-2260.93	-7.85e-04	0.0	74.0	917.16	-174.96	-12.45	635.41	-2260.93	-6776.40
244	74	-792.02	-242.74	4.23e-03	-222.00	0.0	248.44	89.98	1.48	194.77	-569.42	-2133.81
		-3689.63	-569.42	-9.22e-04	0.0	74.0	248.44	-132.03	1.48	194.77	-242.74	-3689.63
244	75	-792.02	-242.74	4.23e-03	-222.00	0.0	248.44	89.98	1.48	194.77	-569.42	-2133.81
		-3689.63	-569.42	-9.22e-04	0.0	74.0	248.44	-132.03	1.48	194.77	-242.74	-3689.63
244	76	-792.02	-242.74	4.23e-03	-222.00	0.0	248.44	89.98	1.48	194.77	-569.42	-2133.81
		-3689.63	-569.42	-9.22e-04	0.0	74.0	248.44	-132.03	1.48	194.77	-242.74	-3689.63
249	1	8.055e+04	7268.79	9.18e-03	-294.66	0.0	-8195.14	-374.19	161.78	-5407.41	-830.92	8.055e+04
		4.115e+04	-830.92	-1.28e-03	0.0	75.6	-8195.14	-668.85	161.78	-5407.41	7268.79	4.115e+04
249	3	7.257e+04	1.090e+04	6.81e-03	-294.66	0.0	-7785.58	-375.82	217.06	-6271.74	-943.15	7.257e+04
		3.304e+04	-943.15	-1.56e-03	0.0	75.6	-7785.58	-670.48	217.06	-6271.74	1.090e+04	3.304e+04
249	5	7.283e+04	8538.29	7.21e-03	-294.66	0.0	-7737.47	-379.62	181.44	-5689.65	-988.29	7.283e+04
		3.302e+04	-988.29	-1.07e-03	0.0	75.6	-7737.47	-674.28	181.44	-5689.65	8538.29	3.302e+04
249	6	5.512e+04	6745.52	5.32e-03	-226.66	0.0	-5898.50	-293.11	142.47	-4426.87	-782.43	5.512e+04
		2.441e+04	-782.43	-8.00e-04	0.0	75.6	-5898.50	-519.77	142.47	-4426.87	6745.52	2.441e+04
249	7	6.078e+04	5798.78	6.76e-03	-226.66	0.0	-6233.80	-288.87	127.72	-4210.33	-664.97	6.078e+04
		3.039e+04	-664.97	-9.53e-04	0.0	75.6	-6233.80	-515.53	127.72	-4210.33	5798.78	3.039e+04
249	8	5.545e+04	8220.02	5.18e-03	-226.66	0.0	-5960.76	-289.96	164.58	-4786.55	-739.79	5.545e+04
		2.498e+04	-739.79	-1.14e-03	0.0	75.6	-5960.76	-516.62	164.58	-4786.55	8220.02	2.498e+04
249	9	5.563e+04	6645.17	5.45e-03	-226.66	0.0	-5928.68	-292.49	140.83	-4398.49	-769.88	5.563e+04
		2.497e+04	-769.88	-8.14e-04	0.0	75.6	-5928.68	-519.15	140.83	-4398.49	6645.17	2.497e+04
249	18	5.671e+04	4419.60	3.42e-03	-226.66	0.0	-5766.46	-317.63	117.41	-3557.42	-1386.40	5.671e+04
		2.397e+04	-1386.40	-6.58e-04	0.0	75.6	-5766.46	-544.29	117.41	-3557.42	4419.60	2.397e+04
249	21	5.456e+04	8870.74	7.47e-03	-226.66	0.0	-6090.90	-267.35	164.26	-5239.55	-153.36	5.456e+04
		2.597e+04	-153.36	-9.69e-04	0.0	75.6	-6090.90	-494.01	164.26	-5239.55	8870.74	2.597e+04
249	34	5.781e+04	1.736e+04	5.37e-03	-226.66	0.0	-5814.60	-336.69	225.90	-5549.88	3529.25	5.781e+04
		2.376e+04	3529.25	-1.30e-03	0.0	75.6	-5814.60	-563.35	225.90	-5549.88	1.736e+04	2.376e+04
249	38	5.784e+04	1.725e+04	5.39e-03	-226.66	0.0	-5813.92	-336.94	224.69	-5501.00	3487.90	5.784e+04
		2.376e+04	3487.90	-1.26e-03	0.0	75.6	-5813.92	-563.60	224.69	-5501.00	1.725e+04	2.376e+04
249	39	5.377e+04	-6223.44	4.18e-03	-226.66	0.0	-5968.56	-257.81	24.86	-2465.44	-6223.44	5.377e+04
		2.570e+04	-7468.79	1.28e-04	0.0	75.6	-5968.56	-484.47	24.86	-2465.44	-7468.79	2.570e+04
249	40	5.749e+04	2.076e+04	6.72e-03	-226.66	0.0	-5888.81	-327.17	256.80	-6331.54	4683.68	5.749e+04
		2.424e+04	4683.68	-1.51e-03	0.0	75.6	-5888.81	-553.83	256.80	-6331.54	2.076e+04	2.424e+04
249	50	5.671e+04	4419.60	3.42e-03	-226.66	0.0	-5766.46	-317.63	117.41	-3557.42	-1386.40	5.671e+04
		2.397e+04	-1386.40	-6.58e-04	0.0	75.6	-5766.46	-544.29	117.41	-3557.42	4419.60	2.397e+04
249	53	5.456e+04	8870.74	7.47e-03	-226.66	0.0	-6090.90	-267.35	164.26	-5239.55	-153.36	5.456e+04
		2.597e+04	-153.36	-9.69e-04	0.0	75.6	-6090.90	-494.01	164.26	-5239.55	8870.74	2.597e+04
249	66	5.781e+04	1.736e+04	5.37e-03	-226.66	0.0	-5814.60	-336.69	225.90	-5549.88	3529.25	5.781e+04
		2.376e+04	3529.25	-1.30e-03	0.0	75.6	-5814.60	-563.35	225.90	-5549.88	1.736e+04	2.376e+04
249	70	5.784e+04	1.725e+04	5.39e-03	-226.66	0.0	-5813.92	-336.94	224.69	-5501.00	3487.90	5.784e+04
		2.376e+04	3487.90	-1.26e-03	0.0	75.6	-5813.92	-563.60	224.69	-5501.00	1.725e+04	2.376e+04
249	71	5.377e+04	-6223.44	4.18e-03	-226.66	0.0	-5968.56	-257.81	24.86	-2465.44	-6223.44	5.377e+04
		2.570e+04	-7468.79	1.28e-04	0.0	75.6	-5968.56	-484.47	24.86	-2465.44	-7468.79	2.570e+04
249	72	5.749e+04	2.076e+04	6.72e-03	-226.66	0.0	-5888.81	-327.17	256.80	-6331.54	4683.68	5.749e+04
		2.424e+04	4683.68	-1.51e-03	0.0	75.6	-5888.81	-553.83	256.80	-6331.54	2.076e+04	2.424e+04
249	74	5.563e+04	6645.17	5.45e-03	-226.66	0.0	-5928.68	-292.49	140.83	-4398.49	-769.88	5.563e+04
		2.497e+04	-769.88	-8.14e-04	0.0	75.6	-5928.68	-519.15	140.83	-4398.49	6645.17	2.497e+04
249	75	5.563e+04	6645.17	5.45e-03	-226.66	0.0	-5928.68	-292.49	140.83	-4398.49	-769.88	5.563e+04
		2.497e+04	-769.88	-8.14e-04	0.0	75.6	-5928.68	-519.15	140.83	-4398.49	6645.17	2.497e+04
249	76	5.563e+04	6645.17	5.45e-03	-226.66	0.0	-5928.68	-292.49	140.83	-4398.49	-769.88	5.563e+04
		2.497e+04	-769.88	-8.14e-04	0.0	75.6	-5928.68	-519.15	140.83	-4398.49	6645.17	2.497e+04
251	1	3.370e+04	2627.31	6.84e-03	-288.61	0.0	1653.37	684.03	66.06	-1614.02	-950.32	-6236.87
		-6236.87	-950.32	-1.27e-03	0.0	74.0	1653.37	395.42	66.06	-1614.02	2627.31	3.370e+04
251	3	2.758e+04	3067.60	5.46e-03	-288.61	0.0	1288.84	581.73	67.39	-1686.21	-484.70	-4785.68
		-4785.68	-484.70	-1.81e-03	0.0	74.0	1288.84	293.13	67.39	-1686.21	3067.60	2.758e+04
251	6	2.041e+04	2204.84	3.17e-03	-222.00	0.0	947.90	435.43	49.67	-1257.28	-396.74	-3596.08
		-3596.08	-396.74	-1.02e-03	0.0	74.0	947.90	213.42	49.67	-1257.28	2204.84	2.041e+04
251	7	2.497e+04	2050.54	4.91e-03	-222.00	0.0	1215.85	510.43	50.57	-1244.15	-672.16	-4587.61
		-4587.61	-672.16	-9.86e-04	0.0	74.0	1215.85	288.43	50.57	-1244.15	2050.54	2.497e+04
251	8	2.089e+04	2344.07	3.99e-03	-222.00	0.0	972.83	442.23	51.46	-1292.28	-361.75	-3620.15
		-3620.15	-361.75	-1.34e-03	0.0	74.0	972.83	220.23	51.46	-1292.28	2344.07	2.089e+04
251	9	2.082e+04	2195.41	3.30e-03	-222.00	0.0	971.87	442.26	49.84	-1256.34	-423.52	-3689.41
		-3689.41	-423.52	-1.01e-03	0.0	74.0	971.87	220.26	49.84	-1256.34	2195.41	2.082e+04
251	11	2.073e+04	6754.98	5.10e-03	-222.00	0.0	533.50	434.58	60.22	-580.80	3062.05	-2211.51
		-2211.51	3062.05	-1.59e-03	0.0	74.0	533.50	212.57	60.22	-580.80	6754.98	2.073e+04
251	12	2.092e+04	-2364.16	1.51e-03	-222.00	0.0	1410.24	449.94	39.46	-1931.88	-3909.08	-5167.32
		-5167.32	-3909.08	-4.38e-04	0.0	74.0	1410.24	227.94	39.46	-1931.88	-2364.16	2.092e+04
251	37	2.404e+04	2774.42	6.67e-03	-222.00	0.0	120.97	448.31	31.86	-1805.13	520.51	-1072.08
		-1072.08	520.51	-8.36e-04	0.0	74.0	120.97	226.30	31.86	-1805.13	2774.42	2.404e+04
251	39	2.352e+04	4949.42	7.25e-03	-222.00	0.0	-6.12	442.88	40.03	-1510.28	2120.07	-602.53
		-602.53	2120.07	-1.22e-03	0.0	74.0	-6.12	220.88	40.03	-1510.28	4949.42	2.352e+04
251	40	1.813e+04	-558.60	-6.46e-04	-222.00	0.0	1949.86	441.64	59.65	-1002.40	-2967.11	-6776.30
		-6776.30	-2967.11	-8.10e-04	0.0	74.0	1949.86	219.64	59.65	-1002.40	-558.60	1.813e+04
251	43	2.073e+04	6754.98	5.10e-03	-222.00	0.0	533.50	434.58	60.22	-580.80	3062.05	-2211.51

		-2211.51	3062.05	-1.59e-03	0.0	74.0	533.50	212.57	60.22	-580.80	6754.98	2.073e+04
251	44	2.092e+04	-2364.16	1.51e-03	-222.00	0.0	1410.24	449.94	39.46	-1931.88	-3909.08	-5167.32
		-5167.32	-3909.08	-4.38e-04	0.0	74.0	1410.24	227.94	39.46	-1931.88	-2364.16	2.092e+04
251	69	2.404e+04	2774.42	6.67e-03	-222.00	0.0	120.97	448.31	31.86	-1805.13	520.51	-1072.08
		-1072.08	520.51	-8.36e-04	0.0	74.0	120.97	226.30	31.86	-1805.13	2774.42	2.404e+04
251	71	2.352e+04	4949.42	7.25e-03	-222.00	0.0	-6.12	442.88	40.03	-1510.28	2120.07	-602.53
		-602.53	2120.07	-1.22e-03	0.0	74.0	-6.12	220.88	40.03	-1510.28	4949.42	2.352e+04
251	72	1.813e+04	-558.60	-6.46e-04	-222.00	0.0	1949.86	441.64	59.65	-1002.40	-2967.11	-6776.30
		-6776.30	-2967.11	-8.10e-04	0.0	74.0	1949.86	219.64	59.65	-1002.40	-558.60	1.813e+04
251	74	2.082e+04	2195.41	3.30e-03	-222.00	0.0	971.87	442.26	49.84	-1256.34	-423.52	-3689.41
		-3689.41	-423.52	-1.01e-03	0.0	74.0	971.87	220.26	49.84	-1256.34	2195.41	2.082e+04
251	75	2.082e+04	2195.41	3.30e-03	-222.00	0.0	971.87	442.26	49.84	-1256.34	-423.52	-3689.41
		-3689.41	-423.52	-1.01e-03	0.0	74.0	971.87	220.26	49.84	-1256.34	2195.41	2.082e+04
251	76	2.082e+04	2195.41	3.30e-03	-222.00	0.0	971.87	442.26	49.84	-1256.34	-423.52	-3689.41
		-3689.41	-423.52	-1.01e-03	0.0	74.0	971.87	220.26	49.84	-1256.34	2195.41	2.082e+04
261	1	1.930e+04	2.116e+04	8.11e-03	-312.00	0.0	-2056.86	980.54	-492.83	1.013e+04	2.116e+04	-3.833e+04
		-3.833e+04	-7039.62	-7.85e-04	0.0	80.0	-2056.86	668.54	-492.83	1.013e+04	-7039.62	1.930e+04
261	3	1.840e+04	1.174e+04	5.00e-03	-312.00	0.0	-1861.73	934.38	-377.78	9845.18	1.174e+04	-3.682e+04
		-3.682e+04	-7828.37	-1.23e-03	0.0	80.0	-1861.73	622.38	-377.78	9845.18	-7828.37	1.840e+04
261	4	1.409e+04	7517.70	3.56e-03	-240.00	0.0	-1408.35	711.78	-273.01	7567.73	7517.70	-2.805e+04
		-2.805e+04	-6195.47	-1.06e-03	0.0	80.0	-1408.35	471.78	-273.01	7567.73	-6195.47	1.409e+04
261	7	1.469e+04	1.536e+04	5.72e-03	-240.00	0.0	-1557.16	749.66	-367.21	7721.17	1.536e+04	-2.938e+04
		-2.938e+04	-5456.45	-5.91e-04	0.0	80.0	-1557.16	509.66	-367.21	7721.17	-5456.45	1.469e+04
261	8	1.410e+04	9080.20	3.64e-03	-240.00	0.0	-1427.07	718.89	-290.51	7533.30	9080.20	-2.837e+04
		-2.837e+04	-5982.28	-8.86e-04	0.0	80.0	-1427.07	478.89	-290.51	7533.30	-5982.28	1.410e+04
261	10	1.961e+04	1.379e+04	3.04e-03	-240.00	0.0	-1585.57	839.06	-372.49	9686.89	1.379e+04	-3.140e+04
		-3.140e+04	-8614.43	-4.67e-04	0.0	80.0	-1585.57	599.06	-372.49	9686.89	-8614.43	1.961e+04
261	13	8399.48	9021.05	3.74e-03	-240.00	0.0	-1303.39	619.49	-258.25	5133.09	9021.05	-2.645e+04
		-2.645e+04	-2594.13	-6.02e-04	0.0	80.0	-1303.39	379.49	-258.25	5133.09	-2594.13	8399.48
261	19	1.789e+04	1.826e+04	6.54e-03	-240.00	0.0	-1534.05	813.06	-430.16	8816.82	1.826e+04	-3.269e+04
		-3.269e+04	-7545.68	2.30e-04	0.0	80.0	-1534.05	573.06	-430.16	8816.82	-7545.68	1.789e+04
261	31	1.270e+04	1.922e+04	9.34e-03	-240.00	0.0	-1393.84	712.51	-427.05	6376.45	1.922e+04	-3.162e+04
		-3.162e+04	-4744.24	6.53e-04	0.0	80.0	-1393.84	472.51	-427.05	6376.45	-4744.24	1.270e+04
261	42	1.961e+04	1.379e+04	3.04e-03	-240.00	0.0	-1585.57	839.06	-372.49	9686.89	1.379e+04	-3.140e+04
		-3.140e+04	-8614.43	-4.67e-04	0.0	80.0	-1585.57	599.06	-372.49	9686.89	-8614.43	1.961e+04
261	45	8399.48	9021.05	3.74e-03	-240.00	0.0	-1303.39	619.49	-258.25	5133.09	9021.05	-2.645e+04
		-2.645e+04	-2594.13	-6.02e-04	0.0	80.0	-1303.39	379.49	-258.25	5133.09	-2594.13	8399.48
261	51	1.789e+04	1.826e+04	6.54e-03	-240.00	0.0	-1534.05	813.06	-430.16	8816.82	1.826e+04	-3.269e+04
		-3.269e+04	-7545.68	2.30e-04	0.0	80.0	-1534.05	573.06	-430.16	8816.82	-7545.68	1.789e+04
261	63	1.270e+04	1.922e+04	9.34e-03	-240.00	0.0	-1393.84	712.51	-427.05	6376.45	1.922e+04	-3.162e+04
		-3.162e+04	-4744.24	6.53e-04	0.0	80.0	-1393.84	472.51	-427.05	6376.45	-4744.24	1.270e+04
261	74	1.400e+04	1.140e+04	3.39e-03	-240.00	0.0	-1444.48	729.28	-315.37	7409.99	1.140e+04	-2.892e+04
		-2.892e+04	-5604.28	-5.35e-04	0.0	80.0	-1444.48	489.28	-315.37	7409.99	-5604.28	1.400e+04
261	75	1.400e+04	1.140e+04	3.39e-03	-240.00	0.0	-1444.48	729.28	-315.37	7409.99	1.140e+04	-2.892e+04
		-2.892e+04	-5604.28	-5.35e-04	0.0	80.0	-1444.48	489.28	-315.37	7409.99	-5604.28	1.400e+04
261	76	1.400e+04	1.140e+04	3.39e-03	-240.00	0.0	-1444.48	729.28	-315.37	7409.99	1.140e+04	-2.892e+04
		-2.892e+04	-5604.28	-5.35e-04	0.0	80.0	-1444.48	489.28	-315.37	7409.99	-5604.28	1.400e+04
264	1	6947.25	1497.47	5.61e-03	-156.00	0.0	-945.57	-122.31	333.24	-1.251e+04	-5361.27	6947.25
		-6017.78	-5361.27	-1.49e-03	0.0	40.0	-945.57	-278.31	333.24	-1.251e+04	1497.47	-6017.78
264	3	6619.91	2538.90	4.01e-03	-156.00	0.0	-768.42	-140.60	306.80	-9833.95	-4190.24	6619.91
		-1524.32	-4190.24	-1.62e-03	0.0	40.0	-768.42	-296.60	306.80	-9833.95	2538.90	-1524.32
264	4	5032.53	2160.72	2.93e-03	-120.00	0.0	-559.23	-112.64	233.31	-7155.58	-3037.77	5032.53
		-1385.46	-3037.77	-1.29e-03	0.0	40.0	-559.23	-232.64	233.31	-7155.58	2160.72	-1385.46
264	7	5330.45	1198.17	4.05e-03	-120.00	0.0	-716.32	-94.00	251.83	-9325.17	-4014.93	5330.45
		-466.90	-4014.93	-1.13e-03	0.0	40.0	-716.32	-214.00	251.83	-9325.17	1198.17	-466.90
264	8	5112.22	1892.46	2.98e-03	-120.00	0.0	-598.22	-106.19	234.21	-7542.69	-3234.25	5112.22
		-1081.92	-3234.25	-1.21e-03	0.0	40.0	-598.22	-226.19	234.21	-7542.69	1892.46	-1081.92
264	31	7662.86	-2679.66	5.92e-03	-120.00	0.0	-1048.88	-3.45	176.26	-9555.36	-5418.56	7662.86
		5191.31	-5418.56	-4.82e-04	0.0	40.0	-1048.88	-123.45	176.26	-9555.36	-2679.66	5191.31
264	32	2863.46	5473.23	-2.07e-04	-120.00	0.0	-285.44	-183.18	288.06	-6554.73	-1652.15	2863.46
		-6151.28	-1652.15	-1.61e-03	0.0	40.0	-285.44	-303.18	288.06	-6554.73	5473.23	-6151.28
264	39	7760.85	-2195.67	6.14e-03	-120.00	0.0	-1024.83	-20.40	183.25	-9500.91	-5194.20	7760.85
		4618.56	-5194.20	-1.25e-03	0.0	40.0	-1024.83	-140.40	183.25	-9500.91	-2195.67	4618.56
264	63	7662.86	-2679.66	5.92e-03	-120.00	0.0	-1048.88	-3.45	176.26	-9555.36	-5418.56	7662.86
		5191.31	-5418.56	-4.82e-04	0.0	40.0	-1048.88	-123.45	176.26	-9555.36	-2679.66	5191.31
264	64	2863.46	5473.23	-2.07e-04	-120.00	0.0	-285.44	-183.18	288.06	-6554.73	-1652.15	2863.46
		-6151.28	-1652.15	-1.61e-03	0.0	40.0	-285.44	-303.18	288.06	-6554.73	5473.23	-6151.28
264	71	7760.85	-2195.67	6.14e-03	-120.00	0.0	-1024.83	-20.40	183.25	-9500.91	-5194.20	7760.85
		4618.56	-5194.20	-1.25e-03	0.0	40.0	-1024.83	-140.40	183.25	-9500.91	-2195.67	4618.56
264	74	5263.16	1396.78	2.85e-03	-120.00	0.0	-667.16	-93.32	232.16	-8055.05	-3535.35	5263.16
		-479.98	-3535.35	-1.04e-03	0.0	40.0	-667.16	-213.32	232.16	-8055.05	1396.78	-479.98
264	75	5263.16	1396.78	2.85e-03	-120.00	0.0	-667.16	-93.32	232.16	-8055.05	-3535.35	5263.16
		-479.98	-3535.35	-1.04e-03	0.0	40.0	-667.16	-213.32	232.16	-8055.05	1396.78	-479.98
264	76	5263.16	1396.78	2.85e-03	-120.00	0.0	-667.16	-93.32	232.16	-8055.05	-3535.35	5263.16
		-479.98	-3535.35	-1.04e-03	0.0	40.0	-667.16	-213.32	232.16	-8055.05	1396.78	-479.98
265	1	1.779e+04	-3435.79	5.41e-03	-156.00	0.0	-1577.71	-175.04	195.89	-4574.77	-7623.23	1.779e+04
		8059.71	-7623.23	-1.22e-03	0.0	40.0	-1577.71	-331.04	195.89	-4574.77	-3435.79	8059.71

265	3	1.687e+04	-2628.69	3.81e-03	-156.00	0.0	-1389.46	-165.67	213.41	-3199.27	-8101.68	1.687e+04
		7539.17	-8101.68	-1.40e-03	0.0	40.0	-1389.46	-321.67	213.41	-3199.27	-2628.69	7539.17
265	4	1.289e+04	-1888.11	2.79e-03	-120.00	0.0	-1040.22	-127.72	168.58	-2250.17	-6358.04	1.289e+04
		5709.90	-6358.04	-1.14e-03	0.0	40.0	-1040.22	-247.72	168.58	-2250.17	-1888.11	5709.90
265	7	1.354e+04	-2578.05	3.89e-03	-120.00	0.0	-1196.13	-131.97	150.65	-3364.36	-5870.48	1.354e+04
		6163.77	-5870.48	-9.22e-04	0.0	40.0	-1196.13	-251.97	150.65	-3364.36	-2578.05	6163.77
265	8	1.292e+04	-2039.99	2.83e-03	-120.00	0.0	-1070.63	-125.72	162.33	-2447.35	-6189.44	1.292e+04
		5816.74	-6189.44	-1.05e-03	0.0	40.0	-1070.63	-245.72	162.33	-2447.35	-2039.99	5816.74
265	10	1.124e+04	-927.70	2.35e-03	-120.00	0.0	-1230.59	-176.26	239.76	-1.283e+04	-8179.77	1.124e+04
		2259.58	-8179.77	-9.12e-04	0.0	40.0	-1230.59	-296.26	239.76	-1.283e+04	-927.70	2259.58
265	22	1.093e+04	-857.47	2.24e-03	-120.00	0.0	-1271.37	-179.01	239.42	-1.259e+04	-8118.86	1.093e+04
		2356.61	-8118.86	-6.11e-04	0.0	40.0	-1271.37	-299.01	239.42	-1.259e+04	-857.47	2356.61
265	31	8816.75	-2321.55	5.74e-03	-120.00	0.0	-1457.37	-42.80	140.14	-1228.40	-5444.67	8807.62
		6703.82	-5444.67	-2.74e-04	0.0	40.0	-1457.37	-162.80	140.14	-1228.40	-2321.55	6703.82
265	32	1.692e+04	-2258.88	-3.45e-04	-120.00	0.0	-777.48	-196.55	159.90	-4179.12	-6294.23	1.692e+04
		5299.47	-6294.23	-1.45e-03	0.0	40.0	-777.48	-316.55	159.90	-4179.12	-2258.88	5299.47
265	42	1.124e+04	-927.70	2.35e-03	-120.00	0.0	-1230.59	-176.26	239.76	-1.283e+04	-8179.77	1.124e+04
		2259.58	-8179.77	-9.12e-04	0.0	40.0	-1230.59	-296.26	239.76	-1.283e+04	-927.70	2259.58
265	54	1.093e+04	-857.47	2.24e-03	-120.00	0.0	-1271.37	-179.01	239.42	-1.259e+04	-8118.86	1.093e+04
		2356.61	-8118.86	-6.11e-04	0.0	40.0	-1271.37	-299.01	239.42	-1.259e+04	-857.47	2356.61
265	63	8816.75	-2321.55	5.74e-03	-120.00	0.0	-1457.37	-42.80	140.14	-1228.40	-5444.67	8807.62
		6703.82	-5444.67	-2.74e-04	0.0	40.0	-1457.37	-162.80	140.14	-1228.40	-2321.55	6703.82
265	64	1.692e+04	-2258.88	-3.45e-04	-120.00	0.0	-777.48	-196.55	159.90	-4179.12	-6294.23	1.692e+04
		5299.47	-6294.23	-1.45e-03	0.0	40.0	-777.48	-316.55	159.90	-4179.12	-2258.88	5299.47
265	74	1.286e+04	-2290.22	2.70e-03	-120.00	0.0	-1117.43	-119.68	150.02	-2703.76	-5869.45	1.286e+04
		6001.65	-5869.45	-8.61e-04	0.0	40.0	-1117.43	-239.68	150.02	-2703.76	-2290.22	6001.65
265	75	1.286e+04	-2290.22	2.70e-03	-120.00	0.0	-1117.43	-119.68	150.02	-2703.76	-5869.45	1.286e+04
		6001.65	-5869.45	-8.61e-04	0.0	40.0	-1117.43	-239.68	150.02	-2703.76	-2290.22	6001.65
265	76	1.286e+04	-2290.22	2.70e-03	-120.00	0.0	-1117.43	-119.68	150.02	-2703.76	-5869.45	1.286e+04
		6001.65	-5869.45	-8.61e-04	0.0	40.0	-1117.43	-239.68	150.02	-2703.76	-2290.22	6001.65
268	1	829.15	1.304e+04	0.01	-312.00	0.0	-186.01	245.28	533.08	-4.632e+04	-4169.52	-1872.96
		-2716.72	-4169.52	-3.26e-03	0.0	80.0	-186.01	-66.72	533.08	-4.632e+04	1.304e+04	-2716.72
268	4	89.77	7896.05	5.58e-03	-240.00	0.0	29.75	168.91	309.11	-2.784e+04	-1450.62	-2036.13
		-2584.34	-1450.62	-2.51e-03	0.0	80.0	29.75	-71.09	309.11	-2.784e+04	7896.05	-2584.34
268	5	744.95	1.190e+04	7.38e-03	-312.00	0.0	-151.86	220.17	467.28	-4.032e+04	-3261.15	-1586.40
		-3277.59	-3261.15	-2.89e-03	0.0	80.0	-151.86	-91.83	467.28	-4.032e+04	1.190e+04	-3277.59
268	7	624.41	9855.16	7.88e-03	-240.00	0.0	-137.81	184.80	399.88	-3.470e+04	-3066.23	-1397.57
		-2175.89	-3066.23	-2.45e-03	0.0	80.0	-137.81	-55.20	399.88	-3.470e+04	9855.16	-2175.89
268	8	251.24	8345.49	5.70e-03	-240.00	0.0	-20.05	169.76	327.72	-2.907e+04	-1828.83	-1771.53
		-2548.06	-1828.83	-2.42e-03	0.0	80.0	-20.05	-70.24	327.72	-2.907e+04	8345.49	-2548.06
268	9	568.28	9093.30	5.51e-03	-240.00	0.0	-115.04	168.05	356.01	-3.070e+04	-2460.65	-1206.53
		-2549.81	-2460.65	-2.21e-03	0.0	80.0	-115.04	-71.95	356.01	-3.070e+04	9093.30	-2549.81
268	31	5003.47	4998.09	0.01	-240.00	0.0	-784.71	153.23	369.50	-3.326e+04	-7563.30	3331.22
		1753.49	-7563.30	-1.62e-03	0.0	80.0	-784.71	-86.77	369.50	-3.326e+04	4998.09	1753.49
268	32	-3866.90	1.319e+04	-8.80e-04	-240.00	0.0	554.63	182.88	342.53	-2.813e+04	2642.00	-5744.29
		-6853.10	2642.00	-2.80e-03	0.0	80.0	554.63	-57.12	342.53	-2.813e+04	1.319e+04	-6853.10
268	34	-3873.22	1.229e+04	-1.52e-03	-240.00	0.0	389.21	211.47	349.47	-3.252e+04	1285.60	-7497.53
		-7497.53	1285.60	-1.82e-03	0.0	80.0	389.21	-28.53	349.47	-3.252e+04	1.229e+04	-7497.53
268	37	5663.10	5895.64	0.01	-240.00	0.0	-619.29	124.64	362.56	-2.888e+04	-6206.90	5084.46
		199.03	-6206.90	-2.59e-03	0.0	80.0	-619.29	-115.36	362.56	-2.888e+04	5895.64	199.03
268	40	-4049.27	1.319e+04	-1.29e-03	-240.00	0.0	537.85	192.01	345.53	-3.094e+04	2412.09	-6469.67
		-6469.67	2412.09	-1.86e-03	0.0	80.0	537.85	-47.99	345.53	-3.094e+04	1.319e+04	-6469.67
268	63	5003.47	4998.09	0.01	-240.00	0.0	-784.71	153.23	369.50	-3.326e+04	-7563.30	3331.22
		1753.49	-7563.30	-1.62e-03	0.0	80.0	-784.71	-86.77	369.50	-3.326e+04	4998.09	1753.49
268	64	-3866.90	1.319e+04	-8.80e-04	-240.00	0.0	554.63	182.88	342.53	-2.813e+04	2642.00	-5744.29
		-6853.10	2642.00	-2.80e-03	0.0	80.0	554.63	-57.12	342.53	-2.813e+04	1.319e+04	-6853.10
268	66	-3873.22	1.229e+04	-1.52e-03	-240.00	0.0	389.21	211.47	349.47	-3.252e+04	1285.60	-7497.53
		-7497.53	1285.60	-1.82e-03	0.0	80.0	389.21	-28.53	349.47	-3.252e+04	1.229e+04	-7497.53
268	69	5663.10	5895.64	0.01	-240.00	0.0	-619.29	124.64	362.56	-2.888e+04	-6206.90	5084.46
		199.03	-6206.90	-2.59e-03	0.0	80.0	-619.29	-115.36	362.56	-2.888e+04	5895.64	199.03
268	72	-4049.27	1.319e+04	-1.29e-03	-240.00	0.0	537.85	192.01	345.53	-3.094e+04	2412.09	-6469.67
		-6469.67	2412.09	-1.86e-03	0.0	80.0	537.85	-47.99	345.53	-3.094e+04	1.319e+04	-6469.67
268	74	568.28	9093.30	5.51e-03	-240.00	0.0	-115.04	168.05	356.01	-3.070e+04	-2460.65	-1206.53
		-2549.81	-2460.65	-2.21e-03	0.0	80.0	-115.04	-71.95	356.01	-3.070e+04	9093.30	-2549.81
268	75	568.28	9093.30	5.51e-03	-240.00	0.0	-115.04	168.05	356.01	-3.070e+04	-2460.65	-1206.53
		-2549.81	-2460.65	-2.21e-03	0.0	80.0	-115.04	-71.95	356.01	-3.070e+04	9093.30	-2549.81
268	76	568.28	9093.30	5.51e-03	-240.00	0.0	-115.04	168.05	356.01	-3.070e+04	-2460.65	-1206.53
		-2549.81	-2460.65	-2.21e-03	0.0	80.0	-115.04	-71.95	356.01	-3.070e+04	9093.30	-2549.81

Trave	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	N	V 2	V 3	T
	-1.991e+06	-7.970e+05	-1.04	-2.986e+04	-1.608e+04	-1.572e+04	-3430.31	-2.364e+05
	1.137e+06	9.148e+05	0.80	0.0	1.285e+04	1.414e+04	2897.65	2.113e+05

Trave f.	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Pt	Pos.	N	V 2	V 3	T	M 2	M 3
		daN	cm	cm	daN/cm2	cm	daN	daN	daN	daN cm	daN cm	daN cm

4	1	1.156e+04	5.310e+04	-0.01	-0.41	0.0	97.68	-1574.20	397.62	1.864e+04	-4.233e+04	-1.240e+04
		-9.968e+04	-4.233e+04	-7.42e-03		240.0	97.68	1732.76	397.62	1.700e+04	5.310e+04	1.156e+04
4	3	6601.91	5.908e+04	-2.00e-03	-0.43	0.0	96.06	-1798.67	446.85	1.648e+04	-4.816e+04	-6209.82
		-1.107e+05	-4.816e+04	-5.87e-03		240.0	96.06	1899.07	446.85	1.511e+04	5.908e+04	6601.91
4	4	4612.88	4.685e+04	3.91e-04	-0.33	0.0	73.52	-1426.32	355.35	1.245e+04	-3.844e+04	-4054.26
		-8.742e+04	-3.844e+04	-4.36e-03		240.0	73.52	1498.22	355.35	1.143e+04	4.685e+04	4612.88
4	7	8058.53	4.043e+04	-8.62e-03	-0.32	0.0	75.10	-1222.47	302.40	1.385e+04	-3.214e+04	-8674.50
		-7.698e+04	-3.214e+04	-5.44e-03		240.0	75.10	1334.37	302.40	1.263e+04	4.043e+04	8058.53
4	8	4751.18	4.442e+04	-1.37e-03	-0.33	0.0	74.03	-1372.12	335.21	1.241e+04	-3.603e+04	-4547.72
		-8.438e+04	-3.603e+04	-4.40e-03		240.0	74.03	1445.24	335.21	1.137e+04	4.442e+04	4751.18
4	10	3.206e+04	1.039e+05	-0.03	-0.37	0.0	83.25	-1206.51	829.18	-5.723e+04	-9.514e+04	2.381e+04
		-7.230e+04	-9.514e+04	-5.57e-03		240.0	83.25	1578.54	829.18	-5.795e+04	1.039e+05	3.206e+04
4	13	-2.338e+04	3.374e+04	0.03	-0.31	0.0	66.75	-1340.24	-247.92	8.096e+04	3.374e+04	-3.346e+04
		-9.071e+04	-2.577e+04	-2.93e-03		240.0	66.75	1102.71	-247.92	7.960e+04	-2.577e+04	-2.338e+04
4	26	3.559e+04	1.436e+05	-0.05	-0.38	0.0	80.69	-1211.61	1160.00	-5.832e+04	-1.348e+05	2.728e+04
		-7.117e+04	-1.348e+05	-5.27e-03		240.0	80.69	1632.76	1160.00	-5.897e+04	1.436e+05	3.559e+04
4	30	3.443e+04	1.462e+05	-0.05	-0.38	0.0	80.56	-1203.30	1181.54	-5.395e+04	-1.374e+05	2.601e+04
		-7.047e+04	-1.374e+05	-5.24e-03		240.0	80.56	1638.11	1181.54	-5.462e+04	1.462e+05	3.443e+04
4	33	-2.574e+04	7.597e+04	0.05	-0.31	0.0	69.44	-1343.44	-600.29	7.768e+04	7.597e+04	-3.567e+04
		-9.411e+04	-6.810e+04	-3.26e-03		240.0	69.44	1043.14	-600.29	7.626e+04	-6.810e+04	-2.574e+04
4	42	3.206e+04	1.039e+05	-0.03	-0.37	0.0	83.25	-1206.51	829.18	-5.723e+04	-9.514e+04	2.381e+04
		-7.230e+04	-9.514e+04	-5.57e-03		240.0	83.25	1578.54	829.18	-5.795e+04	1.039e+05	3.206e+04
4	45	-2.338e+04	3.374e+04	0.03	-0.31	0.0	66.75	-1340.24	-247.92	8.096e+04	3.374e+04	-3.346e+04
		-9.071e+04	-2.577e+04	-2.93e-03		240.0	66.75	1102.71	-247.92	7.960e+04	-2.577e+04	-2.338e+04
4	58	3.559e+04	1.436e+05	-0.05	-0.38	0.0	80.69	-1211.61	1160.00	-5.832e+04	-1.348e+05	2.728e+04
		-7.117e+04	-1.348e+05	-5.27e-03		240.0	80.69	1632.76	1160.00	-5.897e+04	1.436e+05	3.559e+04
4	62	3.443e+04	1.462e+05	-0.05	-0.38	0.0	80.56	-1203.30	1181.54	-5.395e+04	-1.374e+05	2.601e+04
		-7.047e+04	-1.374e+05	-5.24e-03		240.0	80.56	1638.11	1181.54	-5.462e+04	1.462e+05	3.443e+04
4	65	-2.574e+04	7.597e+04	0.05	-0.31	0.0	69.44	-1343.44	-600.29	7.768e+04	7.597e+04	-3.567e+04
		-9.411e+04	-6.810e+04	-3.26e-03		240.0	69.44	1043.14	-600.29	7.626e+04	-6.810e+04	-2.574e+04
4	74	4341.07	3.905e+04	-2.87e-03	-0.32	0.0	75.00	-1273.37	290.63	1.187e+04	-3.070e+04	-4827.24
		-7.863e+04	-3.070e+04	-4.25e-03		240.0	75.00	1340.63	290.63	1.082e+04	3.905e+04	4341.07
4	75	4341.07	3.905e+04	-2.87e-03	-0.32	0.0	75.00	-1273.37	290.63	1.187e+04	-3.070e+04	-4827.24
		-7.863e+04	-3.070e+04	-4.25e-03		240.0	75.00	1340.63	290.63	1.082e+04	3.905e+04	4341.07
4	76	4341.07	3.905e+04	-2.87e-03	-0.32	0.0	75.00	-1273.37	290.63	1.187e+04	-3.070e+04	-4827.24
		-7.863e+04	-3.070e+04	-4.25e-03		240.0	75.00	1340.63	290.63	1.082e+04	3.905e+04	4341.07
5	1	8.171e+04	8824.38	-0.05	-0.52	0.0	640.93	-2472.91	-73.40	-1.150e+04	8824.38	-1.896e+04
		-1.553e+05	-1.059e+04	-3.74e-03		264.4	640.93	3050.87	-73.40	-1.070e+04	-1.059e+04	8.171e+04
5	3	1.227e+05	1.157e+04	-0.04	-0.51	0.0	338.97	-2348.19	-110.75	-1.267e+04	1.157e+04	-1.192e+04
		-1.349e+05	-1.771e+04	-8.25e-04		264.4	338.97	3214.09	-110.75	-1.239e+04	-1.771e+04	1.227e+05
5	4	1.016e+05	9443.08	-0.03	-0.40	0.0	217.02	-1800.52	-91.47	-1.022e+04	9443.08	-8128.09
		-1.016e+05	-1.475e+04	-2.44e-04		264.4	217.02	2517.38	-91.47	-1.007e+04	-1.475e+04	1.016e+05
5	7	6.596e+04	6814.02	-0.04	-0.40	0.0	465.05	-1868.17	-58.29	-8558.25	6814.02	-1.435e+04
		-1.166e+05	-8599.29	-2.57e-03		264.4	465.05	2339.07	-58.29	-8008.29	-8599.29	6.596e+04
5	8	9.328e+04	8647.74	-0.03	-0.39	0.0	263.75	-1785.02	-83.19	-9337.39	8647.74	-9653.61
		-1.031e+05	-1.335e+04	-6.24e-04		264.4	263.75	2447.89	-83.19	-9135.07	-1.335e+04	9.328e+04
5	14	1.038e+05	2.511e+04	-0.04	-0.41	0.0	-977.83	-1512.07	-263.37	-4.982e+04	2.511e+04	7.659e+04
		-4.121e+04	-4.462e+04	1.65e-04		264.4	-977.83	2898.39	-263.37	-5.276e+04	-4.462e+04	1.038e+05
5	17	5.489e+04	2.292e+04	0.05	-0.37	0.0	1649.95	-1934.69	128.09	3.518e+04	-1.104e+04	-1.021e+05
		-1.720e+05	-1.104e+04	-2.28e-03		264.4	1649.95	1707.88	128.09	3.862e+04	2.292e+04	5.489e+04
5	22	1.046e+05	2.765e+04	-0.04	-0.41	0.0	-940.83	-1450.41	-287.56	-4.095e+04	2.765e+04	6.236e+04
		-5.323e+04	-4.849e+04	-8.03e-04		264.4	-940.83	2774.76	-287.56	-4.326e+04	-4.849e+04	1.046e+05
5	38	1.046e+05	3.753e+04	-0.06	-0.41	0.0	-675.06	-1520.91	-420.23	-4.529e+04	3.753e+04	6.570e+04
		-5.397e+04	-7.368e+04	0.01		264.4	-675.06	2923.81	-420.23	-4.844e+04	-7.368e+04	1.046e+05
5	41	5.406e+04	5.198e+04	0.07	-0.37	0.0	1347.18	-1925.85	284.95	3.065e+04	-2.346e+04	-9.117e+04
		-1.601e+05	-2.346e+04	-0.01		264.4	1347.18	1682.46	284.95	3.431e+04	5.198e+04	5.406e+04
5	46	1.038e+05	2.511e+04	-0.04	-0.41	0.0	-977.83	-1512.07	-263.37	-4.982e+04	2.511e+04	7.659e+04
		-4.121e+04	-4.462e+04	1.65e-04		264.4	-977.83	2898.39	-263.37	-5.276e+04	-4.462e+04	1.038e+05
5	49	5.489e+04	2.292e+04	0.05	-0.37	0.0	1649.95	-1934.69	128.09	3.518e+04	-1.104e+04	-1.021e+05
		-1.720e+05	-1.104e+04	-2.28e-03		264.4	1649.95	1707.88	128.09	3.862e+04	2.292e+04	5.489e+04
5	54	1.046e+05	2.765e+04	-0.04	-0.41	0.0	-940.83	-1450.41	-287.56	-4.095e+04	2.765e+04	6.236e+04
		-5.323e+04	-4.849e+04	-8.03e-04		264.4	-940.83	2774.76	-287.56	-4.326e+04	-4.849e+04	1.046e+05
5	70	1.046e+05	3.753e+04	-0.06	-0.41	0.0	-675.06	-1520.91	-420.23	-4.529e+04	3.753e+04	6.570e+04
		-5.397e+04	-7.368e+04	0.01		264.4	-675.06	2923.81	-420.23	-4.844e+04	-7.368e+04	1.046e+05
5	73	5.406e+04	5.198e+04	0.07	-0.37	0.0	1347.18	-1925.85	284.95	3.065e+04	-2.346e+04	-9.117e+04
		-1.601e+05	-2.346e+04	-0.01		264.4	1347.18	1682.46	284.95	3.431e+04	5.198e+04	5.406e+04
5	74	7.933e+04	7035.96	-0.03	-0.38	0.0	336.06	-1723.38	-67.64	-7319.94	7035.96	-1.274e+04
		-1.039e+05	-1.085e+04	-1.15e-03		264.4	336.06	2303.14	-67.64	-7065.81	-1.085e+04	7.933e+04
5	75	7.933e+04	7035.96	-0.03	-0.38	0.0	336.06	-1723.38	-67.64	-7319.94	7035.96	-1.274e+04
		-1.039e+05	-1.085e+04	-1.15e-03		264.4	336.06	2303.14	-67.64	-7065.81	-1.085e+04	7.933e+04
5	76	7.933e+04	7035.96	-0.03	-0.38	0.0	336.06	-1723.38	-67.64	-7319.94	7035.96	-1.274e+04
		-1.039e+05	-1.085e+04	-1.15e-03		264.4	336.06	2303.14	-67.64	-7065.81	-1.085e+04	7.933e+04
35	1	5.817e+05	2.320e+05	0.03	-0.78	0.0	-3577.97	-7804.76	-1178.94	9.086e+04	2.320e+05	2.092e+05
		-4.979e+05	-2.514e+05	0.01		410.0	-3577.97	9450.97	-1178.94	8.761e+04	-2.514e+05	5.817e+05
35	3	5.439e+05	3.096e+05	0.03	-0.72	0.0	-3158.56	-6416.75	-1577.13	2555.51	3.096e+05	4709.22
		-5.317e+05	-3.370e+05	0.02		410.0	-3158.56	8909.76	-1577.13	835.36	-3.370e+05	5.439e+05
35	5	6.913e+05	2.430e+05	0.01	-0.69	0.0	-2512.36	-5651.16	-1233.36	2.006e+04	2.430e+05	-1.358e+04

		-4.545e+05	-2.627e+05	0.01		410.0	-2512.36	9042.14	-1233.36	1.811e+04	-2.627e+05	6.913e+05
35	6	5.265e+05	1.870e+05	6.55e-03	-0.52	0.0	-1841.08	-4165.32	-949.88	9871.87	1.870e+05	-3.309e+04
		-3.526e+05	-2.024e+05	0.01		410.0	-1841.08	6865.84	-949.88	8493.08	-2.024e+05	5.265e+05
35	7	4.565e+05	1.796e+05	0.02	-0.59	0.0	-2603.21	-5703.77	-912.96	6.021e+04	1.796e+05	1.282e+05
		-3.781e+05	-1.947e+05	9.44e-03		410.0	-2603.21	7189.06	-912.96	5.790e+04	-1.947e+05	4.565e+05
35	8	4.312e+05	2.314e+05	0.02	-0.54	0.0	-2323.60	-4778.43	-1178.42	1343.40	2.314e+05	-8099.67
		-4.009e+05	-2.518e+05	0.01		410.0	-2323.60	6828.26	-1178.42	50.20	-2.518e+05	4.312e+05
35	9	5.295e+05	1.870e+05	7.25e-03	-0.53	0.0	-1892.80	-4268.03	-949.24	1.302e+04	1.870e+05	-2.029e+04
		-3.509e+05	-2.022e+05	0.01		410.0	-1892.80	6916.51	-949.24	1.157e+04	-2.022e+05	5.295e+05
35	18	7.570e+05	2.840e+05	-0.02	-0.54	0.0	-2129.46	-3652.58	-1312.76	-1.405e+04	2.840e+05	1.082e+05
		-2.523e+05	-2.776e+05	0.02		410.0	-2129.46	7686.39	-1312.76	-1.490e+04	-2.776e+05	7.570e+05
35	19	5.595e+05	2.621e+05	0.02	-0.53	0.0	-2889.68	-4224.85	-1408.85	-6561.76	2.621e+05	4.328e+04
		-2.820e+05	-2.961e+05	0.02		410.0	-2889.68	6997.65	-1408.85	-6573.74	-2.961e+05	5.595e+05
35	34	9.942e+05	2.300e+05	-0.02	-0.54	0.0	-580.86	-2901.95	-1150.41	-8076.89	2.300e+05	1.593e+05
		-3.021e+05	-2.064e+05	0.01		410.0	-580.86	8564.23	-1150.41	-9043.23	-2.064e+05	9.942e+05
35	37	6.477e+04	1.439e+05	0.02	-0.51	0.0	-3204.74	-5634.11	-748.06	3.411e+04	1.439e+05	-1.998e+05
		-4.629e+05	-1.981e+05	0.01		410.0	-3204.74	5268.80	-748.06	3.218e+04	-1.981e+05	6.477e+04
35	39	1.464e+05	1.917e+05	0.02	-0.52	0.0	-3569.13	-5441.46	-983.91	1.974e+04	1.917e+05	-1.481e+05
		-4.116e+05	-2.482e+05	0.01		410.0	-3569.13	5521.71	-983.91	1.811e+04	-2.482e+05	1.464e+05
35	40	9.125e+05	2.822e+05	-0.02	-0.53	0.0	-216.48	-3094.61	-914.56	6286.73	2.822e+05	4.328e+05
		-3.502e+05	-1.563e+05	6.54e-03		410.0	-216.48	8311.32	-914.56	5020.05	-1.563e+05	9.125e+05
35	50	7.570e+05	2.840e+05	-0.02	-0.54	0.0	-2129.46	-3652.58	-1312.76	-1.405e+04	2.840e+05	1.082e+05
		-2.523e+05	-2.776e+05	0.02		410.0	-2129.46	7686.39	-1312.76	-1.490e+04	-2.776e+05	7.570e+05
35	51	5.595e+05	2.621e+05	0.02	-0.53	0.0	-2889.68	-4224.85	-1408.85	-6561.76	2.621e+05	4.328e+04
		-2.820e+05	-2.961e+05	0.02		410.0	-2889.68	6997.65	-1408.85	-6573.74	-2.961e+05	5.595e+05
35	66	9.942e+05	2.300e+05	-0.02	-0.54	0.0	-580.86	-2901.95	-1150.41	-8076.89	2.300e+05	1.593e+05
		-3.021e+05	-2.064e+05	0.01		410.0	-580.86	8564.23	-1150.41	-9043.23	-2.064e+05	9.942e+05
35	69	6.477e+04	1.439e+05	0.02	-0.51	0.0	-3204.74	-5634.11	-748.06	3.411e+04	1.439e+05	-1.998e+05
		-4.629e+05	-1.981e+05	0.01		410.0	-3204.74	5268.80	-748.06	3.218e+04	-1.981e+05	6.477e+04
35	71	1.464e+05	1.917e+05	0.02	-0.52	0.0	-3569.13	-5441.46	-983.91	1.974e+04	1.917e+05	-1.481e+05
		-4.116e+05	-2.482e+05	0.01		410.0	-3569.13	5521.71	-983.91	1.811e+04	-2.482e+05	1.464e+05
35	72	9.125e+05	2.822e+05	-0.02	-0.53	0.0	-216.48	-3094.61	-914.56	6286.73	2.822e+05	4.328e+05
		-3.502e+05	-1.563e+05	6.54e-03		410.0	-216.48	8311.32	-914.56	5020.05	-1.563e+05	9.125e+05
35	74	5.295e+05	1.870e+05	7.25e-03	-0.53	0.0	-1892.80	-4268.03	-949.24	1.302e+04	1.870e+05	-2.029e+04
		-3.509e+05	-2.022e+05	0.01		410.0	-1892.80	6916.51	-949.24	1.157e+04	-2.022e+05	5.295e+05
35	75	5.295e+05	1.870e+05	7.25e-03	-0.53	0.0	-1892.80	-4268.03	-949.24	1.302e+04	1.870e+05	-2.029e+04
		-3.509e+05	-2.022e+05	0.01		410.0	-1892.80	6916.51	-949.24	1.157e+04	-2.022e+05	5.295e+05
35	76	5.295e+05	1.870e+05	7.25e-03	-0.53	0.0	-1892.80	-4268.03	-949.24	1.302e+04	1.870e+05	-2.029e+04
		-3.509e+05	-2.022e+05	0.01		410.0	-1892.80	6916.51	-949.24	1.157e+04	-2.022e+05	5.295e+05
44	1	1.956e+06	-3.114e+04	-0.07	-0.68	0.0	1010.30	-1.046e+04	20.94	-1.332e+05	-3.648e+04	1.956e+06
		4.145e+05	-3.648e+04	-5.27e-03		255.0	1010.30	-1874.41	20.94	-1.326e+05	-3.114e+04	4.145e+05
44	3	1.711e+06	2.076e+04	-0.06	-0.65	0.0	859.67	-9681.00	-373.03	-1.420e+05	2.076e+04	1.711e+06
		2.836e+05	-7.437e+04	-4.13e-03		255.0	859.67	-1716.99	-373.03	-1.418e+05	-7.437e+04	2.836e+05
44	4	1.285e+06	2.609e+04	-0.04	-0.49	0.0	649.03	-7373.92	-355.97	-1.121e+05	2.609e+04	1.285e+06
		1.983e+05	-6.468e+04	-3.08e-03		255.0	649.03	-1299.69	-355.97	-1.121e+05	-6.468e+04	1.983e+05
44	6	1.306e+06	-1773.06	-0.04	-0.48	0.0	622.04	-7223.42	-176.32	-1.009e+05	-1773.06	1.306e+06
		2.333e+05	-4.674e+04	-2.64e-03		255.0	622.04	-1340.75	-176.32	-1.008e+05	-4.674e+04	2.333e+05
44	7	1.470e+06	-2.344e+04	-0.05	-0.52	0.0	750.90	-7905.66	-17.86	-1.023e+05	-2.344e+04	1.470e+06
		3.039e+05	-2.799e+04	-3.80e-03		255.0	750.90	-1424.88	-17.86	-1.019e+05	-2.799e+04	3.039e+05
44	8	1.307e+06	1.472e+04	-0.04	-0.49	0.0	650.48	-7384.65	-280.51	-1.082e+05	1.472e+04	1.307e+06
		2.166e+05	-5.681e+04	-3.04e-03		255.0	650.48	-1319.93	-280.51	-1.081e+05	-5.681e+04	2.166e+05
44	9	1.320e+06	-3863.04	-0.05	-0.49	0.0	632.48	-7284.31	-160.74	-1.007e+05	-3863.04	1.320e+06
		2.399e+05	-4.485e+04	-2.75e-03		255.0	632.48	-1347.30	-160.74	-1.006e+05	-4.485e+04	2.399e+05
44	18	1.379e+06	-2.983e+04	0.04	-0.50	0.0	36.31	-6300.23	-112.37	-1.596e+05	-2.983e+04	1.379e+06
		4.622e+05	-8.640e+04	-2.43e-03		255.0	36.31	-384.10	-112.37	-1.593e+05	-8.640e+04	4.622e+05
44	19	1.356e+06	-6.526e+04	0.04	-0.49	0.0	-237.00	-6846.05	179.12	-1.307e+05	-6.526e+04	1.356e+06
		3.375e+05	-9.296e+04	-4.68e-03		255.0	-237.00	-928.24	179.12	-1.309e+05	-6.526e+04	3.375e+05
44	20	1.285e+06	8.523e+04	-0.05	-0.48	0.0	1501.96	-7722.57	-500.61	-7.076e+04	8.523e+04	1.285e+06
		1.424e+05	-2.445e+04	-8.32e-04		255.0	1501.96	-1766.36	-500.61	-7.040e+04	-2.445e+04	1.424e+05
44	31	1.296e+06	-1.890e+04	-0.04	-0.48	0.0	-42.87	-7980.66	383.31	-6.580e+04	-1.263e+05	1.296e+06
		8.010e+04	-1.263e+05	-6.74e-03		255.0	-42.87	-2046.87	383.31	-6.654e+04	-1.890e+04	8.010e+04
44	32	1.344e+06	1.186e+05	0.05	-0.50	0.0	1307.84	-6587.96	-704.80	-1.356e+05	1.186e+05	1.344e+06
		3.997e+05	-7.080e+04	1.25e-03		255.0	1307.84	-647.74	-704.80	-1.347e+05	-7.080e+04	3.997e+05
44	37	1.290e+06	5091.39	-0.05	-0.48	0.0	574.22	-8489.11	336.15	-2.942e+04	-9.333e+04	1.290e+06
		-7.650e+04	-9.333e+04	-4.39e-03		255.0	574.22	-2652.18	336.15	-3.026e+04	5091.39	-7.650e+04
44	50	1.379e+06	-2.983e+04	0.04	-0.50	0.0	36.31	-6300.23	-112.37	-1.596e+05	-2.983e+04	1.379e+06
		4.622e+05	-8.640e+04	-2.43e-03		255.0	36.31	-384.10	-112.37	-1.593e+05	-8.640e+04	4.622e+05
44	51	1.356e+06	-6.526e+04	0.04	-0.49	0.0	-237.00	-6846.05	179.12	-1.307e+05	-6.526e+04	1.356e+06
		3.375e+05	-9.296e+04	-4.68e-03		255.0	-237.00	-928.24	179.12	-1.309e+05	-6.526e+04	3.375e+05
44	52	1.285e+06	8.523e+04	-0.05	-0.48	0.0	1501.96	-7722.57	-500.61	-7.076e+04	8.523e+04	1.285e+06
		1.424e+05	-2.445e+04	-8.32e-04		255.0	1501.96	-1766.36	-500.61	-7.040e+04	-2.445e+04	1.424e+05
44	63	1.296e+06	-1.890e+04	-0.04	-0.48	0.0	-42.87	-7980.66	383.31	-6.580e+04	-1.263e+05	1.296e+06
		8.010e+04	-1.263e+05	-6.74e-03		255.0	-42.87	-2046.87	383.31	-6.654e+04	-1.890e+04	8.010e+04
44	64	1.344e+06	1.186e+05	0.05	-0.50	0.0	1307.84	-6587.96	-704.80	-1.356e+05	1.186e+05	1.344e+06
		3.997e+05	-7.080e+04	1.25e-03		255.0	1307.84	-647.74	-704.80	-1.347e+05	-7.080e+04	3.997e+05
44	69	1.290e+06	5091.39	-0.05	-0.48	0.0	574.22	-8489.11	336.15	-2.942e+04	-9.333e+04	1.290e+06
		-7.650e+04	-9.333e+04	-4.39e-03		255.0	574.22	-2652.18	336.15	-3.026e+04	5091.39	-

44	74	1.320e+06	-3863.04	-0.05	-0.49	0.0	632.48	-7284.31	-160.74	-1.007e+05	-3863.04	1.320e+06
		2.399e+05	-4.485e+04	-2.75e-03		255.0	632.48	-1347.30	-160.74	-1.006e+05	-4.485e+04	2.399e+05
44	75	1.320e+06	-3863.04	-0.05	-0.49	0.0	632.48	-7284.31	-160.74	-1.007e+05	-3863.04	1.320e+06
		2.399e+05	-4.485e+04	-2.75e-03		255.0	632.48	-1347.30	-160.74	-1.006e+05	-4.485e+04	2.399e+05
44	76	1.320e+06	-3863.04	-0.05	-0.49	0.0	632.48	-7284.31	-160.74	-1.007e+05	-3863.04	1.320e+06
		2.399e+05	-4.485e+04	-2.75e-03		255.0	632.48	-1347.30	-160.74	-1.006e+05	-4.485e+04	2.399e+05
63	1	6.389e+05	-145.63	-0.10	-0.61	0.0	453.35	-6641.05	53.81	1.374e+05	-1.390e+04	6.389e+05
		-1.438e+05	-1.390e+04	-7.56e-03		255.6	453.35	191.67	53.81	1.380e+05	-145.63	-1.436e+05
63	3	4.589e+05	9265.69	-0.07	-0.59	0.0	-13.54	-5650.23	-159.63	1.276e+05	9265.69	4.589e+05
		-1.312e+05	-3.153e+04	-6.68e-03		255.6	-13.54	911.86	-159.63	1.277e+05	-3.153e+04	-1.138e+05
63	4	3.257e+05	1.135e+04	-0.05	-0.45	0.0	-87.77	-4217.85	-162.78	9.681e+04	1.135e+04	3.257e+05
		-1.028e+05	-3.025e+04	-5.09e-03		255.6	-87.77	825.94	-162.78	9.682e+04	-3.025e+04	-8.370e+04
63	7	4.703e+05	-1608.36	-0.07	-0.46	0.0	307.42	-4964.98	31.71	1.049e+05	-9712.87	4.703e+05
		-1.075e+05	-9712.87	-5.62e-03		255.6	307.42	210.43	31.71	1.053e+05	-1608.36	-1.063e+05
63	8	3.503e+05	5728.33	-0.06	-0.45	0.0	-3.85	-4304.43	-110.58	9.840e+04	5728.33	3.503e+05
		-9.956e+04	-2.253e+04	-5.03e-03		255.6	-3.85	690.56	-110.58	9.846e+04	-2.253e+04	-8.640e+04
63	14	7.434e+05	6.592e+04	0.06	-0.45	0.0	-142.07	-2298.14	-581.09	-1.161e+05	6.592e+04	7.434e+05
		-5.127e+04	5312.51	-2.61e-03		255.6	-142.07	2652.42	-581.09	-1.172e+05	5312.51	8.558e+04
63	29	8.024e+04	1.199e+05	0.07	-0.43	0.0	649.32	-6116.52	1036.68	3.294e+05	-1.201e+05	8.024e+04
		-2.635e+05	-1.201e+05	-0.01		255.6	649.32	-1516.44	1036.68	3.310e+05	-1.199e+05	-2.635e+05
63	30	6.581e+05	1.113e+05	-0.08	-0.45	0.0	-405.34	-2721.20	-863.90	-1.131e+05	1.113e+05	6.581e+05
		-3.813e+04	-1.326e+05	-2.26e-03		255.6	-405.34	2319.09	-863.90	-1.145e+05	-1.326e+05	7.630e+04
63	31	2.272e+05	1.560e+05	0.07	-0.44	0.0	556.28	-5298.95	1060.02	2.438e+05	-9.483e+04	2.272e+05
		-1.942e+05	-9.483e+04	-0.01		255.6	556.28	-657.36	1060.02	2.450e+05	1.560e+05	-1.942e+05
63	32	5.340e+05	8.502e+04	-0.08	-0.45	0.0	-299.78	-3401.69	-1086.66	-4.138e+04	8.502e+04	5.340e+05
		-5.848e+04	-1.727e+05	4.65e-03		255.6	-299.78	1611.28	-1086.66	-4.242e+04	-1.727e+05	1.778e+04
63	33	1.030e+05	1.160e+05	0.07	-0.43	0.0	661.84	-5979.44	837.26	3.155e+05	-1.211e+05	1.030e+05
		-2.527e+05	-1.211e+05	-7.27e-03		255.6	661.84	-1365.16	837.26	3.171e+05	1.160e+05	-2.527e+05
63	46	7.434e+05	6.592e+04	0.06	-0.45	0.0	-142.07	-2298.14	-581.09	-1.161e+05	6.592e+04	7.434e+05
		-5.127e+04	5312.51	-2.61e-03		255.6	-142.07	2652.42	-581.09	-1.172e+05	5312.51	8.558e+04
63	61	8.024e+04	1.199e+05	0.07	-0.43	0.0	649.32	-6116.52	1036.68	3.294e+05	-1.201e+05	8.024e+04
		-2.635e+05	-1.201e+05	-0.01		255.6	649.32	-1516.44	1036.68	3.310e+05	1.199e+05	-2.635e+05
63	62	6.581e+05	1.113e+05	-0.08	-0.45	0.0	-405.34	-2721.20	-863.90	-1.131e+05	1.113e+05	6.581e+05
		-3.813e+04	-1.326e+05	-2.26e-03		255.6	-405.34	2319.09	-863.90	-1.145e+05	-1.326e+05	7.630e+04
63	63	2.272e+05	1.560e+05	0.07	-0.44	0.0	556.28	-5298.95	1060.02	2.438e+05	-9.483e+04	2.272e+05
		-1.942e+05	-9.483e+04	-0.01		255.6	556.28	-657.36	1060.02	2.450e+05	1.560e+05	-1.942e+05
63	64	5.340e+05	8.502e+04	-0.08	-0.45	0.0	-299.78	-3401.69	-1086.66	-4.138e+04	8.502e+04	5.340e+05
		-5.848e+04	-1.727e+05	4.65e-03		255.6	-299.78	1611.28	-1086.66	-4.242e+04	-1.727e+05	1.778e+04
63	65	1.030e+05	1.160e+05	0.07	-0.43	0.0	661.84	-5979.44	837.26	3.155e+05	-1.211e+05	1.030e+05
		-2.527e+05	-1.211e+05	-7.27e-03		255.6	661.84	-1365.16	837.26	3.171e+05	1.160e+05	-2.527e+05
63	74	3.806e+05	-4906.73	-0.06	-0.44	0.0	128.25	-4350.32	-13.32	1.012e+05	-4906.73	3.806e+05
		-9.492e+04	-8310.56	-4.77e-03		255.6	128.25	476.96	-13.32	1.013e+05	-8310.56	-8.820e+04
63	75	3.806e+05	-4906.73	-0.06	-0.44	0.0	128.25	-4350.32	-13.32	1.012e+05	-4906.73	3.806e+05
		-9.492e+04	-8310.56	-4.77e-03		255.6	128.25	476.96	-13.32	1.013e+05	-8310.56	-8.820e+04
63	76	3.806e+05	-4906.73	-0.06	-0.44	0.0	128.25	-4350.32	-13.32	1.012e+05	-4906.73	3.806e+05
		-9.492e+04	-8310.56	-4.77e-03		255.6	128.25	476.96	-13.32	1.013e+05	-8310.56	-8.820e+04
64	1	7.841e+04	-1.053e+04	-0.06	-0.47	0.0	129.41	-3013.82	-100.28	-9076.28	-1.053e+04	7.841e+04
		-1.739e+05	-4.212e+04	-6.47e-03		315.0	129.41	2188.52	-100.28	-8223.77	-4.212e+04	-1.409e+04
64	2	5.788e+04	-7589.30	-0.04	-0.36	0.0	112.03	-2318.72	-78.88	-7416.04	-7589.30	5.788e+04
		-1.353e+05	-3.244e+04	-5.26e-03		315.0	112.03	1695.34	-78.88	-6697.62	-3.244e+04	-1.083e+04
64	3	1.236e+05	-1.740e+04	-0.05	-0.47	0.0	-58.44	-3275.10	-97.14	-6483.90	-1.740e+04	1.236e+05
		-1.651e+05	-4.800e+04	-3.81e-03		315.0	-58.44	2195.07	-97.14	-6246.27	-4.800e+04	-1.481e+04
64	4	1.031e+05	-1.446e+04	-0.04	-0.36	0.0	-75.82	-2580.00	-75.74	-4823.66	-1.446e+04	1.031e+05
		-1.265e+05	-3.832e+04	-2.60e-03		315.0	-75.82	1701.90	-75.74	-4720.11	-3.832e+04	-1.151e+04
64	7	6.370e+04	-8550.19	-0.04	-0.36	0.0	87.80	-2317.89	-74.41	-6442.60	-8550.19	6.370e+04
		-1.316e+05	-3.199e+04	-4.64e-03		315.0	87.80	1667.95	-74.41	-5861.43	-3.199e+04	-1.074e+04
64	8	9.382e+04	-1.313e+04	-0.04	-0.36	0.0	-37.44	-2492.08	-72.31	-4714.35	-1.313e+04	9.382e+04
		-1.258e+05	-3.591e+04	-2.87e-03		315.0	-37.44	1672.32	-72.31	-4543.09	-3.591e+04	-1.122e+04
64	14	1.042e+05	-4.231e+04	-0.05	-0.39	0.0	-800.83	-2076.41	-170.72	-1.109e+04	-4.231e+04	1.042e+05
		-1.151e+05	-9.534e+04	-0.01		315.0	-800.83	2381.73	-170.72	-1.475e+04	-9.534e+04	6.574e+04
64	25	5.398e+04	4.304e+04	0.06	-0.32	0.0	854.24	-2636.15	62.46	1644.81	2.430e+04	5.398e+04
		-1.319e+05	2.430e+04	6.91e-03		315.0	854.24	934.67	62.46	4772.52	4.304e+04	-7.064e+04
64	30	9.700e+04	-6.921e+04	-0.10	-0.40	0.0	-754.76	-1953.79	-224.16	-8910.36	-6.921e+04	9.700e+04
		-1.165e+05	-1.385e+05	3.40e-03		315.0	-754.76	2451.51	-224.16	-1.268e+04	-1.385e+05	6.388e+04
64	33	5.957e+04	7.730e+04	0.11	-0.32	0.0	817.49	-2678.02	98.28	808.97	4.770e+04	5.957e+04
		-1.296e+05	4.770e+04	-8.41e-03		315.0	817.49	748.46	98.28	5072.33	7.730e+04	-8.471e+04
64	34	9.778e+04	-6.896e+04	-0.09	-0.40	0.0	-873.70	-2009.18	-209.86	-9392.52	-6.896e+04	9.778e+04
		-1.169e+05	-1.342e+05	4.35e-03		315.0	-873.70	2376.85	-209.86	-1.335e+04	-1.342e+05	6.311e+04
64	37	5.879e+04	7.306e+04	0.10	-0.33	0.0	936.43	-2622.63	83.97	1291.13	4.745e+04	5.879e+04
		-1.303e+05	4.745e+04	-9.87e-03		315.0	936.43	823.11	83.97	5739.50	7.306e+04	-8.394e+04
64	46	1.042e+05	-4.231e+04	-0.05	-0.39	0.0	-800.83	-2076.41	-170.72	-1.109e+04	-4.231e+04	1.042e+05
		-1.151e+05	-9.534e+04	-0.01		315.0	-800.83	2381.73	-170.72	-1.475e+04	-9.534e+04	6.574e+04
64	57	5.398e+04	4.304e+04	0.06	-0.32	0.0	854.24	-2636.15	62.46	1644.81	2.430e+04	5.398e+04
		-1.319e+05	2.430e+04	6.91e-03		315.0	854.24	934.67	62.46	4772.52	4.304e+04	-7.064e+04
64	62	9.700e+04	-6.921e+04	-0.10	-0.40	0.0	-754.76	-1953.79	-224.16	-8910.36	-6.921e+04	9.700e+04
		-1.165e+05	-1.385e+05	3.40e-03		315.0	-754.76	2451.51	-224.16	-1.268e+04	-1.385e+05	6.388e+04
64	65	5.957e+04	7.730e+04	0.11	-0.32	0.0	817.49	-2678.02	98.28	808.97	4.770e+04	5.957e+04

		-1.296e+05	4.770e+04	-8.41e-03		315.0	817.49	748.46	98.28	5072.33	7.730e+04	-8.471e+04
64	66	9.778e+04	-6.896e+04	-0.09	-0.40	0.0	-873.70	-2009.18	-209.86	-9392.52	-6.896e+04	9.778e+04
		-1.169e+05	-1.342e+05	4.35e-03		315.0	-873.70	2376.85	-209.86	-1.335e+04	-1.342e+05	6.311e+04
64	69	5.879e+04	7.306e+04	0.10	-0.33	0.0	936.43	-2622.63	83.97	1291.13	4.745e+04	5.879e+04
		-1.303e+05	4.745e+04	-9.87e-03		315.0	936.43	823.11	83.97	5739.50	7.306e+04	-8.394e+04
64	74	7.829e+04	-1.075e+04	-0.04	-0.35	0.0	31.37	-2315.91	-62.94	-4050.69	-1.075e+04	7.829e+04
		-1.225e+05	-3.058e+04	-3.14e-03		315.0	31.37	1599.98	-62.94	-3804.14	-3.058e+04	-1.041e+04
64	75	7.829e+04	-1.075e+04	-0.04	-0.35	0.0	31.37	-2315.91	-62.94	-4050.69	-1.075e+04	7.829e+04
		-1.225e+05	-3.058e+04	-3.14e-03		315.0	31.37	1599.98	-62.94	-3804.14	-3.058e+04	-1.041e+04
64	76	7.829e+04	-1.075e+04	-0.04	-0.35	0.0	31.37	-2315.91	-62.94	-4050.69	-1.075e+04	7.829e+04
		-1.225e+05	-3.058e+04	-3.14e-03		315.0	31.37	1599.98	-62.94	-3804.14	-3.058e+04	-1.041e+04
78	1	1.377e+05	3.170e+04	-0.02	-0.53	0.0	264.64	-3203.08	142.66	7.929e+04	-2540.17	1.377e+05
		-8.977e+04	-2540.17	-6.92e-03		240.0	264.64	2052.97	142.66	7.576e+04	3.170e+04	9312.39
78	3	1.205e+05	5.860e+04	-0.01	-0.52	0.0	196.54	-3081.13	392.08	6.765e+04	-3.550e+04	1.205e+05
		-9.054e+04	-3.550e+04	-7.38e-03		240.0	196.54	2240.62	392.08	6.492e+04	5.860e+04	2.438e+04
78	4	9.008e+04	5.032e+04	-7.78e-03	-0.40	0.0	139.21	-2362.98	349.58	5.084e+04	-3.357e+04	9.008e+04
		-7.019e+04	-3.357e+04	-5.88e-03		240.0	139.21	1769.95	349.58	4.886e+04	5.032e+04	2.192e+04
78	7	1.046e+05	2.580e+04	-0.02	-0.40	0.0	200.58	-2435.07	122.24	5.907e+04	-3538.11	1.046e+05
		-6.815e+04	-3538.11	-5.20e-03		240.0	200.58	1573.08	122.24	5.646e+04	2.580e+04	7901.33
78	8	9.313e+04	4.373e+04	-9.04e-03	-0.40	0.0	155.18	-2353.77	288.51	5.131e+04	-2.551e+04	9.313e+04
		-6.869e+04	-2.551e+04	-5.51e-03		240.0	155.18	1698.18	288.51	4.923e+04	4.373e+04	1.794e+04
78	26	3.365e+05	1.237e+05	-0.03	-0.42	0.0	-205.68	-910.69	1119.60	-8.421e+04	-1.449e+05	3.365e+05
		-4.364e+04	-1.449e+05	-6.86e-03		240.0	-205.68	3092.12	1119.60	-8.625e+04	1.237e+05	1.042e+05
78	29	-6.397e+04	1.236e+05	0.05	-0.38	0.0	576.52	-3709.90	-765.63	1.855e+05	-6.000e+04	-1.400e+05
		-1.675e+05	-6.000e+04	-2.49e-03		240.0	576.52	4.91	-765.63	1.831e+05	-6.000e+04	-8.269e+04
78	30	3.226e+05	1.206e+05	-0.03	-0.41	0.0	-210.43	-973.01	1089.82	-7.658e+04	-1.408e+05	3.226e+05
		-4.372e+04	-1.408e+05	-6.79e-03		240.0	-210.43	3002.34	1089.82	-7.863e+04	1.206e+05	1.009e+05
78	31	-4.761e+04	1.612e+05	0.05	-0.38	0.0	499.84	-3186.35	-1054.29	1.323e+05	1.612e+05	-5.106e+04
		-1.164e+05	-9.220e+04	-2.17e-03		240.0	499.84	568.65	-1054.29	1.300e+05	-9.220e+04	-4.761e+04
78	32	2.476e+05	1.559e+05	-0.03	-0.40	0.0	-129.00	-1434.24	1408.26	-3.105e+04	-1.825e+05	2.476e+05
		-5.245e+04	-1.825e+05	-7.17e-03		240.0	-129.00	2528.37	1408.26	-3.311e+04	1.559e+05	6.913e+04
78	33	-6.556e+04	1.195e+05	0.05	-0.38	0.0	581.27	-3647.58	-735.85	1.778e+05	1.195e+05	-1.261e+05
		-1.576e+05	-5.699e+04	-2.56e-03		240.0	581.27	94.68	-735.85	1.755e+05	-5.699e+04	-7.941e+04
78	58	3.365e+05	1.237e+05	-0.03	-0.42	0.0	-205.68	-910.69	1119.60	-8.421e+04	-1.449e+05	3.365e+05
		-4.364e+04	-1.449e+05	-6.86e-03		240.0	-205.68	3092.12	1119.60	-8.625e+04	1.237e+05	1.042e+05
78	61	-6.397e+04	1.236e+05	0.05	-0.38	0.0	576.52	-3709.90	-765.63	1.855e+05	1.236e+05	-1.400e+05
		-1.675e+05	-6.000e+04	-2.49e-03		240.0	576.52	4.91	-765.63	1.831e+05	-6.000e+04	-8.269e+04
78	62	3.226e+05	1.206e+05	-0.03	-0.41	0.0	-210.43	-973.01	1089.82	-7.658e+04	-1.408e+05	3.226e+05
		-4.372e+04	-1.408e+05	-6.79e-03		240.0	-210.43	3002.34	1089.82	-7.863e+04	1.206e+05	1.009e+05
78	63	-4.761e+04	1.612e+05	0.05	-0.38	0.0	499.84	-3186.35	-1054.29	1.323e+05	1.612e+05	-5.106e+04
		-1.164e+05	-9.220e+04	-2.17e-03		240.0	499.84	568.65	-1054.29	1.300e+05	-9.220e+04	-4.761e+04
78	64	2.476e+05	1.559e+05	-0.03	-0.40	0.0	-129.00	-1434.24	1408.26	-3.105e+04	-1.825e+05	2.476e+05
		-5.245e+04	-1.825e+05	-7.17e-03		240.0	-129.00	2528.37	1408.26	-3.311e+04	1.559e+05	6.913e+04
78	65	-6.556e+04	1.195e+05	0.05	-0.38	0.0	581.27	-3647.58	-735.85	1.778e+05	1.195e+05	-1.261e+05
		-1.576e+05	-5.699e+04	-2.56e-03		240.0	581.27	94.68	-735.85	1.755e+05	-5.699e+04	-7.941e+04
78	74	9.826e+04	3.182e+04	-0.01	-0.39	0.0	185.42	-2310.30	176.99	5.063e+04	-1.065e+04	9.826e+04
		-6.477e+04	-1.065e+04	-4.67e-03		240.0	185.42	1548.51	176.99	4.844e+04	3.182e+04	1.076e+04
78	75	9.826e+04	3.182e+04	-0.01	-0.39	0.0	185.42	-2310.30	176.99	5.063e+04	-1.065e+04	9.826e+04
		-6.477e+04	-1.065e+04	-4.67e-03		240.0	185.42	1548.51	176.99	4.844e+04	3.182e+04	1.076e+04
78	76	9.826e+04	3.182e+04	-0.01	-0.39	0.0	185.42	-2310.30	176.99	5.063e+04	-1.065e+04	9.826e+04
		-6.477e+04	-1.065e+04	-4.67e-03		240.0	185.42	1548.51	176.99	4.844e+04	3.182e+04	1.076e+04
84	1	1.023e+06	1.110e+04	0.04	-0.88	0.0	-1135.95	-1.047e+04	47.37	-1.103e+05	-8089.87	1.023e+06
		-5.113e+04	-8089.87	-3.40e-03		405.0	-1135.95	9796.30	47.37	-1.059e+05	1.110e+04	9.275e+05
84	3	9.975e+05	1.471e+04	0.04	-0.84	0.0	-912.22	-9749.79	48.07	-1.430e+05	-4759.69	9.975e+05
		-1.632e+04	-4759.69	-4.21e-03		405.0	-912.22	8761.13	48.07	-1.335e+05	1.471e+04	8.450e+05
84	4	7.938e+05	1.235e+04	0.04	-0.66	0.0	-666.46	-7581.77	38.46	-1.175e+05	-3228.79	7.938e+05
		4633.00	-3228.79	-3.40e-03		405.0	-666.46	6772.87	38.46	-1.095e+05	1.235e+04	6.697e+05
84	5	8.358e+05	9889.21	0.03	-0.78	0.0	-923.62	-8804.93	35.44	-1.130e+05	-4465.17	8.358e+05
		-8.116e+04	-4465.17	-3.41e-03		405.0	-923.62	7946.60	35.44	-1.061e+05	9889.21	6.982e+05
84	7	7.629e+05	8376.77	0.03	-0.66	0.0	-837.85	-7822.66	34.59	-8.535e+04	-5633.62	7.629e+05
		-4.144e+04	-5633.62	-2.61e-03		405.0	-837.85	7278.76	34.59	-8.165e+04	8376.77	6.838e+05
84	8	7.460e+05	1.079e+04	0.03	-0.64	0.0	-688.70	-7343.75	35.06	-1.072e+05	-3413.49	7.460e+05
		-1.824e+04	-3413.49	-3.15e-03		405.0	-688.70	6588.65	35.06	-1.001e+05	1.079e+04	6.288e+05
84	9	6.382e+05	7571.88	0.03	-0.60	0.0	-696.30	-6713.84	26.64	-8.720e+04	-3217.14	6.382e+05
		-6.146e+04	-3217.14	-2.61e-03		405.0	-696.30	6045.62	26.64	-8.179e+04	7571.88	5.309e+05
84	13	4.006e+05	-1.777e+04	0.01	-0.55	0.0	-552.02	-7844.26	111.38	-1.928e+04	-5.423e+04	4.006e+05
		-1.294e+05	-5.423e+04	2.61e-03		405.0	-552.02	5083.68	111.38	-1.584e+04	-1.777e+04	3.898e+05
84	19	6.896e+05	4.805e+04	0.04	-0.64	0.0	-1304.30	-6210.78	92.25	-1.428e+05	-4.506e+04	6.896e+05
		-4.305e+04	-4.506e+04	-5.26e-03		405.0	-1304.30	6409.32	92.25	-1.350e+05	4.805e+04	6.024e+05
84	34	9.558e+05	3.402e+04	-0.04	-0.61	0.0	606.66	-5495.18	65.45	-1.181e+05	-4481.33	9.558e+05
		1.021e+04	-4481.33	-5.39e-03		405.0	606.66	7299.51	65.45	-1.122e+05	3.402e+04	7.043e+05
84	35	4.238e+05	2.454e+04	0.04	-0.60	0.0	-2290.53	-7409.93	-46.43	-9.467e+04	2.454e+04	4.238e+05
		-1.249e+05	-464.22	-2.60e-03		405.0	-2290.53	5194.78	-46.43	-8.848e+04	-464.22	4.138e+05
84	36	8.526e+05	1.561e+04	-0.03	-0.59	0.0	897.94	-6017.76	99.71	-7.974e+04	-3.098e+04	8.526e+05
		-1.552e+04	-3.098e+04	-2.62e-03		405.0	897.94	6896.47	99.71	-7.510e+04	1.561e+04	6.481e+05
84	37	3.576e+05	-1952.96	0.03	-0.58	0.0	-1999.26	-7932.51	-12.18	-5.631e+04	-1952.96	3.207e+05
		-1.622e+05	-1.888e+04	4.58e-04		405.0	-1999.26	4791.74	-12.18	-5.135e+04	-1.888e+04	3.576e+05

84	45	4.006e+05	-1.777e+04	0.01	-0.55	0.0	-552.02	-7844.26	111.38	-1.928e+04	-5.423e+04	4.006e+05
		-1.294e+05	-5.423e+04	2.61e-03		405.0	-552.02	5083.68	111.38	-1.584e+04	-1.777e+04	3.898e+05
84	51	6.896e+05	4.805e+04	0.04	-0.64	0.0	-1304.30	-6210.78	92.25	-1.428e+05	-4.506e+04	6.896e+05
		-4.305e+04	-4.506e+04	-5.26e-03		405.0	-1304.30	6409.32	92.25	-1.350e+05	4.805e+04	6.024e+05
84	66	9.558e+05	3.402e+04	-0.04	-0.61	0.0	606.66	-5495.18	65.45	-1.181e+05	-4481.33	9.558e+05
		1.021e+04	-4481.33	-5.39e-03		405.0	606.66	7299.51	65.45	-1.122e+05	3.402e+04	7.043e+05
84	67	4.238e+05	2.454e+04	0.04	-0.60	0.0	-2290.53	-7409.93	-46.43	-9.467e+04	2.454e+04	4.238e+05
		-1.249e+05	-464.22	-2.60e-03		405.0	-2290.53	5194.78	-46.43	-8.848e+04	-464.22	4.138e+05
84	68	8.526e+05	1.561e+04	-0.03	-0.59	0.0	897.94	-6017.76	99.71	-7.974e+04	-3.098e+04	8.526e+05
		-1.552e+04	-3.098e+04	-2.62e-03		405.0	897.94	6896.47	99.71	-7.510e+04	1.561e+04	6.481e+05
84	69	3.576e+05	-1952.96	0.03	-0.58	0.0	-1999.26	-7932.51	-12.18	-5.631e+04	-1952.96	3.207e+05
		-1.622e+05	-1.888e+04	4.58e-04		405.0	-1999.26	4791.74	-12.18	-5.135e+04	-1.888e+04	3.576e+05
84	74	6.382e+05	7571.88	0.03	-0.60	0.0	-696.30	-6713.84	26.64	-8.720e+04	-3217.14	6.382e+05
		-6.146e+04	-3217.14	-2.61e-03		405.0	-696.30	6045.62	26.64	-8.179e+04	7571.88	5.309e+05
84	75	6.382e+05	7571.88	0.03	-0.60	0.0	-696.30	-6713.84	26.64	-8.720e+04	-3217.14	6.382e+05
		-6.146e+04	-3217.14	-2.61e-03		405.0	-696.30	6045.62	26.64	-8.179e+04	7571.88	5.309e+05
84	76	6.382e+05	7571.88	0.03	-0.60	0.0	-696.30	-6713.84	26.64	-8.720e+04	-3217.14	6.382e+05
		-6.146e+04	-3217.14	-2.61e-03		405.0	-696.30	6045.62	26.64	-8.179e+04	7571.88	5.309e+05
92	1	1.047e+06	3.429e+04	-0.06	-0.84	0.0	-2296.65	-1.180e+04	-80.82	-3.988e+05	3.429e+04	1.047e+06
		-4.223e+05	1560.51	-4.58e-04		405.0	-2296.65	6785.46	-80.82	-3.992e+05	1560.51	9.921e+05
92	3	9.921e+05	6.617e+04	0.06	-0.79	0.0	-2007.05	-1.117e+04	-203.44	-5.321e+05	6.617e+04	9.921e+05
		-4.677e+05	-1.622e+04	2.18e-03		405.0	-2007.05	5478.32	-203.44	-5.288e+05	-1.622e+04	-8.771e+04
92	6	6.106e+05	3.754e+04	0.03	-0.56	0.0	-1318.96	-7521.15	-104.26	-3.337e+05	3.754e+04	6.106e+05
		-3.524e+05	-4684.14	1.15e-03		405.0	-1318.96	4031.71	-104.26	-3.321e+05	-4684.14	-5.791e+04
92	7	7.757e+05	2.830e+04	-0.04	-0.63	0.0	-1690.62	-8830.56	-69.62	-3.106e+05	2.830e+04	7.757e+05
		-3.298e+05	104.11	4.69e-04		405.0	-1690.62	5010.09	-69.62	-3.106e+05	104.11	5.211e+04
92	8	7.392e+05	4.955e+04	0.05	-0.60	0.0	-1497.55	-8410.70	-151.36	-3.995e+05	4.955e+04	7.392e+05
		-3.599e+05	-1.175e+04	1.64e-03		405.0	-1497.55	4138.66	-151.36	-3.970e+05	-1.175e+04	-7.272e+04
92	9	6.173e+05	3.673e+04	0.03	-0.57	0.0	-1349.60	-7590.64	-100.82	-3.333e+05	3.673e+04	6.173e+05
		-3.501e+05	-4099.75	1.08e-03		405.0	-1349.60	4127.54	-100.82	-3.317e+05	-4099.75	-4.568e+04
92	10	8.017e+05	8.519e+04	-0.05	-0.59	0.0	-1461.02	-6359.01	-399.56	-4.164e+05	8.519e+04	8.017e+05
		-2.456e+05	-8.505e+04	2.35e-03		405.0	-1461.02	5296.78	-399.56	-4.140e+05	-8.505e+04	2.376e+05
92	18	7.670e+05	8.575e+04	-0.05	-0.60	0.0	-1327.96	-6429.43	-381.72	-4.326e+05	8.575e+04	7.670e+05
		-2.494e+05	-7.539e+04	-1.29e-03		405.0	-1327.96	4973.61	-381.72	-4.298e+05	-7.539e+04	1.905e+05
92	34	8.897e+05	3.321e+04	-0.05	-0.58	0.0	235.86	-5955.14	-77.52	-3.850e+05	3.321e+04	8.897e+05
		-2.366e+05	2236.90	1.12e-03		405.0	235.86	5964.04	-77.52	-3.834e+05	2236.90	3.741e+05
92	35	4.232e+05	6.501e+04	0.05	-0.57	0.0	-3253.93	-8684.13	-274.44	-3.264e+05	6.501e+04	4.232e+05
		-4.888e+05	-5.114e+04	1.95e-03		405.0	-3253.93	2756.32	-274.44	-3.245e+05	-5.114e+04	-3.500e+05
92	36	8.115e+05	4.294e+04	-0.05	-0.56	0.0	554.73	-6497.16	72.80	-3.401e+05	4.294e+04	8.115e+05
		-2.680e+05	8452.93	-7.71e-04		405.0	554.73	5498.77	72.80	-3.390e+05	4.294e+04	2.587e+05
92	37	3.449e+05	4.025e+04	0.04	-0.55	0.0	-2935.07	-9226.15	-124.12	-2.815e+05	4.025e+04	3.449e+05
		-5.625e+05	-1.044e+04	1.04e-03		405.0	-2935.07	2291.05	-124.12	-2.801e+05	-1.044e+04	-4.654e+05
92	42	8.017e+05	8.519e+04	-0.05	-0.59	0.0	-1461.02	-6359.01	-399.56	-4.164e+05	8.519e+04	8.017e+05
		-2.456e+05	-8.505e+04	2.35e-03		405.0	-1461.02	5296.78	-399.56	-4.140e+05	-8.505e+04	2.376e+05
92	50	7.670e+05	8.575e+04	-0.05	-0.60	0.0	-1327.96	-6429.43	-381.72	-4.326e+05	8.575e+04	7.670e+05
		-2.494e+05	-7.539e+04	-1.29e-03		405.0	-1327.96	4973.61	-381.72	-4.298e+05	-7.539e+04	1.905e+05
92	66	8.897e+05	3.321e+04	-0.05	-0.58	0.0	235.86	-5955.14	-77.52	-3.850e+05	3.321e+04	8.897e+05
		-2.366e+05	2236.90	1.12e-03		405.0	235.86	5964.04	-77.52	-3.834e+05	2236.90	3.741e+05
92	67	4.232e+05	6.501e+04	0.05	-0.57	0.0	-3253.93	-8684.13	-274.44	-3.264e+05	6.501e+04	4.232e+05
		-4.888e+05	-5.114e+04	1.95e-03		405.0	-3253.93	2756.32	-274.44	-3.245e+05	-5.114e+04	-3.500e+05
92	68	8.115e+05	4.294e+04	-0.05	-0.56	0.0	554.73	-6497.16	72.80	-3.401e+05	4.294e+04	8.115e+05
		-2.680e+05	8452.93	-7.71e-04		405.0	554.73	5498.77	72.80	-3.390e+05	4.294e+04	2.587e+05
92	69	3.449e+05	4.025e+04	0.04	-0.55	0.0	-2935.07	-9226.15	-124.12	-2.815e+05	4.025e+04	3.449e+05
		-5.625e+05	-1.044e+04	1.04e-03		405.0	-2935.07	2291.05	-124.12	-2.801e+05	-1.044e+04	-4.654e+05
92	74	6.173e+05	3.673e+04	0.03	-0.57	0.0	-1349.60	-7590.64	-100.82	-3.333e+05	3.673e+04	6.173e+05
		-3.501e+05	-4099.75	1.08e-03		405.0	-1349.60	4127.54	-100.82	-3.317e+05	-4099.75	-4.568e+04
92	75	6.173e+05	3.673e+04	0.03	-0.57	0.0	-1349.60	-7590.64	-100.82	-3.333e+05	3.673e+04	6.173e+05
		-3.501e+05	-4099.75	1.08e-03		405.0	-1349.60	4127.54	-100.82	-3.317e+05	-4099.75	-4.568e+04
92	76	6.173e+05	3.673e+04	0.03	-0.57	0.0	-1349.60	-7590.64	-100.82	-3.333e+05	3.673e+04	6.173e+05
		-3.501e+05	-4099.75	1.08e-03		405.0	-1349.60	4127.54	-100.82	-3.317e+05	-4099.75	-4.568e+04
110	2	6.390e+05	3.543e+04	0.12	-0.67	0.0	-947.74	-7404.55	-20.94	1.364e+04	3.543e+04	5.704e+05
		-1.282e+06	1.146e+04	6.95e-03		1145.0	-947.74	7727.57	-20.94	1.371e+04	1.146e+04	6.390e+05
110	3	9.289e+05	5.873e+04	0.20	-0.82	0.0	-1973.95	-1.185e+04	-27.68	1.952e+04	5.873e+04	8.260e+05
		-2.114e+06	2.703e+04	-8.46e-03		1145.0	-1973.95	1.229e+04	-27.68	1.980e+04	2.703e+04	9.289e+05
110	7	6.397e+05	3.498e+04	0.12	-0.65	0.0	-1007.53	-7594.08	-19.47	1.315e+04	3.498e+04	5.725e+05
		-1.324e+06	1.269e+04	6.22e-03		1145.0	-1007.53	7904.95	-19.47	1.347e+04	1.269e+04	6.397e+05
110	8	7.451e+05	4.361e+04	0.15	-0.62	0.0	-1475.29	-8995.19	-20.41	1.452e+04	4.361e+04	6.283e+05
		-1.603e+06	2.024e+04	-6.33e-03		1145.0	-1475.29	9321.92	-20.41	1.486e+04	2.024e+04	7.051e+05
110	10	1.465e+06	1.257e+05	-0.19	-0.68	0.0	-1144.19	-6884.11	-176.79	-4.431e+04	1.257e+05	1.430e+06
		-1.314e+06	-7.667e+04	-7.21e-03		1145.0	-1144.19	9162.04	-176.79	-4.317e+04	-7.667e+04	1.465e+06
110	14	1.435e+06	1.428e+05	-0.19	-0.68	0.0	-1138.92	-6834.12	-170.10	-4.276e+04	1.428e+05	1.435e+06
		-1.302e+06	-7.300e+04	-9.92e-03		1145.0	-1138.92	9187.71	-170.10	-4.184e+04	-7.300e+04	1.435e+06
110	15	1.349e+06	1.218e+05	0.15	-0.65	0.0	-1260.27	-7686.89	-205.68	-3.391e+04	1.218e+05	1.260e+06
		-1.417e+06	-9.268e+04	6.57e-03		1145.0	-1260.27	8565.93	-205.68	-3.293e+04	-9.268e+04	1.349e+06
110	37	2.721e+05	1.229e+04	0.20	-0.52	0.0	-1332.80	-9694.62	-23.75	4.175e+04	-3.076e+04	7.765e+05
		-1.637e+06	-3.076e+04	6.52e-03		1145.0	-1332.80	7116.32	-23.75	4.277e+04	1.229e+04	2.721e+05
110	39	6.965e+05	-186.65	0.20	-0.57	0.0	-1365.72	-9344.69	-45.46	1.614e+04	-1.838e+04	5.054e+05

		-1.597e+06-1.838e+04	9.90e-03		1145.0	-1365.72	7426.53	-45.46	1.717e+04	-186.65	6.965e+05
110	40	6.510e+05 8.620e+04	0.07	-0.61	0.0	-927.26	-6734.52	13.43	7712.23	8.620e+04	6.510e+05
		-1.257e+06 3.133e+04	-0.02		1145.0	-927.26	9212.96	13.43	8529.68	3.133e+04	5.873e+05
110	42	1.465e+06 1.257e+05	-0.19	-0.68	0.0	-1144.19	-6884.11	-176.79	-4.431e+04	1.257e+05	1.430e+06
		-1.314e+06-7.667e+04	-7.21e-03		1145.0	-1144.19	9162.04	-176.79	-4.317e+04	-7.667e+04	1.465e+06
110	46	1.435e+06 1.428e+05	-0.19	-0.68	0.0	-1138.92	-6834.12	-170.10	-4.276e+04	1.428e+05	1.423e+06
		-1.302e+06-7.300e+04	-9.92e-03		1145.0	-1138.92	9187.71	-170.10	-4.184e+04	-7.300e+04	1.435e+06
110	47	1.349e+06 1.218e+05	0.15	-0.65	0.0	-1260.27	-7686.89	-205.68	-3.391e+04	1.218e+05	1.260e+06
		-1.417e+06-9.268e+04	6.57e-03		1145.0	-1260.27	8565.93	-205.68	-3.293e+04	-9.268e+04	1.349e+06
110	69	2.721e+05 1.229e+04	0.20	-0.52	0.0	-1332.80	-9694.62	-23.75	4.175e+04	-3.076e+04	7.765e+04
		-1.637e+06-3.076e+04	6.52e-03		1145.0	-1332.80	7116.32	-23.75	4.277e+04	1.229e+04	2.721e+05
110	71	6.965e+05 -186.65	0.20	-0.57	0.0	-1365.72	-9344.69	-45.46	1.614e+04	-1.838e+04	5.054e+05
		-1.597e+06-1.838e+04	9.90e-03		1145.0	-1365.72	7426.53	-45.46	1.717e+04	-186.65	6.965e+05
110	72	6.510e+05 8.620e+04	0.07	-0.61	0.0	-927.26	-6734.52	13.43	7712.23	8.620e+04	6.510e+05
		-1.257e+06 3.133e+04	-0.02		1145.0	-927.26	9212.96	13.43	8529.68	3.133e+04	5.873e+05
110	74	6.419e+05 3.391e+04	0.13	-0.59	0.0	-1146.49	-8039.60	-16.01	1.193e+04	3.391e+04	5.782e+05
		-1.421e+06 1.557e+04	-4.84e-03		1145.0	-1146.49	8319.74	-16.01	1.285e+04	1.557e+04	6.419e+05
110	75	6.419e+05 3.391e+04	0.13	-0.59	0.0	-1146.49	-8039.60	-16.01	1.193e+04	3.391e+04	5.782e+05
		-1.421e+06 1.557e+04	-4.84e-03		1145.0	-1146.49	8319.74	-16.01	1.285e+04	1.557e+04	6.419e+05
110	76	6.419e+05 3.391e+04	0.13	-0.59	0.0	-1146.49	-8039.60	-16.01	1.193e+04	3.391e+04	5.782e+05
		-1.421e+06 1.557e+04	-4.84e-03		1145.0	-1146.49	8319.74	-16.01	1.285e+04	1.557e+04	6.419e+05
111	1	-6.045e+05 3.494e+04	0.08	-0.88	0.0	4010.60	766.54	-49.66	1.859e+04	3.494e+04	-1.029e+06
		-1.029e+06-2.192e+04	8.65e-03		1145.0	4010.60	-633.73	-49.66	1.553e+04	-2.192e+04	-9.340e+05
111	2	-3.653e+05 2.746e+04	0.05	-0.69	0.0	3140.93	1200.07	-39.28	1.448e+04	2.746e+04	-8.447e+05
		-8.447e+05-1.751e+04	7.01e-03		1145.0	3140.93	-1096.87	-39.28	1.196e+04	-1.751e+04	-7.721e+05
111	3	-7.248e+05 3.980e+04	0.19	-0.83	0.0	4831.22	-4531.23	-53.81	2.182e+04	3.980e+04	-8.546e+05
		-1.687e+06-2.181e+04	7.58e-03		1145.0	4831.22	4680.93	-53.81	1.902e+04	-2.181e+04	-7.248e+05
111	6	-4.166e+05 2.303e+04	0.12	-0.59	0.0	2772.04	-2827.61	-31.14	1.327e+04	2.303e+04	-4.940e+05
		-1.023e+06-1.262e+04	4.32e-03		1145.0	2772.04	2920.70	-31.14	1.194e+04	-1.262e+04	-4.166e+05
111	7	-5.548e+05 2.623e+04	0.07	-0.66	0.0	3034.51	37.84	-37.02	1.413e+04	2.623e+04	-7.434e+05
		-7.434e+05-1.615e+04	6.26e-03		1145.0	3034.51	62.73	-37.02	1.195e+04	-1.615e+04	-6.697e+05
111	8	-5.302e+05 2.947e+04	0.14	-0.63	0.0	3581.60	-3494.01	-39.78	1.628e+04	2.947e+04	-5.273e+05
		-1.277e+06-1.608e+04	5.55e-03		1145.0	3581.60	3605.83	-39.78	1.427e+04	-1.608e+04	-5.302e+05
111	9	-4.327e+05 2.328e+04	0.11	-0.59	0.0	2788.58	-2647.29	-31.59	1.333e+04	2.328e+04	-5.096e+05
		-9.941e+05-1.289e+04	4.47e-03		1145.0	2788.58	2741.10	-31.59	1.194e+04	-1.289e+04	-4.327e+05
111	14	3.513e+05 1.303e+05	-0.11	-0.65	0.0	2914.62	-1775.75	-218.40	-2.610e+04	1.303e+05	2.754e+05
		-9.383e+05-1.197e+05	7.00e-03		1145.0	2914.62	3611.76	-218.40	-2.761e+04	-1.197e+05	3.513e+05
111	18	3.693e+05 5.419e+04	0.11	-0.65	0.0	2884.17	-1806.87	85.89	-1.591e+04	-4.415e+04	2.935e+05
		-9.481e+05-4.415e+04	0.01		1145.0	2884.17	3589.16	85.89	-1.716e+04	5.419e+04	3.693e+05
111	21	-1.038e+06 9.071e+04	0.13	-0.53	0.0	2693.00	-3487.70	-149.07	4.256e+04	9.071e+04	-1.313e+06
		-1.445e+06-7.997e+04	-5.89e-03		1145.0	2693.00	1893.04	-149.07	4.104e+04	-7.997e+04	-1.235e+06
111	34	-1.406e+05 9.144e+04	0.09	-0.62	0.0	2945.24	-2060.54	-150.60	-8695.35	9.144e+04	-2.163e+05
		-9.137e+05-8.100e+04	3.97e-03		1145.0	2945.24	3281.29	-150.60	-1.047e+04	-8.100e+04	-1.406e+05
111	37	-7.247e+05 5.522e+04	0.13	-0.56	0.0	2631.93	-3234.04	87.42	3.535e+04	-4.488e+04	-8.029e+05
		-1.123e+06-4.488e+04	6.66e-03		1145.0	2631.93	2200.91	87.42	3.434e+04	5.522e+04	-7.247e+05
111	46	3.513e+05 1.303e+05	-0.11	-0.65	0.0	2914.62	-1775.75	-218.40	-2.610e+04	1.303e+05	2.754e+05
		-9.383e+05-1.197e+05	7.00e-03		1145.0	2914.62	3611.76	-218.40	-2.761e+04	-1.197e+05	3.513e+05
111	50	3.693e+05 5.419e+04	0.11	-0.65	0.0	2884.17	-1806.87	85.89	-1.591e+04	-4.415e+04	2.935e+05
		-9.481e+05-4.415e+04	0.01		1145.0	2884.17	3589.16	85.89	-1.716e+04	5.419e+04	3.693e+05
111	53	-1.038e+06 9.071e+04	0.13	-0.53	0.0	2693.00	-3487.70	-149.07	4.256e+04	9.071e+04	-1.313e+06
		-1.445e+06-7.997e+04	-5.89e-03		1145.0	2693.00	1893.04	-149.07	4.104e+04	-7.997e+04	-1.235e+06
111	66	-1.406e+05 9.144e+04	0.09	-0.62	0.0	2945.24	-2060.54	-150.60	-8695.35	9.144e+04	-2.163e+05
		-9.137e+05-8.100e+04	3.97e-03		1145.0	2945.24	3281.29	-150.60	-1.047e+04	-8.100e+04	-1.406e+05
111	69	-7.247e+05 5.522e+04	0.13	-0.56	0.0	2631.93	-3234.04	87.42	3.535e+04	-4.488e+04	-8.029e+05
		-1.123e+06-4.488e+04	6.66e-03		1145.0	2631.93	2200.91	87.42	3.434e+04	5.522e+04	-7.247e+05
111	74	-4.327e+05 2.328e+04	0.11	-0.59	0.0	2788.58	-2647.29	-31.59	1.333e+04	2.328e+04	-5.096e+05
		-9.941e+05-1.289e+04	4.47e-03		1145.0	2788.58	2741.10	-31.59	1.194e+04	-1.289e+04	-4.327e+05
111	75	-4.327e+05 2.328e+04	0.11	-0.59	0.0	2788.58	-2647.29	-31.59	1.333e+04	2.328e+04	-5.096e+05
		-9.941e+05-1.289e+04	4.47e-03		1145.0	2788.58	2741.10	-31.59	1.194e+04	-1.289e+04	-4.327e+05
111	76	-4.327e+05 2.328e+04	0.11	-0.59	0.0	2788.58	-2647.29	-31.59	1.333e+04	2.328e+04	-5.096e+05
		-9.941e+05-1.289e+04	4.47e-03		1145.0	2788.58	2741.10	-31.59	1.194e+04	-1.289e+04	-4.327e+05
112	2	-4.456e+05 3.475e+04	0.07	-0.71	0.0	3365.19	837.38	-62.28	2.094e+04	3.475e+04	-9.148e+05
		-9.148e+05-3.657e+04	7.42e-03		1145.0	3365.19	-802.78	-62.28	2.115e+04	-3.657e+04	-7.328e+05
112	3	-8.260e+05 4.990e+04	0.21	-0.86	0.0	5276.07	-4550.57	-89.80	3.339e+04	4.990e+04	-1.149e+06
		-1.865e+06-5.292e+04	8.46e-03		1145.0	5276.07	4624.73	-89.80	3.381e+04	-5.292e+04	-8.260e+05
112	6	-4.613e+05 2.948e+04	0.12	-0.60	0.0	3031.25	-2824.33	-53.01	2.050e+04	2.948e+04	-6.549e+05
		-1.112e+06-3.121e+04	4.85e-03		1145.0	3031.25	2866.35	-53.01	2.083e+04	-3.121e+04	-4.613e+05
112	8	-6.057e+05 3.702e+04	0.16	-0.65	0.0	3913.68	-3496.39	-66.62	2.501e+04	3.702e+04	-8.472e+05
		-1.406e+06-3.926e+04	6.21e-03		1145.0	3913.68	3551.17	-66.62	2.534e+04	-3.926e+04	-6.057e+05
112	9	-4.734e+05 2.982e+04	0.12	-0.60	0.0	3046.01	-2662.89	-53.60	2.048e+04	2.982e+04	-6.662e+05
		-1.085e+06-3.155e+04	4.99e-03		1145.0	3046.01	2705.41	-53.60	2.078e+04	-3.155e+04	-4.734e+05
112	14	2.233e+05 1.029e+05	0.12	-0.65	0.0	2973.72	-1853.07	-180.96	-6056.83	1.029e+05	4.518e+04
		-1.026e+06-1.043e+05	7.14e-03		1145.0	2973.72	3608.76	-180.96	-5776.97	-1.043e+05	2.233e+05
112	18	3.451e+05 1.406e+04	0.12	-0.65	0.0	3103.87	-1701.29	26.36	-2001.39	-1.613e+04	1.678e+05
		-1.026e+06-1.613e+04	0.01		1145.0	3103.87	3767.99	26.36	-1669.31	1.406e+04	3.451e+05
112	25	-1.111e+06 5.778e+04	0.14	-0.56	0.0	2917.09	-3619.29	-102.31	4.353e+04	5.778e+04	-1.504e+06
		-1.612e+06-5.936e+04	-5.34e-03		1145.0	2917.09	1628.65	-102.31	4.386e+04	-5.936e+04	-1.292e+06

112	35	-3.615e+05	1.676e+04	0.13	-0.61	0.0	2893.83	-2555.54	-31.06	1.947e+04	1.676e+04	-5.743e+05
		-1.090e+06	-1.879e+04	7.25e-03		1145.0	2893.83	2719.09	-31.06	1.963e+04	-1.879e+04	-3.615e+05
112	36	-5.854e+05	4.288e+04	0.12	-0.60	0.0	3198.19	-2770.24	-76.14	2.148e+04	4.288e+04	-7.582e+05
		-1.104e+06	-4.431e+04	3.12e-03		1145.0	3198.19	2691.74	-76.14	2.193e+04	-4.431e+04	-5.854e+05
112	46	2.233e+05	1.029e+05	0.12	-0.65	0.0	2973.72	-1853.07	-180.96	-6056.83	1.029e+05	4.518e+04
		-1.026e+06	-1.043e+05	7.14e-03		1145.0	2973.72	3608.76	-180.96	-5776.97	-1.043e+05	2.233e+05
112	50	3.451e+05	1.406e+04	0.12	-0.65	0.0	3103.87	-1701.29	26.36	-2001.39	-1.613e+04	1.678e+05
		-1.026e+06	-1.613e+04	0.01		1145.0	3103.87	3767.99	26.36	-1669.31	1.406e+04	3.451e+05
112	57	-1.111e+06	5.778e+04	0.14	-0.56	0.0	2917.09	-3619.29	-102.31	4.353e+04	5.778e+04	-1.504e+06
		-1.612e+06	-5.936e+04	-5.34e-03		1145.0	2917.09	1628.65	-102.31	4.386e+04	-5.936e+04	-1.292e+06
112	67	-3.615e+05	1.676e+04	0.13	-0.61	0.0	2893.83	-2555.54	-31.06	1.947e+04	1.676e+04	-5.743e+05
		-1.090e+06	-1.879e+04	7.25e-03		1145.0	2893.83	2719.09	-31.06	1.963e+04	-1.879e+04	-3.615e+05
112	68	-5.854e+05	4.288e+04	0.12	-0.60	0.0	3198.19	-2770.24	-76.14	2.148e+04	4.288e+04	-7.582e+05
		-1.104e+06	-4.431e+04	3.12e-03		1145.0	3198.19	2691.74	-76.14	2.193e+04	-4.431e+04	-5.854e+05
112	74	-4.734e+05	2.982e+04	0.12	-0.60	0.0	3046.01	-2662.89	-53.60	2.048e+04	2.982e+04	-6.662e+05
		-1.085e+06	-3.155e+04	4.99e-03		1145.0	3046.01	2705.41	-53.60	2.078e+04	-3.155e+04	-4.734e+05
112	75	-4.734e+05	2.982e+04	0.12	-0.60	0.0	3046.01	-2662.89	-53.60	2.048e+04	2.982e+04	-6.662e+05
		-1.085e+06	-3.155e+04	4.99e-03		1145.0	3046.01	2705.41	-53.60	2.078e+04	-3.155e+04	-4.734e+05
112	76	-4.734e+05	2.982e+04	0.12	-0.60	0.0	3046.01	-2662.89	-53.60	2.048e+04	2.982e+04	-6.662e+05
		-1.085e+06	-3.155e+04	4.99e-03		1145.0	3046.01	2705.41	-53.60	2.078e+04	-3.155e+04	-4.734e+05
113	1	-5.182e+05	4.565e+04	0.09	-0.91	0.0	4188.14	539.92	-80.23	4.676e+04	4.565e+04	-1.201e+06
		-1.201e+06	-4.621e+04	9.45e-03		1145.0	4188.14	-540.61	-80.23	4.967e+04	-4.621e+04	-6.449e+05
113	3	-4.681e+05	4.423e+04	0.20	-0.87	0.0	5090.18	-4430.60	-78.13	5.562e+04	4.423e+04	-1.202e+06
		-1.070e+06	-4.523e+04	8.41e-03		1145.0	5090.18	4489.85	-78.13	5.860e+04	-4.523e+04	-4.681e+05
113	6	-2.338e+05	2.704e+04	0.12	-0.61	0.0	2917.00	-2790.71	-47.88	3.494e+04	2.704e+04	-6.834e+05
		-1.078e+06	-2.778e+04	4.84e-03		1145.0	2917.00	2826.93	-47.88	3.637e+04	-2.778e+04	-2.338e+05
113	7	-4.546e+05	3.371e+04	0.08	-0.68	0.0	3173.07	-96.44	-59.29	3.583e+04	3.371e+04	-8.859e+05
		-8.859e+05	-3.418e+04	6.85e-03		1145.0	3173.07	100.43	-59.29	3.796e+04	-3.418e+04	-4.546e+05
113	8	-3.367e+05	3.276e+04	0.15	-0.66	0.0	3774.43	-3410.13	-57.89	4.174e+04	3.276e+04	-8.866e+05
		-1.361e+06	-3.353e+04	6.17e-03		1145.0	3774.43	3454.07	-57.89	4.391e+04	-3.353e+04	-3.367e+05
113	9	-2.460e+05	2.767e+04	0.12	-0.61	0.0	2931.92	-2632.65	-48.96	3.494e+04	2.767e+04	-6.945e+05
		-1.055e+06	-2.839e+04	5.00e-03		1145.0	2931.92	2669.60	-48.96	3.636e+04	-2.839e+04	-2.460e+05
113	11	1.637e+05	1.244e+05	0.11	-0.64	0.0	3154.16	-2197.31	-220.64	1.647e+04	1.244e+05	-2.542e+05
		-9.423e+05	-1.282e+05	9.01e-03		1145.0	3154.16	3252.18	-220.64	1.762e+04	-1.282e+05	1.637e+05
113	22	4.212e+05	3.372e+04	0.10	-0.65	0.0	2612.49	-1829.72	56.79	9915.03	-3.131e+04	4.062e+04
		-9.122e+05	-3.131e+04	0.01		1145.0	2612.49	3708.79	56.79	1.118e+04	3.372e+04	4.212e+05
113	25	-9.132e+05	8.664e+04	0.13	-0.57	0.0	3251.35	-3435.58	-154.71	5.997e+04	8.664e+04	-1.430e+06
		-1.553e+06	-9.050e+04	-5.19e-03		1145.0	3251.35	1630.42	-154.71	6.154e+04	-9.050e+04	-9.132e+05
113	43	1.637e+05	1.244e+05	0.11	-0.64	0.0	3154.16	-2197.31	-220.64	1.647e+04	1.244e+05	-2.542e+05
		-9.423e+05	-1.282e+05	9.01e-03		1145.0	3154.16	3252.18	-220.64	1.762e+04	-1.282e+05	1.637e+05
113	54	4.212e+05	3.372e+04	0.10	-0.65	0.0	2612.49	-1829.72	56.79	9915.03	-3.131e+04	4.062e+04
		-9.122e+05	-3.131e+04	0.01		1145.0	2612.49	3708.79	56.79	1.118e+04	3.372e+04	4.212e+05
113	57	-9.132e+05	8.664e+04	0.13	-0.57	0.0	3251.35	-3435.58	-154.71	5.997e+04	8.664e+04	-1.430e+06
		-1.553e+06	-9.050e+04	-5.19e-03		1145.0	3251.35	1630.42	-154.71	6.154e+04	-9.050e+04	-9.132e+05
113	74	-2.460e+05	2.767e+04	0.12	-0.61	0.0	2931.92	-2632.65	-48.96	3.494e+04	2.767e+04	-6.945e+05
		-1.055e+06	-2.839e+04	5.00e-03		1145.0	2931.92	2669.60	-48.96	3.636e+04	-2.839e+04	-2.460e+05
113	75	-2.460e+05	2.767e+04	0.12	-0.61	0.0	2931.92	-2632.65	-48.96	3.494e+04	2.767e+04	-6.945e+05
		-1.055e+06	-2.839e+04	5.00e-03		1145.0	2931.92	2669.60	-48.96	3.636e+04	-2.839e+04	-2.460e+05
113	76	-2.460e+05	2.767e+04	0.12	-0.61	0.0	2931.92	-2632.65	-48.96	3.494e+04	2.767e+04	-6.945e+05
		-1.055e+06	-2.839e+04	5.00e-03		1145.0	2931.92	2669.60	-48.96	3.636e+04	-2.839e+04	-2.460e+05
114	3	1.809e+06	3.439e+04	-0.17	-0.88	0.0	4070.30	-4345.78	85.51	4.381e+04	-6.352e+04	-1.026e+06
		-1.533e+06	-6.352e+04	8.57e-03		1145.0	4070.30	7484.22	85.51	4.610e+04	3.439e+04	1.809e+06
114	6	1.259e+06	2.214e+04	-0.10	-0.62	0.0	2291.00	-2887.80	53.17	2.918e+04	-3.874e+04	-5.853e+05
		-9.388e+05	-3.874e+04	4.85e-03		1145.0	2291.00	5001.94	53.17	2.944e+04	-2.214e+04	1.259e+06
114	8	1.382e+06	2.637e+04	-0.13	-0.67	0.0	3012.78	-3370.57	64.97	3.290e+04	-4.802e+04	-7.547e+05
		-1.156e+06	-4.802e+04	6.27e-03		1145.0	3012.78	5745.96	64.97	3.445e+04	2.637e+04	1.382e+06
114	9	1.244e+06	2.122e+04	-0.10	-0.63	0.0	2302.66	-2722.16	51.52	2.955e+04	-3.777e+04	-5.996e+05
		-9.208e+05	-3.777e+04	5.02e-03		1145.0	2302.66	4834.01	51.52	2.984e+04	2.122e+04	1.244e+06
114	10	1.515e+06	9.448e+04	-0.13	-0.66	0.0	2829.05	-2489.64	187.22	5781.51	-1.199e+05	-3.098e+05
		-7.122e+05	-1.199e+05	7.60e-03		1145.0	2829.05	5442.81	187.22	6892.12	9.448e+04	1.515e+06
114	18	1.579e+06	9.065e+04	-0.13	-0.67	0.0	2895.45	-2397.02	180.08	4561.56	-1.156e+05	-1.337e+05
		-6.236e+05	-1.156e+05	0.02		1145.0	2895.45	5511.56	180.08	5425.86	9.065e+04	1.579e+06
114	23	1.524e+06	7.530e+04	-0.12	-0.66	0.0	3087.58	-2558.88	151.84	1.484e+04	-9.855e+04	-1.955e+05
		-6.574e+05	-9.855e+04	0.02		1145.0	3087.58	5393.31	151.84	1.479e+04	7.530e+04	1.524e+06
114	24	9.635e+05	2.301e+04	0.15	-0.60	0.0	1517.73	-2885.44	-48.79	4.425e+04	2.301e+04	-1.004e+06
		-1.233e+06	-3.286e+04	-6.84e-03		1145.0	1517.73	4274.71	-48.79	4.489e+04	-3.286e+04	9.635e+05
114	25	9.091e+05	3.830e+04	0.15	-0.59	0.0	1715.12	-3040.93	-74.12	5.420e+04	3.830e+04	-1.070e+06
		-1.282e+06	-4.659e+04	-4.93e-03		1145.0	1715.12	4134.95	-74.12	5.383e+04	-4.659e+04	9.091e+05
114	42	1.515e+06	9.448e+04	-0.13	-0.66	0.0	2829.05	-2489.64	187.22	5781.51	-1.199e+05	-3.098e+05
		-7.122e+05	-1.199e+05	7.60e-03		1145.0	2829.05	5442.81	187.22	6892.12	9.448e+04	1.515e+06
114	50	1.579e+06	9.065e+04	-0.13	-0.67	0.0	2895.45	-2397.02	180.08	4561.56	-1.156e+05	-1.337e+05
		-6.236e+05	-1.156e+05	0.02		1145.0	2895.45	5511.56	180.08	5425.86	9.065e+04	1.579e+06
114	55	1.524e+06	7.530e+04	-0.12	-0.66	0.0	3087.58	-2558.88	151.84	1.484e+04	-9.855e+04	-1.955e+05
		-6.574e+05	-9.855e+04	0.02		1145.0	3087.58	5393.31	151.84	1.479e+04	7.530e+04	1.524e+06
114	56	9.635e+05	2.301e+04	0.15	-0.60	0.0	1517.73	-2885.44	-48.79	4.425e+04	2.301e+04	-1.004e+06
		-1.233e+06	-3.286e+04	-6.84e-03		1145.0	1517.73	4274.71	-48.79	4.489e+04	-3.286e+04	9.635e+05
114	57	9.091e+05	3.830e+04	0.15	-0.59	0.0	1715.12	-3040.93	-74.12	5.420e+04	3.830e+04	-1.070e+06

		-1.282e+06	-4.659e+04	-4.93e-03		1145.0	1715.12	4134.95	-74.12	5.383e+04	-4.659e+04	9.091e+05
114	74	1.244e+06	2.122e+04	-0.10	-0.63	0.0	2302.66	-2722.16	51.52	2.955e+04	-3.777e+04	-5.996e+05
		-9.208e+05	-3.777e+04	5.02e-03		1145.0	2302.66	4834.01	51.52	2.984e+04	2.122e+04	1.244e+06
114	75	1.244e+06	2.122e+04	-0.10	-0.63	0.0	2302.66	-2722.16	51.52	2.955e+04	-3.777e+04	-5.996e+05
		-9.208e+05	-3.777e+04	5.02e-03		1145.0	2302.66	4834.01	51.52	2.984e+04	2.122e+04	1.244e+06
114	76	1.244e+06	2.122e+04	-0.10	-0.63	0.0	2302.66	-2722.16	51.52	2.955e+04	-3.777e+04	-5.996e+05
		-9.208e+05	-3.777e+04	5.02e-03		1145.0	2302.66	4834.01	51.52	2.984e+04	2.122e+04	1.244e+06
115	1	5.423e+04	-1.501e+04	-5.26e-03	-0.77	0.0	175.16	-4834.34	391.75	879.53	-4.202e+04	5.423e+04
		-2.271e+05	-4.202e+04	-1.18e-03		68.9	175.16	-3332.67	391.75	1053.42	-1.501e+04	-2.271e+05
115	2	4.838e+04	-1.297e+04	-4.31e-03	-0.60	0.0	200.50	-3843.87	295.77	312.30	-3.336e+04	4.838e+04
		-1.766e+05	-3.336e+04	-8.70e-04		68.9	200.50	-2686.20	295.77	461.53	-1.297e+04	-1.766e+05
115	3	-7.209e+04	-7724.94	-3.12e-03	-0.70	0.0	-244.30	-3956.04	533.31	-4794.69	-4.449e+04	-7.209e+04
		-2.910e+05	-4.449e+04	-1.83e-03		68.9	-244.30	-2397.01	533.31	-4657.59	-7724.94	-2.910e+05
115	5	-4288.29	-5484.43	-2.95e-03	-0.69	0.0	-460.83	-3746.08	433.66	1445.22	-3.538e+04	-4288.29
		-2.109e+05	-3.538e+04	-1.46e-03		68.9	-460.83	-2249.09	433.66	1517.95	-5484.43	-2.109e+05
115	6	-1.014e+04	-3449.91	-2.01e-03	-0.52	0.0	-435.50	-2755.61	337.68	877.98	-2.01e+03	-1.014e+04
		-1.603e+05	-2.673e+04	-1.15e-03		68.9	-435.50	-1602.62	337.68	926.05	-3449.91	-1.603e+05
115	7	3.274e+04	-1.023e+04	-3.69e-03	-0.58	0.0	34.29	-3552.33	307.43	632.97	-3.143e+04	3.274e+04
		-1.722e+05	-3.143e+04	-9.48e-04		68.9	34.29	-2397.04	307.43	752.93	-1.023e+04	-1.722e+05
115	8	-5.148e+04	-5378.17	-2.27e-03	-0.53	0.0	-245.36	-2966.79	401.80	-3149.85	-3.673e+04	-5.148e+04
		-2.148e+05	-3.308e+04	-1.38e-03		68.9	-245.36	-1773.27	401.80	-3054.42	-5378.17	-2.148e+05
115	9	-6271.88	-3884.50	-2.16e-03	-0.53	0.0	-389.71	-2826.82	335.36	1010.09	-2.701e+04	-6271.88
		-1.614e+05	-2.701e+04	-1.13e-03		68.9	-389.71	-1674.65	335.36	1062.61	-3884.50	-1.614e+05
115	18	6.985e+04	3.673e+04	-0.02	-0.54	0.0	1973.17	-2661.88	499.48	-1.994e+04	3.673e+04	6.985e+04
		-7.256e+04	2.992e+04	-1.57e-03		68.9	1973.17	-1461.24	499.48	-1.979e+04	2.992e+04	-7.256e+04
115	21	-8.239e+04	-3.768e+04	0.02	-0.52	0.0	-2752.59	-2991.76	171.24	2.196e+04	-9.075e+04	-8.239e+04
		-2.502e+05	-9.075e+04	-7.03e-04		68.9	-2752.59	-1888.07	171.24	2.192e+04	-3.768e+04	-2.502e+05
115	30	7.773e+04	4.298e+04	-9.49e-03	-0.54	0.0	1332.85	-2689.45	-42.60	-2.485e+04	4.298e+04	7.773e+04
		-6.789e+04	2.882e+04	-1.06e-03		68.9	1332.85	-1516.69	-42.60	-2.467e+04	2.882e+04	-6.789e+04
115	33	-9.027e+04	-3.659e+04	7.93e-03	-0.52	0.0	-2112.27	-2964.18	713.33	2.687e+04	-9.699e+04	-9.027e+04
		-2.549e+05	-9.699e+04	-1.21e-03		68.9	-2112.27	-1832.62	713.33	2.680e+04	-3.659e+04	-2.549e+05
115	38	7.427e+04	4.861e+04	-8.05e-03	-0.54	0.0	1024.16	-2705.14	-117.77	-3.259e+04	4.861e+04	7.427e+04
		-7.264e+04	2.864e+04	-8.74e-04		68.9	1024.16	-1540.26	-117.77	-3.234e+04	2.864e+04	-7.264e+04
115	41	-8.681e+04	-3.641e+04	6.96e-03	-0.52	0.0	-1803.58	-2948.50	788.50	3.461e+04	-1.026e+05	-8.681e+04
		-2.501e+05	-1.026e+05	-1.40e-03		68.9	-1803.58	-1809.05	788.50	3.446e+04	-3.641e+04	-2.501e+05
115	50	6.985e+04	3.673e+04	-0.02	-0.54	0.0	1973.17	-2661.88	499.48	-1.994e+04	3.673e+04	6.985e+04
		-7.256e+04	2.992e+04	-1.57e-03		68.9	1973.17	-1461.24	499.48	-1.979e+04	2.992e+04	-7.256e+04
115	53	-8.239e+04	-3.768e+04	0.02	-0.52	0.0	-2752.59	-2991.76	171.24	2.196e+04	-9.075e+04	-8.239e+04
		-2.502e+05	-9.075e+04	-7.03e-04		68.9	-2752.59	-1888.07	171.24	2.192e+04	-3.768e+04	-2.502e+05
115	62	7.773e+04	4.298e+04	-9.49e-03	-0.54	0.0	1332.85	-2689.45	-42.60	-2.485e+04	4.298e+04	7.773e+04
		-6.789e+04	2.882e+04	-1.06e-03		68.9	1332.85	-1516.69	-42.60	-2.467e+04	2.882e+04	-6.789e+04
115	65	-9.027e+04	-3.659e+04	7.93e-03	-0.52	0.0	-2112.27	-2964.18	713.33	2.687e+04	-9.699e+04	-9.027e+04
		-2.549e+05	-9.699e+04	-1.21e-03		68.9	-2112.27	-1832.62	713.33	2.680e+04	-3.659e+04	-2.549e+05
115	70	7.427e+04	4.861e+04	-8.05e-03	-0.54	0.0	1024.16	-2705.14	-117.77	-3.259e+04	4.861e+04	7.427e+04
		-7.264e+04	2.864e+04	-8.74e-04		68.9	1024.16	-1540.26	-117.77	-3.234e+04	2.864e+04	-7.264e+04
115	73	-8.681e+04	-3.641e+04	6.96e-03	-0.52	0.0	-1803.58	-2948.50	788.50	3.461e+04	-1.026e+05	-8.681e+04
		-2.501e+05	-1.026e+05	-1.40e-03		68.9	-1803.58	-1809.05	788.50	3.446e+04	-3.641e+04	-2.501e+05
115	74	-6271.88	-3884.50	-2.16e-03	-0.53	0.0	-389.71	-2826.82	335.36	1010.09	-2.701e+04	-6271.88
		-1.614e+05	-2.701e+04	-1.13e-03		68.9	-389.71	-1674.65	335.36	1062.61	-3884.50	-1.614e+05
115	75	-6271.88	-3884.50	-2.16e-03	-0.53	0.0	-389.71	-2826.82	335.36	1010.09	-2.701e+04	-6271.88
		-1.614e+05	-2.701e+04	-1.13e-03		68.9	-389.71	-1674.65	335.36	1062.61	-3884.50	-1.614e+05
115	76	-6271.88	-3884.50	-2.16e-03	-0.53	0.0	-389.71	-2826.82	335.36	1010.09	-2.701e+04	-6271.88
		-1.614e+05	-2.701e+04	-1.13e-03		68.9	-389.71	-1674.65	335.36	1062.61	-3884.50	-1.614e+05
116	2	3.769e+05	-4.635e+04	-0.04	-0.73	0.0	-1463.39	-2266.91	108.25	9.672e+04	-6.938e+04	3.769e+05
		1.673e+05	-6.938e+04	8.14e-03		212.8	-1463.39	3227.41	108.25	9.618e+04	-4.635e+04	3.769e+05
116	3	5.868e+05	-9.377e+04	-0.07	-0.90	0.0	-3806.23	-5281.94	228.05	1.200e+05	-1.423e+05	5.868e+05
		2.155e+05	-1.423e+05	0.01		212.8	-3806.23	2374.04	228.05	1.194e+05	-9.377e+04	2.988e+05
116	6	3.506e+05	-5.817e+04	-0.05	-0.65	0.0	-2147.23	-3399.34	124.34	9.095e+04	-8.463e+04	3.506e+05
		1.311e+05	-8.463e+04	8.18e-03		212.8	-2147.23	1970.37	124.34	9.022e+04	-5.817e+04	2.125e+05
116	7	3.334e+05	-4.976e+04	-0.04	-0.71	0.0	-1646.11	-2558.80	113.05	9.593e+04	-7.381e+04	3.334e+05
		1.626e+05	-7.381e+04	8.16e-03		212.8	-1646.11	2896.65	113.05	9.532e+04	-4.976e+04	3.334e+05
116	8	4.417e+05	-7.055e+04	-0.05	-0.69	0.0	-2847.91	-4020.19	168.91	9.153e+04	-1.065e+05	4.417e+05
		1.586e+05	-1.065e+05	0.01		212.8	-2847.91	1798.34	168.91	9.100e+04	-7.055e+04	2.215e+05
116	9	3.435e+05	-5.764e+04	-0.05	-0.66	0.0	-2102.00	-3313.75	123.78	9.208e+04	-8.398e+04	3.435e+05
		1.355e+05	-8.398e+04	8.19e-03		212.8	-2102.00	2058.62	123.78	9.135e+04	-5.764e+04	2.238e+05
116	18	5.979e+05	-9.428e+04	-0.12	-0.71	0.0	-2789.19	-2313.81	163.19	4.715e+04	-1.213e+05	5.979e+05
		4.422e+05	-1.213e+05	0.02		212.8	-2789.19	2388.44	163.19	4.660e+04	-9.428e+04	5.542e+05
116	19	4.964e+05	-6.964e+04	-0.11	-0.69	0.0	-2372.62	-2806.45	320.09	6.983e+04	-1.411e+05	4.964e+05
		3.566e+05	-1.411e+05	0.02		212.8	-2372.62	2229.95	320.09	6.903e+04	-6.964e+04	4.718e+05
116	21	8.912e+04	-2.101e+04	0.12	-0.60	0.0	-1414.82	-4313.69	84.36	1.370e+05	-4.666e+04	8.912e+04
		-1.753e+05	-4.666e+04	-2.78e-03		212.8	-1414.82	1728.80	84.36	1.361e+05	-2.101e+04	-1.066e+05
116	26	5.526e+05	-6.355e+04	-0.08	-0.71	0.0	-2987.13	-2269.66	-109.12	4.376e+04	-6.355e+04	5.526e+05
		3.187e+05	-1.060e+05	9.75e-03		212.8	-2987.13	2403.08	-109.12	4.346e+04	-1.060e+05	4.065e+05
116	29	1.344e+05	-9303.95	0.06	-0.60	0.0	-1216.88	-4357.84	356.67	1.404e+05	-1.044e+05	1.344e+05
		-4.787e+04	-1.044e+05	6.63e-03		212.8	-1216.88	1714.17	356.67	1.392e+05	-9303.95	4.101e+04
116	33	-1.133e+05	-9290.41	0.06	-0.60	0.0	-1264.06	-4360.91	349.90	1.400e+05	-1.028e+05	1.133e+05
		-8.577e+04	-1.028e+05	3.35e-03		212.8	-1264.06	1719.30	349.90	1.388e+05	-9290.41	-298.57

116	50	5.979e+05-9.428e+04	-0.12	-0.71	0.0	-2789.19	-2313.81	163.19	4.715e+04-1.213e+05	5.979e+05
		4.422e+05-1.213e+05	0.02		212.8	-2789.19	2388.44	163.19	4.660e+04-9.428e+04	5.542e+05
116	51	4.964e+05-6.964e+04	-0.11	-0.69	0.0	-2372.62	-2806.45	320.09	6.983e+04-1.411e+05	4.964e+05
		3.566e+05-1.411e+05	0.02		212.8	-2372.62	2229.95	320.09	6.903e+04-6.964e+04	4.718e+05
116	53	8.912e+04-2.101e+04	0.12	-0.60	0.0	-1414.82	-4313.69	84.36	1.370e+05-4.666e+04	8.912e+04
		-1.753e+05-4.666e+04	-2.78e-03		212.8	-1414.82	1728.80	84.36	1.361e+05-2.101e+04	-1.066e+05
116	58	5.526e+05-6.355e+04	-0.08	-0.71	0.0	-2987.13	-2269.66	-109.12	4.376e+04-6.355e+04	5.526e+05
		3.187e+05-1.060e+05	9.75e-03		212.8	-2987.13	2403.08	-109.12	4.346e+04-1.060e+05	4.065e+05
116	61	1.344e+05-9303.95	0.06	-0.60	0.0	-1216.88	-4357.84	356.67	1.404e+05-1.044e+05	1.344e+05
		-4.787e+04-1.044e+05	6.63e-03		212.8	-1216.88	1714.17	356.67	1.392e+05-9303.95	4.101e+04
116	65	1.133e+05-9290.41	0.06	-0.60	0.0	-1264.06	-4360.91	349.90	1.400e+05-1.028e+05	1.133e+05
		-8.577e+04-1.028e+05	3.35e-03		212.8	-1264.06	1719.30	349.90	1.388e+05-9290.41	-298.57
116	74	3.435e+05-5.764e+04	-0.05	-0.66	0.0	-2102.00	-3313.75	123.78	9.208e+04-8.398e+04	3.435e+05
		1.355e+05-8.398e+04	8.19e-03		212.8	-2102.00	2058.62	123.78	9.135e+04-5.764e+04	2.238e+05
116	75	3.435e+05-5.764e+04	-0.05	-0.66	0.0	-2102.00	-3313.75	123.78	9.208e+04-8.398e+04	3.435e+05
		1.355e+05-8.398e+04	8.19e-03		212.8	-2102.00	2058.62	123.78	9.135e+04-5.764e+04	2.238e+05
116	76	3.435e+05-5.764e+04	-0.05	-0.66	0.0	-2102.00	-3313.75	123.78	9.208e+04-8.398e+04	3.435e+05
		1.355e+05-8.398e+04	8.19e-03		212.8	-2102.00	2058.62	123.78	9.135e+04-5.764e+04	2.238e+05
117	1	4.837e+05-3.880e+04	-0.11	-0.88	0.0	-1730.64	-8741.81	50.14	6.918e+04-6.825e+04	4.837e+05
		-8.404e+05-6.825e+04	6.62e-03		587.5	-1730.64	6254.54	50.14	6.930e+04-1.412e+04	2.048e+04
117	2	3.882e+05-3.087e+04	-0.09	-0.69	0.0	-1250.60	-6767.23	33.85	5.303e+04-5.075e+04	3.882e+05
		-6.377e+05-5.075e+04	5.34e-03		587.5	-1250.60	4828.85	33.85	5.327e+04-3.087e+04	2.677e+04
117	3	3.495e+05-4.162e+04	-0.13	-0.83	0.0	-3561.94	-9310.11	99.40	5.446e+04-1.000e+05	3.495e+05
		-1.085e+06-1.000e+05	6.57e-03		587.5	-3561.94	6244.20	99.40	5.457e+04-4.162e+04	-2.484e+05
117	6	2.394e+05-2.448e+04	-0.08	-0.61	0.0	-1967.07	-6465.89	63.97	4.604e+04-6.207e+04	2.394e+05
		-7.287e+05-6.207e+04	3.83e-03		587.5	-1967.07	4769.73	63.97	4.555e+04-2.448e+04	-6.777e+04
117	7	3.489e+05-2.899e+04	-0.09	-0.67	0.0	-1441.56	-6681.92	42.63	5.172e+04-5.404e+04	3.489e+05
		-6.611e+05-5.404e+04	4.87e-03		587.5	-1441.56	4806.87	42.63	5.173e+04-2.899e+04	1354.23
117	8	2.595e+05-3.087e+04	-0.10	-0.63	0.0	-2662.43	-7060.79	75.47	4.190e+04-7.521e+04	2.595e+05
		-8.244e+05-7.521e+04	4.85e-03		587.5	-2662.43	4799.97	75.47	4.190e+04-3.087e+04	-1.779e+05
117	9	2.497e+05-2.474e+04	-0.08	-0.61	0.0	-1919.21	-6481.02	62.71	4.705e+04-6.158e+04	2.497e+05
		-7.218e+05-6.158e+04	3.89e-03		587.5	-1919.21	4767.46	62.71	4.658e+04-2.474e+04	-6.168e+04
117	18	6.144e+05-3.936e+04	-0.13	-0.65	0.0	-1572.58	-5744.81	220.56	2.083e+04-9.506e+04	6.144e+05
		-6.112e+05-9.506e+04	4.12e-03		587.5	-1572.58	6087.63	220.56	2.144e+04-3.936e+04	1.843e+05
117	26	4.545e+05-1.796e+04	-0.12	-0.65	0.0	-2441.14	-5579.25	246.47	6835.43-1.101e+05	4.545e+05
		-5.803e+05-1.101e+05	2.70e-03		587.5	-2441.14	5535.57	246.47	7776.39-1.796e+04	1.618e+05
117	31	1.903e+05-2.598e+04	-0.07	-0.59	0.0	-1098.56	-7076.51	-58.58	7.176e+04-2.598e+04	1.903e+05
		-8.101e+05-6.478e+04	8.10e-03		587.5	-1098.56	4529.04	-58.58	7.035e+04-6.478e+04	-1.869e+05
117	32	3.092e+05-1.530e+04	0.12	-0.63	0.0	-2739.85	-5885.54	184.01	2.234e+04-9.718e+04	3.092e+05
		-6.449e+05-9.718e+04	-4.14e-03		587.5	-2739.85	5005.88	184.01	2.281e+04-1.530e+04	6.359e+04
117	37	1.130e+05-1.692e+04	0.07	-0.57	0.0	-1497.74	-7361.40	-129.28	8.776e+04-1.692e+04	1.130e+05
		-8.723e+05-7.284e+04	7.33e-03		587.5	-1497.74	4258.02	-129.28	8.508e+04-7.284e+04	-2.611e+05
117	38	4.321e+05-4.937e+04	-0.12	-0.65	0.0	-2313.06	-5600.01	259.09	1.149e+04-1.059e+05	4.321e+05
		-5.754e+05-1.059e+05	-2.83e-03		587.5	-2313.06	5434.54	259.09	1.321e+04-4.937e+04	1.543e+05
117	50	6.144e+05-3.936e+04	-0.13	-0.65	0.0	-1572.58	-5744.81	220.56	2.083e+04-9.506e+04	6.144e+05
		-6.112e+05-9.506e+04	4.12e-03		587.5	-1572.58	6087.63	220.56	2.144e+04-3.936e+04	1.843e+05
117	58	4.545e+05-1.796e+04	-0.12	-0.65	0.0	-2441.14	-5579.25	246.47	6835.43-1.101e+05	4.545e+05
		-5.803e+05-1.101e+05	2.70e-03		587.5	-2441.14	5535.57	246.47	7776.39-1.796e+04	1.618e+05
117	63	1.903e+05-2.598e+04	-0.07	-0.59	0.0	-1098.56	-7076.51	-58.58	7.176e+04-2.598e+04	1.903e+05
		-8.101e+05-6.478e+04	8.10e-03		587.5	-1098.56	4529.04	-58.58	7.035e+04-6.478e+04	-1.869e+05
117	64	3.092e+05-1.530e+04	0.12	-0.63	0.0	-2739.85	-5885.54	184.01	2.234e+04-9.718e+04	3.092e+05
		-6.449e+05-9.718e+04	-4.14e-03		587.5	-2739.85	5005.88	184.01	2.281e+04-1.530e+04	6.359e+04
117	69	1.130e+05-1.692e+04	0.07	-0.57	0.0	-1497.74	-7361.40	-129.28	8.776e+04-1.692e+04	1.130e+05
		-8.723e+05-7.284e+04	7.33e-03		587.5	-1497.74	4258.02	-129.28	8.508e+04-7.284e+04	-2.611e+05
117	70	4.321e+05-4.937e+04	-0.12	-0.65	0.0	-2313.06	-5600.01	259.09	1.149e+04-1.059e+05	4.321e+05
		-5.754e+05-1.059e+05	-2.83e-03		587.5	-2313.06	5434.54	259.09	1.321e+04-4.937e+04	1.543e+05
117	74	2.497e+05-2.474e+04	-0.08	-0.61	0.0	-1919.21	-6481.02	62.71	4.705e+04-6.158e+04	2.497e+05
		-7.218e+05-6.158e+04	3.89e-03		587.5	-1919.21	4767.46	62.71	4.658e+04-2.474e+04	-6.168e+04
117	75	2.497e+05-2.474e+04	-0.08	-0.61	0.0	-1919.21	-6481.02	62.71	4.705e+04-6.158e+04	2.497e+05
		-7.218e+05-6.158e+04	3.89e-03		587.5	-1919.21	4767.46	62.71	4.658e+04-2.474e+04	-6.168e+04
117	76	2.497e+05-2.474e+04	-0.08	-0.61	0.0	-1919.21	-6481.02	62.71	4.705e+04-6.158e+04	2.497e+05
		-7.218e+05-6.158e+04	3.89e-03		587.5	-1919.21	4767.46	62.71	4.658e+04-2.474e+04	-6.168e+04
118	1	6.414e+05-1.071e+05	-0.02	-0.95	0.0	-139.20-1.229e+04		236.73	1.125e+05-1.004e+04	6.414e+05
		-7.323e+05-1.004e+04	0.02		410.0	-139.20	1.043e+04	236.73	1.072e+05-1.071e+05	2.342e+05
118	2	5.133e+05-8.377e+04	-0.02	-0.74	0.0	-94.30	-9709.18	189.06	7.390e+04-6252.89	5.133e+05
		-5.763e+05-6252.89	0.01		410.0	-94.30	8138.88	189.06	7.004e+04-8.377e+04	1.746e+05
118	3	7.093e+05-1.330e+05	-0.02	-0.91	0.0	44.61-1.199e+04		296.22	2.900e+05-1.152e+04	7.093e+05
		-6.665e+05-1.152e+04	0.02		410.0	44.61	9593.74	296.22	2.820e+05-1.330e+05	1.965e+05
118	4	5.812e+05-1.096e+05	-0.01	-0.70	0.0	89.51	-9409.13	248.55	2.514e+05-7739.35	5.812e+05
		-5.106e+05-7739.35	0.02		410.0	89.51	7302.02	248.55	2.447e+05-1.096e+05	1.369e+05
118	5	5.166e+05-9.740e+04	-0.04	-0.87	0.0	-170.19-1.049e+04		193.43	1.991e+05-1.809e+04	5.166e+05
		-6.376e+05-1.809e+04	0.02		410.0	-170.19	9355.38	193.43	1.928e+05-9.740e+04	2.433e+05
118	7	4.767e+05-8.102e+04	-0.02	-0.72	0.0	-107.81	-9200.22	176.34	9.862e+04-8717.39	4.767e+05
		-5.497e+05-8717.39	0.01		410.0	-107.81	7855.53	176.34	9.444e+04-8.102e+04	1.796e+05
118	8	5.220e+05-9.827e+04	-0.02	-0.69	0.0	14.73	-9000.18	216.00	2.170e+05-9708.36	5.220e+05
		-5.059e+05-9708.36	0.02		410.0	14.73	7297.62	216.00	2.109e+05-9.827e+04	1.544e+05
118	9	3.935e+05-7.455e+04	-0.03	-0.66	0.0	-128.47	-8003.55	147.47	1.564e+05-1.409e+04	3.935e+05

		-4.866e+05	1.409e+04	0.01		410.0	-128.47	7138.71	147.47	1.515e+05	7.455e+04	1.857e+05
118	21	3.254e+05	1.678e+05	0.10	-0.60	0.0	-816.13	-8882.54	541.21	2.278e+05	-6.835e+04	3.254e+05
		-6.199e+05	-6.835e+04	9.54e-03		410.0	-816.13	6298.08	541.21	2.220e+05	1.678e+05	2.588e+04
118	22	4.555e+05	9.493e+04	-0.12	-0.72	0.0	588.78	-7063.07	-239.79	8.427e+04	9.493e+04	4.555e+05
		-3.454e+05	-1.619e+04	0.02		410.0	588.78	7914.70	-239.79	8.018e+04	-1.619e+04	3.663e+05
118	25	3.316e+05	1.653e+05	0.10	-0.60	0.0	-845.71	-8944.03	534.73	2.285e+05	-6.675e+04	3.316e+05
		-6.334e+05	-6.675e+04	8.46e-03		410.0	-845.71	6362.72	534.73	2.228e+05	1.653e+05	5067.73
118	34	4.982e+05	5.750e+04	-0.08	-0.72	0.0	529.02	-6875.34	-109.47	9.995e+04	5.750e+04	4.367e+05
		-2.684e+05	4615.20	0.01		410.0	529.02	7530.55	-109.47	9.475e+04	4615.20	4.982e+05
118	37	3.504e+05	1.445e+05	0.02	-0.62	0.0	-785.95	-9131.75	404.40	2.129e+05	-2.933e+04	3.504e+05
		-7.213e+05	-2.933e+04	0.01		410.0	-785.95	6746.87	404.40	2.082e+05	1.445e+05	-1.268e+05
118	53	3.254e+05	1.678e+05	0.10	-0.60	0.0	-816.13	-8882.54	541.21	2.278e+05	-6.835e+04	3.254e+05
		-6.199e+05	-6.835e+04	9.54e-03		410.0	-816.13	6298.08	541.21	2.220e+05	1.678e+05	2.588e+04
118	54	4.555e+05	9.493e+04	-0.12	-0.72	0.0	588.78	-7063.07	-239.79	8.427e+04	9.493e+04	4.555e+05
		-3.454e+05	-1.619e+04	0.02		410.0	588.78	7914.70	-239.79	8.018e+04	-1.619e+04	3.663e+05
118	57	3.316e+05	1.653e+05	0.10	-0.60	0.0	-845.71	-8944.03	534.73	2.285e+05	-6.675e+04	3.316e+05
		-6.334e+05	-6.675e+04	8.46e-03		410.0	-845.71	6362.72	534.73	2.228e+05	1.653e+05	5067.73
118	66	4.982e+05	5.750e+04	-0.08	-0.72	0.0	529.02	-6875.34	-109.47	9.995e+04	5.750e+04	4.367e+05
		-2.684e+05	4615.20	0.01		410.0	529.02	7530.55	-109.47	9.475e+04	4615.20	4.982e+05
118	69	3.504e+05	1.445e+05	0.02	-0.62	0.0	-785.95	-9131.75	404.40	2.129e+05	-2.933e+04	3.504e+05
		-7.213e+05	-2.933e+04	0.01		410.0	-785.95	6746.87	404.40	2.082e+05	1.445e+05	-1.268e+05
118	74	3.935e+05	7.455e+04	-0.03	-0.66	0.0	-128.47	-8003.55	147.47	1.564e+05	1.409e+04	3.935e+05
		-4.866e+05	1.409e+04	0.01		410.0	-128.47	7138.71	147.47	1.515e+05	7.455e+04	1.857e+05
118	75	3.935e+05	7.455e+04	-0.03	-0.66	0.0	-128.47	-8003.55	147.47	1.564e+05	1.409e+04	3.935e+05
		-4.866e+05	1.409e+04	0.01		410.0	-128.47	7138.71	147.47	1.515e+05	7.455e+04	1.857e+05
118	76	3.935e+05	7.455e+04	-0.03	-0.66	0.0	-128.47	-8003.55	147.47	1.564e+05	1.409e+04	3.935e+05
		-4.866e+05	1.409e+04	0.01		410.0	-128.47	7138.71	147.47	1.515e+05	7.455e+04	1.857e+05
119	1	7.701e+05	1.051e+05	-5.33e-03	-0.93	0.0	45.02	-1.126e+04	291.84	5.863e+04	-1.310e+04	7.701e+05
		-3.935e+05	-1.310e+04	-1.05e-03		405.0	45.02	1.082e+04	291.84	5.193e+04	1.051e+05	6.757e+05
119	3	7.408e+05	1.358e+05	-9.44e-03	-0.90	0.0	248.29	-1.034e+04	350.95	1.380e+05	-6334.82	6.994e+05
		-3.390e+05	-6334.82	2.88e-03		405.0	248.29	1.060e+04	350.95	1.262e+05	1.358e+05	7.408e+05
119	4	5.972e+05	1.108e+05	-5.50e-03	-0.70	0.0	276.26	-8046.00	282.92	1.169e+05	-3824.12	5.598e+05
		-2.465e+05	-3824.12	2.56e-03		405.0	276.26	8261.11	282.92	1.069e+05	1.108e+05	5.972e+05
119	5	5.838e+05	1.068e+05	-0.02	-0.84	0.0	-115.32	-9309.03	280.00	9.721e+04	-6571.60	5.591e+05
		-3.808e+05	-6571.60	1.90e-03		405.0	-115.32	9522.27	280.00	8.824e+04	1.068e+05	5.838e+05
119	7	5.661e+05	8.085e+04	-5.25e-03	-0.70	0.0	18.78	-8394.65	221.80	4.963e+04	-8977.27	5.661e+05
		-2.993e+05	-8977.27	9.33e-04		405.0	18.78	8127.83	221.80	4.416e+04	8.085e+04	5.661e+05
119	8	5.499e+05	1.013e+05	-8.00e-03	-0.69	0.0	154.29	-7784.82	261.20	1.026e+05	-4464.97	5.190e+05
		-2.630e+05	-4464.97	2.17e-03		405.0	154.29	7980.93	261.20	9.365e+04	1.013e+05	5.499e+05
119	9	4.453e+05	8.201e+04	-0.01	-0.64	0.0	-88.12	-7097.25	213.90	7.536e+04	-4622.83	4.255e+05
		-2.909e+05	-4622.83	1.51e-03		405.0	-88.12	7264.98	213.90	6.837e+04	8.201e+04	4.453e+05
119	14	7.338e+05	1.164e+05	-0.07	-0.67	0.0	702.14	-5769.33	100.05	1.994e+04	2.481e+04	5.751e+05
		-1.957e+05	2.481e+04	2.66e-03		405.0	702.14	8175.77	100.05	1.429e+04	1.164e+05	7.338e+05
119	17	2.759e+05	4.763e+04	0.07	-0.61	0.0	-878.37	-8425.17	327.76	1.308e+05	-3.405e+04	2.759e+05
		-4.095e+05	-3.405e+04	3.58e-04		405.0	-878.37	6354.20	327.76	1.225e+05	4.763e+04	1.568e+05
119	21	3.051e+05	6.176e+04	0.09	-0.60	0.0	-835.55	-8191.62	388.22	1.390e+05	-4.577e+04	3.051e+05
		-3.862e+05	-4.577e+04	3.95e-03		405.0	-835.55	6558.67	388.22	1.304e+05	6.176e+04	2.830e+05
119	31	3.332e+05	1.243e+05	-0.03	-0.64	0.0	-254.58	-7977.42	292.33	8.689e+04	-1.393e+04	3.332e+05
		-4.059e+05	-1.393e+04	1.84e-03		405.0	-254.58	6404.07	292.33	8.043e+04	1.243e+05	1.402e+05
119	34	8.507e+05	1.081e+05	-0.04	-0.66	0.0	476.76	-5621.71	233.05	3.590e+04	-6523.73	5.805e+05
		-1.682e+05	-6523.73	1.50e-03		405.0	476.76	8511.84	233.05	2.940e+04	1.081e+05	8.507e+05
119	37	2.705e+05	5.588e+04	0.03	-0.62	0.0	-652.99	-8572.78	194.76	1.148e+05	-2721.92	2.705e+05
		-4.572e+05	-2721.92	1.52e-03		405.0	-652.99	6018.13	194.76	1.073e+05	5.588e+04	3.992e+04
119	46	7.338e+05	1.164e+05	-0.07	-0.67	0.0	702.14	-5769.33	100.05	1.994e+04	2.481e+04	5.751e+05
		-1.957e+05	2.481e+04	2.66e-03		405.0	702.14	8175.77	100.05	1.429e+04	1.164e+05	7.338e+05
119	49	2.759e+05	4.763e+04	0.07	-0.61	0.0	-878.37	-8425.17	327.76	1.308e+05	-3.405e+04	2.759e+05
		-4.095e+05	-3.405e+04	3.58e-04		405.0	-878.37	6354.20	327.76	1.225e+05	4.763e+04	1.568e+05
119	53	3.051e+05	6.176e+04	0.09	-0.60	0.0	-835.55	-8191.62	388.22	1.390e+05	-4.577e+04	3.051e+05
		-3.862e+05	-4.577e+04	3.95e-03		405.0	-835.55	6558.67	388.22	1.304e+05	6.176e+04	2.830e+05
119	63	3.332e+05	1.243e+05	-0.03	-0.64	0.0	-254.58	-7977.42	292.33	8.689e+04	-1.393e+04	3.332e+05
		-4.059e+05	-1.393e+04	1.84e-03		405.0	-254.58	6404.07	292.33	8.043e+04	1.243e+05	1.402e+05
119	66	8.507e+05	1.081e+05	-0.04	-0.66	0.0	476.76	-5621.71	233.05	3.590e+04	-6523.73	5.805e+05
		-1.682e+05	-6523.73	1.50e-03		405.0	476.76	8511.84	233.05	2.940e+04	1.081e+05	8.507e+05
119	69	2.705e+05	5.588e+04	0.03	-0.62	0.0	-652.99	-8572.78	194.76	1.148e+05	-2721.92	2.705e+05
		-4.572e+05	-2721.92	1.52e-03		405.0	-652.99	6018.13	194.76	1.073e+05	5.588e+04	3.992e+04
119	74	4.453e+05	8.201e+04	-0.01	-0.64	0.0	-88.12	-7097.25	213.90	7.536e+04	-4622.83	4.255e+05
		-2.909e+05	-4622.83	1.51e-03		405.0	-88.12	7264.98	213.90	6.837e+04	8.201e+04	4.453e+05
119	75	4.453e+05	8.201e+04	-0.01	-0.64	0.0	-88.12	-7097.25	213.90	7.536e+04	-4622.83	4.255e+05
		-2.909e+05	-4622.83	1.51e-03		405.0	-88.12	7264.98	213.90	6.837e+04	8.201e+04	4.453e+05
119	76	4.453e+05	8.201e+04	-0.01	-0.64	0.0	-88.12	-7097.25	213.90	7.536e+04	-4622.83	4.255e+05
		-2.909e+05	-4622.83	1.51e-03		405.0	-88.12	7264.98	213.90	6.837e+04	8.201e+04	4.453e+05
120	1	8.495e+05	1.906e+04	-9.01e-03	-0.92	0.0	222.06	-1.108e+04	99.15	-1.307e+04	-2.110e+04	8.495e+05
		-2.907e+05	-2.110e+04	-3.32e-03		405.0	222.06	1.079e+04	99.15	-2.013e+04	1.906e+04	7.825e+05
120	3	7.708e+05	2.607e+04	-0.01	-0.90	0.0	343.13	-1.035e+04	118.28	-1.042e+04	-2.184e+04	7.708e+05
		-2.885e+05	-2.184e+04	-4.09e-03		405.0	343.13	1.024e+04	118.28	-2.334e+04	2.607e+04	7.354e+05
120	4	6.059e+05	2.162e+04	-0.01	-0.70	0.0	344.78	-8045.63	96.08	-7727.59	-1.729e+04	6.059e+05
		-2.151e+05	-1.729e+04	-3.30e-03		405.0	344.78	8019.18	96.08	-1.863e+04	2.162e+04	5.896e+05

120	5	6.582e+05	1.929e+04	-0.01	-0.83	0.0	-24.90	-9328.58	91.07	-1.026e+04	-1.760e+04	6.582e+05
		-3.061e+05	-1.760e+04	-3.31e-03		405.0	-24.90	9054.20	91.07	-1.995e+04	1.929e+04	5.894e+05
120	7	6.281e+05	1.468e+04	-7.19e-03	-0.70	0.0	143.71	-8277.46	74.92	-9625.78	-1.566e+04	6.281e+05
		-2.240e+05	-1.566e+04	-2.54e-03		405.0	143.71	8067.37	74.92	-1.541e+04	1.468e+04	5.778e+05
120	8	5.757e+05	1.936e+04	-9.88e-03	-0.68	0.0	224.42	-7790.03	87.68	-7856.86	-1.615e+04	5.757e+05
		-2.225e+05	-1.615e+04	-3.05e-03		405.0	224.42	7698.48	87.68	-1.756e+04	1.936e+04	5.464e+05
120	9	5.006e+05	1.483e+04	-9.37e-03	-0.63	0.0	-20.93	-7111.46	69.54	-7753.67	-1.333e+04	5.006e+05
		-2.343e+05	-1.333e+04	-2.53e-03		405.0	-20.93	6907.09	69.54	-1.530e+04	1.483e+04	4.491e+05
120	10	7.170e+05	4.224e+04	-0.08	-0.67	0.0	879.31	-5816.50	-45.52	-6.467e+04	4.224e+04	7.170e+05
		-1.701e+05	2.736e+04	-7.44e-03		405.0	879.31	7940.17	-45.52	-7.019e+04	2.736e+04	6.544e+05
120	13	2.843e+05	2304.80	0.08	-0.60	0.0	-921.18	-8406.41	184.60	4.916e+04	-6.890e+04	2.843e+05
		-2.993e+05	-6.890e+04	2.48e-03		405.0	-921.18	5874.00	184.60	3.960e+04	2304.80	2.438e+05
120	34	7.757e+05	5391.80	-0.04	-0.65	0.0	561.91	-5628.47	90.14	-3.908e+04	-1.184e+04	7.757e+05
		-1.869e+05	-1.184e+04	-5.29e-03		405.0	561.91	8401.78	90.14	-4.625e+04	5391.80	7.660e+05
120	37	2.256e+05	2.428e+04	0.03	-0.61	0.0	-603.78	-8594.44	48.94	2.357e+04	-1.482e+04	2.256e+05
		-3.021e+05	-1.482e+04	2.22e-04		405.0	-603.78	5412.39	48.94	1.565e+04	2.438e+04	1.322e+05
120	42	7.170e+05	4.224e+04	-0.08	-0.67	0.0	879.31	-5816.50	-45.52	-6.467e+04	4.224e+04	7.170e+05
		-1.701e+05	2.736e+04	-7.44e-03		405.0	879.31	7940.17	-45.52	-7.019e+04	2.736e+04	6.544e+05
120	45	2.843e+05	2304.80	0.08	-0.60	0.0	-921.18	-8406.41	184.60	4.916e+04	-6.890e+04	2.843e+05
		-2.993e+05	-6.890e+04	2.48e-03		405.0	-921.18	5874.00	184.60	3.960e+04	2304.80	2.438e+05
120	66	7.757e+05	5391.80	-0.04	-0.65	0.0	561.91	-5628.47	90.14	-3.908e+04	-1.184e+04	7.757e+05
		-1.869e+05	-1.184e+04	-5.29e-03		405.0	561.91	8401.78	90.14	-4.625e+04	5391.80	7.660e+05
120	69	2.256e+05	2.428e+04	0.03	-0.61	0.0	-603.78	-8594.44	48.94	2.357e+04	-1.482e+04	2.256e+05
		-3.021e+05	-1.482e+04	2.22e-04		405.0	-603.78	5412.39	48.94	1.565e+04	2.438e+04	1.322e+05
120	74	5.006e+05	1.483e+04	-9.37e-03	-0.63	0.0	-20.93	-7111.46	69.54	-7753.67	-1.333e+04	5.006e+05
		-2.343e+05	-1.333e+04	-2.53e-03		405.0	-20.93	6907.09	69.54	-1.530e+04	1.483e+04	4.491e+05
120	75	5.006e+05	1.483e+04	-9.37e-03	-0.63	0.0	-20.93	-7111.46	69.54	-7753.67	-1.333e+04	5.006e+05
		-2.343e+05	-1.333e+04	-2.53e-03		405.0	-20.93	6907.09	69.54	-1.530e+04	1.483e+04	4.491e+05
120	76	5.006e+05	1.483e+04	-9.37e-03	-0.63	0.0	-20.93	-7111.46	69.54	-7753.67	-1.333e+04	5.006e+05
		-2.343e+05	-1.333e+04	-2.53e-03		405.0	-20.93	6907.09	69.54	-1.530e+04	1.483e+04	4.491e+05
121	1	9.159e+05	1.684e+04	-0.02	-0.91	0.0	258.60	-1.069e+04	-68.21	-6.458e+04	1.684e+04	9.159e+05
		-1.810e+05	-1.079e+04	-2.06e-03		405.0	258.60	1.067e+04	-68.21	-7.086e+04	-1.079e+04	8.843e+05
121	3	8.457e+05	2.870e+04	-0.03	-0.89	0.0	317.50	-9992.66	-115.46	-1.020e+05	2.870e+04	8.457e+05
		-1.800e+05	-1.806e+04	-2.95e-03		405.0	317.50	9994.52	-115.46	-1.137e+05	-1.806e+04	8.176e+05
121	5	7.384e+05	2.116e+04	-0.02	-0.81	0.0	27.80	-9057.85	-87.21	-7.104e+04	2.116e+04	7.384e+05
		-1.989e+05	-1.416e+04	-2.26e-03		405.0	27.80	8854.94	-87.21	-7.989e+04	-1.416e+04	6.769e+05
121	6	5.531e+05	1.671e+04	-0.01	-0.62	0.0	14.09	-6830.50	-68.84	-5.504e+04	1.671e+04	5.531e+05
		-1.534e+05	-1.117e+04	-1.75e-03		405.0	14.09	6679.35	-68.84	-6.205e+04	-1.117e+04	5.075e+05
121	7	6.799e+05	1.358e+04	-0.02	-0.69	0.0	172.08	-7995.98	-55.18	-5.051e+04	1.358e+04	6.799e+05
		-1.412e+05	-8764.08	-1.61e-03		405.0	172.08	7962.53	-55.18	-5.569e+04	-8764.08	6.532e+05
121	8	6.331e+05	2.150e+04	-0.02	-0.67	0.0	211.35	-7531.19	-86.68	-7.544e+04	2.150e+04	6.331e+05
		-1.406e+05	-1.361e+04	-2.20e-03		405.0	211.35	7513.76	-86.68	-8.428e+04	-1.361e+04	6.087e+05
121	9	5.615e+05	1.646e+04	-0.01	-0.62	0.0	18.21	-6907.97	-67.85	-5.482e+04	1.646e+04	5.615e+05
		-1.531e+05	-1.101e+04	-1.74e-03		405.0	18.21	6754.04	-67.85	-6.171e+04	-1.101e+04	5.150e+05
121	10	8.422e+05	5.183e+04	-0.11	-0.67	0.0	804.27	-5534.49	-142.02	-1.147e+05	5.183e+04	8.422e+05
		-4.746e+04	2.523e+04	-5.35e-03		405.0	804.27	8016.70	-142.02	-1.193e+05	2.523e+04	6.623e+05
121	12	4.743e+05	-6858.68	0.10	-0.58	0.0	-569.46	-7615.68	-40.89	-9119.37	-6858.68	4.743e+05
		-2.117e+05	-5.551e+04	2.92e-03		405.0	-569.46	6241.74	-40.89	-1.836e+04	-5.551e+04	4.667e+05
121	13	3.676e+05	-1.890e+04	0.11	-0.57	0.0	-767.85	-8281.46	6.32	5073.53	-1.890e+04	2.808e+05
		-2.700e+05	-4.725e+04	2.30e-03		405.0	-767.85	5491.38	6.32	-4147.40	-4.725e+04	3.676e+05
121	34	9.754e+05	1.461e+04	-0.06	-0.64	0.0	549.81	-5377.80	-128.71	-9.592e+04	1.461e+04	9.754e+05
		-5.278e+04	-1.186e+04	-3.46e-03		405.0	549.81	8439.74	-128.71	-1.022e+05	-1.186e+04	7.290e+05
121	37	3.009e+05	1.832e+04	0.06	-0.60	0.0	-513.38	-8438.15	-6.98	-1.371e+04	1.832e+04	1.477e+05
		-3.021e+05	-1.017e+04	-1.81e-04		405.0	-513.38	5068.34	-6.98	-2.123e+04	-1.017e+04	3.009e+05
121	42	8.422e+05	5.183e+04	-0.11	-0.67	0.0	804.27	-5534.49	-142.02	-1.147e+05	5.183e+04	8.422e+05
		-4.746e+04	2.523e+04	-5.35e-03		405.0	804.27	8016.70	-142.02	-1.193e+05	2.523e+04	6.623e+05
121	44	4.743e+05	-6858.68	0.10	-0.58	0.0	-569.46	-7615.68	-40.89	-9119.37	-6858.68	4.743e+05
		-2.117e+05	-5.551e+04	2.92e-03		405.0	-569.46	6241.74	-40.89	-1.836e+04	-5.551e+04	4.667e+05
121	45	3.676e+05	-1.890e+04	0.11	-0.57	0.0	-767.85	-8281.46	6.32	5073.53	-1.890e+04	2.808e+05
		-2.700e+05	-4.725e+04	2.30e-03		405.0	-767.85	5491.38	6.32	-4147.40	-4.725e+04	3.676e+05
121	66	9.754e+05	1.461e+04	-0.06	-0.64	0.0	549.81	-5377.80	-128.71	-9.592e+04	1.461e+04	9.754e+05
		-5.278e+04	-1.186e+04	-3.46e-03		405.0	549.81	8439.74	-128.71	-1.022e+05	-1.186e+04	7.290e+05
121	69	3.009e+05	1.832e+04	0.06	-0.60	0.0	-513.38	-8438.15	-6.98	-1.371e+04	1.832e+04	1.477e+05
		-3.021e+05	-1.017e+04	-1.81e-04		405.0	-513.38	5068.34	-6.98	-2.123e+04	-1.017e+04	3.009e+05
121	74	5.615e+05	1.646e+04	-0.01	-0.62	0.0	18.21	-6907.97	-67.85	-5.482e+04	1.646e+04	5.615e+05
		-1.531e+05	-1.101e+04	-1.74e-03		405.0	18.21	6754.04	-67.85	-6.171e+04	-1.101e+04	5.150e+05
121	75	5.615e+05	1.646e+04	-0.01	-0.62	0.0	18.21	-6907.97	-67.85	-5.482e+04	1.646e+04	5.615e+05
		-1.531e+05	-1.101e+04	-1.74e-03		405.0	18.21	6754.04	-67.85	-6.171e+04	-1.101e+04	5.150e+05
121	76	5.615e+05	1.646e+04	-0.01	-0.62	0.0	18.21	-6907.97	-67.85	-5.482e+04	1.646e+04	5.615e+05
		-1.531e+05	-1.101e+04	-1.74e-03		405.0	18.21	6754.04	-67.85	-6.171e+04	-1.101e+04	5.150e+05
122	1	1.010e+06	1.418e+05	-0.03	-0.89	0.0	142.75	-7560.59	-556.50	4.900e+04	1.418e+05	5.884e+04
		-6.404e+05	-8.639e+04	-1.85e-03		410.0	142.75	1.297e+04	-556.50	4.285e+04	-8.639e+04	1.010e+06
122	3	9.389e+05	2.069e+05	-0.03	-0.86	0.0	176.27	-7028.67	-812.25	-1.190e+05	2.069e+05	6.250e+04
		-6.024e+05	-1.261e+05	-2.80e-03		410.0	176.27	1.211e+04	-812.25	-1.287e+05	-1.261e+05	9.389e+05
122	6	5.833e+05	1.200e+05	-0.02	-0.60	0.0	21.37	-5074.18	-471.83	-4.016e+04	1.200e+05	-7556.57
		-4.141e+05	-7.343e+04	-1.62e-03		410.0	21.37	8046.55	-471.83	-4.629e+04	-7.343e+04	5.833e+05
122	7	7.457e+05	1.108e+05	-0.02	-0.67	0.0	96.85	-5695.78	-435.19	2.516e+04	1.108e+05	-3.950e+04

		-4.802e+05	-6.759e+04	-1.46e-03		410.0	96.85	9666.28	-435.19	2.020e+04	-6.759e+04	7.457e+05
122	8	6.985e+05	1.543e+05	-0.02	-0.65	0.0	119.19	-5341.17	-605.69	-8.685e+04	1.543e+05	-4.195e+04
		-4.548e+05	-9.405e+04	-2.09e-03		410.0	119.19	9091.99	-605.69	-9.419e+04	-9.405e+04	6.985e+05
122	9	5.932e+05	1.194e+05	-0.02	-0.60	0.0	23.56	-5113.87	-469.43	-3.613e+04	1.194e+05	-8923.05
		-4.179e+05	-7.306e+04	-1.60e-03		410.0	23.56	8144.23	-469.43	-4.219e+04	-7.306e+04	5.932e+05
122	10	6.601e+05	8.594e+04	-0.16	-0.68	0.0	433.01	-3628.37	-308.34	-1.025e+05	8.594e+04	2.174e+05
		-2.503e+05	-3.864e+04	-0.01		410.0	433.01	9251.72	-308.34	-1.057e+05	-3.864e+04	6.601e+05
122	12	5.455e+05	1.603e+05	0.13	-0.55	0.0	-271.58	-6398.73	-656.17	1.478e+04	1.603e+05	-9.528e+04
		-4.809e+05	-1.112e+05	4.30e-03		410.0	-271.58	7523.21	-656.17	6140.10	-1.112e+05	5.455e+05
122	13	5.262e+05	1.529e+05	0.16	-0.54	0.0	-385.89	-6599.37	-630.51	3.024e+04	1.529e+05	-2.353e+05
		-5.854e+05	-1.075e+05	0.01		410.0	-385.89	7036.74	-630.51	2.135e+04	-1.075e+05	5.262e+05
122	14	6.622e+05	8.539e+04	-0.16	-0.69	0.0	432.57	-3606.60	-308.49	-1.032e+05	8.539e+04	2.292e+05
		-2.425e+05	-3.907e+04	-9.38e-03		410.0	432.57	9299.87	-308.49	-1.064e+05	-3.907e+04	6.622e+05
122	16	5.477e+05	1.597e+05	0.13	-0.55	0.0	-272.02	-6376.96	-656.32	1.407e+04	1.597e+05	-8.351e+04
		-4.730e+05	-1.117e+05	8.88e-03		410.0	-272.02	7571.36	-656.32	5440.84	-1.117e+05	5.477e+05
122	37	5.367e+05	1.200e+05	0.10	-0.57	0.0	-271.19	-5936.39	-478.33	9609.98	1.200e+05	-3.284e+05
		-6.529e+05	-7.624e+04	-3.06e-03		410.0	-271.19	6913.67	-478.33	2273.47	-7.624e+04	5.367e+05
122	42	6.601e+05	8.594e+04	-0.16	-0.68	0.0	433.01	-3628.37	-308.34	-1.025e+05	8.594e+04	2.174e+05
		-2.503e+05	-3.864e+04	-0.01		410.0	433.01	9251.72	-308.34	-1.057e+05	-3.864e+04	6.601e+05
122	44	5.455e+05	1.603e+05	0.13	-0.55	0.0	-271.58	-6398.73	-656.17	1.478e+04	1.603e+05	-9.528e+04
		-4.809e+05	-1.112e+05	4.30e-03		410.0	-271.58	7523.21	-656.17	6140.10	-1.112e+05	5.455e+05
122	45	5.262e+05	1.529e+05	0.16	-0.54	0.0	-385.89	-6599.37	-630.51	3.024e+04	1.529e+05	-2.353e+05
		-5.854e+05	-1.075e+05	0.01		410.0	-385.89	7036.74	-630.51	2.135e+04	-1.075e+05	5.262e+05
122	46	6.622e+05	8.539e+04	-0.16	-0.69	0.0	432.57	-3606.60	-308.49	-1.032e+05	8.539e+04	2.292e+05
		-2.425e+05	-3.907e+04	-9.38e-03		410.0	432.57	9299.87	-308.49	-1.064e+05	-3.907e+04	6.622e+05
122	48	5.477e+05	1.597e+05	0.13	-0.55	0.0	-272.02	-6376.96	-656.32	1.407e+04	1.597e+05	-8.351e+04
		-4.730e+05	-1.117e+05	8.88e-03		410.0	-272.02	7571.36	-656.32	5440.84	-1.117e+05	5.477e+05
122	69	5.367e+05	1.200e+05	0.10	-0.57	0.0	-271.19	-5936.39	-478.33	9609.98	1.200e+05	-3.284e+05
		-6.529e+05	-7.624e+04	-3.06e-03		410.0	-271.19	6913.67	-478.33	2273.47	-7.624e+04	5.367e+05
122	74	5.932e+05	1.194e+05	-0.02	-0.60	0.0	23.56	-5113.87	-469.43	-3.613e+04	1.194e+05	-8923.05
		-4.179e+05	-7.306e+04	-1.60e-03		410.0	23.56	8144.23	-469.43	-4.219e+04	-7.306e+04	5.932e+05
122	75	5.932e+05	1.194e+05	-0.02	-0.60	0.0	23.56	-5113.87	-469.43	-3.613e+04	1.194e+05	-8923.05
		-4.179e+05	-7.306e+04	-1.60e-03		410.0	23.56	8144.23	-469.43	-4.219e+04	-7.306e+04	5.932e+05
122	76	5.932e+05	1.194e+05	-0.02	-0.60	0.0	23.56	-5113.87	-469.43	-3.613e+04	1.194e+05	-8923.05
		-4.179e+05	-7.306e+04	-1.60e-03		410.0	23.56	8144.23	-469.43	-4.219e+04	-7.306e+04	5.932e+05
123	1	1.078e+06	7.994e+04	0.01	-0.88	0.0	-128.27	-7390.40	584.98	-8.604e+04	-1.599e+05	-1.239e+05
		-6.664e+05	-1.599e+05	2.40e-03		410.0	-128.27	1.334e+04	584.98	-7.988e+04	7.994e+04	1.078e+06
123	3	1.023e+06	1.132e+05	0.01	-0.85	0.0	-36.18	-6812.44	816.64	7.362e+04	-2.216e+05	-1.219e+05
		-6.163e+05	-2.216e+05	2.98e-03		410.0	-36.18	1.247e+04	816.64	8.321e+04	1.132e+05	1.023e+06
123	4	8.104e+05	9.407e+04	8.69e-03	-0.66	0.0	-3.84	-5237.54	677.59	7.926e+04	-1.837e+05	-1.026e+05
		-4.783e+05	-1.837e+05	2.44e-03		410.0	-3.84	9748.55	677.59	8.720e+04	9.407e+04	8.104e+05
123	7	7.983e+05	6.207e+04	8.95e-03	-0.67	0.0	-93.82	-5564.67	453.30	-5.355e+04	-1.238e+05	-8.750e+04
		-4.984e+05	-1.238e+05	1.82e-03		410.0	-93.82	9944.12	453.30	-4.860e+04	6.207e+04	7.983e+05
123	8	7.618e+05	8.424e+04	7.13e-03	-0.64	0.0	-32.42	-5179.35	607.74	5.288e+04	-1.649e+05	-8.617e+04
		-4.650e+05	-1.649e+05	2.21e-03		410.0	-32.42	9361.07	607.74	6.013e+04	8.424e+04	7.618e+05
123	14	7.136e+05	9.945e+04	-0.04	-0.70	0.0	-149.65	-3552.63	672.25	-6.466e+04	-1.716e+05	1.173e+05
		-2.764e+05	-1.716e+05	-6.70e-03		410.0	-149.65	9389.99	672.25	-5.559e+04	9.945e+04	7.136e+05
123	15	6.917e+05	1.062e+05	0.04	-0.67	0.0	-460.42	-3689.12	625.61	-3.981e+04	-1.589e+05	2869.52
		-3.786e+05	-1.589e+05	-9.21e-03		410.0	-460.42	8959.15	625.61	-3.125e+04	1.062e+05	6.917e+05
123	35	6.258e+05	8.759e+04	0.06	-0.60	0.0	-666.71	-4801.84	445.93	3.152e+04	-1.178e+05	-2.067e+05
		-5.691e+05	-1.178e+05	-5.76e-03		410.0	-666.71	7902.16	445.93	3.752e+04	8.759e+04	6.258e+05
123	36	6.645e+05	4.229e+04	-0.06	-0.62	0.0	503.14	-5164.13	494.06	-1.502e+04	-1.377e+05	1.094e+05
		-2.895e+05	-1.377e+05	8.11e-03		410.0	503.14	8863.16	494.06	-9002.12	4.229e+04	6.645e+05
123	37	5.912e+05	6.486e+04	0.06	-0.57	0.0	-532.76	-5619.11	338.57	6.781e+04	-9.531e+04	-2.719e+05
		-6.302e+05	-9.531e+04	6.78e-04		410.0	-532.76	7427.01	338.57	7.212e+04	6.486e+04	5.912e+05
123	46	7.136e+05	9.945e+04	-0.04	-0.70	0.0	-149.65	-3552.63	672.25	-6.466e+04	-1.716e+05	1.173e+05
		-2.764e+05	-1.716e+05	-6.70e-03		410.0	-149.65	9389.99	672.25	-5.559e+04	9.945e+04	7.136e+05
123	47	6.917e+05	1.062e+05	0.04	-0.67	0.0	-460.42	-3689.12	625.61	-3.981e+04	-1.589e+05	2869.52
		-3.786e+05	-1.589e+05	-9.21e-03		410.0	-460.42	8959.15	625.61	-3.125e+04	1.062e+05	6.917e+05
123	67	6.258e+05	8.759e+04	0.06	-0.60	0.0	-666.71	-4801.84	445.93	3.152e+04	-1.178e+05	-2.067e+05
		-5.691e+05	-1.178e+05	-5.76e-03		410.0	-666.71	7902.16	445.93	3.752e+04	8.759e+04	6.258e+05
123	68	6.645e+05	4.229e+04	-0.06	-0.62	0.0	503.14	-5164.13	494.06	-1.502e+04	-1.377e+05	1.094e+05
		-2.895e+05	-1.377e+05	8.11e-03		410.0	503.14	8863.16	494.06	-9002.12	4.229e+04	6.645e+05
123	69	5.912e+05	6.486e+04	0.06	-0.57	0.0	-532.76	-5619.11	338.57	6.781e+04	-9.531e+04	-2.719e+05
		-6.302e+05	-9.531e+04	6.78e-04		410.0	-532.76	7427.01	338.57	7.212e+04	6.486e+04	5.912e+05
123	74	6.451e+05	6.494e+04	4.60e-03	-0.60	0.0	-81.79	-4982.99	470.00	8249.95	-1.278e+05	-4.865e+04
		-4.293e+05	-1.278e+05	1.73e-03		410.0	-81.79	8382.66	470.00	1.426e+04	6.494e+04	6.451e+05
123	75	6.451e+05	6.494e+04	4.60e-03	-0.60	0.0	-81.79	-4982.99	470.00	8249.95	-1.278e+05	-4.865e+04
		-4.293e+05	-1.278e+05	1.73e-03		410.0	-81.79	8382.66	470.00	1.426e+04	6.494e+04	6.451e+05
123	76	6.451e+05	6.494e+04	4.60e-03	-0.60	0.0	-81.79	-4982.99	470.00	8249.95	-1.278e+05	-4.865e+04
		-4.293e+05	-1.278e+05	1.73e-03		410.0	-81.79	8382.66	470.00	1.426e+04	6.494e+04	6.451e+05
124	1	1.062e+06	8277.88	-1.73e-03	-0.88	0.0	-436.90	-1.006e+04	133.25	1010.98	-4.569e+04	9.097e+05
		-7.079e+04	-4.569e+04	-1.85e-03		405.0	-436.90	1.081e+04	133.25	6342.70	8277.88	1.062e+06
124	3	1.013e+06	8978.99	-5.24e-03	-0.85	0.0	-268.75	-9304.39	164.70	2.116e+04	-5.772e+04	8.700e+05
		-3.530e+04	-5.772e+04	-2.64e-03		405.0	-268.75	9986.87	164.70	3.163e+04	8978.99	1.013e+06
124	4	8.054e+05	7356.21	-4.46e-03	-0.66	0.0	-165.01	-7216.06	135.14	1.974e+04	-4.737e+04	6.851e+05
		-1.468e+04	-4.737e+04	-2.19e-03		405.0	-165.01	7788.				

124	5	8.391e+05	6170.73	6.00e-03	-0.78	0.0	-376.67	-8486.26	123.07	7136.59	-4.367e+04	7.497e+05
		-8.569e+04	-4.367e+04	-2.03e-03		405.0	-376.67	8896.14	123.07	1.498e+04	6170.73	8.391e+05
124	7	7.877e+05	6065.06	-1.71e-03	-0.67	0.0	-322.59	-7518.20	100.95	1502.37	-3.482e+04	6.782e+05
		-5.562e+04	-3.482e+04	-1.45e-03		405.0	-322.59	8054.67	100.95	5946.03	6065.06	7.877e+05
124	8	7.554e+05	6532.47	-4.34e-03	-0.64	0.0	-210.49	-7016.81	121.92	1.494e+04	-4.284e+04	6.517e+05
		-3.195e+04	-4.284e+04	-1.98e-03		405.0	-210.49	7506.92	121.92	2.280e+04	6532.47	7.554e+05
124	9	6.392e+05	4660.29	4.90e-03	-0.60	0.0	-282.44	-6471.39	94.17	5586.11	-3.348e+04	5.716e+05
		-6.555e+04	-3.348e+04	-1.57e-03		405.0	-282.44	6779.76	94.17	1.171e+04	4660.29	6.392e+05
124	11	6.649e+05	4.954e+04	0.03	-0.66	0.0	-949.01	-5823.66	64.52	-4.012e+04	-1.143e+04	6.568e+05
		-1028.92	-1.143e+04	-5.98e-03		405.0	-949.01	7279.37	64.52	-3.143e+04	4.954e+04	6.649e+05
124	13	5.564e+05	-3.180e+04	0.02	-0.55	0.0	-116.47	-7608.33	172.33	6.754e+04	-6.762e+04	3.251e+05
		-1.990e+05	-6.762e+04	2.81e-03		405.0	-116.47	5727.89	172.33	7.105e+04	-3.180e+04	5.564e+05
124	34	9.204e+05	2955.23	-0.03	-0.63	0.0	664.31	-5414.10	129.34	-4.252e+04	-3.569e+04	9.204e+05
		8.096e+04	-3.569e+04	-3.24e-03		405.0	664.31	7987.89	129.34	-3.546e+04	2955.23	7.296e+05
124	35	5.814e+05	3.077e+04	0.03	-0.61	0.0	-1478.95	-6993.28	26.65	2.140e+04	-1.441e+04	3.222e+05
		-1.790e+05	-1.441e+04	-2.30e-03		405.0	-1478.95	6037.07	26.65	2.812e+04	3.077e+04	5.814e+05
124	36	8.209e+05	-2.145e+04	-0.02	-0.60	0.0	914.07	-5949.50	161.69	-1.022e+04	-5.254e+04	8.209e+05
		2.899e+04	-5.254e+04	9.09e-04		405.0	914.07	7522.45	161.69	-4712.25	-2.145e+04	6.971e+05
124	37	5.488e+05	6365.36	0.02	-0.58	0.0	-1229.18	-7528.68	58.99	5.369e+04	-3.127e+04	2.227e+05
		-2.407e+05	-3.127e+04	4.91e-04		405.0	-1229.18	5571.63	58.99	5.887e+04	6365.36	5.488e+05
124	43	6.649e+05	4.954e+04	0.03	-0.66	0.0	-949.01	-5823.66	64.52	-4.012e+04	-1.143e+04	6.568e+05
		-1028.92	-1.143e+04	-5.98e-03		405.0	-949.01	7279.37	64.52	-3.143e+04	4.954e+04	6.649e+05
124	45	5.564e+05	-3.180e+04	0.02	-0.55	0.0	-116.47	-7608.33	172.33	6.754e+04	-6.762e+04	3.251e+05
		-1.990e+05	-6.762e+04	2.81e-03		405.0	-116.47	5727.89	172.33	7.105e+04	-3.180e+04	5.564e+05
124	66	9.204e+05	2955.23	-0.03	-0.63	0.0	664.31	-5414.10	129.34	-4.252e+04	-3.569e+04	9.204e+05
		8.096e+04	-3.569e+04	-3.24e-03		405.0	664.31	7987.89	129.34	-3.546e+04	2955.23	7.296e+05
124	67	5.814e+05	3.077e+04	0.03	-0.61	0.0	-1478.95	-6993.28	26.65	2.140e+04	-1.441e+04	3.222e+05
		-1.790e+05	-1.441e+04	-2.30e-03		405.0	-1478.95	6037.07	26.65	2.812e+04	3.077e+04	5.814e+05
124	68	8.209e+05	-2.145e+04	-0.02	-0.60	0.0	914.07	-5949.50	161.69	-1.022e+04	-5.254e+04	8.209e+05
		2.899e+04	-5.254e+04	9.09e-04		405.0	914.07	7522.45	161.69	-4712.25	-2.145e+04	6.971e+05
124	69	5.488e+05	6365.36	0.02	-0.58	0.0	-1229.18	-7528.68	58.99	5.369e+04	-3.127e+04	2.227e+05
		-2.407e+05	-3.127e+04	4.91e-04		405.0	-1229.18	5571.63	58.99	5.887e+04	6365.36	5.488e+05
124	74	6.392e+05	4660.29	4.90e-03	-0.60	0.0	-282.44	-6471.39	94.17	5586.11	-3.348e+04	5.716e+05
		-6.555e+04	-3.348e+04	-1.57e-03		405.0	-282.44	6779.76	94.17	1.171e+04	4660.29	6.392e+05
124	75	6.392e+05	4660.29	4.90e-03	-0.60	0.0	-282.44	-6471.39	94.17	5586.11	-3.348e+04	5.716e+05
		-6.555e+04	-3.348e+04	-1.57e-03		405.0	-282.44	6779.76	94.17	1.171e+04	4660.29	6.392e+05
124	76	6.392e+05	4660.29	4.90e-03	-0.60	0.0	-282.44	-6471.39	94.17	5586.11	-3.348e+04	5.716e+05
		-6.555e+04	-3.348e+04	-1.57e-03		405.0	-282.44	6779.76	94.17	1.171e+04	4660.29	6.392e+05
135	1	2.433e+06	1.532e+05	0.20	-0.78	0.0	2211.96	-1.613e+04	448.53	-9.268e+04	-1.305e+05	2.433e+06
		-8.295e+05	-1.305e+05	-9.24e-03		632.4	2211.96	5960.34	448.53	-9.162e+04	1.532e+05	-2.090e+05
135	3	2.905e+06	1.994e+05	0.18	-0.72	0.0	2539.77	-1.585e+04	583.27	-8.452e+04	-1.695e+05	2.905e+06
		-6.056e+05	-1.695e+05	-0.01		632.4	2539.77	4230.82	583.27	-8.332e+04	1.994e+05	-2.559e+05
135	6	1.925e+06	1.167e+05	0.12	-0.52	0.0	1578.80	-1.093e+04	337.76	-5.132e+04	-9.688e+04	1.925e+06
		-4.385e+05	-9.688e+04	-5.48e-03		632.4	1578.80	3239.93	337.76	-5.114e+04	1.167e+05	-1.533e+05
135	7	1.881e+06	1.175e+05	0.15	-0.58	0.0	1679.53	-1.216e+04	343.38	-6.840e+04	-9.967e+04	1.881e+06
		-6.038e+05	-9.967e+04	-6.82e-03		632.4	1679.53	4355.17	343.38	-6.767e+04	1.175e+05	-1.598e+05
135	8	2.195e+06	1.483e+05	0.13	-0.54	0.0	1898.07	-1.197e+04	433.21	-6.295e+04	-1.257e+05	2.195e+06
		-4.560e+05	-1.257e+05	-7.77e-03		632.4	1898.07	3202.15	433.21	-6.214e+04	1.483e+05	-1.911e+05
135	9	1.921e+06	1.171e+05	0.12	-0.52	0.0	1589.34	-1.103e+04	339.02	-5.176e+04	-9.733e+04	1.921e+06
		-4.501e+05	-9.733e+04	-5.60e-03		632.4	1589.34	3334.40	339.02	-5.156e+04	1.171e+05	-1.532e+05
135	10	2.253e+06	1.978e+05	-0.11	-0.53	0.0	1707.41	-1.020e+04	593.97	-6.663e+04	-1.788e+05	2.253e+06
		-3.787e+05	-1.788e+05	-7.96e-03		632.4	1707.41	4211.79	593.97	-6.670e+04	1.978e+05	-6.699e+04
135	33	1.665e+06	7.213e+04	0.19	-0.51	0.0	1447.85	-1.162e+04	208.39	-3.569e+04	-5.849e+04	1.665e+06
		-5.821e+05	-5.849e+04	-1.26e-03		632.4	1447.85	2138.75	208.39	-3.487e+04	7.213e+04	-2.179e+05
135	38	2.131e+06	1.580e+05	-0.16	-0.54	0.0	1735.86	-1.042e+04	459.82	-6.998e+04	-1.338e+05	2.131e+06
		-3.519e+05	-1.338e+05	-8.62e-03		632.4	1735.86	4469.17	459.82	-7.047e+04	1.580e+05	-8.062e+04
135	41	1.711e+06	7.616e+04	0.19	-0.51	0.0	1442.82	-1.163e+04	218.23	-3.354e+04	-6.086e+04	1.711e+06
		-5.643e+05	-6.086e+04	-2.67e-03		632.4	1442.82	2199.63	218.23	-3.266e+04	7.616e+04	-2.258e+05
135	42	2.253e+06	1.978e+05	-0.11	-0.53	0.0	1707.41	-1.020e+04	593.97	-6.663e+04	-1.788e+05	2.253e+06
		-3.787e+05	-1.788e+05	-7.96e-03		632.4	1707.41	4211.79	593.97	-6.670e+04	1.978e+05	-6.699e+04
135	65	1.665e+06	7.213e+04	0.19	-0.51	0.0	1447.85	-1.162e+04	208.39	-3.569e+04	-5.849e+04	1.665e+06
		-5.821e+05	-5.849e+04	-1.26e-03		632.4	1447.85	2138.75	208.39	-3.487e+04	7.213e+04	-2.179e+05
135	70	2.131e+06	1.580e+05	-0.16	-0.54	0.0	1735.86	-1.042e+04	459.82	-6.998e+04	-1.338e+05	2.131e+06
		-3.519e+05	-1.338e+05	-8.62e-03		632.4	1735.86	4469.17	459.82	-7.047e+04	1.580e+05	-8.062e+04
135	73	1.711e+06	7.616e+04	0.19	-0.51	0.0	1442.82	-1.163e+04	218.23	-3.354e+04	-6.086e+04	1.711e+06
		-5.643e+05	-6.086e+04	-2.67e-03		632.4	1442.82	2199.63	218.23	-3.266e+04	7.616e+04	-2.258e+05
135	74	1.921e+06	1.171e+05	0.12	-0.52	0.0	1589.34	-1.103e+04	339.02	-5.176e+04	-9.733e+04	1.921e+06
		-4.501e+05	-9.733e+04	-5.60e-03		632.4	1589.34	3334.40	339.02	-5.156e+04	1.171e+05	-1.532e+05
135	75	1.921e+06	1.171e+05	0.12	-0.52	0.0	1589.34	-1.103e+04	339.02	-5.176e+04	-9.733e+04	1.921e+06
		-4.501e+05	-9.733e+04	-5.60e-03		632.4	1589.34	3334.40	339.02	-5.156e+04	1.171e+05	-1.532e+05
135	76	1.921e+06	1.171e+05	0.12	-0.52	0.0	1589.34	-1.103e+04	339.02	-5.176e+04	-9.733e+04	1.921e+06
		-4.501e+05	-9.733e+04	-5.60e-03		632.4	1589.34	3334.40	339.02	-5.156e+04	1.171e+05	-1.532e+05
136	1	5.770e+05	1.562e+05	0.03	-0.61	0.0	408.75	-4078.54	-856.17	3.972e+04	1.562e+05	-1.032e+05
		-4.050e+05	-1.949e+05	0.01		410.0	408.75	7580.42	-856.17	3.636e+04	-1.949e+05	5.770e+05
136	2	4.689e+05	1.196e+05	0.02	-0.47	0.0	310.18	-3153.95	-652.28	3.100e+04	1.196e+05	-8.535e+04
		-3.146e+05	-1.479e+05	9.42e-03		410.0	310.18	5996.60	-652.28	2.835e+04	-1.479e+05	4.689e+05
136	3	2.618e+05	2.043e+05	0.03	-0.57	0.0	572.34	-4316.02	-1159.42	7.123e+04	2.043e+05	-7.620e+04

		-4.528e+05	-2.711e+05	0.02		410.0	572.34	6133.41	-1159.42	6.798e+04	-2.711e+05	2.618e+05
136	7	4.129e+05	1.199e+05	0.03	-0.46	0.0	314.88	-3100.18	-661.68	3.173e+04	1.199e+05	-7.534e+04
		-3.089e+05	-1.514e+05	9.73e-03		410.0	314.88	5624.89	-661.68	2.920e+04	-1.514e+05	4.129e+05
136	8	2.027e+05	1.520e+05	0.02	-0.44	0.0	423.94	-3258.50	-863.84	5.274e+04	1.520e+05	-5.734e+04
		-3.410e+05	-2.022e+05	0.01		410.0	423.94	4660.22	-863.84	5.028e+04	-2.022e+05	2.027e+05
136	10	7.719e+05	1.999e+05	-0.02	-0.45	0.0	827.99	-1887.13	-1155.44	6081.32	1.999e+05	1797.43
		-2.001e+05	-2.741e+05	0.02		410.0	827.99	6369.62	-1155.44	3894.45	-2.741e+05	7.719e+05
136	26	9.347e+05	1.657e+05	-0.09	-0.46	0.0	1159.10	-1867.12	-963.57	8517.50	1.657e+05	7151.37
		-1.937e+05	-2.297e+05	7.50e-03		410.0	1159.10	7069.28	-963.57	7140.85	-2.297e+05	9.347e+05
136	29	-1.142e+05	7.413e+04	0.09	-0.40	0.0	-514.18	-4041.61	-398.10	6.143e+04	7.413e+04	-1.142e+05
		-5.460e+05	-8.875e+04	0.01		410.0	-514.18	2352.61	-398.10	5.824e+04	-8.875e+04	-3.843e+05
136	34	9.074e+05	1.622e+05	-0.08	-0.46	0.0	1202.39	-1902.31	-941.73	749.58	1.622e+05	2369.89
		-1.927e+05	-2.243e+05	0.01		410.0	1202.39	6934.88	-941.73	-747.06	-2.243e+05	9.074e+05
136	37	-1.094e+05	7.764e+04	0.08	-0.40	0.0	-557.47	-4006.43	-419.93	6.920e+04	7.764e+04	-1.094e+05
		-5.356e+05	-9.414e+04	0.01		410.0	-557.47	2487.01	-419.93	6.612e+04	-9.414e+04	-3.570e+05
136	42	7.719e+05	1.999e+05	-0.02	-0.45	0.0	827.99	-1887.13	-1155.44	6081.32	1.999e+05	1797.43
		-2.001e+05	-2.741e+05	0.02		410.0	827.99	6369.62	-1155.44	3894.45	-2.741e+05	7.719e+05
136	58	9.347e+05	1.657e+05	-0.09	-0.46	0.0	1159.10	-1867.12	-963.57	8517.50	1.657e+05	7151.37
		-1.937e+05	-2.297e+05	7.50e-03		410.0	1159.10	7069.28	-963.57	7140.85	-2.297e+05	9.347e+05
136	61	-1.142e+05	7.413e+04	0.09	-0.40	0.0	-514.18	-4041.61	-398.10	6.143e+04	7.413e+04	-1.142e+05
		-5.460e+05	-8.875e+04	0.01		410.0	-514.18	2352.61	-398.10	5.824e+04	-8.875e+04	-3.843e+05
136	66	9.074e+05	1.622e+05	-0.08	-0.46	0.0	1202.39	-1902.31	-941.73	749.58	1.622e+05	2369.89
		-1.927e+05	-2.243e+05	0.01		410.0	1202.39	6934.88	-941.73	-747.06	-2.243e+05	9.074e+05
136	69	-1.094e+05	7.764e+04	0.08	-0.40	0.0	-557.47	-4006.43	-419.93	6.920e+04	7.764e+04	-1.094e+05
		-5.356e+05	-9.414e+04	0.01		410.0	-557.47	2487.01	-419.93	6.612e+04	-9.414e+04	-3.570e+05
136	74	2.752e+05	1.199e+05	0.03	-0.43	0.0	322.46	-2954.37	-680.83	3.497e+04	1.199e+05	-5.353e+04
		-2.958e+05	-1.592e+05	0.01		410.0	322.46	4710.94	-680.83	3.269e+04	-1.592e+05	2.752e+05
136	75	2.752e+05	1.199e+05	0.03	-0.43	0.0	322.46	-2954.37	-680.83	3.497e+04	1.199e+05	-5.353e+04
		-2.958e+05	-1.592e+05	0.01		410.0	322.46	4710.94	-680.83	3.269e+04	-1.592e+05	2.752e+05
136	76	2.752e+05	1.199e+05	0.03	-0.43	0.0	322.46	-2954.37	-680.83	3.497e+04	1.199e+05	-5.353e+04
		-2.958e+05	-1.592e+05	0.01		410.0	322.46	4710.94	-680.83	3.269e+04	-1.592e+05	2.752e+05
137	1	2.126e+06	9.908e+04	0.14	-0.74	0.0	3407.45	-1.454e+04	297.14	-8.605e+04	-8.894e+04	2.126e+06
		-5.989e+05	-8.894e+04	-9.63e-03		632.8	3407.45	7715.29	297.14	-8.642e+04	9.908e+04	3.593e+05
137	3	2.073e+06	1.030e+05	0.12	-0.69	0.0	1756.74	-1.343e+04	318.66	-8.607e+04	-9.863e+04	2.073e+06
		-5.259e+05	-9.863e+04	-0.01		632.8	1756.74	6563.84	318.66	-8.694e+04	1.030e+05	2.460e+05
137	4	1.604e+06	8.177e+04	0.09	-0.52	0.0	1112.56	-1.027e+04	254.41	-6.846e+04	-7.921e+04	1.604e+06
		-3.977e+05	-7.921e+04	-8.63e-03		632.8	1112.56	4916.92	254.41	-6.913e+04	8.177e+04	1.722e+05
137	7	1.611e+06	7.320e+04	0.10	-0.56	0.0	2435.70	-1.094e+04	220.10	-6.442e+04	-6.608e+04	1.611e+06
		-4.461e+05	-6.608e+04	-7.04e-03		632.8	2435.70	5752.70	220.10	-6.482e+04	7.320e+04	2.645e+05
137	8	1.576e+06	7.582e+04	0.09	-0.52	0.0	1335.23	-1.020e+04	234.45	-6.443e+04	-7.254e+04	1.576e+06
		-3.974e+05	-7.254e+04	-7.66e-03		632.8	1335.23	4985.07	234.45	-6.516e+04	7.582e+04	1.890e+05
137	10	1.675e+06	8.828e+04	-0.07	-0.52	0.0	1888.27	-9120.04	289.37	-8.023e+04	-9.527e+04	1.675e+06
		-2.611e+05	-9.527e+04	-0.02		632.8	1888.27	5590.16	289.37	-8.251e+04	8.828e+04	4.598e+05
137	14	1.680e+06	8.797e+04	-0.07	-0.52	0.0	1892.77	-9156.53	290.23	-7.961e+04	-9.599e+04	1.680e+06
		-2.709e+05	-9.599e+04	-0.02		632.8	1892.77	5631.54	290.23	-8.193e+04	8.797e+04	4.476e+05
137	19	1.688e+06	8.165e+04	0.07	-0.52	0.0	2286.33	-8953.38	258.98	-6.109e+04	-8.228e+04	1.688e+06
		-2.476e+05	-8.228e+04	-4.20e-03		632.8	2286.33	5420.52	258.98	-6.226e+04	8.165e+04	5.196e+05
137	20	1.313e+06	4.029e+04	-0.13	-0.51	0.0	960.51	-1.074e+04	113.27	-4.966e+04	-3.133e+04	1.313e+06
		-5.454e+05	-3.133e+04	-6.88e-03		632.8	960.51	4506.45	113.27	-5.035e+04	4.029e+04	-9.488e+04
137	21	1.291e+06	3.376e+04	0.13	-0.51	0.0	1165.91	-1.099e+04	83.35	-3.102e+04	-1.838e+04	1.291e+06
		-6.186e+05	-1.838e+04	-4.16e-03		632.8	1165.91	4354.63	83.35	-3.063e+04	3.376e+04	-1.715e+05
137	22	1.716e+06	8.787e+04	-0.06	-0.52	0.0	2085.44	-8737.36	289.76	-7.912e+04	-9.595e+04	1.716e+06
		-1.933e+05	-9.595e+04	-6.24e-03		632.8	2085.44	5613.71	289.76	-8.141e+04	8.787e+04	5.840e+05
137	42	1.675e+06	8.828e+04	-0.07	-0.52	0.0	1888.27	-9120.04	289.37	-8.023e+04	-9.527e+04	1.675e+06
		-2.611e+05	-9.527e+04	-0.02		632.8	1888.27	5590.16	289.37	-8.251e+04	8.828e+04	4.598e+05
137	46	1.680e+06	8.797e+04	-0.07	-0.52	0.0	1892.77	-9156.53	290.23	-7.961e+04	-9.599e+04	1.680e+06
		-2.709e+05	-9.599e+04	-0.02		632.8	1892.77	5631.54	290.23	-8.193e+04	8.797e+04	4.476e+05
137	51	1.688e+06	8.165e+04	0.07	-0.52	0.0	2286.33	-8953.38	258.98	-6.109e+04	-8.228e+04	1.688e+06
		-2.476e+05	-8.228e+04	-4.20e-03		632.8	2286.33	5420.52	258.98	-6.226e+04	8.165e+04	5.196e+05
137	52	1.313e+06	4.029e+04	-0.13	-0.51	0.0	960.51	-1.074e+04	113.27	-4.966e+04	-3.133e+04	1.313e+06
		-5.454e+05	-3.133e+04	-6.88e-03		632.8	960.51	4506.45	113.27	-5.035e+04	4.029e+04	-9.488e+04
137	53	1.291e+06	3.376e+04	0.13	-0.51	0.0	1165.91	-1.099e+04	83.35	-3.102e+04	-1.838e+04	1.291e+06
		-6.186e+05	-1.838e+04	-4.16e-03		632.8	1165.91	4354.63	83.35	-3.063e+04	3.376e+04	-1.715e+05
137	54	1.716e+06	8.787e+04	-0.06	-0.52	0.0	2085.44	-8737.36	289.76	-7.912e+04	-9.595e+04	1.716e+06
		-1.933e+05	-9.595e+04	-6.24e-03		632.8	2085.44	5613.71	289.76	-8.141e+04	8.787e+04	5.840e+05
137	74	1.501e+06	6.097e+04	0.09	-0.51	0.0	1623.42	-9845.64	186.12	-5.538e+04	-5.681e+04	1.501e+06
		-3.837e+05	-5.681e+04	-5.45e-03		632.8	1623.42	4963.48	186.12	-5.631e+04	6.097e+04	2.124e+05
137	75	1.501e+06	6.097e+04	0.09	-0.51	0.0	1623.42	-9845.64	186.12	-5.538e+04	-5.681e+04	1.501e+06
		-3.837e+05	-5.681e+04	-5.45e-03		632.8	1623.42	4963.48	186.12	-5.631e+04	6.097e+04	2.124e+05
137	76	1.501e+06	6.097e+04	0.09	-0.51	0.0	1623.42	-9845.64	186.12	-5.538e+04	-5.681e+04	1.501e+06
		-3.837e+05	-5.681e+04	-5.45e-03		632.8	1623.42	4963.48	186.12	-5.631e+04	6.097e+04	2.124e+05
138	1	1.090e+06	1.712e+04	-7.39e-03	-0.62	0.0	-421.96	-7691.34	370.40	-1.795e+05	-1.199e+05	1.090e+06
		1.124e+05	-1.199e+05	-6.97e-03		370.0	-421.96	3561.14	370.40	-1.836e+05	1.712e+04	3.200e+05
138	3	8.413e+05	8.413e+04	-0.02	-0.60	0.0	-328.22	-6537.88	695.12	-1.341e+05	-1.731e+05	8.413e+05
		6.365e+04	-1.731e+05	-9.15e-03		370.0	-328.22	3804.48	695.12	-1.374e+05	8.413e+04	3.169e+05
138	4	6.132e+05	7.650e+04	-0.02	-0.46	0.0	-239.67	-4892.09	593.86	-9.587e+04	-1.432e+05	6.132e+05
		4.034e+04	-1.432e+05	-7.54e-03		370.0	-239.67	2989.60	593.86	-9.838e+04	7.650e+04	2.453e+05

138	6	6.253e+05	4.240e+04	-0.02	-0.45	0.0	-211.11	-4798.60	403.73	-1.077e+05	-1.070e+05	6.253e+05
		5.314e+04	-1.070e+05	-5.47e-03		370.0	-211.11	2786.53	403.73	-1.103e+05	4.240e+04	2.379e+05
138	7	8.004e+05	1.825e+04	-7.68e-03	-0.47	0.0	-303.61	-5719.56	305.37	-1.327e+05	-9.474e+04	8.004e+05
		8.109e+04	-9.474e+04	-5.39e-03		370.0	-303.61	2750.52	305.37	-1.357e+05	1.825e+04	2.450e+05
138	8	6.349e+05	6.292e+04	-0.02	-0.46	0.0	-241.11	-4950.58	521.85	-1.024e+05	-1.302e+05	6.349e+05
		4.781e+04	-1.302e+05	-6.83e-03		370.0	-241.11	2912.75	521.85	-1.050e+05	6.292e+04	2.430e+05
138	9	6.429e+05	4.019e+04	-0.02	-0.45	0.0	-222.07	-4888.26	395.09	-1.103e+05	-1.060e+05	6.429e+05
		5.634e+04	-1.060e+05	-5.46e-03		370.0	-222.07	2777.36	395.09	-1.129e+05	4.019e+04	2.380e+05
138	10	1.176e+06	1.379e+05	0.01	-0.46	0.0	-201.13	-2638.64	991.08	-1.636e+05	-2.365e+05	1.176e+06
		1.534e+05	-2.365e+05	-0.01		370.0	-201.13	5142.81	991.08	-1.659e+05	1.379e+05	5.888e+05
138	31	2.320e+05	-6.975e+04	0.03	-0.44	0.0	837.08	-6298.57	54.69	-1.054e+05	-7.629e+04	2.320e+05
		-4.272e+04	-7.629e+04	-6.27e-03		370.0	837.08	957.20	54.69	-1.085e+05	-6.975e+04	2.205e+04
138	32	1.054e+06	1.501e+05	-0.05	-0.45	0.0	-1281.22	-3477.94	735.49	-1.152e+05	-1.357e+05	1.054e+06
		9.700e+04	-1.357e+05	-4.68e-03		370.0	-1281.22	4597.53	735.49	-1.174e+05	1.501e+05	4.540e+05
138	34	1.279e+06	1.945e+05	-0.03	-0.46	0.0	-934.24	-2422.16	1044.36	-1.418e+05	-1.979e+05	1.279e+06
		1.265e+05	-1.979e+05	5.02e-03		370.0	-934.24	5493.41	1044.36	-1.442e+05	1.945e+05	5.902e+05
138	37	7105.39	-1.407e+04	0.03	-0.44	0.0	490.10	-7354.36	-254.17	-7.878e+04	-1.407e+04	7105.39
		-1.321e+05	-1.141e+05	-0.02		370.0	490.10	61.32	-254.17	-8.168e+04	-1.141e+05	-1.141e+05
138	42	1.176e+06	1.379e+05	0.01	-0.46	0.0	-201.13	-2638.64	991.08	-1.636e+05	-2.365e+05	1.176e+06
		1.534e+05	-2.365e+05	-0.01		370.0	-201.13	5142.81	991.08	-1.659e+05	1.379e+05	5.888e+05
138	63	2.320e+05	-6.975e+04	0.03	-0.44	0.0	837.08	-6298.57	54.69	-1.054e+05	-7.629e+04	2.320e+05
		-4.272e+04	-7.629e+04	-6.27e-03		370.0	837.08	957.20	54.69	-1.085e+05	-6.975e+04	2.205e+04
138	64	1.054e+06	1.501e+05	-0.05	-0.45	0.0	-1281.22	-3477.94	735.49	-1.152e+05	-1.357e+05	1.054e+06
		9.700e+04	-1.357e+05	-4.68e-03		370.0	-1281.22	4597.53	735.49	-1.174e+05	1.501e+05	4.540e+05
138	66	1.279e+06	1.945e+05	-0.03	-0.46	0.0	-934.24	-2422.16	1044.36	-1.418e+05	-1.979e+05	1.279e+06
		1.265e+05	-1.979e+05	5.02e-03		370.0	-934.24	5493.41	1044.36	-1.442e+05	1.945e+05	5.902e+05
138	69	7105.39	-1.407e+04	0.03	-0.44	0.0	490.10	-7354.36	-254.17	-7.878e+04	-1.407e+04	7105.39
		-1.321e+05	-1.141e+05	-0.02		370.0	490.10	61.32	-254.17	-8.168e+04	-1.141e+05	-1.141e+05
138	74	6.429e+05	4.019e+04	-0.02	-0.45	0.0	-222.07	-4888.26	395.09	-1.103e+05	-1.060e+05	6.429e+05
		5.634e+04	-1.060e+05	-5.46e-03		370.0	-222.07	2777.36	395.09	-1.129e+05	4.019e+04	2.380e+05
138	75	6.429e+05	4.019e+04	-0.02	-0.45	0.0	-222.07	-4888.26	395.09	-1.103e+05	-1.060e+05	6.429e+05
		5.634e+04	-1.060e+05	-5.46e-03		370.0	-222.07	2777.36	395.09	-1.129e+05	4.019e+04	2.380e+05
138	76	6.429e+05	4.019e+04	-0.02	-0.45	0.0	-222.07	-4888.26	395.09	-1.103e+05	-1.060e+05	6.429e+05
		5.634e+04	-1.060e+05	-5.46e-03		370.0	-222.07	2777.36	395.09	-1.129e+05	4.019e+04	2.380e+05
140	1	3.588e+05	2.786e+04	0.08	-0.66	0.0	339.55	-4674.15	31.03	-3.003e+04	1.995e+04	3.588e+05
		2.434e+04	1.995e+04	-7.74e-03		255.0	339.55	3149.90	31.03	-2.869e+04	2.786e+04	1.988e+05
140	2	2.828e+05	2.194e+04	0.06	-0.51	0.0	245.95	-3652.40	31.14	-2.316e+04	1.400e+04	2.828e+05
		2.023e+04	1.400e+04	-6.14e-03		255.0	245.95	2427.99	31.14	-2.206e+04	2.194e+04	1.538e+05
140	3	2.729e+05	4.995e+04	0.06	-0.63	0.0	834.12	-4111.21	-111.02	-3.866e+04	4.995e+04	2.729e+05
		-580.85	2.164e+04	-6.49e-03		255.0	834.12	3340.35	-111.02	-3.779e+04	2.164e+04	2.010e+05
140	4	1.968e+05	4.401e+04	0.04	-0.48	0.0	740.52	-3089.46	-110.91	-3.178e+04	4.401e+04	1.968e+05
		-5533.64	1.572e+04	-4.88e-03		255.0	740.52	2618.44	-110.91	-3.117e+04	1.572e+04	1.560e+05
140	7	2.664e+05	2.084e+04	0.06	-0.50	0.0	282.59	-3517.16	13.98	-2.325e+04	1.728e+04	2.664e+05
		1.623e+04	1.728e+04	-5.72e-03		255.0	282.59	2413.29	13.98	-2.229e+04	2.084e+04	1.511e+05
140	8	2.091e+05	3.728e+04	0.05	-0.48	0.0	612.30	-3141.87	-80.72	-2.900e+04	3.728e+04	2.091e+05
		-353.39	1.670e+04	-4.88e-03		255.0	612.30	2540.25	-80.72	-2.836e+04	1.670e+04	1.526e+05
140	10	4.052e+05	1.545e+04	-0.06	-0.50	0.0	-570.77	-2207.85	-2.65	-1.054e+05	1.477e+04	2.942e+05
		1.766e+05	1.477e+04	-0.01		255.0	-570.77	3025.18	-2.65	-1.061e+05	1.545e+04	4.052e+05
140	13	1.561e+05	3.632e+04	0.06	-0.45	0.0	1320.11	-4149.09	-55.14	5.814e+04	3.632e+04	1.561e+05
		-1.902e+05	2.091e+04	3.51e-03		255.0	1320.11	1723.28	-55.14	6.009e+04	2.091e+04	-1.171e+05
140	31	1.751e+05	4.530e+04	-0.05	-0.45	0.0	-1663.18	-3699.24	601.87	3.314e+04	-1.093e+05	1.751e+05
		-1.045e+05	-1.093e+05	-0.01		255.0	-1663.18	2173.18	601.87	3.492e+04	4.530e+04	9951.61
140	32	2.781e+05	1.604e+05	0.05	-0.50	0.0	2412.52	-2657.70	-659.66	-8.043e+04	1.604e+05	2.781e+05
		1.122e+05	-8943.25	1.49e-03		255.0	2412.52	2575.28	-659.66	-8.095e+04	-8943.25	2.781e+05
140	42	4.052e+05	1.545e+04	-0.06	-0.50	0.0	-570.77	-2207.85	-2.65	-1.054e+05	1.477e+04	2.942e+05
		1.766e+05	1.477e+04	-0.01		255.0	-570.77	3025.18	-2.65	-1.061e+05	1.545e+04	4.052e+05
140	45	1.561e+05	3.632e+04	0.06	-0.45	0.0	1320.11	-4149.09	-55.14	5.814e+04	3.632e+04	1.561e+05
		-1.902e+05	2.091e+04	3.51e-03		255.0	1320.11	1723.28	-55.14	6.009e+04	2.091e+04	-1.171e+05
140	63	1.751e+05	4.530e+04	-0.05	-0.45	0.0	-1663.18	-3699.24	601.87	3.314e+04	-1.093e+05	1.751e+05
		-1.045e+05	-1.093e+05	-0.01		255.0	-1663.18	2173.18	601.87	3.492e+04	4.530e+04	9951.61
140	64	2.781e+05	1.604e+05	0.05	-0.50	0.0	2412.52	-2657.70	-659.66	-8.043e+04	1.604e+05	2.781e+05
		1.122e+05	-8943.25	1.49e-03		255.0	2412.52	2575.28	-659.66	-8.095e+04	-8943.25	2.781e+05
140	74	2.251e+05	2.554e+04	0.05	-0.47	0.0	374.67	-3178.47	-28.89	-2.301e+04	1.818e+04	2.251e+05
		5912.74	1.818e+04	-4.66e-03		255.0	374.67	2374.23	-28.89	-2.301e+04	1.818e+04	1.440e+05
140	75	2.251e+05	2.554e+04	0.05	-0.47	0.0	374.67	-3178.47	-28.89	-2.301e+04	1.818e+04	2.251e+05
		5912.74	1.818e+04	-4.66e-03		255.0	374.67	2374.23	-28.89	-2.301e+04	1.818e+04	1.440e+05
140	76	2.251e+05	2.554e+04	0.05	-0.47	0.0	374.67	-3178.47	-28.89	-2.301e+04	1.818e+04	2.251e+05
		5912.74	1.818e+04	-4.66e-03		255.0	374.67	2374.23	-28.89	-2.301e+04	1.818e+04	1.440e+05
141	1	2.179e+05	3.111e+04	-0.08	-0.58	0.0	74.32	-3855.77	-238.99	-2.167e+04	3.111e+04	2.179e+05
		-6.512e+04	-2.996e+04	-5.81e-03		255.6	74.32	2328.17	-238.99	-2.051e+04	-2.996e+04	5.849e+04
141	2	1.685e+05	2.449e+04	-0.06	-0.45	0.0	37.05	-2980.43	-182.64	-1.672e+04	2.449e+04	1.685e+05
		-4.965e+04	-2.218e+04	-4.62e-03		255.6	37.05	1805.42	-182.64	-1.577e+04	-2.218e+04	4.664e+04
141	3	2.200e+05	2.460e+04	-0.06	-0.56	0.0	558.13	-3900.26	-311.89	-2.953e+04	2.460e+04	2.200e+05
		-7.501e+04	-5.511e+04	-4.93e-03		255.6	558.13	2290.90	-311.89	-2.892e+04	-5.511e+04	4.201e+04
141	7	1.656e+05	2.329e+04	-0.06	-0.44	0.0	83.26	-2940.82	-186.49	-1.686e+04	2.329e+04	1.656e+05
		-5.074e+04	-2.437e+04	-4.26e-03		255.6	83.26	1772.89	-186.49	-1.605e+04	-2.437e+04	4.299e+04
141	8	1.671e+05	1.895e+04	-0.05	-0.43	0.0	405.80	-2970.49	-235.09	-2.210e+04	1.895e+04	1.671e+05

		-5.740e+04	-4.113e+04	-3.67e-03		255.6	405.80	1748.04	-235.09	-2.165e+04	-4.113e+04	3.200e+04
141	10	4.316e+05	1.770e+04	-0.06	-0.46	0.0	-312.49	-1408.43	-113.13	-8.841e+04	1.770e+04	4.316e+05
		-3.809e+04	-1.286e+04	-2.36e-03		255.6	312.49	3599.50	-113.13	-8.979e+04	-1.286e+04	1.825e+05
141	13	-6.147e+04	2.305e+04	0.07	-0.40	0.0	707.98	-4266.64	-280.68	5.357e+04	2.305e+04	-1.158e+05
		-1.631e+05	-4.704e+04	-4.36e-03		255.6	707.98	-213.61	-280.68	5.593e+04	-4.704e+04	-1.144e+05
141	31	1.831e+04	8.525e+04	-0.05	-0.40	0.0	-1449.43	-3512.93	170.46	3.005e+04	4.482e+04	1.831e+04
		-9.454e+04	4.482e+04	-0.01		255.6	-1449.43	598.49	170.46	3.207e+04	8.525e+04	-5.037e+04
141	32	2.976e+05	-4080.74	0.05	-0.45	0.0	1844.92	-2162.14	-564.26	-6.489e+04	-4080.74	2.976e+05
		-4.372e+04	-1.452e+05	4.19e-03		255.6	1844.92	2787.40	-564.26	-6.594e+04	-1.452e+05	1.185e+05
141	42	4.316e+05	1.770e+04	-0.06	-0.46	0.0	-312.49	-1408.43	-113.13	-8.841e+04	1.770e+04	4.316e+05
		-3.809e+04	-1.286e+04	-2.36e-03		255.6	-312.49	3599.50	-113.13	-8.979e+04	-1.286e+04	1.825e+05
141	45	-6.147e+04	2.305e+04	0.07	-0.40	0.0	707.98	-4266.64	-280.68	5.357e+04	2.305e+04	-1.158e+05
		-1.631e+05	-4.704e+04	-4.36e-03		255.6	707.98	-213.61	-280.68	5.593e+04	-4.704e+04	-1.144e+05
141	63	1.831e+04	8.525e+04	-0.05	-0.40	0.0	-1449.43	-3512.93	170.46	3.005e+04	4.482e+04	1.831e+04
		-9.454e+04	4.482e+04	-0.01		255.6	-1449.43	598.49	170.46	3.207e+04	8.525e+04	-5.037e+04
141	64	2.976e+05	-4080.74	0.05	-0.45	0.0	1844.92	-2162.14	-564.26	-6.489e+04	-4080.74	2.976e+05
		-4.372e+04	-1.452e+05	4.19e-03		255.6	1844.92	2787.40	-564.26	-6.594e+04	-1.452e+05	1.185e+05
141	74	1.579e+05	2.037e+04	-0.05	-0.42	0.0	197.74	-2837.53	-196.90	-1.742e+04	2.037e+04	1.579e+05
		-5.384e+04	-2.995e+04	-3.36e-03		255.6	197.74	1692.95	-196.90	-1.693e+04	-2.995e+04	3.406e+04
141	75	1.579e+05	2.037e+04	-0.05	-0.42	0.0	197.74	-2837.53	-196.90	-1.742e+04	2.037e+04	1.579e+05
		-5.384e+04	-2.995e+04	-3.36e-03		255.6	197.74	1692.95	-196.90	-1.693e+04	-2.995e+04	3.406e+04
141	76	1.579e+05	2.037e+04	-0.05	-0.42	0.0	197.74	-2837.53	-196.90	-1.742e+04	2.037e+04	1.579e+05
		-5.384e+04	-2.995e+04	-3.36e-03		255.6	197.74	1692.95	-196.90	-1.693e+04	-2.995e+04	3.406e+04
142	1	1.297e+05	1.286e+04	-0.05	-0.49	0.0	1746.67	-1690.03	-70.89	-1.868e+04	1.286e+04	-1.150e+05
		-1.842e+05	-5882.22	-3.11e-03		264.4	1746.66	3380.01	-70.89	-1.792e+04	-5882.22	1.297e+05
142	3	1.687e+05	1.629e+04	-0.04	-0.50	0.0	1508.64	-1820.63	-111.70	-2.026e+04	1.629e+04	-7.678e+04
		-1.538e+05	-1.325e+04	-1.70e-04		264.4	1508.64	3544.84	-111.70	-2.004e+04	-1.325e+04	1.687e+05
142	6	1.106e+05	1.044e+04	-0.03	-0.37	0.0	1088.09	-1316.41	-67.65	-1.271e+04	1.044e+04	-6.383e+04
		-1.197e+05	-7445.91	-5.38e-04		264.4	1088.09	2534.37	-67.65	-1.252e+04	-7445.91	1.106e+05
142	7	1.016e+05	9972.33	-0.03	-0.38	0.0	1299.56	-1302.52	-56.60	-1.408e+04	9972.33	-8.424e+04
		-1.379e+05	-4994.48	-2.08e-03		264.4	1299.55	2588.46	-56.60	-1.356e+04	-4994.48	1.016e+05
142	8	1.276e+05	1.226e+04	-0.03	-0.38	0.0	1140.87	-1389.58	-83.80	-1.514e+04	1.226e+04	-5.877e+04
		-1.177e+05	-9904.63	-1.22e-04		264.4	1140.87	2698.35	-83.80	-1.498e+04	-9904.63	1.276e+05
142	9	1.098e+05	1.043e+04	-0.03	-0.37	0.0	1106.78	-1315.82	-67.05	-1.284e+04	1.043e+04	-6.558e+04
		-1.213e+05	-7295.51	-6.57e-04		264.4	1106.78	2539.62	-67.05	-1.263e+04	-7295.51	1.098e+05
142	29	5.129e+04	5.382e+04	0.03	-0.34	0.0	156.30	-1608.41	283.76	3.127e+04	-2.132e+04	-1.423e+05
		-2.108e+05	-2.132e+04	-0.01		264.4	156.30	2111.23	283.76	3.509e+04	5.382e+04	5.129e+04
142	30	1.696e+05	4.295e+04	-0.04	-0.42	0.0	2033.18	-1040.92	-425.30	-5.417e+04	4.295e+04	1.009e+04
		-3.359e+04	-5.708e+04	0.01		264.4	2033.18	2931.73	-425.30	-5.738e+04	-5.708e+04	1.696e+05
142	31	7.494e+04	5.503e+04	0.02	-0.35	0.0	-507.91	-1527.94	214.53	1.359e+04	-1.428e+04	-1.102e+05
		-1.759e+05	-1.428e+04	-0.02		264.4	-507.91	2265.11	214.53	1.622e+04	5.503e+04	7.494e+04
142	32	1.447e+05	3.515e+04	-0.03	-0.41	0.0	2721.46	-1103.71	-348.63	-3.927e+04	3.515e+04	-2.098e+04
		-6.672e+04	-6.963e+04	0.01		264.4	2721.46	2814.13	-348.63	-4.147e+04	-6.963e+04	1.447e+05
142	39	1.007e+05	5.538e+04	0.03	-0.35	0.0	-145.89	-1515.06	214.10	1.111e+04	-1.379e+04	-9.821e+04
		-1.620e+05	-1.379e+04	-0.02		264.4	-145.89	2175.64	214.10	1.369e+04	5.538e+04	1.007e+05
142	40	1.190e+05	3.466e+04	-0.03	-0.41	0.0	2359.45	-1116.58	-348.19	-3.679e+04	3.466e+04	-3.294e+04
		-8.062e+04	-6.997e+04	0.02		264.4	2359.44	2903.60	-348.19	-3.895e+04	-6.997e+04	1.190e+05
142	61	5.129e+04	5.382e+04	0.03	-0.34	0.0	156.30	-1608.41	283.76	3.127e+04	-2.132e+04	-1.423e+05
		-2.108e+05	-2.132e+04	-0.01		264.4	156.30	2111.23	283.76	3.509e+04	5.382e+04	5.129e+04
142	62	1.696e+05	4.295e+04	-0.04	-0.42	0.0	2033.18	-1040.92	-425.30	-5.417e+04	4.295e+04	1.009e+04
		-3.359e+04	-5.708e+04	0.01		264.4	2033.18	2931.73	-425.30	-5.738e+04	-5.708e+04	1.696e+05
142	63	7.494e+04	5.503e+04	0.02	-0.35	0.0	-507.91	-1527.94	214.53	1.359e+04	-1.428e+04	-1.102e+05
		-1.759e+05	-1.428e+04	-0.02		264.4	-507.91	2265.11	214.53	1.622e+04	5.503e+04	7.494e+04
142	64	1.447e+05	3.515e+04	-0.03	-0.41	0.0	2721.46	-1103.71	-348.63	-3.927e+04	3.515e+04	-2.098e+04
		-6.672e+04	-6.963e+04	0.01		264.4	2721.46	2814.13	-348.63	-4.147e+04	-6.963e+04	1.447e+05
142	71	1.007e+05	5.538e+04	0.03	-0.35	0.0	-145.89	-1515.06	214.10	1.111e+04	-1.379e+04	-9.821e+04
		-1.620e+05	-1.379e+04	-0.02		264.4	-145.89	2175.64	214.10	1.369e+04	5.538e+04	1.007e+05
142	72	1.190e+05	3.466e+04	-0.03	-0.41	0.0	2359.45	-1116.58	-348.19	-3.679e+04	3.466e+04	-3.294e+04
		-8.062e+04	-6.997e+04	0.02		264.4	2359.44	2903.60	-348.19	-3.895e+04	-6.997e+04	1.190e+05
142	74	1.098e+05	1.043e+04	-0.03	-0.37	0.0	1106.78	-1315.82	-67.05	-1.284e+04	1.043e+04	-6.558e+04
		-1.213e+05	-7295.51	-6.57e-04		264.4	1106.78	2539.62	-67.05	-1.263e+04	-7295.51	1.098e+05
142	75	1.098e+05	1.043e+04	-0.03	-0.37	0.0	1106.78	-1315.82	-67.05	-1.284e+04	1.043e+04	-6.558e+04
		-1.213e+05	-7295.51	-6.57e-04		264.4	1106.78	2539.62	-67.05	-1.263e+04	-7295.51	1.098e+05
142	76	1.098e+05	1.043e+04	-0.03	-0.37	0.0	1106.78	-1315.82	-67.05	-1.284e+04	1.043e+04	-6.558e+04
		-1.213e+05	-7295.51	-6.57e-04		264.4	1106.78	2539.62	-67.05	-1.263e+04	-7295.51	1.098e+05
143	1	1.216e+05	-4361.11	-0.05	-0.45	0.0	1088.66	-2831.60	-154.09	-1.473e+04	-4361.11	1.216e+05
		-1.197e+05	-5.290e+04	-5.37e-03		315.0	1088.66	1986.80	-154.09	-1.400e+04	-5.290e+04	-2.252e+04
143	2	9.166e+04	-2837.77	-0.04	-0.34	0.0	854.22	-2164.09	-120.23	-1.174e+04	-2837.77	9.166e+04
		-9.194e+04	-4.071e+04	-4.42e-03		315.0	854.22	1526.43	-120.23	-1.112e+04	-4.071e+04	1.791e+04
143	3	1.668e+05	-1.145e+04	-0.04	-0.46	0.0	980.43	-3252.51	-150.72	-1.290e+04	-1.145e+04	1.668e+05
		-1.248e+05	-5.893e+04	-2.69e-03		315.0	980.43	2116.04	-150.72	-1.280e+04	-5.893e+04	2.652e+04
143	6	1.073e+05	-6213.94	-0.03	-0.34	0.0	702.18	-2277.74	-103.13	-8285.70	-6213.94	1.073e+05
		-9.330e+04	-3.870e+04	-2.15e-03		315.0	702.18	1536.06	-103.13	-8168.56	-3.870e+04	1.207e+04
143	7	9.591e+04	-3814.97	-0.04	-0.34	0.0	813.88	-2195.10	-115.80	-1.081e+04	-3814.97	9.591e+04
		-9.230e+04	-4.029e+04	-3.80e-03		315.0	813.88	1529.44	-115.80	-1.032e+04	-4.029e+04	1.639e+04
143	8	1.260e+05	-8541.67	-0.03	-0.35	0.0	741.73	-2475.71	-113.55	-9591.71	-8541.67	1.260e+05
		-9.568e+04	-4.431e+04	-2.00e-03		315.0	741.73	1615.61	-113.55	-9526.00	-4.431e+04	1.240e+04

143	9	1.064e+05	-6065.75	-0.03	-0.34	0.0	712.52	-2270.86	-104.40	-8501.96	-6065.75	1.064e+05
		-9.320e+04	-3.895e+04	-2.28e-03		315.0	712.52	1535.86	-104.40	-8354.55	-3.895e+04	1.250e+04
143	30	1.705e+05	-5.313e+04	-0.04	-0.38	0.0	1514.41	-2090.84	-266.38	-1.402e+04	-5.313e+04	1.705e+05
		-8.684e+04	-1.473e+05	3.98e-03		315.0	1514.41	2254.17	-266.38	-1.792e+04	-1.473e+05	8.232e+04
143	31	6.828e+04	5.256e+04	-0.03	-0.33	0.0	-500.95	-2359.23	4.59	-6073.19	5.256e+04	6.828e+04
		-1.034e+05	4.183e+04	-0.02		315.0	-500.95	1056.48	4.59	-2981.25	4.183e+04	-3.281e+04
143	32	1.445e+05	-6.469e+04	0.04	-0.38	0.0	1925.99	-2182.49	-213.39	-1.093e+04	-6.469e+04	1.445e+05
		-9.068e+04	-1.197e+05	0.01		315.0	1925.99	2015.24	-213.39	-1.373e+04	-1.197e+05	5.780e+04
143	33	4.225e+04	6.943e+04	0.03	-0.32	0.0	-89.36	-2450.88	57.58	-2983.77	4.100e+04	4.225e+04
		-1.116e+05	4.100e+04	-7.61e-03		315.0	-89.36	817.56	57.58	1213.75	6.943e+04	-5.732e+04
143	62	1.705e+05	-5.313e+04	-0.04	-0.38	0.0	1514.41	-2090.84	-266.38	-1.402e+04	-5.313e+04	1.705e+05
		-8.684e+04	-1.473e+05	3.98e-03		315.0	1514.41	2254.17	-266.38	-1.792e+04	-1.473e+05	8.232e+04
143	63	6.828e+04	5.256e+04	-0.03	-0.33	0.0	-500.95	-2359.23	4.59	-6073.19	5.256e+04	6.828e+04
		-1.034e+05	4.183e+04	-0.02		315.0	-500.95	1056.48	4.59	-2981.25	4.183e+04	-3.281e+04
143	64	1.445e+05	-6.469e+04	0.04	-0.38	0.0	1925.99	-2182.49	-213.39	-1.093e+04	-6.469e+04	1.445e+05
		-9.068e+04	-1.197e+05	0.01		315.0	1925.99	2015.24	-213.39	-1.373e+04	-1.197e+05	5.780e+04
143	65	4.225e+04	6.943e+04	0.03	-0.32	0.0	-89.36	-2450.88	57.58	-2983.77	4.100e+04	4.225e+04
		-1.116e+05	4.100e+04	-7.61e-03		315.0	-89.36	817.56	57.58	1213.75	6.943e+04	-5.732e+04
143	74	1.064e+05	-6065.75	-0.03	-0.34	0.0	712.52	-2270.86	-104.40	-8501.96	-6065.75	1.064e+05
		-9.320e+04	-3.895e+04	-2.28e-03		315.0	712.52	1535.86	-104.40	-8354.55	-3.895e+04	1.250e+04
143	75	1.064e+05	-6065.75	-0.03	-0.34	0.0	712.52	-2270.86	-104.40	-8501.96	-6065.75	1.064e+05
		-9.320e+04	-3.895e+04	-2.28e-03		315.0	712.52	1535.86	-104.40	-8354.55	-3.895e+04	1.250e+04
143	76	1.064e+05	-6065.75	-0.03	-0.34	0.0	712.52	-2270.86	-104.40	-8501.96	-6065.75	1.064e+05
		-9.320e+04	-3.895e+04	-2.28e-03		315.0	712.52	1535.86	-104.40	-8354.55	-3.895e+04	1.250e+04
217	1	5.848e+05	5.261e+04	-5.92e-04	-0.70	0.0	9291.18	-229.37	-672.59	-4.027e+04	5.261e+04	4.955e+05
		4.948e+05	1795.82	-2.58e-03		75.6	9291.18	2592.35	-672.59	-3.972e+04	1795.82	5.848e+05
217	3	5.267e+05	6.462e+04	-2.18e-03	-0.66	0.0	7841.83	-134.55	-634.80	-4.954e+04	6.462e+04	4.407e+05
		4.404e+05	1.665e+04	-2.03e-03		75.6	7841.83	2412.90	-634.80	-4.909e+04	1.665e+04	5.267e+05
217	4	3.989e+05	5.617e+04	-1.90e-03	-0.50	0.0	5832.38	-97.67	-512.15	-4.031e+04	5.617e+04	3.333e+05
		3.332e+05	1.747e+04	-1.50e-03		75.6	5832.38	1834.56	-512.15	-3.997e+04	1.747e+04	3.989e+05
217	5	5.208e+05	3.044e+04	-1.78e-03	-0.65	0.0	8066.86	-108.89	-448.67	-4.060e+04	3.044e+04	4.344e+05
		4.342e+05	-3457.84	-1.93e-03		75.6	8066.86	2397.71	-448.67	-4.019e+04	-3457.84	5.208e+05
217	6	3.930e+05	2.199e+04	-1.50e-03	-0.49	0.0	6057.41	-72.01	-326.02	-3.179e+04	2.199e+04	3.271e+05
		3.270e+05	-2640.61	-1.40e-03		75.6	6057.41	1819.37	-326.02	-3.107e+04	-2640.61	3.930e+05
217	7	4.400e+05	3.758e+04	-6.34e-04	-0.53	0.0	6957.20	-158.97	-486.10	-3.107e+04	3.758e+04	3.718e+05
		3.714e+05	850.94	-1.88e-03		75.6	6957.20	1963.28	-486.10	-3.067e+04	850.94	4.400e+05
217	8	4.012e+05	4.558e+04	-1.69e-03	-0.50	0.0	5990.96	-95.76	-460.91	-3.725e+04	4.558e+04	3.353e+05
		3.351e+05	1.076e+04	-1.51e-03		75.6	5990.96	1843.64	-460.91	-3.691e+04	1.076e+04	4.012e+05
217	9	3.973e+05	2.280e+04	-1.43e-03	-0.50	0.0	6140.99	-78.65	-336.82	-3.129e+04	2.280e+04	3.311e+05
		3.310e+05	-2651.50	-1.45e-03		75.6	6140.99	1833.51	-336.82	-3.098e+04	-2651.50	3.973e+05
217	18	4.142e+05	6.852e+04	-0.01	-0.51	0.0	6673.52	87.12	-593.07	-7.188e+04	6.852e+04	3.544e+05
		3.535e+05	2.387e+04	-1.88e-03		75.6	6673.52	1975.74	-593.07	-7.165e+04	2.387e+04	4.142e+05
217	21	3.804e+05	-2.293e+04	0.01	-0.49	0.0	5608.46	-244.43	-80.58	9297.56	-2.293e+04	3.078e+05
		3.078e+05	-2.918e+04	-1.01e-03		75.6	5608.46	1691.29	-80.58	9692.91	-2.918e+04	3.804e+05
217	34	4.297e+05	1.073e+05	-3.88e-03	-0.51	0.0	6559.87	261.36	-828.45	-8.057e+04	1.073e+05	3.846e+05
		3.814e+05	4.478e+04	-1.31e-03		75.6	6559.87	2089.82	-828.45	-8.043e+04	4.478e+04	4.297e+05
217	37	3.649e+05	-5.008e+04	4.76e-03	-0.48	0.0	5722.11	-418.66	154.80	1.798e+04	-6.173e+04	2.776e+05
		2.776e+05	-6.173e+04	-1.58e-03		75.6	5722.11	1577.20	154.80	1.847e+04	-5.008e+04	3.649e+05
217	38	4.275e+05	1.081e+05	-3.73e-03	-0.51	0.0	6564.37	231.13	-834.03	-7.853e+04	1.081e+05	3.797e+05
		3.770e+05	4.517e+04	-1.29e-03		75.6	6564.37	2065.66	-834.03	-7.840e+04	4.517e+04	4.275e+05
217	41	3.671e+05	-5.047e+04	4.99e-03	-0.48	0.0	5717.61	-388.43	160.38	1.595e+04	-6.254e+04	2.825e+05
		2.825e+05	-6.254e+04	-1.60e-03		75.6	5717.61	1601.36	160.38	1.643e+04	-5.047e+04	3.671e+05
217	50	4.142e+05	6.852e+04	-0.01	-0.51	0.0	6673.52	87.12	-593.07	-7.188e+04	6.852e+04	3.544e+05
		3.535e+05	2.387e+04	-1.88e-03		75.6	6673.52	1975.74	-593.07	-7.165e+04	2.387e+04	4.142e+05
217	53	3.804e+05	-2.293e+04	0.01	-0.49	0.0	5608.46	-244.43	-80.58	9297.56	-2.293e+04	3.078e+05
		3.078e+05	-2.918e+04	-1.01e-03		75.6	5608.46	1691.29	-80.58	9692.91	-2.918e+04	3.804e+05
217	66	4.297e+05	1.073e+05	-3.88e-03	-0.51	0.0	6559.87	261.36	-828.45	-8.057e+04	1.073e+05	3.846e+05
		3.814e+05	4.478e+04	-1.31e-03		75.6	6559.87	2089.82	-828.45	-8.043e+04	4.478e+04	4.297e+05
217	69	3.649e+05	-5.008e+04	4.76e-03	-0.48	0.0	5722.11	-418.66	154.80	1.798e+04	-6.173e+04	2.776e+05
		2.776e+05	-6.173e+04	-1.58e-03		75.6	5722.11	1577.20	154.80	1.847e+04	-5.008e+04	3.649e+05
217	70	4.275e+05	1.081e+05	-3.73e-03	-0.51	0.0	6564.37	231.13	-834.03	-7.853e+04	1.081e+05	3.797e+05
		3.770e+05	4.517e+04	-1.29e-03		75.6	6564.37	2065.66	-834.03	-7.840e+04	4.517e+04	4.275e+05
217	73	3.671e+05	-5.047e+04	4.99e-03	-0.48	0.0	5717.61	-388.43	160.38	1.595e+04	-6.254e+04	2.825e+05
		2.825e+05	-6.254e+04	-1.60e-03		75.6	5717.61	1601.36	160.38	1.643e+04	-5.047e+04	3.671e+05
217	74	3.973e+05	2.280e+04	-1.43e-03	-0.50	0.0	6140.99	-78.65	-336.82	-3.129e+04	2.280e+04	3.311e+05
		3.310e+05	-2651.50	-1.45e-03		75.6	6140.99	1833.51	-336.82	-3.098e+04	-2651.50	3.973e+05
217	75	3.973e+05	2.280e+04	-1.43e-03	-0.50	0.0	6140.99	-78.65	-336.82	-3.129e+04	2.280e+04	3.311e+05
		3.310e+05	-2651.50	-1.45e-03		75.6	6140.99	1833.51	-336.82	-3.098e+04	-2651.50	3.973e+05
217	76	3.973e+05	2.280e+04	-1.43e-03	-0.50	0.0	6140.99	-78.65	-336.82	-3.129e+04	2.280e+04	3.311e+05
		3.310e+05	-2651.50	-1.45e-03		75.6	6140.99	1833.51	-336.82	-3.098e+04	-2651.50	3.973e+05
219	1	2.600e+05	-1.262e+04	2.23e-03	-0.77	0.0	3845.22	2010.55	175.60	-2.354e+05	-2.473e+04	2.032e+05
		2.032e+04	-2.473e+04	-2.66e-03		68.9	3845.22	4940.99	175.60	-2.347e+05	-1.262e+04	2.600e+05
219	4	1.703e+05	7275.46	1.68e-04	-0.53	0.0	2556.04	1294.75	-45.40	-1.489e+05	7275.46	1.413e+04
		1.413e+04	4145.12	-1.77e-03		68.9	2556.04	3236.45	-45.40	-1.484e+05	4145.12	1.703e+05
219	6	1.636e+05	-2785.96	7.17e-05	-0.52	0.0	2408.20	1244.86	52.51	-1.429e+05	-6406.14	1.289e+04
		1.289e+04	-6406.14	-1.36e-03		68.9	2408.20	3126.16	52.51	-1.425e+05	-2785.96	1.636e+05
219	7	1.937e+05	-8550.74	1.43e-03	-0.58	0.0	2863.29	1494.81	121.08	-1.745e+05	-1.690e+04	1.513e+04

		1.513e+04	-1.690e+04	-1.93e-03		68.9	2863.29	3684.86	121.08	-1.740e+05	-8550.74	1.937e+05	
219	8	1.708e+05	1887.88	-3.74e-05	-0.54	0.0	2546.67	1299.76		-7.17	-1.497e+05	1887.88	1.397e+04
		1.397e+04	1393.51	-1.68e-03		68.9	2546.67	3248.34		-7.17	-1.492e+05	1393.51	1.708e+05
219	9	1.663e+05	-3227.20	1.90e-04	-0.53	0.0	2448.11	1266.50		58.10	-1.457e+05	-7233.19	1.314e+04
		1.314e+04	-7233.19	-1.41e-03		68.9	2448.11	3174.82		58.10	-1.453e+05	-3227.20	1.663e+05
219	13	1.569e+05	-6900.43	0.02	-0.52	0.0	2325.77	1106.79		102.46	-1.174e+05	-1.345e+04	9133.06
		9133.06	-1.345e+04	-1.41e-03		68.9	2325.77	2987.43		102.46	-1.170e+05	-6900.43	1.569e+05
219	31	1.588e+05	1.056e+04	-7.00e-03	-0.52	0.0	2276.54	1158.33		-22.68	-1.342e+05	1.056e+04	1.145e+04
		1.145e+04	5784.96	-2.55e-03		68.9	2276.54	3060.67		-22.68	-1.337e+05	5784.96	1.588e+05
219	32	1.737e+05	-1.224e+04	7.38e-03	-0.53	0.0	2619.69	1374.66		138.88	-1.572e+05	-2.502e+04	1.483e+04
		1.483e+04	-2.502e+04	-2.62e-04		68.9	2619.69	3288.97		138.88	-1.568e+05	-1.224e+04	1.737e+05
219	34	1.803e+05	-6301.67	-5.29e-03	-0.54	0.0	2674.09	1488.68		125.55	-1.705e+05	-1.507e+04	1.558e+04
		1.558e+04	-1.507e+04	-1.62e-03		68.9	2674.09	3413.79		125.55	-1.701e+05	-6301.67	1.803e+05
219	37	1.522e+05	603.53	4.90e-03	-0.52	0.0	2222.14	1044.32		-9.34	-1.209e+05	603.53	1.070e+04
		1.070e+04	-152.74	-1.19e-03		68.9	2222.14	2935.85		-9.34	-1.204e+05	-152.74	1.522e+05
219	45	1.569e+05	-6900.43	0.02	-0.52	0.0	2325.77	1106.79		102.46	-1.174e+05	-1.345e+04	9133.06
		9133.06	-1.345e+04	-1.41e-03		68.9	2325.77	2987.43		102.46	-1.170e+05	-6900.43	1.569e+05
219	63	1.588e+05	1.056e+04	-7.00e-03	-0.52	0.0	2276.54	1158.33		-22.68	-1.342e+05	1.056e+04	1.145e+04
		1.145e+04	5784.96	-2.55e-03		68.9	2276.54	3060.67		-22.68	-1.337e+05	5784.96	1.588e+05
219	64	1.737e+05	-1.224e+04	7.38e-03	-0.53	0.0	2619.69	1374.66		138.88	-1.572e+05	-2.502e+04	1.483e+04
		1.483e+04	-2.502e+04	-2.62e-04		68.9	2619.69	3288.97		138.88	-1.568e+05	-1.224e+04	1.737e+05
219	66	1.803e+05	-6301.67	-5.29e-03	-0.54	0.0	2674.09	1488.68		125.55	-1.705e+05	-1.507e+04	1.558e+04
		1.558e+04	-1.507e+04	-1.62e-03		68.9	2674.09	3413.79		125.55	-1.701e+05	-6301.67	1.803e+05
219	69	1.522e+05	603.53	4.90e-03	-0.52	0.0	2222.14	1044.32		-9.34	-1.209e+05	603.53	1.070e+04
		1.070e+04	-152.74	-1.19e-03		68.9	2222.14	2935.85		-9.34	-1.204e+05	-152.74	1.522e+05
219	74	1.663e+05	-3227.20	1.90e-04	-0.53	0.0	2448.11	1266.50		58.10	-1.457e+05	-7233.19	1.314e+04
		1.314e+04	-7233.19	-1.41e-03		68.9	2448.11	3174.82		58.10	-1.453e+05	-3227.20	1.663e+05
219	75	1.663e+05	-3227.20	1.90e-04	-0.53	0.0	2448.11	1266.50		58.10	-1.457e+05	-7233.19	1.314e+04
		1.314e+04	-7233.19	-1.41e-03		68.9	2448.11	3174.82		58.10	-1.453e+05	-3227.20	1.663e+05
219	76	1.663e+05	-3227.20	1.90e-04	-0.53	0.0	2448.11	1266.50		58.10	-1.457e+05	-7233.19	1.314e+04
		1.314e+04	-7233.19	-1.41e-03		68.9	2448.11	3174.82		58.10	-1.453e+05	-3227.20	1.663e+05
220	1	2.625e+05	3.612e+04	0.09	-0.76	0.0	-63.33	-8398.00	-226.89	1.012e+05	3.612e+04	2.625e+05	
		-5.968e+05	-4.834e+04	-0.01		372.3	-63.33	6003.52	-226.89	1.020e+05	-4.834e+04	-9.960e+04	
220	4	1.648e+05	-741.04	0.06	-0.53	0.0	91.49	-5467.71	-1.61	6.440e+04	-741.04	1.648e+05	
		-3.843e+05	-1339.56	-9.81e-03		372.3	91.49	4113.00	-1.61	6.528e+04	-1339.56	-3.575e+04	
220	7	1.944e+05	2.526e+04	0.07	-0.57	0.0	-40.13	-6262.16	-159.61	7.509e+04	2.526e+04	1.944e+05	
		-4.447e+05	-3.416e+04	-9.48e-03		372.3	-40.13	4518.28	-159.61	7.574e+04	-3.416e+04	-6.908e+04	
220	8	1.657e+05	4763.03	0.05	-0.53	0.0	57.06	-5498.27	-35.89	6.480e+04	4763.03	1.657e+05	
		-3.874e+05	-8597.75	-9.08e-03		372.3	57.06	4132.19	-35.89	6.564e+04	-8597.75	-3.767e+04	
220	10	1.986e+05	6937.09	-0.07	-0.53	0.0	-56.16	-4975.23	-56.22	5.454e+04	6937.09	1.986e+05	
		-3.384e+05	-1.387e+04	-0.01		372.3	-56.16	4437.03	-56.22	5.537e+04	-1.387e+04	6.124e+04	
220	30	1.906e+05	2.445e+04	-0.05	-0.53	0.0	78.70	-4979.25	-156.96	5.619e+04	2.445e+04	1.906e+05	
		-3.278e+05	-4.278e+04	-0.01		372.3	78.70	4410.13	-156.96	5.704e+04	-4.278e+04	5.759e+04	
220	31	1.456e+05	-4646.99	-0.07	-0.52	0.0	-148.54	-5621.51	16.09	6.699e+04	-4646.99	1.456e+05	
		-4.167e+05	-7270.37	-6.14e-03		372.3	-148.54	3915.20	16.09	6.779e+04	-7270.37	-9.091e+04	
220	32	1.763e+05	3.222e+04	0.05	-0.52	0.0	140.67	-5164.03	-201.10	5.947e+04	3.222e+04	1.763e+05	
		-3.458e+05	-3.403e+04	-8.26e-03		372.3	140.67	4253.92	-201.10	6.020e+04	-3.403e+04	2.011e+04	
220	41	1.320e+05	6866.81	0.07	-0.51	0.0	-67.52	-5888.19	-47.06	7.144e+04	6866.81	1.320e+05	
		-4.493e+05	-1886.98	-4.61e-03		372.3	-67.52	3805.74	-47.06	7.198e+04	-1886.98	-1.523e+05	
220	42	1.986e+05	6937.09	-0.07	-0.53	0.0	-56.16	-4975.23	-56.22	5.454e+04	6937.09	1.986e+05	
		-3.384e+05	-1.387e+04	-0.01		372.3	-56.16	4437.03	-56.22	5.537e+04	-1.387e+04	6.124e+04	
220	62	1.906e+05	2.445e+04	-0.05	-0.53	0.0	78.70	-4979.25	-156.96	5.619e+04	2.445e+04	1.906e+05	
		-3.278e+05	-4.278e+04	-0.01		372.3	78.70	4410.13	-156.96	5.704e+04	-4.278e+04	5.759e+04	
220	63	1.456e+05	-4646.99	-0.07	-0.52	0.0	-148.54	-5621.51	16.09	6.699e+04	-4646.99	1.456e+05	
		-4.167e+05	-7270.37	-6.14e-03		372.3	-148.54	3915.20	16.09	6.779e+04	-7270.37	-9.091e+04	
220	64	1.763e+05	3.222e+04	0.05	-0.52	0.0	140.67	-5164.03	-201.10	5.947e+04	3.222e+04	1.763e+05	
		-3.458e+05	-3.403e+04	-8.26e-03		372.3	140.67	4253.92	-201.10	6.020e+04	-3.403e+04	2.011e+04	
220	73	1.320e+05	6866.81	0.07	-0.51	0.0	-67.52	-5888.19	-47.06	7.144e+04	6866.81	1.320e+05	
		-4.493e+05	-1886.98	-4.61e-03		372.3	-67.52	3805.74	-47.06	7.198e+04	-1886.98	-1.523e+05	
220	74	1.610e+05	1.378e+04	0.05	-0.52	0.0	-3.94	-5392.77	-92.51	6.323e+04	1.378e+04	1.610e+05	
		-3.812e+05	-2.065e+04	-7.20e-03		372.3	-3.94	4084.56	-92.51	6.400e+04	-2.065e+04	-3.540e+04	
220	75	1.610e+05	1.378e+04	0.05	-0.52	0.0	-3.94	-5392.77	-92.51	6.323e+04	1.378e+04	1.610e+05	
		-3.812e+05	-2.065e+04	-7.20e-03		372.3	-3.94	4084.56	-92.51	6.400e+04	-2.065e+04	-3.540e+04	
220	76	1.610e+05	1.378e+04	0.05	-0.52	0.0	-3.94	-5392.77	-92.51	6.323e+04	1.378e+04	1.610e+05	
		-3.812e+05	-2.065e+04	-7.20e-03		372.3	-3.94	4084.56	-92.51	6.400e+04	-2.065e+04	-3.540e+04	
221	1	7.289e+04	8203.83	0.03	-0.67	0.0	-158.67	-2038.32	92.16	-6.005e+04	-5850.70	-1.880e+04	
		-1.779e+04	-5850.70	-6.30e-03		152.5	-158.67	3181.84	92.16	-5.960e+04	8203.83	7.289e+04	
221	4	5.586e+04	2.154e+04	0.02	-0.47	0.0	18.40	-1486.74	-84.04	-4.550e+04	2.154e+04	1.258e+04	
		-3.432e+04	8722.30	-3.74e-03		152.5	18.40	2016.97	-84.04	-4.507e+04	8722.30	5.586e+04	
221	5	7.491e+04	5351.63	0.02	-0.62	0.0	-70.55	-1904.46	78.76	-5.948e+04	-6659.66	1.163e+04	
		-4.700e+04	-6659.66	-4.56e-03		152.5	-70.55	2690.24	78.76	-5.899e+04	5351.63	7.491e+04	
221	7	5.628e+04	5916.68	0.02	-0.51	0.0	-109.13	-1546.77	67.17	-4.609e+04	-4327.12	-1.000e+04	
		-5.539e+04	-4327.12	-4.58e-03		152.5	-109.13	2372.84	67.17	-4.574e+04	5916.68	5.628e+04	
221	8	5.645e+04	1.251e+04	0.02	-0.48	0.0	-7.89	-1483.45	-34.58	-4.560e+04	1.251e+04	1.065e+04	
		-3.565e+04	7241.17	-3.71e-03		152.5	-7.89	2047.41	-34.58	-4.519e+04	7241.17	5.645e+04	
221	9	5.763e+04	4015.21	0.02	-0.47	0.0	-50.39	-1457.53	58.24	-4.572e+04	-4866.43	1.028e+04	
		-3.481e+04	-4866.43	-3.42e-03		152.5	-50.39	2045.11	58.24	-4.533e+04	4015.21	5.76	

221	18	1.030e+05	1.233e+04	-0.04	-0.49	0.0	-149.86	-1249.73	123.29	-5.166e+04	-1.108e+04	9.061e+04
		3.197e+04	-1.108e+04	-4.89e-03		152.5	-149.86	2352.18	123.29	-5.144e+04	1.233e+04	1.030e+05
221	21	1.223e+04	1349.09	0.05	-0.45	0.0	49.08	-1665.33	-6.81	-3.977e+04	1349.09	-7.005e+04
		-1.037e+05	-4294.61	-1.95e-03		152.5	49.08	1738.03	-6.81	-3.923e+04	-4294.61	1.223e+04
221	34	1.287e+05	2.415e+04	-0.02	-0.49	0.0	-117.72	-1221.46	-68.72	-5.279e+04	2.415e+04	1.287e+05
		6.429e+04	1.545e+04	-4.07e-03		152.5	-117.72	2509.81	-68.72	-5.246e+04	1.545e+04	1.249e+05
221	37	-9637.58	-7417.67	0.03	-0.45	0.0	16.94	-1693.60	185.21	-3.865e+04	-3.389e+04	-1.081e+05
		-1.385e+05	-3.389e+04	-2.76e-03		152.5	16.94	1580.41	185.21	-3.821e+04	-7417.67	-9637.58
221	39	1.181e+04	-3674.47	-0.03	-0.46	0.0	-25.40	-1588.81	250.15	-4.137e+04	-4.242e+04	-7.024e+04
		-1.058e+05	-4.242e+04	-3.55e-03		152.5	-25.40	1708.07	250.15	-4.097e+04	-3674.47	1.181e+04
221	40	1.034e+05	3.269e+04	0.02	-0.49	0.0	-75.37	-1326.25	-133.67	-5.006e+04	3.269e+04	9.080e+04
		3.424e+04	1.170e+04	-3.29e-03		152.5	-75.37	2382.14	-133.67	-4.969e+04	1.170e+04	1.034e+05
221	50	1.030e+05	1.233e+04	-0.04	-0.49	0.0	-149.86	-1249.73	123.29	-5.166e+04	-1.108e+04	9.061e+04
		3.197e+04	-1.108e+04	-4.89e-03		152.5	-149.86	2352.18	123.29	-5.144e+04	1.233e+04	1.030e+05
221	53	1.223e+04	1349.09	0.05	-0.45	0.0	49.08	-1665.33	-6.81	-3.977e+04	1349.09	-7.005e+04
		-1.037e+05	-4294.61	-1.95e-03		152.5	49.08	1738.03	-6.81	-3.923e+04	-4294.61	1.223e+04
221	66	1.287e+05	2.415e+04	-0.02	-0.49	0.0	-117.72	-1221.46	-68.72	-5.279e+04	2.415e+04	1.287e+05
		6.429e+04	1.545e+04	-4.07e-03		152.5	-117.72	2509.81	-68.72	-5.246e+04	1.545e+04	1.249e+05
221	69	-9637.58	-7417.67	0.03	-0.45	0.0	16.94	-1693.60	185.21	-3.865e+04	-3.389e+04	-1.081e+05
		-1.385e+05	-3.389e+04	-2.76e-03		152.5	16.94	1580.41	185.21	-3.821e+04	-7417.67	-9637.58
221	71	1.181e+04	-3674.47	-0.03	-0.46	0.0	-25.40	-1588.81	250.15	-4.137e+04	-4.242e+04	-7.024e+04
		-1.058e+05	-4.242e+04	-3.55e-03		152.5	-25.40	1708.07	250.15	-4.097e+04	-3674.47	1.181e+04
221	72	1.034e+05	3.269e+04	0.02	-0.49	0.0	-75.37	-1326.25	-133.67	-5.006e+04	3.269e+04	9.080e+04
		3.424e+04	1.170e+04	-3.29e-03		152.5	-75.37	2382.14	-133.67	-4.969e+04	1.170e+04	1.034e+05
221	74	5.763e+04	4015.21	0.02	-0.47	0.0	-50.39	-1457.53	58.24	-4.572e+04	-4866.43	1.028e+04
		-3.481e+04	-4866.43	-3.42e-03		152.5	-50.39	2045.11	58.24	-4.533e+04	4015.21	5.763e+04
221	75	5.763e+04	4015.21	0.02	-0.47	0.0	-50.39	-1457.53	58.24	-4.572e+04	-4866.43	1.028e+04
		-3.481e+04	-4866.43	-3.42e-03		152.5	-50.39	2045.11	58.24	-4.533e+04	4015.21	5.763e+04
221	76	5.763e+04	4015.21	0.02	-0.47	0.0	-50.39	-1457.53	58.24	-4.572e+04	-4866.43	1.028e+04
		-3.481e+04	-4866.43	-3.42e-03		152.5	-50.39	2045.11	58.24	-4.533e+04	4015.21	5.763e+04
222	1	1.099e+05	8895.57	0.04	-0.64	0.0	-143.83	-3519.68	-90.67	-4.922e+04	8895.57	1.099e+05
		-8.036e+04	-8105.46	-7.56e-03		187.5	-143.83	2415.28	-90.67	-4.886e+04	-8105.46	1.463e+04
222	3	1.031e+05	1.143e+04	0.03	-0.60	0.0	-12.93	-3138.07	-164.86	-4.934e+04	1.143e+04	1.031e+05
		-6.663e+04	-1.948e+04	-5.79e-03		187.5	-12.93	2158.69	-164.86	-4.888e+04	-1.948e+04	1.822e+04
222	4	7.819e+04	9780.31	0.02	-0.46	0.0	14.80	-2368.88	-152.89	-3.791e+04	9780.31	7.819e+04
		-4.986e+04	-1.889e+04	-4.28e-03		187.5	14.80	1630.93	-152.89	-3.754e+04	-1.889e+04	1.430e+04
222	7	8.347e+04	6489.51	0.03	-0.49	0.0	-102.15	-2646.30	-64.38	-3.792e+04	6489.51	8.347e+04
		-5.957e+04	-5581.85	-5.49e-03		187.5	-102.15	1818.94	-64.38	-3.764e+04	-5581.85	1.198e+04
222	8	7.894e+04	8182.40	0.02	-0.46	0.0	-14.88	-2391.90	-113.84	-3.801e+04	8182.40	7.894e+04
		-5.041e+04	-1.316e+04	-4.31e-03		187.5	-14.88	1647.89	-113.84	-3.765e+04	-1.316e+04	1.437e+04
222	30	1.337e+05	1.437e+04	-0.02	-0.49	0.0	-154.49	-2173.13	-176.92	-4.669e+04	1.437e+04	1.337e+05
		-2.663e+04	-2.154e+04	-5.22e-03		187.5	-154.49	2216.11	-176.92	-4.655e+04	-2.154e+04	2.624e+04
222	33	2.501e+04	1.833e+04	0.04	-0.43	0.0	21.59	-2594.69	109.03	-2.980e+04	-4854.97	2.501e+04
		-7.911e+04	-4854.97	-2.98e-03		187.5	21.59	1081.14	109.03	-2.930e+04	1.833e+04	4030.30
222	34	1.492e+05	1.606e+04	-0.02	-0.48	0.0	-138.76	-2157.54	-202.56	-4.492e+04	1.606e+04	1.492e+05
		-2.008e+04	-2.437e+04	-4.49e-03		187.5	-138.76	2304.85	-202.56	-4.469e+04	-2.437e+04	2.377e+04
222	37	9477.41	2.116e+04	0.04	-0.43	0.0	5.85	-2610.28	134.67	-3.157e+04	-6541.13	9477.41
		-8.857e+04	-6541.13	-3.71e-03		187.5	5.85	992.40	134.67	-3.115e+04	2.116e+04	6508.26
222	39	2.946e+04	2.627e+04	-0.04	-0.44	0.0	-28.75	-2501.93	168.86	-3.468e+04	-3374.60	2.946e+04
		-7.875e+04	-3374.60	-4.54e-03		187.5	-28.75	1159.62	168.86	-3.432e+04	2.627e+04	1.059e+04
222	40	1.293e+05	1.289e+04	0.02	-0.48	0.0	-104.16	-2265.89	-236.75	-4.181e+04	1.289e+04	1.293e+05
		-2.543e+04	-2.948e+04	-3.66e-03		187.5	-104.16	2137.63	-236.75	-4.152e+04	-2.948e+04	1.968e+04
222	62	1.337e+05	1.437e+04	-0.02	-0.49	0.0	-154.49	-2173.13	-176.92	-4.669e+04	1.437e+04	1.337e+05
		-2.663e+04	-2.154e+04	-5.22e-03		187.5	-154.49	2216.11	-176.92	-4.655e+04	-2.154e+04	2.624e+04
222	65	2.501e+04	1.833e+04	0.04	-0.43	0.0	21.59	-2594.69	109.03	-2.980e+04	-4854.97	2.501e+04
		-7.911e+04	-4854.97	-2.98e-03		187.5	21.59	1081.14	109.03	-2.930e+04	1.833e+04	4030.30
222	66	1.492e+05	1.606e+04	-0.02	-0.48	0.0	-138.76	-2157.54	-202.56	-4.492e+04	1.606e+04	1.492e+05
		-2.008e+04	-2.437e+04	-4.49e-03		187.5	-138.76	2304.85	-202.56	-4.469e+04	-2.437e+04	2.377e+04
222	69	9477.41	2.116e+04	0.04	-0.43	0.0	5.85	-2610.28	134.67	-3.157e+04	-6541.13	9477.41
		-8.857e+04	-6541.13	-3.71e-03		187.5	5.85	992.40	134.67	-3.115e+04	2.116e+04	6508.26
222	71	2.946e+04	2.627e+04	-0.04	-0.44	0.0	-28.75	-2501.93	168.86	-3.468e+04	-3374.60	2.946e+04
		-7.875e+04	-3374.60	-4.54e-03		187.5	-28.75	1159.62	168.86	-3.432e+04	2.627e+04	1.059e+04
222	72	1.293e+05	1.289e+04	0.02	-0.48	0.0	-104.16	-2265.89	-236.75	-4.181e+04	1.289e+04	1.293e+05
		-2.543e+04	-2.948e+04	-3.66e-03		187.5	-104.16	2137.63	-236.75	-4.152e+04	-2.948e+04	1.968e+04
222	74	7.936e+04	4760.00	0.02	-0.46	0.0	-66.45	-2383.91	-33.94	-3.824e+04	4760.00	7.936e+04
		-4.965e+04	-1604.46	-4.10e-03		187.5	-66.45	1648.63	-33.94	-3.792e+04	-1604.46	1.514e+04
222	75	7.936e+04	4760.00	0.02	-0.46	0.0	-66.45	-2383.91	-33.94	-3.824e+04	4760.00	7.936e+04
		-4.965e+04	-1604.46	-4.10e-03		187.5	-66.45	1648.63	-33.94	-3.792e+04	-1604.46	1.514e+04
222	76	7.936e+04	4760.00	0.02	-0.46	0.0	-66.45	-2383.91	-33.94	-3.824e+04	4760.00	7.936e+04
		-4.965e+04	-1604.46	-4.10e-03		187.5	-66.45	1648.63	-33.94	-3.792e+04	-1604.46	1.514e+04
223	1	2.591e+05	-5206.79	0.01	-0.63	0.0	264.31	-3876.18	12.35	4.346e+04	-8957.40	2.591e+05
		-2.202e+05	-8957.40	-0.01		303.7	264.31	5464.59	12.35	4.609e+04	-5206.79	2.591e+05
223	3	2.052e+05	5954.08	0.02	-0.59	0.0	268.83	-3585.90	84.69	4.202e+04	-1.977e+04	2.630e+04
		-2.097e+05	-1.977e+04	-0.01		303.7	268.83	4838.38	84.69	4.426e+04	5954.08	2.052e+05
223	4	1.505e+05	7879.87	0.01	-0.45	0.0	221.87	-2725.00	88.62	3.212e+04	-1.904e+04	1.991e+04
		-1.606e+05	-1.904e+04	-8.15e-03		303.7	221.87	3645.08	88.62	3.383e+04	7879.87	1.505e+05
223	6	1.582e+05	-1794.92	0.01	-0.45	0.0	127.81	-2708.30	-12.43	3.230e+04	-1794.92	2.206e+04

		-1.559e+05	-5571.72	-6.62e-03		303.7	127.81	3656.33	-12.43	3.380e+04	-5571.72	1.582e+05
223	7	1.921e+05	-4155.13	0.01	-0.48	0.0	191.25	-2934.00	6.62	3.323e+04	-6166.23	2.082e+04
		-1.670e+05	-6166.23	-9.40e-03		303.7	191.25	4108.22	6.62	3.517e+04	-4155.13	2.191e+05
223	8	1.562e+05	3285.45	0.01	-0.45	0.0	194.26	-2740.48	54.85	3.227e+04	-1.337e+04	2.053e+04
		-1.600e+05	-1.337e+04	-7.87e-03		303.7	194.26	3690.74	54.85	3.395e+04	3285.45	1.562e+05
223	9	1.613e+05	-1878.70	0.01	-0.45	0.0	131.56	-2729.35	-12.52	3.239e+04	-1878.70	2.196e+04
		-1.569e+05	-5682.28	-6.86e-03		303.7	131.56	3698.24	-12.52	3.392e+04	-5682.28	1.613e+05
223	30	2.162e+05	8274.31	-0.02	-0.49	0.0	356.49	-2143.08	99.20	2.761e+04	-2.185e+04	3.209e+04
		-1.039e+05	-2.185e+04	-8.45e-03		303.7	356.49	3977.06	99.20	2.943e+04	8274.31	2.162e+05
223	33	1.064e+05	1.809e+04	0.02	-0.42	0.0	-93.37	-3315.62	-124.25	3.716e+04	1.809e+04	1.183e+04
		-2.113e+05	-1.964e+04	-5.26e-03		303.7	-93.37	3419.42	-124.25	3.841e+04	-1.964e+04	1.064e+05
223	34	2.019e+05	9586.69	-0.02	-0.49	0.0	406.67	-2164.55	113.60	2.885e+04	-2.484e+04	2.996e+04
		-1.075e+05	-2.484e+04	-9.38e-03		303.7	406.67	4052.12	113.60	3.026e+04	9586.69	2.019e+05
223	37	1.208e+05	2.108e+04	0.02	-0.41	0.0	-143.55	-3294.15	-138.64	3.592e+04	2.108e+04	1.396e+04
		-2.071e+05	-2.095e+04	-4.34e-03		303.7	-143.55	3344.36	-138.64	3.758e+04	-2.095e+04	1.208e+05
223	39	1.416e+05	2.606e+04	-0.02	-0.42	0.0	-81.86	-3138.37	-169.29	3.266e+04	2.606e+04	2.028e+04
		-1.904e+05	-2.545e+04	-6.27e-03		303.7	-81.86	3407.48	-169.29	3.437e+04	-2.545e+04	1.416e+05
223	40	1.811e+05	1.408e+04	0.02	-0.48	0.0	344.98	-2320.33	144.24	3.211e+04	-2.981e+04	2.365e+04
		-1.233e+05	-2.981e+04	-7.44e-03		303.7	344.98	3989.00	144.24	3.347e+04	1.408e+04	1.811e+05
223	62	2.162e+05	8274.31	-0.02	-0.49	0.0	356.49	-2143.08	99.20	2.761e+04	-2.185e+04	3.209e+04
		-1.039e+05	-2.185e+04	-8.45e-03		303.7	356.49	3977.06	99.20	2.943e+04	8274.31	2.162e+05
223	65	1.064e+05	1.809e+04	0.02	-0.42	0.0	-93.37	-3315.62	-124.25	3.716e+04	1.809e+04	1.183e+04
		-2.113e+05	-1.964e+04	-5.26e-03		303.7	-93.37	3419.42	-124.25	3.841e+04	-1.964e+04	1.064e+05
223	66	2.019e+05	9586.69	-0.02	-0.49	0.0	406.67	-2164.55	113.60	2.885e+04	-2.484e+04	2.996e+04
		-1.075e+05	-2.484e+04	-9.38e-03		303.7	406.67	4052.12	113.60	3.026e+04	9586.69	2.019e+05
223	69	1.208e+05	2.108e+04	0.02	-0.41	0.0	-143.55	-3294.15	-138.64	3.592e+04	2.108e+04	1.396e+04
		-2.071e+05	-2.095e+04	-4.34e-03		303.7	-143.55	3344.36	-138.64	3.758e+04	-2.095e+04	1.208e+05
223	71	1.416e+05	2.606e+04	-0.02	-0.42	0.0	-81.86	-3138.37	-169.29	3.266e+04	2.606e+04	2.028e+04
		-1.904e+05	-2.545e+04	-6.27e-03		303.7	-81.86	3407.48	-169.29	3.437e+04	-2.545e+04	1.416e+05
223	72	1.811e+05	1.408e+04	0.02	-0.48	0.0	344.98	-2320.33	144.24	3.211e+04	-2.981e+04	2.365e+04
		-1.233e+05	-2.981e+04	-7.44e-03		303.7	344.98	3989.00	144.24	3.347e+04	1.408e+04	1.811e+05
223	74	1.613e+05	-1878.70	0.01	-0.45	0.0	131.56	-2729.35	-12.52	3.239e+04	-1878.70	2.196e+04
		-1.569e+05	-5682.28	-6.86e-03		303.7	131.56	3698.24	-12.52	3.392e+04	-5682.28	1.613e+05
223	75	1.613e+05	-1878.70	0.01	-0.45	0.0	131.56	-2729.35	-12.52	3.239e+04	-1878.70	2.196e+04
		-1.569e+05	-5682.28	-6.86e-03		303.7	131.56	3698.24	-12.52	3.392e+04	-5682.28	1.613e+05
223	76	1.613e+05	-1878.70	0.01	-0.45	0.0	131.56	-2729.35	-12.52	3.239e+04	-1878.70	2.196e+04
		-1.569e+05	-5682.28	-6.86e-03		303.7	131.56	3698.24	-12.52	3.392e+04	-5682.28	1.613e+05
224	1	3.036e+04	4460.89	0.02	-0.64	0.0	-289.54	-2732.04	398.46	2.380e+05	-3.538e+04	3.036e+04
		-8.386e+04	-3.538e+04	-4.36e-03		100.0	-289.54	495.68	398.46	2.381e+05	4460.89	-7.997e+04
224	3	2.838e+04	-7673.42	0.02	-0.60	0.0	-270.14	-2517.88	349.60	1.830e+05	-4.263e+04	2.838e+04
		-7.861e+04	-4.263e+04	-3.42e-03		100.0	-270.14	411.69	349.60	1.832e+05	-7673.42	-7.565e+04
224	5	1.940e+04	6205.43	0.02	-0.60	0.0	-125.64	-2408.81	274.08	1.928e+05	-2.120e+04	1.940e+04
		-7.910e+04	-2.120e+04	-3.14e-03		100.0	-125.64	504.11	274.08	1.929e+05	6205.43	-7.466e+04
224	6	1.372e+04	4512.85	0.01	-0.46	0.0	-83.89	-1815.15	200.21	1.428e+05	-1.551e+04	1.372e+04
		-6.026e+04	-1.551e+04	-2.27e-03		100.0	-83.89	387.65	200.21	1.429e+05	4512.85	-5.679e+04
224	7	2.170e+04	3497.10	0.02	-0.49	0.0	-200.37	-2051.99	289.13	1.761e+05	-2.542e+04	2.170e+04
		-6.375e+04	-2.542e+04	-3.16e-03		100.0	-200.37	382.10	289.13	1.762e+05	3497.10	-6.069e+04
224	8	2.038e+04	-4592.44	0.01	-0.46	0.0	-187.43	-1909.22	256.56	1.394e+05	-3.025e+04	2.038e+04
		-6.025e+04	-3.025e+04	-2.54e-03		100.0	-187.43	326.11	256.56	1.396e+05	-4592.44	-5.781e+04
224	9	1.440e+04	4660.12	0.01	-0.46	0.0	-91.10	-1836.51	206.21	1.459e+05	-1.596e+04	1.440e+04
		-6.059e+04	-1.596e+04	-2.35e-03		100.0	-91.10	387.72	206.21	1.460e+05	4660.12	-5.715e+04
224	34	9.348e+04	-1.018e+04	-0.01	-0.49	0.0	-382.05	-1068.74	552.71	9.437e+04	-6.740e+04	9.348e+04
		-5.380e+04	-6.740e+04	-2.70e-03		100.0	-382.05	1372.12	552.71	9.450e+04	-1.018e+04	-4.657e+04
224	37	-6.468e+04	3.548e+04	0.03	-0.43	0.0	199.85	-2604.28	-140.29	1.974e+05	3.548e+04	-6.468e+04
		-8.800e+04	1.950e+04	-2.00e-03		100.0	199.85	-596.69	-140.29	1.975e+05	1.950e+04	-6.772e+04
224	38	9.049e+04	-9852.74	-0.01	-0.49	0.0	-382.69	-1090.68	551.42	9.501e+04	-6.776e+04	9.049e+04
		-5.424e+04	-6.776e+04	-2.66e-03		100.0	-382.69	1338.73	551.42	9.512e+04	-9852.74	-4.658e+04
224	41	-6.169e+04	3.584e+04	0.03	-0.43	0.0	200.49	-2582.33	-139.00	1.968e+05	3.584e+04	-6.169e+04
		-8.614e+04	1.917e+04	-2.04e-03		100.0	200.49	-563.29	-139.00	1.969e+05	1.917e+04	-6.772e+04
224	66	9.348e+04	-1.018e+04	-0.01	-0.49	0.0	-382.05	-1068.74	552.71	9.437e+04	-6.740e+04	9.348e+04
		-5.380e+04	-6.740e+04	-2.70e-03		100.0	-382.05	1372.12	552.71	9.450e+04	-1.018e+04	-4.657e+04
224	69	-6.468e+04	3.584e+04	0.03	-0.43	0.0	199.85	-2604.28	-140.29	1.974e+05	3.548e+04	-6.468e+04
		-8.800e+04	1.950e+04	-2.00e-03		100.0	199.85	-596.69	-140.29	1.975e+05	1.950e+04	-6.772e+04
224	70	9.049e+04	-9852.74	-0.01	-0.49	0.0	-382.69	-1090.68	551.42	9.501e+04	-6.776e+04	9.049e+04
		-5.424e+04	-6.776e+04	-2.66e-03		100.0	-382.69	1338.73	551.42	9.512e+04	-9852.74	-4.658e+04
224	73	-6.169e+04	3.584e+04	0.03	-0.43	0.0	200.49	-2582.33	-139.00	1.968e+05	3.584e+04	-6.169e+04
		-8.614e+04	1.917e+04	-2.04e-03		100.0	200.49	-563.29	-139.00	1.969e+05	1.917e+04	-6.772e+04
224	74	1.440e+04	4660.12	0.01	-0.46	0.0	-91.10	-1836.51	206.21	1.459e+05	-1.596e+04	1.440e+04
		-6.059e+04	-1.596e+04	-2.35e-03		100.0	-91.10	387.72	206.21	1.460e+05	4660.12	-5.715e+04
224	75	1.440e+04	4660.12	0.01	-0.46	0.0	-91.10	-1836.51	206.21	1.459e+05	-1.596e+04	1.440e+04
		-6.059e+04	-1.596e+04	-2.35e-03		100.0	-91.10	387.72	206.21	1.460e+05	4660.12	-5.715e+04
224	76	1.440e+04	4660.12	0.01	-0.46	0.0	-91.10	-1836.51	206.21	1.459e+05	-1.596e+04	1.440e+04
		-6.059e+04	-1.596e+04	-2.35e-03		100.0	-91.10	387.72	206.21	1.460e+05	4660.12	-5.715e+04
225	1	9.861e+05	2788.02	-0.05	-0.69	0.0	-1110.73	-8736.53	134.76	-5.088e+04	-2.955e+04	9.861e+05
		-7.349e+04	-2.955e+04	-9.63e-03		240.0	-1110.73	-261.27	134.76	-5.082e+04	2788.02	-7.349e+04
225	3	9.297e+05	-3810.95	-0.04	-0.65	0.0	-929.97	-8113.74	4.22	-3.565e+04	-4823.69	9.297e+05
		-8.124e+04	-4823.69	-7.39e-03		240.0	-929.97	-455.12	4.22	-3.534e+04	-3810.95	-8.124e+04

225	6	6.905e+05	-965.33	-0.03	-0.49	0.0	-425.29	-6040.26	46.42	-3.192e+04	-1.211e+04	6.905e+05
		-6.166e+04	-1.211e+04	-5.05e-03		240.0	-425.29	-326.03	46.42	-3.173e+04	-965.33	-6.166e+04
225	7	7.466e+05	1593.78	-0.04	-0.53	0.0	-784.18	-6601.71	93.52	-3.786e+04	-2.085e+04	7.466e+05
		-5.741e+04	-2.085e+04	-7.00e-03		240.0	-784.18	-221.91	93.52	-3.779e+04	1593.78	-5.741e+04
225	8	7.090e+05	-2805.53	-0.03	-0.50	0.0	-663.67	-6186.52	6.49	-2.771e+04	-4363.47	7.090e+05
		-6.258e+04	-4363.47	-5.51e-03		240.0	-663.67	-351.14	6.49	-2.747e+04	-2805.53	-6.258e+04
225	9	6.960e+05	-709.97	-0.03	-0.49	0.0	-449.69	-6092.78	51.12	-3.250e+04	-1.298e+04	6.960e+05
		-6.129e+04	-1.298e+04	-5.23e-03		240.0	-449.69	-318.05	51.12	-3.232e+04	-709.97	-6.129e+04
225	18	7.250e+05	1.268e+04	-0.04	-0.50	0.0	-888.89	-5786.33	172.97	-6.730e+04	-3.069e+04	7.250e+05
		-1.903e+04	-3.069e+04	-7.44e-03		240.0	-888.89	-189.42	172.97	-6.703e+04	1.268e+04	-1.903e+04
225	34	7.445e+05	1.454e+04	-0.02	-0.51	0.0	-1240.70	-5708.96	148.80	-6.759e+04	-2.303e+04	7.445e+05
		2.681e+04	-2.303e+04	-5.91e-03		240.0	-1240.70	-184.16	148.80	-6.739e+04	1.454e+04	2.681e+04
225	37	6.474e+05	-2928.19	0.05	-0.48	0.0	341.32	-6476.60	-46.55	2580.71	-2928.19	6.474e+05
		-1.494e+05	-1.596e+04	-4.55e-03		240.0	341.32	-451.94	-46.55	2749.00	-1.596e+04	-1.494e+05
225	50	7.250e+05	1.268e+04	-0.04	-0.50	0.0	-888.89	-5786.33	172.97	-6.730e+04	-3.069e+04	7.250e+05
		-1.903e+04	-3.069e+04	-7.44e-03		240.0	-888.89	-189.42	172.97	-6.703e+04	1.268e+04	-1.903e+04
225	66	7.445e+05	1.454e+04	-0.02	-0.51	0.0	-1240.70	-5708.96	148.80	-6.759e+04	-2.303e+04	7.445e+05
		2.681e+04	-2.303e+04	-5.91e-03		240.0	-1240.70	-184.16	148.80	-6.739e+04	1.454e+04	2.681e+04
225	69	6.474e+05	-2928.19	0.05	-0.48	0.0	341.32	-6476.60	-46.55	2580.71	-2928.19	6.474e+05
		-1.494e+05	-1.596e+04	-4.55e-03		240.0	341.32	-451.94	-46.55	2749.00	-1.596e+04	-1.494e+05
225	74	6.960e+05	-709.97	-0.03	-0.49	0.0	-449.69	-6092.78	51.12	-3.250e+04	-1.298e+04	6.960e+05
		-6.129e+04	-1.298e+04	-5.23e-03		240.0	-449.69	-318.05	51.12	-3.232e+04	-709.97	-6.129e+04
225	75	6.960e+05	-709.97	-0.03	-0.49	0.0	-449.69	-6092.78	51.12	-3.250e+04	-1.298e+04	6.960e+05
		-6.129e+04	-1.298e+04	-5.23e-03		240.0	-449.69	-318.05	51.12	-3.232e+04	-709.97	-6.129e+04
225	76	6.960e+05	-709.97	-0.03	-0.49	0.0	-449.69	-6092.78	51.12	-3.250e+04	-1.298e+04	6.960e+05
		-6.129e+04	-1.298e+04	-5.23e-03		240.0	-449.69	-318.05	51.12	-3.232e+04	-709.97	-6.129e+04
226	1	-6.322e+04	2.612e+04	9.33e-03	-0.75	0.0	630.97	-741.29	244.61	6.193e+04	8022.99	-1.208e+05
		-1.275e+05	8022.99	-2.91e-03		74.0	630.97	2288.30	244.61	6.179e+04	2.612e+04	-6.322e+04
226	4	-4.209e+04	2721.29	5.72e-03	-0.53	0.0	314.88	-516.36	287.57	3.716e+04	-1.856e+04	-8.004e+04
		-8.481e+04	-1.856e+04	-2.14e-03		74.0	314.88	1536.41	287.57	3.714e+04	2721.29	-4.209e+04
226	6	-4.061e+04	9015.50	4.65e-03	-0.51	0.0	419.52	-472.07	162.48	3.404e+04	-3008.41	-7.932e+04
		-8.343e+04	-3008.41	-1.52e-03		74.0	419.52	1513.58	162.48	3.402e+04	9015.50	-4.061e+04
226	7	-4.724e+04	1.822e+04	6.76e-03	-0.56	0.0	473.45	-553.75	183.69	4.529e+04	4631.80	-9.054e+04
		-9.549e+04	4631.80	-2.11e-03		74.0	473.45	1717.37	183.69	4.520e+04	1.822e+04	-4.724e+04
226	8	-4.220e+04	5556.81	5.53e-03	-0.53	0.0	355.63	-507.95	247.84	3.711e+04	-1.278e+04	-8.087e+04
		-8.548e+04	-1.278e+04	-1.98e-03		74.0	355.63	1547.50	247.84	3.708e+04	5556.81	-4.220e+04
226	9	-4.122e+04	9752.95	4.82e-03	-0.52	0.0	425.39	-478.43	164.45	3.503e+04	-2416.40	-8.039e+04
		-8.456e+04	-2416.40	-1.57e-03		74.0	425.39	1532.29	164.45	3.500e+04	9752.95	-4.122e+04
226	18	-3.634e+04	1.891e+04	-8.38e-03	-0.52	0.0	472.11	-438.49	304.95	2.854e+04	-9603.17	-7.288e+04
		-7.773e+04	-9603.17	-2.32e-03		74.0	472.11	1575.14	304.95	2.856e+04	1.891e+04	-3.634e+04
226	30	-3.672e+04	1.915e+04	-6.35e-03	-0.52	0.0	285.53	-422.18	352.34	2.862e+04	1.114e+04	-7.262e+04
		-7.771e+04	1.114e+04	-2.24e-03		74.0	285.53	1588.47	352.34	2.860e+04	1.915e+04	-3.672e+04
226	31	-4.340e+04	4535.56	9.42e-03	-0.51	0.0	623.73	-519.48	32.03	3.844e+04	-2.339e+04	-8.474e+04
		-8.827e+04	-2.339e+04	-1.27e-03		74.0	623.73	1493.24	32.03	3.842e+04	4535.56	-4.340e+04
226	33	-4.572e+04	354.92	0.01	-0.51	0.0	565.26	-534.68	-23.44	4.145e+04	-1.597e+04	-8.815e+04
		-9.147e+04	-1.597e+04	-9.04e-04		74.0	565.26	1476.10	-23.44	4.140e+04	354.92	-4.572e+04
226	39	-4.279e+04	9135.48	0.01	-0.51	0.0	636.31	-517.54	29.04	3.914e+04	9135.48	-8.436e+04
		-8.787e+04	6953.55	-1.31e-03		74.0	636.31	1502.18	29.04	3.908e+04	6953.55	-4.279e+04
226	40	-3.964e+04	1.255e+04	-5.51e-03	-0.52	0.0	214.47	-439.31	299.86	3.093e+04	-1.397e+04	-7.641e+04
		-8.125e+04	-1.397e+04	-1.83e-03		74.0	214.47	1562.39	299.86	3.092e+04	1.255e+04	-3.964e+04
226	50	-3.634e+04	1.891e+04	-8.38e-03	-0.52	0.0	472.11	-438.49	304.95	2.854e+04	-9603.17	-7.288e+04
		-7.773e+04	-9603.17	-2.32e-03		74.0	472.11	1575.14	304.95	2.856e+04	1.891e+04	-3.634e+04
226	62	-3.672e+04	1.915e+04	-6.35e-03	-0.52	0.0	285.53	-422.18	352.34	2.862e+04	1.114e+04	-7.262e+04
		-7.771e+04	1.114e+04	-2.24e-03		74.0	285.53	1588.47	352.34	2.860e+04	1.915e+04	-3.672e+04
226	63	-4.340e+04	4535.56	9.42e-03	-0.51	0.0	623.73	-519.48	32.03	3.844e+04	-2.339e+04	-8.474e+04
		-8.827e+04	-2.339e+04	-1.27e-03		74.0	623.73	1493.24	32.03	3.842e+04	4535.56	-4.340e+04
226	65	-4.572e+04	354.92	0.01	-0.51	0.0	565.26	-534.68	-23.44	4.145e+04	-1.597e+04	-8.815e+04
		-9.147e+04	-1.597e+04	-9.04e-04		74.0	565.26	1476.10	-23.44	4.140e+04	354.92	-4.572e+04
226	71	-4.279e+04	9135.48	0.01	-0.51	0.0	636.31	-517.54	29.04	3.914e+04	9135.48	-8.436e+04
		-8.787e+04	6953.55	-1.31e-03		74.0	636.31	1502.18	29.04	3.908e+04	6953.55	-4.279e+04
226	72	-3.964e+04	1.255e+04	-5.51e-03	-0.52	0.0	214.47	-439.31	299.86	3.093e+04	-1.397e+04	-7.641e+04
		-8.125e+04	-1.397e+04	-1.83e-03		74.0	214.47	1562.39	299.86	3.092e+04	1.255e+04	-3.964e+04
226	74	-4.122e+04	9752.95	4.82e-03	-0.52	0.0	425.39	-478.43	164.45	3.503e+04	-2416.40	-8.039e+04
		-8.456e+04	-2416.40	-1.57e-03		74.0	425.39	1532.29	164.45	3.500e+04	9752.95	-4.122e+04
226	75	-4.122e+04	9752.95	4.82e-03	-0.52	0.0	425.39	-478.43	164.45	3.503e+04	-2416.40	-8.039e+04
		-8.456e+04	-2416.40	-1.57e-03		74.0	425.39	1532.29	164.45	3.500e+04	9752.95	-4.122e+04
226	76	-4.122e+04	9752.95	4.82e-03	-0.52	0.0	425.39	-478.43	164.45	3.503e+04	-2416.40	-8.039e+04
		-8.456e+04	-2416.40	-1.57e-03		74.0	425.39	1532.29	164.45	3.500e+04	9752.95	-4.122e+04
227	1	1.277e+06	6.154e+04	0.02	-0.70	0.0	961.34	-654.83	343.20	-2.501e+04	-4.270e+04	-1.898e+05
		-1.958e+05	-4.270e+04	-0.01		303.7	961.34	1.042e+04	343.20	-2.263e+04	6.154e+04	1.277e+06
227	4	8.633e+05	3.888e+04	0.02	-0.50	0.0	219.88	-441.77	202.51	-1.394e+04	-2.262e+04	1.259e+05
		-1.300e+05	-2.262e+04	-8.27e-03		303.7	219.88	7049.92	202.51	-1.243e+04	3.888e+04	8.633e+05
227	7	9.590e+05	4.341e+04	0.02	-0.53	0.0	691.21	-492.10	241.50	-1.791e+04	-2.994e+04	-1.421e+05
		-1.466e+05	-2.994e+04	-9.50e-03		303.7	691.21	7822.81	241.50	-1.617e+04	4.341e+04	9.590e+05
227	8	8.682e+05	3.481e+04	0.02	-0.50	0.0	323.32	-444.66	183.47	-1.372e+04	-2.092e+04	-1.267e+05
		-1.308e+05	-2.092e+04	-7.98e-03		303.7	323.32	7087.50	183.47	-1.224e+04	3.481e+04	8.682e+05
227	18	9.064e+05	2.124e+04	-0.04	-0.51	0.0	932.74	-257.75	105.99	-1.421e+04	-1.023e+04	-1.043e+05

		-1.109e+05	-1.023e+04	-8.57e-03		303.7	932.74	7338.98	105.99	-1.282e+04	2.124e+04	9.064e+05
227	21	8.097e+05	2.707e+04	0.04	-0.48	0.0	40.30	-623.74	156.15	-1.006e+04	-2.109e+04	-1.456e+05
		-1.476e+05	-2.109e+04	-5.26e-03		303.7	40.30	6660.92	156.15	-8755.25	2.707e+04	8.097e+05
227	32	9.217e+05	6.291e+04	0.02	-0.51	0.0	668.10	-309.46	341.00	-1.498e+04	-4.133e+04	-1.107e+05
		-1.175e+05	-4.133e+04	-7.83e-03		303.7	668.10	7391.36	341.00	-1.333e+04	6.291e+04	9.217e+05
227	34	9.504e+05	5.932e+04	-0.03	-0.51	0.0	783.36	-227.50	307.54	-1.500e+04	-3.389e+04	-9.704e+04
		-1.052e+05	-3.389e+04	-9.56e-03		303.7	783.36	7578.40	307.54	-1.342e+04	5.932e+04	9.504e+05
227	37	7.656e+05	2582.03	0.03	-0.48	0.0	189.69	-653.99	-45.40	-9259.51	2582.03	-1.529e+05
		-1.540e+05	-1.101e+04	-4.28e-03		303.7	189.69	6421.50	-45.40	-8154.80	-1.101e+04	7.656e+05
227	40	9.289e+05	6.689e+04	0.02	-0.51	0.0	574.67	-313.71	353.91	-1.340e+04	-4.096e+04	-1.068e+05
		-1.138e+05	-4.096e+04	-7.60e-03		303.7	574.67	7443.67	353.91	-1.188e+04	6.689e+04	9.289e+05
227	50	9.064e+05	2.124e+04	-0.04	-0.51	0.0	932.74	-257.75	105.99	-1.421e+04	-1.023e+04	-1.043e+05
		-1.109e+05	-1.023e+04	-8.57e-03		303.7	932.74	7338.98	105.99	-1.282e+04	2.124e+04	9.064e+05
227	53	8.097e+05	2.707e+04	0.04	-0.48	0.0	40.30	-623.74	156.15	-1.006e+04	-2.109e+04	-1.456e+05
		-1.476e+05	-2.109e+04	-5.26e-03		303.7	40.30	6660.92	156.15	-8755.25	2.707e+04	8.097e+05
227	64	9.217e+05	6.291e+04	0.02	-0.51	0.0	668.10	-309.46	341.00	-1.498e+04	-4.133e+04	-1.107e+05
		-1.175e+05	-4.133e+04	-7.83e-03		303.7	668.10	7391.36	341.00	-1.333e+04	6.291e+04	9.217e+05
227	66	9.504e+05	5.932e+04	-0.03	-0.51	0.0	783.36	-227.50	307.54	-1.500e+04	-3.389e+04	-9.704e+04
		-1.052e+05	-3.389e+04	-9.56e-03		303.7	783.36	7578.40	307.54	-1.342e+04	5.932e+04	9.504e+05
227	69	7.656e+05	2582.03	0.03	-0.48	0.0	189.69	-653.99	-45.40	-9259.51	2582.03	-1.529e+05
		-1.540e+05	-1.101e+04	-4.28e-03		303.7	189.69	6421.50	-45.40	-8154.80	-1.101e+04	7.656e+05
227	72	9.289e+05	6.689e+04	0.02	-0.51	0.0	574.67	-313.71	353.91	-1.340e+04	-4.096e+04	-1.068e+05
		-1.138e+05	-4.096e+04	-7.60e-03		303.7	574.67	7443.67	353.91	-1.188e+04	6.689e+04	9.289e+05
227	74	8.580e+05	2.415e+04	0.02	-0.49	0.0	486.52	-440.74	131.07	-1.213e+04	-1.566e+04	-1.250e+05
		-1.291e+05	-1.566e+04	-6.92e-03		303.7	486.52	6999.95	131.07	-1.079e+04	2.415e+04	8.580e+05
227	75	8.580e+05	2.415e+04	0.02	-0.49	0.0	486.52	-440.74	131.07	-1.213e+04	-1.566e+04	-1.250e+05
		-1.291e+05	-1.566e+04	-6.92e-03		303.7	486.52	6999.95	131.07	-1.079e+04	2.415e+04	8.580e+05
227	76	8.580e+05	2.415e+04	0.02	-0.49	0.0	486.52	-440.74	131.07	-1.213e+04	-1.566e+04	-1.250e+05
		-1.291e+05	-1.566e+04	-6.92e-03		303.7	486.52	6999.95	131.07	-1.079e+04	2.415e+04	8.580e+05
229	1	-1.492e+05	1.203e+04	-4.65e-03	-0.76	0.0	-1248.61	393.31	372.05	3495.14	-1.362e+04	-2.272e+05
		-2.272e+05	-1.362e+04	-1.30e-03		68.9	-1248.61	1867.50	372.05	3670.26	1.203e+04	-1.492e+05
229	2	-1.194e+05	7685.05	-3.84e-03	-0.60	0.0	-905.23	261.01	282.94	3136.70	-1.182e+04	-1.767e+05
		-1.767e+05	-1.182e+04	-9.69e-04		68.9	-905.23	1396.08	282.94	3286.90	7685.05	-1.194e+05
229	3	-1.575e+05	2.612e+04	-2.28e-03	-0.70	0.0	-1764.23	1164.57	484.11	-4418.06	-7259.91	-2.911e+05
		-2.911e+05	-7259.91	-1.90e-03		68.9	-1764.23	2708.64	484.11	-4283.42	2.612e+04	-1.575e+05
229	5	-1.120e+05	2.249e+04	-2.36e-03	-0.69	0.0	-1783.38	692.51	396.28	-1052.11	-4833.44	-2.109e+05
		-2.109e+05	-4833.44	-1.50e-03		68.9	-1783.38	2174.74	396.28	-979.25	2.249e+04	-1.120e+05
229	6	-8.227e+04	1.815e+04	-1.55e-03	-0.52	0.0	-1440.00	560.20	307.18	-1410.55	-3031.86	-1.603e+05
		-1.603e+05	-3031.86	-1.18e-03		68.9	-1440.00	1703.32	307.18	-1362.61	1.815e+04	-8.227e+04
229	7	-1.092e+05	1.069e+04	-3.22e-03	-0.58	0.0	-1044.96	345.19	289.70	1960.78	-9280.30	-1.723e+05
		-1.723e+05	-9280.30	-1.03e-03		68.9	-1044.96	1481.29	289.70	2081.47	1.069e+04	-1.092e+05
229	8	-1.148e+05	2.009e+04	-1.65e-03	-0.53	0.0	-1388.70	859.37	364.40	-3314.69	-5037.35	-2.149e+05
		-2.149e+05	-5037.35	-1.43e-03		68.9	-1388.70	2042.04	364.40	-3220.98	2.009e+04	-1.148e+05
229	9	-8.446e+04	1.767e+04	-1.70e-03	-0.52	0.0	-1401.47	544.66	305.85	-1070.72	-3419.70	-1.614e+05
		-1.614e+05	-3419.70	-1.17e-03		68.9	-1401.47	1686.11	305.85	-1018.20	1.767e+04	-8.446e+04
229	18	-4.356e+04	3.159e+04	-0.02	-0.54	0.0	1015.15	1261.50	409.94	-2.150e+04	3.159e+04	-7.260e+04
		-7.344e+04	2.968e+04	-1.73e-03		68.9	1015.15	2365.78	409.94	-2.137e+04	2.968e+04	-4.356e+04
229	19	-6.181e+04	3.683e+04	-0.02	-0.53	0.0	386.88	887.26	603.60	-1.028e+04	1.569e+04	-1.167e+05
		-1.167e+05	1.569e+04	-1.96e-03		68.9	386.88	1990.21	603.60	-1.021e+04	3.683e+04	-6.181e+04
229	21	-1.254e+05	5657.57	0.02	-0.52	0.0	-3818.09	-172.19	201.76	1.936e+04	-3.843e+04	-2.502e+05
		-2.502e+05	-3.843e+04	-6.03e-04		68.9	-3818.09	1006.45	201.76	1.934e+04	5657.57	-1.254e+05
229	25	-1.251e+05	-338.24	0.02	-0.52	0.0	-3720.75	-155.46	218.75	2.130e+04	-3.851e+04	-2.488e+05
		-2.488e+05	-3.851e+04	-6.69e-04		68.9	-3720.75	1022.27	218.75	2.126e+04	-338.24	-1.251e+05
229	33	-1.244e+05	2.492e+04	5.91e-03	-0.52	0.0	-3079.33	-238.00	568.33	2.207e+04	-3.804e+04	-2.549e+05
		-2.549e+05	-3.804e+04	-1.35e-03		68.9	-3079.33	912.60	568.33	2.202e+04	2.492e+04	-1.244e+05
229	50	-4.356e+04	3.159e+04	-0.02	-0.54	0.0	1015.15	1261.50	409.94	-2.150e+04	3.159e+04	-7.260e+04
		-7.344e+04	2.968e+04	-1.73e-03		68.9	1015.15	2365.78	409.94	-2.137e+04	2.968e+04	-4.356e+04
229	51	-6.181e+04	3.683e+04	-0.02	-0.53	0.0	386.88	887.26	603.60	-1.028e+04	1.569e+04	-1.167e+05
		-1.167e+05	1.569e+04	-1.96e-03		68.9	386.88	1990.21	603.60	-1.021e+04	3.683e+04	-6.181e+04
229	53	-1.254e+05	5657.57	0.02	-0.52	0.0	-3818.09	-172.19	201.76	1.936e+04	-3.843e+04	-2.502e+05
		-2.502e+05	-3.843e+04	-6.03e-04		68.9	-3818.09	1006.45	201.76	1.934e+04	5657.57	-1.254e+05
229	57	-1.251e+05	-338.24	0.02	-0.52	0.0	-3720.75	-155.46	218.75	2.130e+04	-3.851e+04	-2.488e+05
		-2.488e+05	-3.851e+04	-6.69e-04		68.9	-3720.75	1022.27	218.75	2.126e+04	-338.24	-1.251e+05
229	65	-1.244e+05	2.492e+04	5.91e-03	-0.52	0.0	-3079.33	-238.00	568.33	2.207e+04	-3.804e+04	-2.549e+05
		-2.549e+05	-3.804e+04	-1.35e-03		68.9	-3079.33	912.60	568.33	2.202e+04	2.492e+04	-1.244e+05
229	74	-8.446e+04	1.767e+04	-1.70e-03	-0.52	0.0	-1401.47	544.66	305.85	-1070.72	-3419.70	-1.614e+05
		-1.614e+05	-3419.70	-1.17e-03		68.9	-1401.47	1686.11	305.85	-1018.20	1.767e+04	-8.446e+04
229	75	-8.446e+04	1.767e+04	-1.70e-03	-0.52	0.0	-1401.47	544.66	305.85	-1070.72	-3419.70	-1.614e+05
		-1.614e+05	-3419.70	-1.17e-03		68.9	-1401.47	1686.11	305.85	-1018.20	1.767e+04	-8.446e+04
229	76	-8.446e+04	1.767e+04	-1.70e-03	-0.52	0.0	-1401.47	544.66	305.85	-1070.72	-3419.70	-1.614e+05
		-1.614e+05	-3419.70	-1.17e-03		68.9	-1401.47	1686.11	305.85	-1018.20	1.767e+04	-8.446e+04
232	1	5.847e+05	4882.71	-1.52e-03	-0.70	0.0	7124.40	-5361.49	-306.29	-2.846e+04	4882.71	5.847e+05
		2.862e+05	-1.826e+04	-2.50e-03		75.6	7124.40	-2542.78	-306.29	-2.793e+04	-1.826e+04	2.862e+05
232	4	3.989e+05	1.998e+04	-4.61e-04	-0.50	0.0	4454.14	-3659.77	-283.71	-3.225e+04	1.998e+04	3.989e+05
		1.956e+05	-1452.31	-1.30e-03		75.6	4454.14	-1720.56	-283.71	-3.193e+04	-1452.31	1.956e+05
232	6	3.930e+05	-461.09	-1.54e-04	-0.49	0.0	4673.61	-3578.13	-126.05	-2.317e+04	-461.09	3.930e+05
		1.943e+05	-9984.38	-1.39e-03		75.6	4673.61	-1682.10	-126.05	-2.289e+04	-9984.38	1.943

232	7	4.399e+05	3192.90	-9.53e-04	-0.53	0.0	5339.40	-4029.74	-218.12	-2.215e+04	3192.90	4.399e+05
		2.157e+05	-1.329e+04	-1.83e-03		75.6	5339.40	-1908.62	-218.12	-2.176e+04	-1.329e+04	2.157e+05
232	8	4.012e+05	1.317e+04	-2.47e-04	-0.50	0.0	4589.82	-3673.18	-236.56	-2.907e+04	1.317e+04	4.012e+05
		1.972e+05	-4703.22	-1.37e-03		75.6	4589.82	-1728.08	-236.56	-2.876e+04	-4703.22	1.972e+05
232	9	3.973e+05	-459.67	-1.48e-04	-0.50	0.0	4736.14	-3618.75	-131.45	-2.302e+04	-459.67	3.973e+05
		1.963e+05	-1.039e+04	-1.44e-03		75.6	4736.14	-1702.44	-131.45	-2.273e+04	-1.039e+04	1.963e+05
232	13	3.731e+05	-2.060e+04	7.73e-03	-0.49	0.0	4323.46	-3932.20	78.36	2.821e+04	-2.641e+04	3.731e+05
		1.885e+05	-2.641e+04	-9.86e-04		75.6	4323.46	-1966.95	78.36	2.863e+04	-2.060e+04	1.885e+05
232	18	4.142e+05	2.746e+04	-6.71e-03	-0.50	0.0	5172.13	-3399.21	-355.66	-6.696e+04	2.746e+04	4.142e+05
		2.026e+05	707.21	-1.89e-03		75.6	5172.13	-1521.32	-355.66	-6.678e+04	707.21	2.026e+05
232	21	3.804e+05	-2.149e+04	6.70e-03	-0.49	0.0	4300.15	-3838.29	92.75	2.092e+04	-2.838e+04	3.804e+05
		1.900e+05	-2.838e+04	-9.77e-04		75.6	4300.15	-1883.55	92.75	2.133e+04	-2.149e+04	1.900e+05
232	34	4.297e+05	4.959e+04	-2.66e-03	-0.51	0.0	5021.25	-3176.11	-546.41	-7.669e+04	4.959e+04	4.297e+05
		2.015e+05	8346.47	-1.06e-03		75.6	5021.25	-1341.92	-546.41	-7.661e+04	8346.47	2.015e+05
232	38	4.275e+05	5.018e+04	-2.35e-03	-0.51	0.0	5028.24	-3204.28	-550.72	-7.450e+04	5.018e+04	4.275e+05
		2.011e+05	8612.70	-1.06e-03		75.6	5028.24	-1366.93	-550.72	-7.441e+04	8612.70	2.011e+05
232	41	3.671e+05	-2.940e+04	2.34e-03	-0.48	0.0	4444.04	-4033.22	287.82	2.846e+04	-5.110e+04	3.671e+05
		1.915e+05	-5.110e+04	-1.81e-03		75.6	4444.04	-2037.94	287.82	2.896e+04	-2.940e+04	1.915e+05
232	45	3.731e+05	-2.060e+04	7.73e-03	-0.49	0.0	4323.46	-3932.20	78.36	2.821e+04	-2.641e+04	3.731e+05
		1.885e+05	-2.641e+04	-9.86e-04		75.6	4323.46	-1966.95	78.36	2.863e+04	-2.060e+04	1.885e+05
232	50	4.142e+05	2.746e+04	-6.71e-03	-0.50	0.0	5172.13	-3399.21	-355.66	-6.696e+04	2.746e+04	4.142e+05
		2.026e+05	707.21	-1.89e-03		75.6	5172.13	-1521.32	-355.66	-6.678e+04	707.21	2.026e+05
232	53	3.804e+05	-2.149e+04	6.70e-03	-0.49	0.0	4300.15	-3838.29	92.75	2.092e+04	-2.838e+04	3.804e+05
		1.900e+05	-2.838e+04	-9.77e-04		75.6	4300.15	-1883.55	92.75	2.133e+04	-2.149e+04	1.900e+05
232	66	4.297e+05	4.959e+04	-2.66e-03	-0.51	0.0	5021.25	-3176.11	-546.41	-7.669e+04	4.959e+04	4.297e+05
		2.015e+05	8346.47	-1.06e-03		75.6	5021.25	-1341.92	-546.41	-7.661e+04	8346.47	2.015e+05
232	70	4.275e+05	5.018e+04	-2.35e-03	-0.51	0.0	5028.24	-3204.28	-550.72	-7.450e+04	5.018e+04	4.275e+05
		2.011e+05	8612.70	-1.06e-03		75.6	5028.24	-1366.93	-550.72	-7.441e+04	8612.70	2.011e+05
232	73	3.671e+05	-2.940e+04	2.34e-03	-0.48	0.0	4444.04	-4033.22	287.82	2.846e+04	-5.110e+04	3.671e+05
		1.915e+05	-5.110e+04	-1.81e-03		75.6	4444.04	-2037.94	287.82	2.896e+04	-2.940e+04	1.915e+05
232	74	3.973e+05	-459.67	-1.48e-04	-0.50	0.0	4736.14	-3618.75	-131.45	-2.302e+04	-459.67	3.973e+05
		1.963e+05	-1.039e+04	-1.44e-03		75.6	4736.14	-1702.44	-131.45	-2.273e+04	-1.039e+04	1.963e+05
232	75	3.973e+05	-459.67	-1.48e-04	-0.50	0.0	4736.14	-3618.75	-131.45	-2.302e+04	-459.67	3.973e+05
		1.963e+05	-1.039e+04	-1.44e-03		75.6	4736.14	-1702.44	-131.45	-2.273e+04	-1.039e+04	1.963e+05
232	76	3.973e+05	-459.67	-1.48e-04	-0.50	0.0	4736.14	-3618.75	-131.45	-2.302e+04	-459.67	3.973e+05
		1.963e+05	-1.039e+04	-1.44e-03		75.6	4736.14	-1702.44	-131.45	-2.273e+04	-1.039e+04	1.963e+05
233	1	2.599e+05	-7158.46	2.90e-03	-0.77	0.0	2702.54	-2394.70	37.95	-1.877e+05	-9774.70	2.599e+05
		1.922e+05	-9774.70	-2.76e-03		68.9	2702.54	521.73	37.95	-1.870e+05	-7158.46	1.954e+05
233	4	1.702e+05	6277.68	2.73e-04	-0.53	0.0	1785.03	-1584.34	-105.75	-1.205e+05	6277.68	1.702e+05
		1.257e+05	-1013.20	-1.74e-03		68.9	1785.03	357.15	-105.75	-1.201e+05	-1013.20	1.279e+05
233	6	1.635e+05	-741.16	4.94e-04	-0.52	0.0	1663.84	-1547.31	-17.33	-1.162e+05	-741.16	1.635e+05
		1.196e+05	-1936.32	-1.38e-03		68.9	1663.84	332.52	-17.33	-1.159e+05	-1936.32	1.216e+05
233	7	1.936e+05	-4914.57	1.93e-03	-0.58	0.0	2008.02	-1790.82	21.36	-1.395e+05	-6387.06	1.936e+05
		1.430e+05	-6387.06	-1.99e-03		68.9	2008.02	390.06	21.36	-1.390e+05	-4914.57	1.454e+05
233	8	1.707e+05	3510.14	4.72e-04	-0.53	0.0	1773.72	-1594.42	-73.22	-1.212e+05	3510.14	1.707e+05
		1.257e+05	-1538.24	-1.67e-03		68.9	1773.72	352.87	-73.22	-1.208e+05	-1538.24	1.279e+05
233	9	1.662e+05	-1169.09	6.19e-04	-0.53	0.0	1692.93	-1569.73	-14.28	-1.183e+05	-1169.09	1.662e+05
		1.216e+05	-2153.65	-1.43e-03		68.9	1692.93	336.44	-14.28	-1.179e+05	-2153.65	1.237e+05
233	31	1.587e+05	7821.48	-5.61e-03	-0.52	0.0	1536.80	-1593.66	65.64	-1.113e+05	7821.48	1.587e+05
		1.153e+05	787.01	-1.21e-03		68.9	1536.80	315.70	65.64	-1.109e+05	787.01	1.176e+05
233	32	1.736e+05	-5094.31	6.85e-03	-0.53	0.0	1849.05	-1545.81	-94.20	-1.253e+05	-1.016e+04	1.736e+05
		1.279e+05	-1.016e+04	-1.65e-03		68.9	1849.05	357.18	-94.20	-1.249e+05	-5094.31	1.297e+05
233	34	1.803e+05	-3477.66	-4.37e-03	-0.53	0.0	1901.57	-1515.00	-124.91	-1.345e+05	-4987.13	1.803e+05
		1.333e+05	-4987.13	-2.89e-03		68.9	1901.57	376.29	-124.91	-1.342e+05	-3477.66	1.348e+05
233	37	1.521e+05	2648.96	4.07e-03	-0.52	0.0	1484.29	-1624.46	96.34	-1.021e+05	2648.96	1.521e+05
		1.100e+05	-829.64	3.18e-05		68.9	1484.29	296.60	96.34	-1.016e+05	-829.64	1.126e+05
233	38	1.799e+05	-3471.28	-4.78e-03	-0.53	0.0	1903.05	-1516.54	-124.98	-1.339e+05	-4985.28	1.799e+05
		1.331e+05	-4985.28	-1.72e-03		68.9	1903.05	374.68	-124.98	-1.336e+05	-3471.28	1.346e+05
233	41	1.524e+05	2647.10	4.21e-03	-0.52	0.0	1482.80	-1622.92	96.42	-1.027e+05	2647.10	1.524e+05
		1.102e+05	-836.02	-1.14e-03		68.9	1482.80	298.21	96.42	-1.022e+05	-836.02	1.127e+05
233	63	1.587e+05	7821.48	-5.61e-03	-0.52	0.0	1536.80	-1593.66	65.64	-1.113e+05	7821.48	1.587e+05
		1.153e+05	787.01	-1.21e-03		68.9	1536.80	315.70	65.64	-1.109e+05	787.01	1.176e+05
233	64	1.736e+05	-5094.31	6.85e-03	-0.53	0.0	1849.05	-1545.81	-94.20	-1.253e+05	-1.016e+04	1.736e+05
		1.279e+05	-1.016e+04	-1.65e-03		68.9	1849.05	357.18	-94.20	-1.249e+05	-5094.31	1.297e+05
233	66	1.803e+05	-3477.66	-4.37e-03	-0.53	0.0	1901.57	-1515.00	-124.91	-1.345e+05	-4987.13	1.803e+05
		1.333e+05	-4987.13	-2.89e-03		68.9	1901.57	376.29	-124.91	-1.342e+05	-3477.66	1.348e+05
233	69	1.521e+05	2648.96	4.07e-03	-0.52	0.0	1484.29	-1624.46	96.34	-1.021e+05	2648.96	1.521e+05
		1.100e+05	-829.64	3.18e-05		68.9	1484.29	296.60	96.34	-1.016e+05	-829.64	1.126e+05
233	70	1.799e+05	-3471.28	-4.78e-03	-0.53	0.0	1903.05	-1516.54	-124.98	-1.339e+05	-4985.28	1.799e+05
		1.331e+05	-4985.28	-1.72e-03		68.9	1903.05	374.68	-124.98	-1.336e+05	-3471.28	1.346e+05
233	73	1.524e+05	2647.10	4.21e-03	-0.52	0.0	1482.80	-1622.92	96.42	-1.027e+05	2647.10	1.524e+05
		1.102e+05	-836.02	-1.14e-03		68.9	1482.80	298.21	96.42	-1.022e+05	-836.02	1.127e+05
233	74	1.662e+05	-1169.09	6.19e-04	-0.53	0.0	1692.93	-1569.73	-14.28	-1.183e+05	-1169.09	1.662e+05
		1.216e+05	-2153.65	-1.43e-03		68.9	1692.93	336.44	-14.28	-1.179e+05	-2153.65	1.237e+05
233	75	1.662e+05	-1169.09	6.19e-04	-0.53	0.0	1692.93	-1569.73	-14.28	-1.183e+05	-1169.09	1.662e+05
		1.216e+05	-2153.65	-1.43e-03		68.9	1692.93	336.44	-14.28	-1.179e+05	-2153.65	1.237e+05
233	76	1.662e+05	-1169.09	6.19e-04	-0.53	0.0	1692.93	-1569.73	-14.28	-1.183e+05	-1169.09	1.662e+05

		1.216e+05	-2153.65	-1.43e-03		68.9	1692.93	336.44	-14.28	-1.179e+05	-2153.65	1.237e+05
234	1	6.454e+04	2.404e+04	9.05e-03	-0.74	0.0	1588.54	236.03	-4.52	6.553e+04	2.404e+04	-6.335e+04
		-6.335e+04	2.370e+04	-2.71e-03		74.0	1588.54	3211.38	-4.52	6.543e+04	2.370e+04	6.454e+04
234	4	4.450e+04	1.233e+04	5.53e-03	-0.52	0.0	1010.82	158.59	146.73	3.957e+04	1467.91	-4.217e+04
		-4.217e+04	1467.91	-2.14e-03		74.0	1010.82	2178.17	146.73	3.958e+04	1.233e+04	4.450e+04
234	7	4.887e+04	1.684e+04	6.54e-03	-0.56	0.0	1215.45	180.87	1.79	4.803e+04	1.670e+04	-4.733e+04
		-4.733e+04	1.670e+04	-1.98e-03		74.0	1215.45	2412.75	1.79	4.797e+04	1.684e+04	4.887e+04
234	8	4.516e+04	1.204e+04	5.34e-03	-0.52	0.0	1080.39	167.17	104.47	3.960e+04	4311.44	-4.228e+04
		-4.228e+04	4311.44	-1.95e-03		74.0	1080.39	2190.57	104.47	3.960e+04	1.204e+04	4.516e+04
234	21	4.252e+04	3981.29	9.70e-03	-0.51	0.0	1429.21	143.67	-101.26	4.469e+04	-67.53	-4.613e+04
		-4.613e+04	-67.53	-7.73e-04		74.0	1429.21	2112.37	-101.26	4.462e+04	3981.29	4.252e+04
234	26	4.938e+04	1.857e+04	-4.07e-03	-0.52	0.0	851.95	222.03	187.60	3.027e+04	1.737e+04	-3.717e+04
		-3.717e+04	1.737e+04	-2.18e-03		74.0	851.95	2224.21	187.60	3.027e+04	1.857e+04	4.938e+04
234	33	4.220e+04	2300.86	7.96e-03	-0.51	0.0	1568.06	139.98	-137.91	4.417e+04	-525.11	-4.575e+04
		-4.575e+04	-525.11	-8.55e-04		74.0	1568.06	2103.25	-137.91	4.414e+04	2300.86	4.220e+04
234	34	4.791e+04	1.961e+04	-4.52e-03	-0.52	0.0	799.64	228.47	190.89	2.956e+04	1.499e+04	-3.779e+04
		-3.779e+04	1.499e+04	-2.15e-03		74.0	799.64	2227.21	190.89	2.956e+04	1.961e+04	4.791e+04
234	38	4.779e+04	1.956e+04	-4.38e-03	-0.52	0.0	792.22	230.57	190.26	3.035e+04	1.533e+04	-3.743e+04
		-3.743e+04	1.533e+04	-2.11e-03		74.0	792.22	2229.58	190.26	3.039e+04	1.956e+04	4.779e+04
234	41	4.367e+04	1856.75	7.57e-03	-0.51	0.0	1620.37	133.54	-141.19	4.491e+04	1856.75	-4.513e+04
		-4.513e+04	1266.09	-8.90e-04		74.0	1620.37	2100.24	-141.19	4.485e+04	1266.09	4.367e+04
234	53	4.252e+04	3981.29	9.70e-03	-0.51	0.0	1429.21	143.67	-101.26	4.469e+04	-67.53	-4.613e+04
		-4.613e+04	-67.53	-7.73e-04		74.0	1429.21	2112.37	-101.26	4.462e+04	3981.29	4.252e+04
234	58	4.938e+04	1.857e+04	-4.07e-03	-0.52	0.0	851.95	222.03	187.60	3.027e+04	1.737e+04	-3.717e+04
		-3.717e+04	1.737e+04	-2.18e-03		74.0	851.95	2224.21	187.60	3.027e+04	1.857e+04	4.938e+04
234	65	4.220e+04	2300.86	7.96e-03	-0.51	0.0	1568.06	139.98	-137.91	4.417e+04	-525.11	-4.575e+04
		-4.575e+04	-525.11	-8.55e-04		74.0	1568.06	2103.25	-137.91	4.414e+04	2300.86	4.220e+04
234	66	4.791e+04	1.961e+04	-4.52e-03	-0.52	0.0	799.64	228.47	190.89	2.956e+04	1.499e+04	-3.779e+04
		-3.779e+04	1.499e+04	-2.15e-03		74.0	799.64	2227.21	190.89	2.956e+04	1.961e+04	4.791e+04
234	70	4.779e+04	1.956e+04	-4.38e-03	-0.52	0.0	792.22	230.57	190.26	3.035e+04	1.533e+04	-3.743e+04
		-3.743e+04	1.533e+04	-2.11e-03		74.0	792.22	2229.58	190.26	3.039e+04	1.956e+04	4.779e+04
234	73	4.367e+04	1856.75	7.57e-03	-0.51	0.0	1620.37	133.54	-141.19	4.491e+04	1856.75	-4.513e+04
		-4.513e+04	1266.09	-8.90e-04		74.0	1620.37	2100.24	-141.19	4.485e+04	1266.09	4.367e+04
234	74	4.573e+04	1.041e+04	4.63e-03	-0.51	0.0	1206.30	182.05	24.53	3.763e+04	8595.45	-4.128e+04
		-4.128e+04	8595.45	-1.50e-03		74.0	1206.30	2164.91	24.53	3.762e+04	1.041e+04	4.573e+04
234	75	4.573e+04	1.041e+04	4.63e-03	-0.51	0.0	1206.30	182.05	24.53	3.763e+04	8595.45	-4.128e+04
		-4.128e+04	8595.45	-1.50e-03		74.0	1206.30	2164.91	24.53	3.762e+04	1.041e+04	4.573e+04
234	76	4.573e+04	1.041e+04	4.63e-03	-0.51	0.0	1206.30	182.05	24.53	3.763e+04	8595.45	-4.128e+04
		-4.128e+04	8595.45	-1.50e-03		74.0	1206.30	2164.91	24.53	3.762e+04	1.041e+04	4.573e+04
236	2	1.411e+05	2.653e+04	3.51e-03	-0.59	0.0	-2464.56	3219.43	262.57	2889.29	8422.40	-1.194e+05
		-1.194e+05	8422.40	-9.07e-04		68.9	-2464.56	4334.49	262.57	3041.16	2.653e+04	1.411e+05
236	3	1.791e+05	5.804e+04	-1.82e-03	-0.70	0.0	-3826.65	4113.46	461.05	-6051.89	2.625e+04	-1.575e+05
		-1.575e+05	2.625e+04	-1.69e-03		68.9	-3826.65	5646.61	461.05	-5920.04	5.804e+04	1.791e+05
236	5	2.021e+05	4.849e+04	-2.07e-03	-0.68	0.0	-3700.46	3818.82	373.15	-5595.31	2.276e+04	-1.120e+05
		-1.120e+05	2.276e+04	-1.33e-03		68.9	-3700.46	5289.16	373.15	-5524.23	4.849e+04	2.021e+05
236	7	1.456e+05	2.989e+04	-2.93e-03	-0.57	0.0	-2578.24	3134.80	270.05	675.27	1.127e+04	-1.092e+05
		-1.092e+05	1.127e+04	-9.42e-04		68.9	-2578.24	4254.17	270.05	796.71	2.989e+04	1.456e+05
236	8	1.406e+05	4.410e+04	-1.31e-03	-0.53	0.0	-2956.20	3116.49	346.90	-4953.05	2.018e+04	-1.148e+05
		-1.148e+05	2.018e+04	-1.27e-03		68.9	-2956.20	4291.29	346.90	-4861.54	4.410e+04	1.406e+05
236	9	1.560e+05	3.773e+04	-1.48e-03	-0.52	0.0	-2872.08	2920.06	288.30	-4648.66	1.785e+04	-8.444e+04
		-8.444e+04	1.785e+04	-1.03e-03		68.9	-2872.08	4052.99	288.30	-4597.67	3.773e+04	1.560e+05
236	18	2.030e+05	4.655e+04	-0.02	-0.53	0.0	-852.38	3149.67	368.77	-2.570e+04	3.864e+04	-4.351e+04
		-4.351e+04	3.864e+04	-1.66e-03		68.9	-852.38	4309.36	368.77	-2.560e+04	4.655e+04	2.030e+05
236	19	1.902e+05	5.685e+04	-0.01	-0.53	0.0	-241.15	2966.07	496.28	-1.501e+04	3.069e+04	-6.175e+04
		-6.175e+04	3.069e+04	-1.88e-03		68.9	-241.15	4120.10	496.28	-1.495e+04	5.685e+04	1.902e+05
236	20	1.217e+05	1.861e+04	0.02	-0.52	0.0	-5503.01	2874.05	80.33	5716.78	5007.35	-1.071e+05
		-1.071e+05	5007.35	-1.72e-04		68.9	-5503.01	3985.87	80.33	5754.15	1.861e+04	1.217e+05
236	21	1.090e+05	2.890e+04	0.01	-0.52	0.0	-4891.78	2690.45	207.83	1.640e+04	-2946.31	-1.254e+05
		-1.254e+05	-2946.31	-3.96e-04		68.9	-4891.78	3796.61	207.83	1.641e+04	2.890e+04	1.090e+05
236	39	1.570e+05	5.954e+04	-3.94e-03	-0.52	0.0	-2832.91	2603.03	584.74	1.282e+04	1.420e+04	-1.043e+05
		-1.043e+05	1.420e+04	-1.86e-03		68.9	-2832.91	3740.53	584.74	1.274e+04	5.954e+04	1.570e+05
236	50	2.030e+05	4.655e+04	-0.02	-0.53	0.0	-852.38	3149.67	368.77	-2.570e+04	3.864e+04	-4.351e+04
		-4.351e+04	3.864e+04	-1.66e-03		68.9	-852.38	4309.36	368.77	-2.560e+04	4.655e+04	2.030e+05
236	51	1.902e+05	5.685e+04	-0.01	-0.53	0.0	-241.15	2966.07	496.28	-1.501e+04	3.069e+04	-6.175e+04
		-6.175e+04	3.069e+04	-1.88e-03		68.9	-241.15	4120.10	496.28	-1.495e+04	5.685e+04	1.902e+05
236	52	1.217e+05	1.861e+04	0.02	-0.52	0.0	-5503.01	2874.05	80.33	5716.78	5007.35	-1.071e+05
		-1.071e+05	5007.35	-1.72e-04		68.9	-5503.01	3985.87	80.33	5754.15	1.861e+04	1.217e+05
236	53	1.090e+05	2.890e+04	0.01	-0.52	0.0	-4891.78	2690.45	207.83	1.640e+04	-2946.31	-1.254e+05
		-1.254e+05	-2946.31	-3.96e-04		68.9	-4891.78	3796.61	207.83	1.641e+04	2.890e+04	1.090e+05
236	71	1.570e+05	5.954e+04	-3.94e-03	-0.52	0.0	-2832.91	2603.03	584.74	1.282e+04	1.420e+04	-1.043e+05
		-1.043e+05	1.420e+04	-1.86e-03		68.9	-2832.91	3740.53	584.74	1.274e+04	5.954e+04	1.570e+05
236	74	1.560e+05	3.773e+04	-1.48e-03	-0.52	0.0	-2872.08	2920.06	288.30	-4648.66	1.785e+04	-8.444e+04
		-8.444e+04	1.785e+04	-1.03e-03		68.9	-2872.08	4052.99	288.30	-4597.67	3.773e+04	1.560e+05
236	75	1.560e+05	3.773e+04	-1.48e-03	-0.52	0.0	-2872.08	2920.06	288.30	-4648.66	1.785e+04	-8.444e+04
		-8.444e+04	1.785e+04	-1.03e-03		68.9	-2872.08	4052.99	288.30	-4597.67	3.773e+04	1.560e+05
236	76	1.560e+05	3.773e+04	-1.48e-03	-0.52	0.0	-2872.08	2920.06	288.30	-4648.66	1.785e+04	-8.444e+04
		-8.444e+04	1.785e+04	-1.03e-03		68.9	-2872.08	4052.				

239	1	2.862e+05	-1.758e+04	-2.70e-03	-0.70	0.0	4895.65	-4223.99	-149.73	-1.712e+04	-1.758e+04	2.862e+05
		7.313e+04	-2.889e+04	-2.66e-03		75.6	4895.65	-1418.58	-149.73	-1.661e+04	-2.889e+04	7.313e+04
239	4	1.956e+05	-566.76	-3.48e-04	-0.50	0.0	3038.80	-2927.79	-194.83	-2.464e+04	-566.76	1.956e+05
		4.769e+04	-1.529e+04	-1.30e-03		75.6	3038.80	-988.60	-194.83	-2.433e+04	-1.529e+04	4.769e+04
239	7	2.156e+05	-1.276e+04	-1.85e-03	-0.53	0.0	3673.90	-3181.58	-106.49	-1.361e+04	-1.276e+04	2.156e+05
		5.513e+04	-2.081e+04	-1.94e-03		75.6	3673.90	-1069.32	-106.49	-1.324e+04	-2.081e+04	5.513e+04
239	8	1.972e+05	-3943.79	-5.70e-04	-0.50	0.0	3148.03	-2934.11	-151.25	-2.136e+04	-3943.79	1.972e+05
		4.894e+04	-1.537e+04	-1.40e-03		75.6	3148.03	-990.35	-151.25	-2.106e+04	-1.537e+04	4.894e+04
239	10	2.041e+05	-1.123e+04	-5.77e-03	-0.51	0.0	3448.94	-2702.37	-256.77	-6.899e+04	-1.123e+04	2.041e+05
		6.570e+04	-1.963e+04	-2.05e-03		75.6	3448.94	-829.53	-256.77	-6.888e+04	-1.963e+04	6.570e+04
239	31	1.926e+05	-1.041e+04	-3.28e-03	-0.48	0.0	3670.96	-3077.03	199.39	2.515e+04	-3.021e+04	1.926e+05
		3.942e+04	-3.021e+04	-1.64e-03		75.6	3670.96	-1112.69	199.39	2.561e+04	-1.041e+04	3.942e+04
239	32	2.000e+05	1.046e+04	4.92e-03	-0.51	0.0	2896.01	-2699.39	-319.52	-5.574e+04	1.046e+04	2.000e+05
		6.137e+04	-1.842e+04	-1.40e-03		75.6	2896.01	-836.81	-319.52	-5.563e+04	-1.842e+04	6.137e+04
239	37	1.911e+05	-7179.12	1.36e-03	-0.48	0.0	3476.70	-3150.46	322.16	4.087e+04	-2.838e+04	1.911e+05
		3.334e+04	-2.838e+04	-1.75e-03		75.6	3476.70	-1163.50	322.16	4.140e+04	-7179.12	3.334e+04
239	39	1.944e+05	-9345.68	-2.29e-03	-0.48	0.0	3640.84	-3089.23	252.91	1.985e+04	-3.287e+04	1.944e+05
		3.928e+04	-3.287e+04	-2.07e-03		75.6	3640.84	-1112.07	252.91	2.032e+04	-9345.68	3.928e+04
239	40	1.982e+05	1.312e+04	3.92e-03	-0.51	0.0	2926.14	-2687.19	-373.05	-5.043e+04	1.312e+04	1.982e+05
		6.151e+04	-1.949e+04	-9.73e-04		75.6	2926.14	-837.43	-373.05	-5.034e+04	-1.949e+04	6.151e+04
239	42	2.041e+05	-1.123e+04	-5.77e-03	-0.51	0.0	3448.94	-2702.37	-256.77	-6.899e+04	-1.123e+04	2.041e+05
		6.570e+04	-1.963e+04	-2.05e-03		75.6	3448.94	-829.53	-256.77	-6.888e+04	-1.963e+04	6.570e+04
239	63	1.926e+05	-1.041e+04	-3.28e-03	-0.48	0.0	3670.96	-3077.03	199.39	2.515e+04	-3.021e+04	1.926e+05
		3.942e+04	-3.021e+04	-1.64e-03		75.6	3670.96	-1112.69	199.39	2.561e+04	-1.041e+04	3.942e+04
239	64	2.000e+05	1.046e+04	4.92e-03	-0.51	0.0	2896.01	-2699.39	-319.52	-5.574e+04	1.046e+04	2.000e+05
		6.137e+04	-1.842e+04	-1.40e-03		75.6	2896.01	-836.81	-319.52	-5.563e+04	-1.842e+04	6.137e+04
239	69	1.911e+05	-7179.12	1.36e-03	-0.48	0.0	3476.70	-3150.46	322.16	4.087e+04	-2.838e+04	1.911e+05
		3.334e+04	-2.838e+04	-1.75e-03		75.6	3476.70	-1163.50	322.16	4.140e+04	-7179.12	3.334e+04
239	71	1.944e+05	-9345.68	-2.29e-03	-0.48	0.0	3640.84	-3089.23	252.91	1.985e+04	-3.287e+04	1.944e+05
		3.928e+04	-3.287e+04	-2.07e-03		75.6	3640.84	-1112.07	252.91	2.032e+04	-9345.68	3.928e+04
239	72	1.982e+05	1.312e+04	3.92e-03	-0.51	0.0	2926.14	-2687.19	-373.05	-5.043e+04	1.312e+04	1.982e+05
		6.151e+04	-1.949e+04	-9.73e-04		75.6	2926.14	-837.43	-373.05	-5.034e+04	-1.949e+04	6.151e+04
239	74	1.963e+05	-9878.22	-8.18e-04	-0.50	0.0	3283.49	-2888.21	-60.07	-1.529e+04	-9878.22	1.963e+05
		5.039e+04	-1.442e+04	-1.52e-03		75.6	3283.49	-974.75	-60.07	-1.501e+04	-1.442e+04	5.039e+04
239	75	1.963e+05	-9878.22	-8.18e-04	-0.50	0.0	3283.49	-2888.21	-60.07	-1.529e+04	-9878.22	1.963e+05
		5.039e+04	-1.442e+04	-1.52e-03		75.6	3283.49	-974.75	-60.07	-1.501e+04	-1.442e+04	5.039e+04
239	76	1.963e+05	-9878.22	-8.18e-04	-0.50	0.0	3283.49	-2888.21	-60.07	-1.529e+04	-9878.22	1.963e+05
		5.039e+04	-1.442e+04	-1.52e-03		75.6	3283.49	-974.75	-60.07	-1.501e+04	-1.442e+04	5.039e+04
240	1	1.953e+05	-3476.02	3.49e-03	-0.76	0.0	1922.64	-3214.58	19.47	-1.548e+05	-4818.61	1.953e+05
		7.367e+04	-4818.61	-2.81e-03		68.9	1922.64	-315.92	19.47	-1.543e+05	-3476.02	7.367e+04
240	3	1.690e+05	220.23	1.22e-03	-0.70	0.0	1636.22	-2811.22	-118.39	-1.338e+05	220.23	1.690e+05
		6.351e+04	-7942.40	-2.28e-03		68.9	1636.22	-250.61	-118.39	-1.333e+05	-7942.40	6.351e+04
240	4	1.279e+05	767.93	6.59e-04	-0.53	0.0	1240.44	-2123.05	-115.81	-1.008e+05	767.93	1.279e+05
		4.834e+04	-7216.85	-1.74e-03		68.9	1240.44	-184.22	-115.81	-1.004e+05	-7216.85	4.834e+04
240	6	1.216e+05	-236.39	8.61e-04	-0.52	0.0	1155.92	-2056.29	-31.25	-9.778e+04	-236.39	1.216e+05
		4.448e+04	-2390.97	-1.39e-03		68.9	1155.92	-180.30	-31.25	-9.747e+04	-2390.97	4.448e+04
240	7	1.453e+05	-2634.23	2.37e-03	-0.58	0.0	1424.52	-2400.70	7.24	-1.154e+05	-3133.37	1.453e+05
		5.462e+04	-3133.37	-2.03e-03		68.9	1424.52	-231.80	7.24	-1.150e+05	-2634.23	5.462e+04
240	8	1.278e+05	225.86	8.58e-04	-0.53	0.0	1233.57	-2131.79	-84.67	-1.014e+05	225.86	1.278e+05
		4.784e+04	-5611.81	-1.67e-03		68.9	1233.57	-188.26	-84.67	-1.010e+05	-5611.81	4.784e+04
240	9	1.236e+05	-443.69	9.93e-04	-0.52	0.0	1177.23	-2087.28	-28.30	-9.937e+04	-443.69	1.236e+05
		4.527e+04	-2394.56	-1.44e-03		68.9	1177.23	-185.65	-28.30	-9.906e+04	-2394.56	4.527e+04
240	34	1.348e+05	-1890.40	-0.01	-0.53	0.0	1297.42	-1992.71	-126.74	-1.113e+05	-1890.40	1.348e+05
		5.068e+04	-9451.89	-1.79e-03		68.9	1297.42	-98.14	-126.74	-1.111e+05	-9451.89	5.068e+04
240	37	1.124e+05	4662.78	0.01	-0.52	0.0	1057.03	-2181.86	70.15	-8.745e+04	4662.78	1.124e+05
		3.987e+04	1003.02	-1.09e-03		68.9	1057.03	-273.15	70.15	-8.702e+04	4662.78	3.987e+04
240	39	1.149e+05	2486.53	-4.20e-03	-0.52	0.0	1019.55	-2147.71	33.88	-9.121e+04	193.08	1.149e+05
		4.076e+04	193.08	-1.27e-03		68.9	1019.55	-249.29	33.88	-9.080e+04	2486.53	4.076e+04
240	40	1.323e+05	-1080.45	6.18e-03	-0.53	0.0	1334.90	-2026.86	-90.47	-1.075e+05	-1080.45	1.323e+05
		4.979e+04	-7275.64	-1.61e-03		68.9	1334.90	-122.01	-90.47	-1.073e+05	-7275.64	4.979e+04
240	66	1.348e+05	-1890.40	-0.01	-0.53	0.0	1297.42	-1992.71	-126.74	-1.113e+05	-1890.40	1.348e+05
		5.068e+04	-9451.89	-1.79e-03		68.9	1297.42	-98.14	-126.74	-1.111e+05	-9451.89	5.068e+04
240	69	1.124e+05	4662.78	0.01	-0.52	0.0	1057.03	-2181.86	70.15	-8.745e+04	4662.78	1.124e+05
		3.987e+04	1003.02	-1.09e-03		68.9	1057.03	-273.15	70.15	-8.702e+04	4662.78	3.987e+04
240	71	1.149e+05	2486.53	-4.20e-03	-0.52	0.0	1019.55	-2147.71	33.88	-9.121e+04	193.08	1.149e+05
		4.076e+04	193.08	-1.27e-03		68.9	1019.55	-249.29	33.88	-9.080e+04	2486.53	4.076e+04
240	72	1.323e+05	-1080.45	6.18e-03	-0.53	0.0	1334.90	-2026.86	-90.47	-1.075e+05	-1080.45	1.323e+05
		4.979e+04	-7275.64	-1.61e-03		68.9	1334.90	-122.01	-90.47	-1.073e+05	-7275.64	4.979e+04
240	74	1.236e+05	-443.69	9.93e-04	-0.52	0.0	1177.23	-2087.28	-28.30	-9.937e+04	-443.69	1.236e+05
		4.527e+04	-2394.56	-1.44e-03		68.9	1177.23	-185.65	-28.30	-9.906e+04	-2394.56	4.527e+04
240	75	1.236e+05	-443.69	9.93e-04	-0.52	0.0	1177.23	-2087.28	-28.30	-9.937e+04	-443.69	1.236e+05
		4.527e+04	-2394.56	-1.44e-03		68.9	1177.23	-185.65	-28.30	-9.906e+04	-2394.56	4.527e+04
240	76	1.236e+05	-443.69	9.93e-04	-0.52	0.0	1177.23	-2087.28	-28.30	-9.937e+04	-443.69	1.236e+05
		4.527e+04	-2394.56	-1.44e-03		68.9	1177.23	-185.65	-28.30	-9.906e+04	-2394.56	4.527e+04
241	1	2.672e+05	2.192e+04	9.29e-03	-0.73	0.0	2919.87	1272.26	-152.71	7.072e+04	2.192e+04	2.672e+05
		6.459e+04	1.062e+04	-2.52e-03		74.0	2919.87	4193.64	-152.71	7.066e+04	1.062e+04	6.459e+04
241	4	1.846e+05	1.653e+04	5.70e-03	-0.51	0.0	1966.02	897.29	71.67	4.300e+04	1.122	

		4.453e+04	1.122e+04	-2.04e-03		74.0	1966.02	2883.83	71.67	4.303e+04	1.653e+04	1.846e+05
241	5	2.432e+05	1.274e+04	6.41e-03	-0.66	0.0	2928.63	1192.42	-76.19	5.480e+04	1.274e+04	5.985e+04
		5.985e+04	7100.05	-1.89e-03		74.0	2928.63	3757.23	-76.19	5.482e+04	7100.05	2.432e+05
241	6	1.840e+05	8912.99	4.64e-03	-0.50	0.0	2236.10	905.14	-49.46	4.032e+04	8912.99	4.538e+04
		4.538e+04	5252.77	-1.38e-03		74.0	2236.10	2837.16	-49.46	4.033e+04	5252.77	1.840e+05
241	7	2.017e+05	1.553e+04	6.72e-03	-0.55	0.0	2239.69	965.21	-105.65	5.197e+04	1.553e+04	4.891e+04
		4.891e+04	7715.14	-1.84e-03		74.0	2239.69	3158.07	-105.65	5.193e+04	7715.14	2.017e+05
241	8	1.862e+05	1.289e+04	5.51e-03	-0.51	0.0	2065.48	906.75	26.12	4.315e+04	1.095e+04	4.518e+04
		4.518e+04	1.095e+04	-1.86e-03		74.0	2065.48	2898.24	26.12	4.317e+04	1.289e+04	1.862e+05
241	9	1.858e+05	9413.60	4.81e-03	-0.51	0.0	2245.54	911.98	-54.63	4.136e+04	9413.60	4.575e+04
		4.575e+04	5370.79	-1.42e-03		74.0	2245.54	2867.12	-54.63	4.137e+04	5370.79	1.858e+05
241	10	1.923e+05	1.787e+04	-9.71e-03	-0.51	0.0	1939.79	981.22	54.93	3.115e+04	1.617e+04	4.936e+04
		4.936e+04	1.617e+04	-2.20e-03		74.0	1939.79	2937.08	54.93	3.118e+04	1.787e+04	1.923e+05
241	29	1.796e+05	1713.09	9.51e-03	-0.50	0.0	2808.00	860.22	-204.50	4.866e+04	1713.09	4.210e+04
		4.210e+04	-1.148e+04	-8.15e-04		74.0	2808.00	2814.95	-204.50	4.867e+04	-1.148e+04	1.796e+05
241	34	1.909e+05	2.433e+04	-3.81e-03	-0.51	0.0	1580.29	977.36	99.14	3.351e+04	1.812e+04	4.793e+04
		4.793e+04	1.812e+04	-1.98e-03		74.0	1580.29	2923.25	99.14	3.356e+04	2.433e+04	1.909e+05
241	37	1.806e+05	711.68	0.01	-0.50	0.0	2910.78	846.61	-208.41	4.920e+04	711.68	4.358e+04
		4.358e+04	-1.359e+04	-8.63e-04		74.0	2910.78	2811.00	-208.41	4.918e+04	-1.359e+04	1.806e+05
241	38	1.906e+05	2.416e+04	-3.88e-03	-0.51	0.0	1573.27	973.71	101.75	3.432e+04	1.804e+04	4.936e+04
		4.780e+04	1.804e+04	-1.95e-03		74.0	1573.27	2923.14	101.75	3.438e+04	2.416e+04	1.906e+05
241	41	1.809e+05	788.60	0.01	-0.50	0.0	2917.80	850.26	-211.02	4.839e+04	788.60	4.370e+04
		4.370e+04	-1.342e+04	-8.97e-04		74.0	2917.80	2811.11	-211.02	4.836e+04	-1.342e+04	1.809e+05
241	42	1.923e+05	1.787e+04	-9.71e-03	-0.51	0.0	1939.79	981.22	54.93	3.115e+04	1.617e+04	4.936e+04
		4.936e+04	1.617e+04	-2.20e-03		74.0	1939.79	2937.08	54.93	3.118e+04	1.787e+04	1.923e+05
241	61	1.796e+05	1713.09	9.51e-03	-0.50	0.0	2808.00	860.22	-204.50	4.866e+04	1713.09	4.210e+04
		4.210e+04	-1.148e+04	-8.15e-04		74.0	2808.00	2814.95	-204.50	4.867e+04	-1.148e+04	1.796e+05
241	66	1.909e+05	2.433e+04	-3.81e-03	-0.51	0.0	1580.29	977.36	99.14	3.351e+04	1.812e+04	4.793e+04
		4.793e+04	1.812e+04	-1.98e-03		74.0	1580.29	2923.25	99.14	3.356e+04	2.433e+04	1.909e+05
241	69	1.806e+05	711.68	0.01	-0.50	0.0	2910.78	846.61	-208.41	4.920e+04	711.68	4.358e+04
		4.358e+04	-1.359e+04	-8.63e-04		74.0	2910.78	2811.00	-208.41	4.918e+04	-1.359e+04	1.806e+05
241	70	1.906e+05	2.416e+04	-3.88e-03	-0.51	0.0	1573.27	973.71	101.75	3.432e+04	1.804e+04	4.936e+04
		4.780e+04	1.804e+04	-1.95e-03		74.0	1573.27	2923.14	101.75	3.438e+04	2.416e+04	1.906e+05
241	73	1.809e+05	788.60	0.01	-0.50	0.0	2917.80	850.26	-211.02	4.839e+04	788.60	4.370e+04
		4.370e+04	-1.342e+04	-8.97e-04		74.0	2917.80	2811.11	-211.02	4.836e+04	-1.342e+04	1.809e+05
241	74	1.858e+05	9413.60	4.81e-03	-0.51	0.0	2245.54	911.98	-54.63	4.136e+04	9413.60	4.575e+04
		4.575e+04	5370.79	-1.42e-03		74.0	2245.54	2867.12	-54.63	4.137e+04	5370.79	1.858e+05
241	75	1.858e+05	9413.60	4.81e-03	-0.51	0.0	2245.54	911.98	-54.63	4.136e+04	9413.60	4.575e+04
		4.575e+04	5370.79	-1.42e-03		74.0	2245.54	2867.12	-54.63	4.137e+04	5370.79	1.858e+05
241	76	1.858e+05	9413.60	4.81e-03	-0.51	0.0	2245.54	911.98	-54.63	4.136e+04	9413.60	4.575e+04
		4.575e+04	5370.79	-1.42e-03		74.0	2245.54	2867.12	-54.63	4.137e+04	5370.79	1.858e+05
243	1	8.107e+05	5.973e+04	5.04e-03	-0.76	0.0	-6305.16	8335.79	328.52	-1968.88	3.708e+04	1.866e+05
		1.866e+05	3.708e+04	-9.10e-04		68.9	-6305.16	9760.97	328.52	-1791.96	5.973e+04	8.107e+05
243	2	6.299e+05	4.394e+04	4.12e-03	-0.59	0.0	-4836.21	6538.92	247.66	12.39	2.686e+04	1.412e+05
		1.412e+05	2.686e+04	-6.98e-04		68.9	-4836.21	7633.53	247.66	165.09	4.394e+04	6.299e+05
243	3	7.617e+05	9.035e+04	2.56e-03	-0.69	0.0	-6772.84	7687.22	472.91	-9547.74	5.775e+04	1.791e+05
		1.791e+05	5.775e+04	-1.23e-03		68.9	-6772.84	9209.06	472.91	-9420.06	9.035e+04	7.617e+05
243	4	5.810e+05	7.456e+04	1.64e-03	-0.53	0.0	-5303.90	5890.35	392.05	-7566.47	4.753e+04	1.337e+05
		1.337e+05	4.753e+04	-1.02e-03		68.9	-5303.90	7081.61	392.05	-7463.01	7.456e+04	5.810e+05
243	7	6.164e+05	4.795e+04	3.54e-03	-0.57	0.0	-4888.10	6274.68	259.34	-2938.87	3.007e+04	1.457e+05
		1.457e+05	3.007e+04	-7.06e-04		68.9	-4888.10	7376.78	259.34	-2818.01	4.795e+04	6.164e+05
243	8	5.838e+05	6.837e+04	1.89e-03	-0.53	0.0	-5199.89	5842.31	355.59	-7991.45	4.385e+04	1.407e+05
		1.407e+05	4.385e+04	-9.23e-04		68.9	-5199.89	7008.83	355.59	-7903.41	6.837e+04	5.838e+05
243	18	7.149e+05	7.063e+04	-0.01	-0.53	0.0	-2593.39	8662.50	383.71	-3.118e+04	4.745e+04	2.030e+05
		2.030e+05	4.745e+04	-1.38e-03		68.9	-2593.39	8005.03	383.71	-3.112e+04	7.063e+04	7.149e+05
243	19	6.741e+05	8.492e+04	-8.98e-03	-0.53	0.0	-1902.84	6439.25	465.09	-2.060e+04	5.760e+04	1.903e+05
		1.903e+05	5.760e+04	-1.53e-03		68.9	-1902.84	7579.89	465.09	-2.055e+04	8.492e+04	6.741e+05
243	20	4.936e+05	2.991e+04	9.59e-03	-0.52	0.0	-8162.69	4844.59	111.53	996.58	1.748e+04	1.218e+05
		1.218e+05	1.748e+04	6.52e-05		68.9	-8162.69	5951.06	111.53	1038.88	2.991e+04	4.936e+05
243	21	4.528e+05	4.420e+04	0.01	-0.52	0.0	-7472.13	4421.35	192.91	1.158e+04	2.762e+04	1.091e+05
		1.091e+05	2.762e+04	-8.84e-05		68.9	-7472.13	5525.92	192.91	1.161e+04	4.420e+04	4.528e+05
243	32	6.187e+05	2.749e+04	-5.39e-03	-0.52	0.0	-7019.09	6044.64	111.85	-2.262e+04	1.613e+04	1.651e+05
		1.651e+05	1.613e+04	-2.70e-04		68.9	-7019.09	7165.96	111.85	-2.255e+04	2.749e+04	6.187e+05
243	35	5.628e+05	8.919e+04	6.63e-03	-0.52	0.0	-3501.99	5312.84	484.26	1794.76	5.769e+04	1.519e+05
		1.519e+05	5.769e+04	-1.40e-03		68.9	-3501.99	6443.81	484.26	1722.85	8.919e+04	5.628e+05
243	50	7.149e+05	7.063e+04	-0.01	-0.53	0.0	-2593.39	8662.50	383.71	-3.118e+04	4.745e+04	2.030e+05
		2.030e+05	4.745e+04	-1.38e-03		68.9	-2593.39	8005.03	383.71	-3.112e+04	7.063e+04	7.149e+05
243	51	6.741e+05	8.492e+04	-8.98e-03	-0.53	0.0	-1902.84	6439.25	465.09	-2.060e+04	5.760e+04	1.903e+05
		1.903e+05	5.760e+04	-1.53e-03		68.9	-1902.84	7579.89	465.09	-2.055e+04	8.492e+04	6.741e+05
243	52	4.936e+05	2.991e+04	9.59e-03	-0.52	0.0	-8162.69	4844.59	111.53	996.58	1.748e+04	1.218e+05
		1.218e+05	1.748e+04	6.52e-05		68.9	-8162.69	5951.06	111.53	1038.88	2.991e+04	4.936e+05
243	53	4.528e+05	4.420e+04	0.01	-0.52	0.0	-7472.13	4421.35	192.91	1.158e+04	2.762e+04	1.091e+05
		1.091e+05	2.762e+04	-8.84e-05		68.9	-7472.13	5525.92	192.91	1.161e+04	4.420e+04	4.528e+05
243	64	6.187e+05	2.749e+04	-5.39e-03	-0.52	0.0	-7019.09	6044.64	111.85	-2.262e+04	1.613e+04	1.651e+05
		1.651e+05	1.613e+04	-2.70e-04		68.9	-7019.09	7165.96	111.85	-2.255e+04	2.749e+04	6.187e+05
243	67	5.628e+05	8.919e+04	6.63e-03	-0.52	0.0	-3501.99	5312.84	484.26	1794.76	5.769e+04	1.519e+05
		1.519e+05	5.769e+04	-1.40e-								

243	74	5.838e+05	5.742e+04	2.11e-03	-0.52	0.0	-5032.76	5641.92	288.31	-9800.18	3.754e+04	1.560e+05
		1.560e+05	3.754e+04	-7.31e-04		68.9	-5032.76	6765.47	288.31	-9753.08	5.742e+04	5.838e+05
243	75	5.838e+05	5.742e+04	2.11e-03	-0.52	0.0	-5032.76	5641.92	288.31	-9800.18	3.754e+04	1.560e+05
		1.560e+05	3.754e+04	-7.31e-04		68.9	-5032.76	6765.47	288.31	-9753.08	5.742e+04	5.838e+05
243	76	5.838e+05	5.742e+04	2.11e-03	-0.52	0.0	-5032.76	5641.92	288.31	-9800.18	3.754e+04	1.560e+05
		1.560e+05	3.754e+04	-7.31e-04		68.9	-5032.76	6765.47	288.31	-9753.08	5.742e+04	5.838e+05
246	1	7.315e+04	-2.860e+04	-3.00e-03	-0.70	0.0	2623.24	-3089.11	-18.21	-7271.12	-2.860e+04	7.315e+04
		-5.481e+04	-2.997e+04	-2.91e-03		75.6	2623.24	-301.30	-18.21	-6766.19	-2.997e+04	-5.481e+04
246	3	6.384e+04	-2.001e+04	-1.04e-03	-0.65	0.0	2155.71	-2866.01	-123.42	-2.003e+04	-2.001e+04	6.384e+04
		-5.644e+04	-2.934e+04	-2.03e-03		75.6	2155.71	-319.21	-123.42	-1.964e+04	-2.934e+04	-5.644e+04
246	4	4.768e+04	-1.463e+04	-5.36e-04	-0.50	0.0	1577.98	-2185.60	-124.94	-1.804e+04	-1.463e+04	4.768e+04
		-4.428e+04	-2.407e+04	-1.43e-03		75.6	1577.98	-239.34	-124.94	-1.775e+04	-2.407e+04	-4.428e+04
246	6	4.987e+04	-1.357e+04	-9.19e-04	-0.49	0.0	1759.12	-2120.85	-2.96	-9114.80	-1.357e+04	4.987e+04
		-3.899e+04	-1.380e+04	-1.60e-03		75.6	1759.12	-232.31	-2.96	-8850.84	-1.380e+04	-3.899e+04
246	7	5.514e+04	-2.057e+04	-2.07e-03	-0.53	0.0	1971.78	-2331.95	-13.09	-6236.10	-2.057e+04	5.514e+04
		-4.163e+04	-2.156e+04	-2.13e-03		75.6	1971.78	-231.80	-13.09	-5868.81	-2.156e+04	-4.163e+04
246	8	4.893e+04	-1.485e+04	-7.63e-04	-0.50	0.0	1660.10	-2183.21	-83.23	-1.474e+04	-1.485e+04	4.893e+04
		-4.272e+04	-2.114e+04	-1.54e-03		75.6	1660.10	-243.74	-83.23	-1.445e+04	-2.114e+04	-4.272e+04
246	9	5.039e+04	-1.414e+04	-1.02e-03	-0.49	0.0	1780.86	-2140.05	-1.92	-8789.71	-1.414e+04	5.039e+04
		-3.920e+04	-1.429e+04	-1.65e-03		75.6	1780.86	-232.39	-1.92	-8517.25	-1.429e+04	-3.920e+04
246	29	3.349e+04	1.370e+04	-2.74e-03	-0.48	0.0	2124.52	-2332.55	344.63	5.196e+04	-8266.77	3.349e+04
		-6.879e+04	-8266.77	-1.21e-03		75.6	2124.52	-382.43	344.63	5.250e+04	1.370e+04	-6.879e+04
246	34	6.743e+04	-1.948e+04	2.78e-03	-0.51	0.0	1403.56	-1948.85	-402.54	-6.388e+04	-1.948e+04	6.743e+04
		-1.018e+04	-4.780e+04	-1.84e-03		75.6	1403.56	-102.52	-402.54	-6.389e+04	-4.780e+04	-1.018e+04
246	38	6.663e+04	-1.942e+04	3.27e-03	-0.51	0.0	1416.52	-1956.65	-409.08	-6.174e+04	-1.942e+04	6.663e+04
		-1.138e+04	-4.792e+04	-1.85e-03		75.6	1416.52	-104.87	-409.08	-6.175e+04	-4.792e+04	-1.138e+04
246	39	3.928e+04	1.258e+04	-9.32e-04	-0.48	0.0	2287.27	-2276.75	325.95	2.529e+04	-1.232e+04	3.928e+04
		-5.844e+04	-1.232e+04	-1.83e-03		75.6	2287.27	-311.80	325.95	2.577e+04	1.258e+04	-5.844e+04
246	40	6.149e+04	-1.597e+04	2.97e-03	-0.51	0.0	1274.44	-2003.35	-329.79	-4.287e+04	-1.597e+04	6.149e+04
		-1.995e+04	-4.115e+04	-1.48e-03		75.6	1274.44	-152.98	-329.79	-4.281e+04	-4.115e+04	-1.995e+04
246	41	3.415e+04	1.934e+04	-2.80e-03	-0.48	0.0	2145.20	-2323.45	405.25	4.417e+04	-8863.56	3.415e+04
		-6.701e+04	-8863.56	-1.45e-03		75.6	2145.20	-359.91	405.25	4.471e+04	1.934e+04	-6.701e+04
246	61	3.349e+04	1.370e+04	-2.74e-03	-0.48	0.0	2124.52	-2332.55	344.63	5.196e+04	-8266.77	3.349e+04
		-6.879e+04	-8266.77	-1.21e-03		75.6	2124.52	-382.43	344.63	5.250e+04	1.370e+04	-6.879e+04
246	66	6.743e+04	-1.948e+04	2.78e-03	-0.51	0.0	1403.56	-1948.85	-402.54	-6.388e+04	-1.948e+04	6.743e+04
		-1.018e+04	-4.780e+04	-1.84e-03		75.6	1403.56	-102.52	-402.54	-6.389e+04	-4.780e+04	-1.018e+04
246	70	6.663e+04	-1.942e+04	3.27e-03	-0.51	0.0	1416.52	-1956.65	-409.08	-6.174e+04	-1.942e+04	6.663e+04
		-1.138e+04	-4.792e+04	-1.85e-03		75.6	1416.52	-104.87	-409.08	-6.175e+04	-4.792e+04	-1.138e+04
246	71	3.928e+04	1.258e+04	-9.32e-04	-0.48	0.0	2287.27	-2276.75	325.95	2.529e+04	-1.232e+04	3.928e+04
		-5.844e+04	-1.232e+04	-1.83e-03		75.6	2287.27	-311.80	325.95	2.577e+04	1.258e+04	-5.844e+04
246	72	6.149e+04	-1.597e+04	2.97e-03	-0.51	0.0	1274.44	-2003.35	-329.79	-4.287e+04	-1.597e+04	6.149e+04
		-1.995e+04	-4.115e+04	-1.48e-03		75.6	1274.44	-152.98	-329.79	-4.281e+04	-4.115e+04	-1.995e+04
246	73	3.415e+04	1.934e+04	-2.80e-03	-0.48	0.0	2145.20	-2323.45	405.25	4.417e+04	-8863.56	3.415e+04
		-6.701e+04	-8863.56	-1.45e-03		75.6	2145.20	-359.91	405.25	4.471e+04	1.934e+04	-6.701e+04
246	74	5.039e+04	-1.414e+04	-1.02e-03	-0.49	0.0	1780.86	-2140.05	-1.92	-8789.71	-1.414e+04	5.039e+04
		-3.920e+04	-1.429e+04	-1.65e-03		75.6	1780.86	-232.39	-1.92	-8517.25	-1.429e+04	-3.920e+04
246	75	5.039e+04	-1.414e+04	-1.02e-03	-0.49	0.0	1780.86	-2140.05	-1.92	-8789.71	-1.414e+04	5.039e+04
		-3.920e+04	-1.429e+04	-1.65e-03		75.6	1780.86	-232.39	-1.92	-8517.25	-1.429e+04	-3.920e+04
246	76	5.039e+04	-1.414e+04	-1.02e-03	-0.49	0.0	1780.86	-2140.05	-1.92	-8789.71	-1.414e+04	5.039e+04
		-3.920e+04	-1.429e+04	-1.65e-03		75.6	1780.86	-232.39	-1.92	-8517.25	-1.429e+04	-3.920e+04
247	1	7.387e+04	2327.02	3.70e-03	-0.76	0.0	959.70	-2881.81	50.66	-1.332e+05	-1165.72	7.387e+04
		-2.547e+04	-1165.72	-2.82e-03		68.9	959.70	-3.18	50.66	-1.327e+05	2327.02	-2.547e+04
247	2	5.866e+04	2376.31	3.10e-03	-0.59	0.0	768.69	-2270.44	48.47	-1.046e+05	-965.18	5.866e+04
		-1.986e+04	-965.18	-2.28e-03		68.9	768.69	-10.32	48.47	-1.042e+05	2376.31	-1.986e+04
247	3	6.364e+04	-5710.39	1.40e-03	-0.70	0.0	763.54	-2510.75	-100.54	-1.162e+05	-5710.39	6.364e+04
		-2.140e+04	-1.264e+04	-2.33e-03		68.9	763.54	42.46	-100.54	-1.158e+05	-1.264e+04	-2.140e+04
247	6	4.457e+04	-727.03	9.88e-04	-0.52	0.0	551.24	-1815.55	-22.30	-8.565e+04	-727.03	4.457e+04
		-1.608e+04	-2264.76	-1.40e-03		68.9	551.24	55.24	-22.30	-8.539e+04	-2264.76	-1.608e+04
247	7	5.476e+04	1103.26	2.53e-03	-0.57	0.0	707.35	-2147.81	28.74	-9.955e+04	-878.16	5.476e+04
		-1.894e+04	-878.16	-2.04e-03		68.9	707.35	7.43	28.74	-9.920e+04	1103.26	-1.894e+04
247	8	4.794e+04	-3907.94	9.96e-04	-0.53	0.0	576.58	-1900.43	-72.06	-8.820e+04	-3907.94	4.794e+04
		-1.623e+04	-8876.09	-1.71e-03		68.9	576.58	37.86	-72.06	-8.791e+04	-8876.09	-1.623e+04
247	9	4.537e+04	-719.39	1.12e-03	-0.52	0.0	562.38	-1844.55	-18.44	-8.693e+04	-719.39	4.537e+04
		-1.642e+04	-1990.78	-1.45e-03		68.9	562.38	51.14	-18.44	-8.666e+04	-1990.78	-1.642e+04
247	11	4.581e+04	-3636.41	-7.89e-03	-0.53	0.0	448.29	-1800.59	-104.95	-8.767e+04	-3636.41	4.581e+04
		-1.354e+04	-6867.73	-1.78e-03		68.9	448.29	81.97	-104.95	-8.737e+04	-6867.73	-1.354e+04
247	12	4.492e+04	2886.17	9.34e-03	-0.52	0.0	676.47	-1888.51	68.07	-8.618e+04	2197.63	4.492e+04
		-1.943e+04	2197.63	-1.12e-03		68.9	676.47	20.31	68.07	-8.595e+04	2886.17	-1.943e+04
247	13	4.271e+04	9436.30	0.01	-0.52	0.0	628.85	-1926.39	15.07	-8.154e+04	5229.65	4.271e+04
		-2.090e+04	5229.65	-9.26e-04		68.9	628.85	-15.47	15.07	-8.125e+04	9436.30	-2.090e+04
247	26	4.953e+04	-7102.66	-9.48e-03	-0.53	0.0	614.68	-1762.54	51.88	-9.558e+04	-7102.66	4.953e+04
		-1.297e+04	-1.535e+04	-1.91e-03		68.9	614.68	125.39	51.88	-9.542e+04	-1.535e+04	-1.297e+04
247	29	4.120e+04	1.137e+04	9.78e-03	-0.52	0.0	510.09	-1926.55	-88.76	-7.827e+04	5663.88	4.120e+04
		-2.000e+04	5663.88	-9.98e-04		68.9	510.09	-23.10	-88.76	-7.790e+04	1.137e+04	-2.000e+04
247	34	5.074e+04	-7322.51	-0.01	-0.53	0.0	577.60	-1744.97	36.00	-9.644e+04	-7322.51	5.074e+04
		-1.384e+04	-1.458e+04	-1.86e-03		68.9	577.60	151.05	36.00	-9.629e+04	-1.458e+04	-1.384e+04
247	43	4.581e+04	-3636.41	-7.89e-03	-0.53	0.0	448.29	-1800.59	-104.95	-8.767e+04	-3636	

		-1.354e+04	-6867.73	-1.78e-03		68.9	448.29	81.97	-104.95	-8.737e+04	-6867.73	-1.342e+04
247	44	4.492e+04	2886.17	9.34e-03	-0.52	0.0	676.47	-1888.51	68.07	-8.618e+04	2197.63	4.492e+04
		-1.943e+04	2197.63	-1.12e-03		68.9	676.47	20.31	68.07	-8.595e+04	2886.17	-1.943e+04
247	45	4.271e+04	9436.30	0.01	-0.52	0.0	628.85	-1926.39	15.07	-8.154e+04	5229.65	4.271e+04
		-2.090e+04	5229.65	-9.26e-04		68.9	628.85	-15.47	15.07	-8.125e+04	9436.30	-2.090e+04
247	58	4.953e+04	-7102.66	-9.48e-03	-0.53	0.0	614.68	-1762.54	51.88	-9.558e+04	-7102.66	4.953e+04
		-1.297e+04	-1.535e+04	-1.91e-03		68.9	614.68	125.39	51.88	-9.542e+04	-1.535e+04	-1.285e+04
247	61	4.120e+04	1.137e+04	9.78e-03	-0.52	0.0	510.09	-1926.55	-88.76	-7.827e+04	5663.88	4.120e+04
		-2.000e+04	5663.88	-9.98e-04		68.9	510.09	-23.10	-88.76	-7.790e+04	1.137e+04	-2.000e+04
247	66	5.074e+04	-7322.51	-0.01	-0.53	0.0	577.60	-1744.97	36.00	-9.644e+04	-7322.51	5.074e+04
		-1.384e+04	-1.458e+04	-1.86e-03		68.9	577.60	151.05	36.00	-9.629e+04	-1.458e+04	-1.367e+04
247	74	4.537e+04	-719.39	1.12e-03	-0.52	0.0	562.38	-1844.55	-18.44	-8.693e+04	-719.39	4.537e+04
		-1.642e+04	-1990.78	-1.45e-03		68.9	562.38	51.14	-18.44	-8.666e+04	-1990.78	-1.642e+04
247	75	4.537e+04	-719.39	1.12e-03	-0.52	0.0	562.38	-1844.55	-18.44	-8.693e+04	-719.39	4.537e+04
		-1.642e+04	-1990.78	-1.45e-03		68.9	562.38	51.14	-18.44	-8.666e+04	-1990.78	-1.642e+04
247	76	4.537e+04	-719.39	1.12e-03	-0.52	0.0	562.38	-1844.55	-18.44	-8.693e+04	-719.39	4.537e+04
		-1.642e+04	-1990.78	-1.45e-03		68.9	562.38	51.14	-18.44	-8.666e+04	-1990.78	-1.642e+04
248	1	5.186e+05	8852.15	-0.01	-0.72	0.0	4324.76	1960.29	-280.60	7.903e+04	8852.15	2.672e+05
		2.672e+05	-1.191e+04	-2.44e-03		74.0	4324.76	4824.06	-280.60	7.902e+04	-1.191e+04	5.186e+05
248	3	4.767e+05	1.693e+04	-8.42e-03	-0.67	0.0	3996.50	1855.99	-37.47	6.479e+04	1.693e+04	2.438e+05
		2.438e+05	1.415e+04	-2.39e-03		74.0	3996.50	4428.72	-37.47	6.486e+04	1.415e+04	4.767e+05
248	4	3.615e+05	1.650e+04	-6.42e-03	-0.51	0.0	2973.97	1411.79	14.35	4.846e+04	1.650e+04	1.846e+05
		1.846e+05	1.544e+04	-1.90e-03		74.0	2973.97	3362.78	14.35	4.852e+04	1.650e+04	3.615e+05
248	5	4.741e+05	5760.18	-7.36e-03	-0.66	0.0	4331.91	1854.86	-165.36	6.243e+04	5760.18	2.432e+05
		2.432e+05	-6476.56	-1.84e-03		74.0	4331.91	4379.32	-165.36	6.248e+04	-6476.56	4.741e+05
248	6	3.590e+05	4272.77	-5.36e-03	-0.50	0.0	3309.38	1410.65	-113.54	4.610e+04	4272.77	1.840e+05
		1.840e+05	-4129.03	-1.35e-03		74.0	3309.38	3313.37	-113.54	4.614e+04	-4129.03	3.590e+05
248	7	3.919e+05	6423.47	-7.51e-03	-0.54	0.0	3317.54	1490.07	-198.08	5.825e+04	6423.47	2.017e+05
		2.017e+05	-8234.91	-1.79e-03		74.0	3317.54	3641.14	-198.08	5.825e+04	-8234.91	3.919e+05
248	8	3.639e+05	1.181e+04	-6.24e-03	-0.51	0.0	3098.69	1420.54	-36.00	4.876e+04	1.181e+04	1.862e+05
		1.862e+05	9141.96	-1.75e-03		74.0	3098.69	3377.58	-36.00	4.881e+04	9141.96	3.639e+05
248	9	3.622e+05	4362.15	-5.53e-03	-0.50	0.0	3322.30	1419.79	-121.26	4.719e+04	4362.15	1.857e+05
		1.857e+05	-4611.13	-1.38e-03		74.0	3322.30	3344.65	-121.26	4.723e+04	-4611.13	3.622e+05
248	13	3.420e+05	-8552.57	0.01	-0.50	0.0	3799.44	1197.07	-84.12	5.837e+04	-8552.57	1.792e+05
		1.792e+05	-2.375e+04	-6.87e-04		74.0	3799.44	3145.64	-84.12	5.840e+04	-2.375e+04	3.420e+05
248	34	3.861e+05	2.546e+04	-4.83e-03	-0.51	0.0	2333.16	1718.39	-2.77	3.966e+04	2.546e+04	1.909e+05
		1.909e+05	2.322e+04	-1.81e-03		74.0	2333.16	3594.32	-2.77	3.972e+04	2.322e+04	3.861e+05
248	38	3.846e+05	2.581e+04	-5.03e-03	-0.51	0.0	2328.89	1695.16	-8.73	4.060e+04	2.581e+04	1.906e+05
		1.906e+05	2.306e+04	-1.78e-03		74.0	2328.89	3576.93	-8.73	4.067e+04	2.581e+04	3.846e+05
248	41	3.399e+05	-1.433e+04	0.01	-0.50	0.0	4315.71	1144.42	-233.79	5.378e+04	-1.433e+04	1.809e+05
		1.809e+05	-3.503e+04	-9.87e-04		74.0	4315.71	3112.37	-233.79	5.379e+04	-3.503e+04	3.399e+05
248	45	3.420e+05	-8552.57	0.01	-0.50	0.0	3799.44	1197.07	-84.12	5.837e+04	-8552.57	1.792e+05
		1.792e+05	-2.375e+04	-6.87e-04		74.0	3799.44	3145.64	-84.12	5.840e+04	-2.375e+04	3.420e+05
248	66	3.861e+05	2.546e+04	-4.83e-03	-0.51	0.0	2333.16	1718.39	-2.77	3.966e+04	2.546e+04	1.909e+05
		1.909e+05	2.322e+04	-1.81e-03		74.0	2333.16	3594.32	-2.77	3.972e+04	2.322e+04	3.861e+05
248	70	3.846e+05	2.581e+04	-5.03e-03	-0.51	0.0	2328.89	1695.16	-8.73	4.060e+04	2.581e+04	1.906e+05
		1.906e+05	2.306e+04	-1.78e-03		74.0	2328.89	3576.93	-8.73	4.067e+04	2.581e+04	3.846e+05
248	73	3.399e+05	-1.433e+04	0.01	-0.50	0.0	4315.71	1144.42	-233.79	5.378e+04	-1.433e+04	1.809e+05
		1.809e+05	-3.503e+04	-9.87e-04		74.0	4315.71	3112.37	-233.79	5.379e+04	-3.503e+04	3.399e+05
248	74	3.622e+05	4362.15	-5.53e-03	-0.50	0.0	3322.30	1419.79	-121.26	4.719e+04	4362.15	1.857e+05
		1.857e+05	-4611.13	-1.38e-03		74.0	3322.30	3344.65	-121.26	4.723e+04	-4611.13	3.622e+05
248	75	3.622e+05	4362.15	-5.53e-03	-0.50	0.0	3322.30	1419.79	-121.26	4.719e+04	4362.15	1.857e+05
		1.857e+05	-4611.13	-1.38e-03		74.0	3322.30	3344.65	-121.26	4.723e+04	-4611.13	3.622e+05
248	76	3.622e+05	4362.15	-5.53e-03	-0.50	0.0	3322.30	1419.79	-121.26	4.719e+04	4362.15	1.857e+05
		1.857e+05	-4611.13	-1.38e-03		74.0	3322.30	3344.65	-121.26	4.723e+04	-4611.13	3.622e+05
250	1	1.162e+06	9.790e+04	7.68e-03	-0.75	0.0	-9727.03	4396.39	596.95	-7228.49	5.674e+04	8.106e+05
		8.106e+05	5.674e+04	-4.26e-04		68.9	-9727.03	5787.29	596.95	-7054.01	9.790e+04	1.162e+06
250	2	9.124e+05	7.261e+04	6.18e-03	-0.59	0.0	-7485.73	3561.17	447.76	-3648.64	4.174e+04	6.299e+05
		6.299e+05	4.174e+04	-3.42e-04		68.9	-7485.73	4628.00	447.76	-3496.89	7.261e+04	9.124e+05
250	3	1.083e+06	1.430e+05	5.04e-03	-0.69	0.0	-1.007e+04	3902.57	810.68	-1.283e+04	8.708e+04	7.617e+05
		7.617e+05	8.708e+04	-5.04e-04		68.9	-1.007e+04	5404.20	810.68	-1.271e+04	1.430e+05	1.083e+06
250	4	8.332e+05	1.177e+05	3.53e-03	-0.53	0.0	-7826.60	3067.34	661.49	-9254.08	7.207e+04	5.810e+05
		5.810e+05	7.207e+04	-4.19e-04		68.9	-7826.60	4244.92	661.49	-9155.14	1.177e+05	8.332e+05
250	7	8.764e+05	7.810e+04	5.56e-03	-0.57	0.0	-7493.50	3229.38	471.50	-7115.81	4.559e+04	6.164e+05
		6.164e+05	4.559e+04	-3.18e-04		68.9	-7493.50	4306.97	471.50	-6997.63	7.810e+04	8.764e+05
250	8	8.236e+05	1.081e+05	3.79e-03	-0.53	0.0	-7720.75	2900.17	613.99	-1.085e+04	6.582e+04	5.838e+05
		5.838e+05	6.582e+04	-3.70e-04		68.9	-7720.75	4051.58	613.99	-1.077e+04	1.081e+05	8.236e+05
250	11	8.416e+05	1.359e+05	-7.58e-03	-0.52	0.0	-4049.86	2609.93	755.62	-3.425e+04	8.409e+04	6.257e+05
		6.257e+05	8.409e+04	-8.46e-04		68.9	-4049.86	3722.22	755.62	-3.422e+04	1.359e+05	8.416e+05
250	18	9.806e+05	1.167e+05	-0.01	-0.52	0.0	-4711.34	3326.67	688.59	-3.748e+04	6.937e+04	7.148e+05
		7.148e+05	6.937e+04	-8.80e-04		68.9	-4711.34	4437.38	688.59	-3.746e+04	1.081e+05	9.806e+05
250	19	9.127e+05	1.348e+05	-6.74e-03	-0.52	0.0	-3936.23	2927.27	746.43	-2.642e+04	8.367e+04	6.740e+05
		6.740e+05	8.367e+04	-9.03e-04		68.9	-3936.23	4041.50	746.43	-2.638e+04	1.348e+05	9.127e+05
250	20	6.724e+05	4.746e+04	7.57e-03	-0.52	0.0	-1.111e+04	2017.26	310.16	-3496.43	2.575e+04	4.936e+05
		4.936e+05	2.575e+04	3.71e-04		68.9	-1.111e+04	3117.42	310.16	-3450.10	4.746e+04	6.724e+05
250	21	6.046e+05	6.552e+04	0.01	-0.52	0.0	-1.034e+04	1617.86	368.00	7564.29	4.004e+04	4.528e+05
		4.528e+05	4.004e+04	3.47e-04		68.9	-1.034e+04	2721.55	368.00			

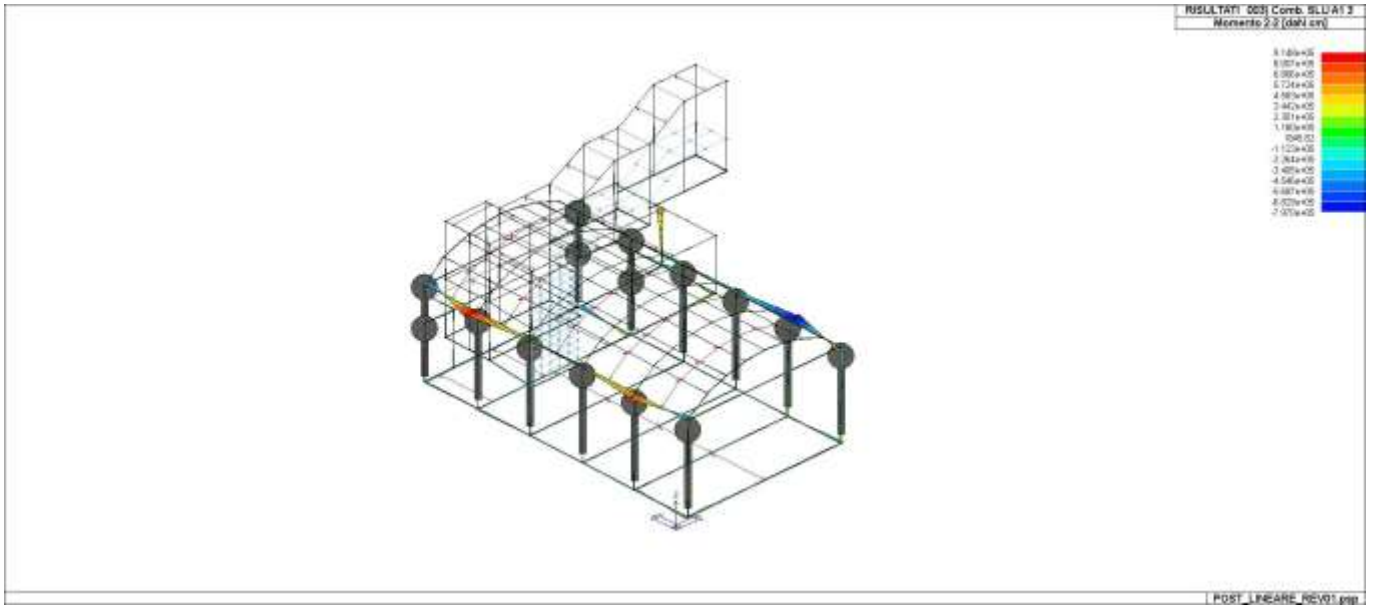
250	36	8.419e+05	5.060e+04	-0.01	-0.52	0.0	-9288.16	2909.48	380.31	-2.359e+04	2.416e+04	6.048e+05
		6.048e+05	2.416e+04	1.99e-04		68.9	-9288.16	4002.20	380.31	-2.345e+04	5.060e+04	8.419e+05
250	43	8.416e+05	1.359e+05	-7.58e-03	-0.52	0.0	-4049.86	2609.93	755.62	-3.425e+04	8.409e+04	6.257e+05
		6.257e+05	8.409e+04	-8.46e-04		68.9	-4049.86	3722.22	755.62	-3.422e+04	1.359e+05	8.416e+05
250	50	9.806e+05	1.167e+05	-0.01	-0.52	0.0	-4711.34	3326.67	688.59	-3.748e+04	6.937e+04	7.148e+05
		7.148e+05	6.937e+04	-8.80e-04		68.9	-4711.34	4437.38	688.59	-3.746e+04	1.167e+05	9.806e+05
250	51	9.127e+05	1.348e+05	-6.74e-03	-0.52	0.0	-3936.23	2927.27	746.43	-2.642e+04	8.367e+04	6.740e+05
		6.740e+05	8.367e+04	-9.03e-04		68.9	-3936.23	4041.50	746.43	-2.638e+04	1.348e+05	9.127e+05
250	52	6.724e+05	4.746e+04	7.57e-03	-0.52	0.0	-1.111e+04	2017.26	310.16	-3496.43	2.575e+04	4.936e+05
		4.936e+05	2.575e+04	3.71e-04		68.9	-1.111e+04	3117.42	310.16	-3450.10	4.746e+04	6.724e+05
250	53	6.046e+05	6.552e+04	0.01	-0.52	0.0	-1.034e+04	1617.86	368.00	7564.29	4.004e+04	4.528e+05
		4.528e+05	4.004e+04	3.47e-04		68.9	-1.034e+04	2721.55	368.00	7622.39	6.552e+04	6.046e+05
250	68	8.419e+05	5.060e+04	-0.01	-0.52	0.0	-9288.16	2909.48	380.31	-2.359e+04	2.416e+04	6.048e+05
		6.048e+05	2.416e+04	1.99e-04		68.9	-9288.16	4002.20	380.31	-2.345e+04	5.060e+04	8.419e+05
250	74	7.926e+05	9.113e+04	4.00e-03	-0.52	0.0	-7525.34	2472.27	528.29	-1.496e+04	5.471e+04	5.838e+05
		5.838e+05	5.471e+04	-2.68e-04		68.9	-7525.34	3579.46	528.29	-1.492e+04	9.113e+04	7.926e+05
250	75	7.926e+05	9.113e+04	4.00e-03	-0.52	0.0	-7525.34	2472.27	528.29	-1.496e+04	5.471e+04	5.838e+05
		5.838e+05	5.471e+04	-2.68e-04		68.9	-7525.34	3579.46	528.29	-1.492e+04	9.113e+04	7.926e+05
250	76	7.926e+05	9.113e+04	4.00e-03	-0.52	0.0	-7525.34	2472.27	528.29	-1.496e+04	5.471e+04	5.838e+05
		5.838e+05	5.471e+04	-2.68e-04		68.9	-7525.34	3579.46	528.29	-1.492e+04	9.113e+04	7.926e+05
253	1	-5.477e+04	-2.499e+04	-2.74e-03	-0.69	0.0	662.42	-2300.22	67.32	984.25	-3.007e+04	-5.477e+04
		-1.268e+05	-3.007e+04	-3.19e-03		75.6	662.42	470.06	67.32	1487.30	-2.499e+04	-1.238e+05
253	3	-5.642e+04	-2.889e+04	-7.75e-04	-0.65	0.0	466.58	-2133.09	-84.83	-1.258e+04	-2.889e+04	-5.642e+04
		-1.240e+05	-3.530e+04	-2.31e-03		75.6	466.58	408.03	-84.83	-1.221e+04	-3.530e+04	-1.216e+05
253	4	-4.426e+04	-2.362e+04	-3.29e-04	-0.50	0.0	312.86	-1625.86	-99.60	-1.236e+04	-2.362e+04	-4.426e+04
		-9.584e+04	-3.114e+04	-1.65e-03		75.6	312.86	307.63	-99.60	-1.208e+04	-3.114e+04	-9.405e+04
253	6	-3.897e+04	-1.239e+04	-7.34e-04	-0.49	0.0	472.38	-1580.59	17.36	-3812.90	-1.370e+04	-3.897e+04
		-8.901e+04	-1.370e+04	-1.72e-03		75.6	472.38	302.81	17.36	-3553.04	-1.239e+04	-8.721e+04
253	7	-4.160e+04	-1.821e+04	-1.87e-03	-0.53	0.0	501.81	-1736.56	44.98	-65.28	-2.161e+04	-4.160e+04
		-9.606e+04	-2.161e+04	-2.32e-03		75.6	501.81	351.53	44.98	300.08	-1.821e+04	-9.385e+04
253	8	-4.270e+04	-2.082e+04	-5.62e-04	-0.50	0.0	371.25	-1625.14	-56.46	-9110.44	-2.082e+04	-4.270e+04
		-9.418e+04	-2.508e+04	-1.74e-03		75.6	371.25	310.18	-56.46	-8828.24	-2.508e+04	-9.236e+04
253	9	-3.917e+04	-1.258e+04	-8.32e-04	-0.49	0.0	477.60	-1594.96	21.52	-3413.42	-1.421e+04	-3.917e+04
		-8.962e+04	-1.421e+04	-1.78e-03		75.6	477.60	306.96	21.52	-3144.83	-1.258e+04	-8.780e+04
253	26	-9594.29	-3.994e+04	4.45e-03	-0.51	0.0	-18.34	-1554.93	-319.38	-6.074e+04	-3.994e+04	-9594.29
		-6.193e+04	-6.816e+04	-2.37e-03		75.6	-18.34	356.06	-319.38	-6.078e+04	-6.816e+04	-6.057e+04
253	29	-6.875e+04	4.300e+04	-3.97e-03	-0.48	0.0	973.54	-1634.99	362.43	5.392e+04	1.153e+04	-6.875e+04
		-1.175e+05	1.153e+04	-1.19e-03		75.6	973.54	257.86	362.43	5.449e+04	4.300e+04	-1.150e+05
253	38	-1.138e+04	-4.542e+04	3.61e-03	-0.51	0.0	-96.52	-1566.94	-358.17	-5.302e+04	-4.542e+04	-1.138e+04
		-6.385e+04	-7.881e+04	-2.27e-03		75.6	-96.52	369.28	-358.17	-5.306e+04	-7.881e+04	-6.259e+04
253	41	-6.697e+04	5.365e+04	-3.66e-03	-0.48	0.0	1051.72	-1622.98	401.21	4.619e+04	1.701e+04	-6.697e+04
		-1.156e+05	1.701e+04	-1.30e-03		75.6	1051.72	244.64	401.21	4.677e+04	5.365e+04	-1.130e+05
253	58	-9594.29	-3.994e+04	4.45e-03	-0.51	0.0	-18.34	-1554.93	-319.38	-6.074e+04	-3.994e+04	-9594.29
		-6.193e+04	-6.816e+04	-2.37e-03		75.6	-18.34	356.06	-319.38	-6.078e+04	-6.816e+04	-6.057e+04
253	61	-6.875e+04	4.300e+04	-3.97e-03	-0.48	0.0	973.54	-1634.99	362.43	5.392e+04	1.153e+04	-6.875e+04
		-1.175e+05	1.153e+04	-1.19e-03		75.6	973.54	257.86	362.43	5.449e+04	4.300e+04	-1.150e+05
253	70	-1.138e+04	-4.542e+04	3.61e-03	-0.51	0.0	-96.52	-1566.94	-358.17	-5.302e+04	-4.542e+04	-1.138e+04
		-6.385e+04	-7.881e+04	-2.27e-03		75.6	-96.52	369.28	-358.17	-5.306e+04	-7.881e+04	-6.259e+04
253	73	-6.697e+04	5.365e+04	-3.66e-03	-0.48	0.0	1051.72	-1622.98	401.21	4.619e+04	1.701e+04	-6.697e+04
		-1.156e+05	1.701e+04	-1.30e-03		75.6	1051.72	244.64	401.21	4.677e+04	5.365e+04	-1.130e+05
253	74	-3.917e+04	-1.258e+04	-8.32e-04	-0.49	0.0	477.60	-1594.96	21.52	-3413.42	-1.421e+04	-3.917e+04
		-8.962e+04	-1.421e+04	-1.78e-03		75.6	477.60	306.96	21.52	-3144.83	-1.258e+04	-8.780e+04
253	75	-3.917e+04	-1.258e+04	-8.32e-04	-0.49	0.0	477.60	-1594.96	21.52	-3413.42	-1.421e+04	-3.917e+04
		-8.962e+04	-1.421e+04	-1.78e-03		75.6	477.60	306.96	21.52	-3144.83	-1.258e+04	-8.780e+04
253	76	-3.917e+04	-1.258e+04	-8.32e-04	-0.49	0.0	477.60	-1594.96	21.52	-3413.42	-1.421e+04	-3.917e+04
		-8.962e+04	-1.421e+04	-1.78e-03		75.6	477.60	306.96	21.52	-3144.83	-1.258e+04	-8.780e+04
254	1	-2.535e+04	8149.61	3.59e-03	-0.75	0.0	177.46	-1979.24	51.51	-1.206e+05	4597.61	-2.535e+04
		-2.250e+04	4597.61	-2.80e-03		68.9	177.46	879.15	51.51	-1.202e+05	8149.61	-2.535e+04
254	4	-1.571e+04	-1.100e+04	7.29e-04	-0.53	0.0	32.50	-1288.07	-109.90	-7.971e+04	-1.100e+04	-1.571e+04
		-4.529e+04	-1.857e+04	-1.88e-03		68.9	32.50	642.34	-109.90	-7.945e+04	-1.857e+04	-3.794e+04
254	7	-1.885e+04	4681.82	2.45e-03	-0.57	0.0	130.41	-1468.09	27.00	-9.028e+04	2820.31	-1.885e+04
		-5.349e+04	2820.31	-2.02e-03		68.9	130.41	673.34	27.00	-8.998e+04	4681.82	-4.617e+04
254	8	-1.614e+04	-7270.81	9.25e-04	-0.53	0.0	55.56	-1281.53	-80.76	-8.044e+04	-7270.81	-1.614e+04
		-4.537e+04	-1.284e+04	-1.78e-03		68.9	55.56	651.40	-80.76	-8.019e+04	-1.284e+04	-3.784e+04
254	10	-1.188e+04	-9240.82	-8.28e-03	-0.53	0.0	-42.59	-1144.51	-64.05	-8.422e+04	-1.232e+04	-1.188e+04
		-3.624e+04	-1.232e+04	-2.07e-03		68.9	-42.59	734.53	-64.05	-8.404e+04	-9240.82	-2.647e+04
254	17	-2.057e+04	1.386e+04	0.01	-0.52	0.0	233.61	-1309.32	4.97	-7.523e+04	1.123e+04	-2.057e+04
		-5.134e+04	1.123e+04	-8.66e-04		68.9	233.61	587.87	4.97	-7.497e+04	1.386e+04	-4.497e+04
254	26	-1.279e+04	1.117e+04	-8.48e-03	-0.53	0.0	-52.66	-1155.62	48.69	-8.722e+04	-1.362e+04	-1.279e+04
		-3.778e+04	-1.362e+04	-1.98e-03		68.9	-52.66	731.11	48.69	-8.711e+04	1.117e+04	-2.824e+04
254	29	-1.990e+04	1.283e+04	9.16e-03	-0.52	0.0	249.79	-1293.28	-112.27	-7.220e+04	1.283e+04	-1.990e+04
		-4.967e+04	-1.634e+04	-9.50e-04		68.9	249.79	599.25	-112.27	-7.188e+04	-1.634e+04	-4.295e+04
254	31	-1.819e+04	7668.78	5.57e-03	-0.52	0.0	191.29	-1260.00	-108.42	-7.471e+04	7668.78	-1.819e+04
		-4.657e+04	-2.365e+04	-1.21e-03		68.9	191.29	628.29	-108.42	-7.440e+04	-2.365e+04	-3.923e+04
254	32	-1.450e+04	1.847e+04	-5.49e-03	-0.52	0.0	5.84	-1188.90	44.83	-8.471e+04	-8462.46	-1.450e+04
		-4.077e+04	-8462.46	-1.71e-03		68.9	5.84	702.07	44.83	-8.459e+04	1.847e+04	-3.196e+04
254	42	-1.188e+04	-9240.82	-8.28e-03	-0.53	0.0	-42.					

		-3.624e+04	-1.232e+04	-2.07e-03		68.9	-42.59	734.53	-64.05	-8.404e+04	-9240.82	-2.647e+04
254	49	-2.057e+04	1.386e+04	0.01	-0.52	0.0	233.61	-1309.32	4.97	-7.523e+04	1.123e+04	-2.057e+04
		-5.134e+04	1.123e+04	-8.66e-04		68.9	233.61	587.87	4.97	-7.497e+04	1.386e+04	-4.497e+04
254	58	-1.279e+04	1.117e+04	-8.48e-03	-0.53	0.0	-52.66	-1155.62	48.69	-8.722e+04	-1.362e+04	-1.279e+04
		-3.778e+04	-1.362e+04	-1.98e-03		68.9	-52.66	731.11	48.69	-8.711e+04	1.117e+04	-2.824e+04
254	61	-1.990e+04	1.283e+04	9.16e-03	-0.52	0.0	249.79	-1293.28	-112.27	-7.220e+04	1.283e+04	-1.990e+04
		-4.967e+04	-1.634e+04	-9.50e-04		68.9	249.79	599.25	-112.27	-7.188e+04	-1.634e+04	-4.295e+04
254	63	-1.819e+04	7668.78	5.57e-03	-0.52	0.0	191.29	-1260.00	-108.42	-7.471e+04	7668.78	-1.819e+04
		-4.657e+04	-2.365e+04	-1.21e-03		68.9	191.29	628.29	-108.42	-7.440e+04	-2.365e+04	-3.923e+04
254	64	-1.450e+04	1.847e+04	-5.49e-03	-0.52	0.0	5.84	-1188.90	44.83	-8.471e+04	-8462.46	-1.450e+04
		-4.077e+04	-8462.46	-1.71e-03		68.9	5.84	702.07	44.83	-8.459e+04	1.847e+04	-3.196e+04
254	74	-1.635e+04	-396.84	1.05e-03	-0.52	0.0	98.57	-1224.45	-31.79	-7.971e+04	-396.84	-1.635e+04
		-4.364e+04	-2588.80	-1.46e-03		68.9	98.57	665.18	-31.79	-7.949e+04	-2588.80	-3.559e+04
254	75	-1.635e+04	-396.84	1.05e-03	-0.52	0.0	98.57	-1224.45	-31.79	-7.971e+04	-396.84	-1.635e+04
		-4.364e+04	-2588.80	-1.46e-03		68.9	98.57	665.18	-31.79	-7.949e+04	-2588.80	-3.559e+04
254	76	-1.635e+04	-396.84	1.05e-03	-0.52	0.0	98.57	-1224.45	-31.79	-7.971e+04	-396.84	-1.635e+04
		-4.364e+04	-2588.80	-1.46e-03		68.9	98.57	665.18	-31.79	-7.949e+04	-2588.80	-3.559e+04
255	1	5.184e+05	-1.599e+04	-0.01	-0.71	0.0	5803.88	-3252.13	-245.81	9.022e+04	-1.599e+04	5.184e+05
		3.817e+05	-3.418e+04	-2.56e-03		74.0	5803.88	-454.58	-245.81	9.026e+04	-3.418e+04	3.817e+05
255	4	3.614e+05	1.961e+04	-7.65e-03	-0.50	0.0	4037.90	-2178.65	77.45	5.582e+04	1.388e+04	3.614e+05
		2.711e+05	1.388e+04	-1.75e-03		74.0	4037.90	-269.22	77.45	5.591e+04	1.961e+04	2.711e+05
255	6	3.589e+05	-6694.87	-6.58e-03	-0.49	0.0	4414.32	-2132.00	-62.48	5.371e+04	-6694.87	3.589e+05
		2.705e+05	-1.132e+04	-1.39e-03		74.0	4414.32	-264.55	-62.48	5.379e+04	-1.132e+04	2.705e+05
255	7	3.917e+05	-1.127e+04	-8.84e-03	-0.53	0.0	4448.49	-2437.96	-167.23	6.669e+04	-1.127e+04	3.917e+05
		2.894e+05	-2.365e+04	-1.87e-03		74.0	4448.49	-335.19	-167.23	6.673e+04	-2.365e+04	2.894e+05
255	8	3.638e+05	8087.06	-7.47e-03	-0.50	0.0	4180.89	-2190.09	21.48	5.628e+04	6497.42	3.638e+05
		2.729e+05	6497.42	-1.68e-03		74.0	4180.89	-273.54	21.48	5.636e+04	8087.06	2.729e+05
255	9	3.621e+05	-7221.09	-6.76e-03	-0.50	0.0	4431.83	-2158.99	-71.80	5.487e+04	-7221.09	3.621e+05
		2.725e+05	-1.253e+04	-1.43e-03		74.0	4431.83	-270.43	-71.80	5.495e+04	-1.253e+04	2.725e+05
255	34	3.860e+05	2.319e+04	-6.47e-03	-0.51	0.0	3156.80	-1636.95	48.64	4.691e+04	2.319e+04	3.860e+05
		3.299e+05	2.021e+04	-1.72e-03		74.0	3156.80	174.01	48.64	4.699e+04	2.021e+04	3.304e+05
255	37	3.383e+05	-3.763e+04	0.01	-0.49	0.0	5706.85	-2681.02	-192.25	6.284e+04	-3.763e+04	3.383e+05
		2.146e+05	-4.528e+04	-1.15e-03		74.0	5706.85	-714.86	-192.25	6.291e+04	-4.528e+04	2.146e+05
255	38	3.844e+05	2.358e+04	-6.75e-03	-0.51	0.0	3154.95	-1675.35	41.74	4.793e+04	2.358e+04	3.844e+05
		3.254e+05	1.893e+04	-1.70e-03		74.0	3154.95	137.10	41.74	4.801e+04	1.893e+04	3.258e+05
255	39	3.463e+05	-2.987e+04	-0.01	-0.49	0.0	5492.62	-2583.34	-275.27	5.736e+04	-2.987e+04	3.463e+05
		2.274e+05	-5.720e+04	-1.46e-03		74.0	5492.62	-631.59	-275.27	5.743e+04	-5.720e+04	2.274e+05
255	40	3.780e+05	3.213e+04	6.13e-03	-0.51	0.0	3371.04	-1734.63	131.66	5.239e+04	1.543e+04	3.780e+05
		3.174e+05	1.543e+04	-1.40e-03		74.0	3371.04	90.74	131.66	5.246e+04	3.213e+04	3.176e+05
255	41	3.399e+05	-3.802e+04	0.01	-0.49	0.0	5708.71	-2642.62	-185.35	6.182e+04	-3.802e+04	3.399e+05
		2.192e+05	-4.400e+04	-1.17e-03		74.0	5708.71	-677.95	-185.35	6.188e+04	-4.400e+04	2.192e+05
255	66	3.860e+05	2.319e+04	-6.47e-03	-0.51	0.0	3156.80	-1636.95	48.64	4.691e+04	2.319e+04	3.860e+05
		3.299e+05	2.021e+04	-1.72e-03		74.0	3156.80	174.01	48.64	4.699e+04	2.021e+04	3.304e+05
255	69	3.383e+05	-3.763e+04	0.01	-0.49	0.0	5706.85	-2681.02	-192.25	6.284e+04	-3.763e+04	3.383e+05
		2.146e+05	-4.528e+04	-1.15e-03		74.0	5706.85	-714.86	-192.25	6.291e+04	-4.528e+04	2.146e+05
255	70	3.844e+05	2.358e+04	-6.75e-03	-0.51	0.0	3154.95	-1675.35	41.74	4.793e+04	2.358e+04	3.844e+05
		3.254e+05	1.893e+04	-1.70e-03		74.0	3154.95	137.10	41.74	4.801e+04	1.893e+04	3.258e+05
255	71	3.463e+05	-2.987e+04	-0.01	-0.49	0.0	5492.62	-2583.34	-275.27	5.736e+04	-2.987e+04	3.463e+05
		2.274e+05	-5.720e+04	-1.46e-03		74.0	5492.62	-631.59	-275.27	5.743e+04	-5.720e+04	2.274e+05
255	72	3.780e+05	3.213e+04	6.13e-03	-0.51	0.0	3371.04	-1734.63	131.66	5.239e+04	1.543e+04	3.780e+05
		3.174e+05	1.543e+04	-1.40e-03		74.0	3371.04	90.74	131.66	5.246e+04	3.213e+04	3.176e+05
255	73	3.399e+05	-3.802e+04	0.01	-0.49	0.0	5708.71	-2642.62	-185.35	6.182e+04	-3.802e+04	3.399e+05
		2.192e+05	-4.400e+04	-1.17e-03		74.0	5708.71	-677.95	-185.35	6.188e+04	-4.400e+04	2.192e+05
255	74	3.621e+05	-7221.09	-6.76e-03	-0.50	0.0	4431.83	-2158.99	-71.80	5.487e+04	-7221.09	3.621e+05
		2.725e+05	-1.253e+04	-1.43e-03		74.0	4431.83	-270.43	-71.80	5.495e+04	-1.253e+04	2.725e+05
255	75	3.621e+05	-7221.09	-6.76e-03	-0.50	0.0	4431.83	-2158.99	-71.80	5.487e+04	-7221.09	3.621e+05
		2.725e+05	-1.253e+04	-1.43e-03		74.0	4431.83	-270.43	-71.80	5.495e+04	-1.253e+04	2.725e+05
255	76	3.621e+05	-7221.09	-6.76e-03	-0.50	0.0	4431.83	-2158.99	-71.80	5.487e+04	-7221.09	3.621e+05
		2.725e+05	-1.253e+04	-1.43e-03		74.0	4431.83	-270.43	-71.80	5.495e+04	-1.253e+04	2.725e+05
259	1	2.793e+05	3.896e+04	4.91e-03	-0.65	0.0	535.25	-6674.26	-196.81	-6.767e+04	3.896e+04	2.793e+05
		-3.915e+05	-3.539e+04	-0.01		377.8	535.25	5858.82	-196.81	-6.458e+04	-3.539e+04	1.210e+05
259	3	2.062e+05	4.051e+04	0.02	-0.62	0.0	498.25	-5894.40	-207.97	-7.610e+04	4.051e+04	2.062e+05
		-3.691e+05	-3.806e+04	-0.01		377.8	498.25	5643.27	-207.97	-7.358e+04	-3.806e+04	1.434e+05
259	6	1.662e+05	1.551e+04	0.01	-0.47	0.0	288.57	-4470.51	-82.82	-5.061e+04	1.551e+04	1.662e+05
		-2.752e+05	-1.578e+04	-7.70e-03		377.8	288.57	4150.65	-82.82	-4.889e+04	-1.578e+04	9.629e+04
259	7	2.064e+05	2.768e+04	4.79e-03	-0.50	0.0	391.71	-5018.46	-140.55	-5.182e+04	2.768e+04	2.064e+05
		-2.963e+05	-2.542e+04	-0.01		377.8	391.71	4444.89	-140.55	-4.955e+04	-2.542e+04	9.366e+04
259	8	1.576e+05	2.871e+04	0.01	-0.48	0.0	367.05	-4498.56	-147.99	-5.744e+04	2.871e+04	1.576e+05
		-2.817e+05	-2.719e+04	-7.72e-03		377.8	367.05	4301.20	-147.99	-5.555e+04	-2.719e+04	1.086e+05
259	9	1.699e+05	1.619e+04	9.60e-03	-0.47	0.0	295.31	-4521.34	-86.01	-5.069e+04	1.619e+04	1.699e+05
		-2.771e+05	-1.630e+04	-7.96e-03		377.8	295.31	4177.66	-86.01	-4.892e+04	-1.630e+04	9.600e+04
259	26	2.882e+05	7.043e+04	-0.02	-0.51	0.0	626.27	-4146.85	-354.26	-1.028e+05	7.043e+04	2.882e+05
		-2.504e+05	-6.341e+04	-9.46e-03		377.8	626.27	5195.01	-354.26	-1.021e+05	-6.341e+04	2.131e+05
259	34	2.632e+05	8.205e+04	-0.02	-0.51	0.0	694.63	-4232.45	-412.43	-9.290e+04	8.205e+04	2.632e+05
		-2.455e+05	-7.376e+04	-7.98e-03		377.8	694.63	5143.35	-412.43	-9.238e+04	-7.376e+04	1.935e+05
259	37	7.660e+04	4.116e+04	7.45e-03	-0.44	0.0	-104.01	-4810.24	240.42	-8480.45	-4.967e+04	7.660e+04
		-3.179e+05	-4.967e+04	-7.94e-03		377.8	-104.01	3211.96	2			

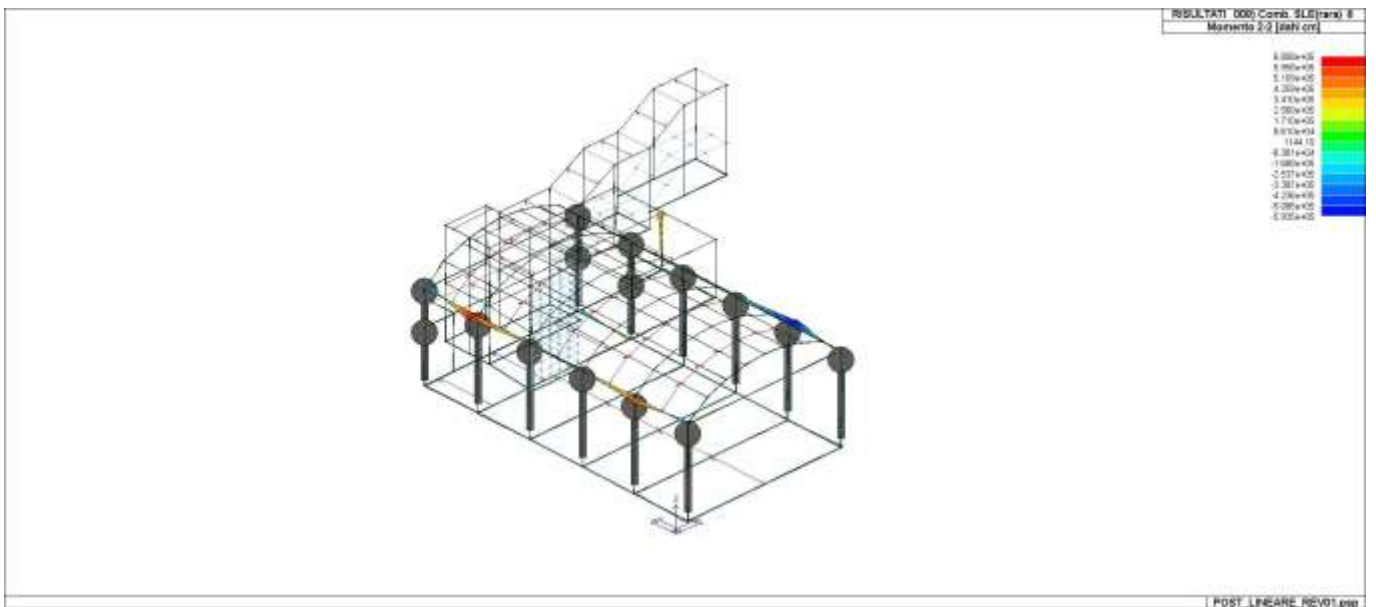
259	38	2.604e+05	8.230e+04	-0.02	-0.51	0.0	692.00	-4245.60	-413.48	-9.149e+04	8.230e+04	2.604e+05	
		-2.467e+05	-7.391e+04	-8.00e-03		377.8	692.00	5108.16		-413.48	-9.095e+04	-7.391e+04	1.903e+05
259	58	2.882e+05	7.043e+04	-0.02	-0.51	0.0	626.27	-4146.85	-354.26	-1.028e+05	7.043e+04	2.882e+05	
		-2.504e+05	-6.341e+04	-9.46e-03		377.8	626.27	5195.01		-354.26	-1.021e+05	-6.341e+04	2.131e+05
259	66	2.632e+05	8.205e+04	-0.02	-0.51	0.0	694.63	-4232.45	-412.43	-9.290e+04	8.205e+04	2.632e+05	
		-2.455e+05	-7.376e+04	-7.98e-03		377.8	694.63	5143.35		-412.43	-9.238e+04	-7.376e+04	1.935e+05
259	69	7.660e+04	4.116e+04	7.45e-03	-0.44	0.0	-104.01	-4810.24	240.42	-8480.45	4.967e+04	7.660e+04	
		-3.179e+05	-4.967e+04	-7.94e-03		377.8	-104.01	3211.96		240.42	-5459.86	4.116e+04	-1555.99
259	70	2.604e+05	8.230e+04	-0.02	-0.51	0.0	692.00	-4245.60	-413.48	-9.149e+04	8.230e+04	2.604e+05	
		-2.467e+05	-7.391e+04	-8.00e-03		377.8	692.00	5108.16		-413.48	-9.095e+04	-7.391e+04	1.903e+05
259	74	1.699e+05	1.619e+04	9.60e-03	-0.47	0.0	295.31	-4521.34	-86.01	-5.069e+04	1.619e+04	1.699e+05	
		-2.771e+05	-1.630e+04	-7.96e-03		377.8	295.31	4177.66		-86.01	-4.892e+04	-1.630e+04	9.600e+04
259	75	1.699e+05	1.619e+04	9.60e-03	-0.47	0.0	295.31	-4521.34	-86.01	-5.069e+04	1.619e+04	1.699e+05	
		-2.771e+05	-1.630e+04	-7.96e-03		377.8	295.31	4177.66		-86.01	-4.892e+04	-1.630e+04	9.600e+04
259	76	1.699e+05	1.619e+04	9.60e-03	-0.47	0.0	295.31	-4521.34	-86.01	-5.069e+04	1.619e+04	1.699e+05	
		-2.771e+05	-1.630e+04	-7.96e-03		377.8	295.31	4177.66		-86.01	-4.892e+04	-1.630e+04	9.600e+04
260	1	5693.07	3286.53	-0.01	-0.69	0.0	313.29	-1432.93	388.56	1.192e+05	-2.780e+04	4400.46	
		-2.380e+04	-2.780e+04	-3.60e-03		80.0	313.29	1451.95		388.56	1.191e+05	3286.53	5693.07
260	3	3120.31	-3441.32	-9.23e-03	-0.65	0.0	160.75	-1170.21	425.38	1.178e+05	-3.747e+04	-1.001e+04	
		-3.045e+04	-3.747e+04	-2.75e-03		80.0	160.75	1488.60		425.38	1.178e+05	-3441.32	3120.31
260	4	1860.23	-4428.32	-6.81e-03	-0.49	0.0	94.65	-861.58	353.66	9.125e+04	-3.272e+04	-1.049e+04	
		-2.502e+04	-3.272e+04	-2.02e-03		80.0	94.65	1162.99		353.66	9.128e+04	-4428.32	1860.23
260	5	4833.25	3312.16	-8.81e-03	-0.64	0.0	239.57	-1230.06	277.01	1.108e+05	-1.885e+04	-1370.25	
		-2.433e+04	-1.885e+04	-2.67e-03		80.0	239.57	1375.75		277.01	1.108e+05	3312.16	4833.25
260	7	4228.18	2433.92	-9.04e-03	-0.52	0.0	228.73	-1070.68	284.06	9.040e+04	-2.029e+04	2447.93	
		-1.842e+04	-2.029e+04	-2.62e-03		80.0	228.73	1105.54		284.06	9.036e+04	2433.92	4228.18
260	8	2513.01	-2051.31	-6.89e-03	-0.50	0.0	127.04	-895.53	308.61	8.946e+04	-2.674e+04	-7158.41	
		-2.287e+04	-2.674e+04	-2.05e-03		80.0	127.04	1129.97		308.61	8.948e+04	-2051.31	2513.01
260	9	3654.97	2451.01	-6.61e-03	-0.49	0.0	179.58	-935.43	209.69	8.481e+04	-1.432e+04	-1399.21	
		-1.879e+04	-1.432e+04	-2.00e-03		80.0	179.58	1054.74		209.69	8.481e+04	2451.01	3654.97
260	26	5.634e+04	-1.326e+04	3.87e-03	-0.50	0.0	-73.25	-381.57	698.01	5.386e+04	-6.883e+04	5.634e+04	
		1.128e+04	6.883e+04	-2.55e-03		80.0	-73.25	1656.74		698.01	5.391e+04	-1.326e+04	1.559e+04
260	29	-8280.75	4.018e+04	-0.02	-0.48	0.0	432.41	-1489.29	-278.62	1.158e+05	4.018e+04	-5.914e+04	
		-6.202e+04	1.816e+04	-1.45e-03		80.0	432.41	452.74		-278.62	1.157e+05	1.816e+04	-8280.75
260	38	4.854e+04	-1.687e+04	3.09e-03	-0.50	0.0	-96.36	-474.76	785.00	5.658e+04	-7.953e+04	4.854e+04	
		8617.27	-7.953e+04	-2.17e-03		80.0	-96.36	1583.48		785.00	5.663e+04	-1.687e+04	1.445e+04
260	39	-3661.23	3.853e+04	-0.01	-0.48	0.0	530.34	-1207.71	-261.59	1.042e+05	3.853e+04	-3.300e+04	
		-4.154e+04	1.751e+04	-2.22e-03		80.0	530.34	712.49		-261.59	1.042e+05	1.751e+04	-3661.23
260	40	3.020e+04	-1.260e+04	1.09e-03	-0.50	0.0	-171.18	-663.15	680.98	6.545e+04	-6.717e+04	3.020e+04	
		219.33	-6.717e+04	-1.78e-03		80.0	-171.18	1396.99		680.98	6.547e+04	-1.260e+04	1.097e+04
260	41	-7136.62	5.088e+04	-0.02	-0.48	0.0	455.52	-1396.11	-365.61	1.130e+05	5.088e+04	-5.134e+04	
		-5.572e+04	2.177e+04	-1.84e-03		80.0	455.52	526.00		-365.61	1.130e+05	2.177e+04	-7136.62
260	58	5.634e+04	-1.326e+04	3.87e-03	-0.50	0.0	-73.25	-381.57	698.01	5.386e+04	-6.883e+04	5.634e+04	
		1.128e+04	6.883e+04	-2.55e-03		80.0	-73.25	1656.74		698.01	5.391e+04	-1.326e+04	1.559e+04
260	61	-8280.75	4.018e+04	-0.02	-0.48	0.0	432.41	-1489.29	-278.62	1.158e+05	4.018e+04	-5.914e+04	
		-6.202e+04	1.816e+04	-1.45e-03		80.0	432.41	452.74		-278.62	1.157e+05	1.816e+04	-8280.75
260	70	4.854e+04	-1.687e+04	3.09e-03	-0.50	0.0	-96.36	-474.76	785.00	5.658e+04	-7.953e+04	4.854e+04	
		8617.27	-7.953e+04	-2.17e-03		80.0	-96.36	1583.48		785.00	5.663e+04	-1.687e+04	1.445e+04
260	71	-3661.23	3.853e+04	-0.01	-0.48	0.0	530.34	-1207.71	-261.59	1.042e+05	3.853e+04	-3.300e+04	
		-4.154e+04	1.751e+04	-2.22e-03		80.0	530.34	712.49		-261.59	1.042e+05	1.751e+04	-3661.23
260	72	3.020e+04	-1.260e+04	1.09e-03	-0.50	0.0	-171.18	-663.15	680.98	6.545e+04	-6.717e+04	3.020e+04	
		219.33	-6.717e+04	-1.78e-03		80.0	-171.18	1396.99		680.98	6.547e+04	-1.260e+04	1.097e+04
260	73	-7136.62	5.088e+04	-0.02	-0.48	0.0	455.52	-1396.11	-365.61	1.130e+05	5.088e+04	-5.134e+04	
		-5.572e+04	2.177e+04	-1.84e-03		80.0	455.52	526.00		-365.61	1.130e+05	2.177e+04	-7136.62
260	74	3654.97	2451.01	-6.61e-03	-0.49	0.0	179.58	-935.43	209.69	8.481e+04	-1.432e+04	-1399.21	
		-1.879e+04	-1.432e+04	-2.00e-03		80.0	179.58	1054.74		209.69	8.481e+04	2451.01	3654.97
260	75	3654.97	2451.01	-6.61e-03	-0.49	0.0	179.58	-935.43	209.69	8.481e+04	-1.432e+04	-1399.21	
		-1.879e+04	-1.432e+04	-2.00e-03		80.0	179.58	1054.74		209.69	8.481e+04	2451.01	3654.97
260	76	3654.97	2451.01	-6.61e-03	-0.49	0.0	179.58	-935.43	209.69	8.481e+04	-1.432e+04	-1399.21	
		-1.879e+04	-1.432e+04	-2.00e-03		80.0	179.58	1054.74		209.69	8.481e+04	2451.01	3654.97
263	1	6.403e+04	1.947e+04	-0.01	-0.67	0.0	425.13	-680.02	257.17	1.197e+05	-1105.12	5691.86	
		-812.50	-1105.12	-3.61e-03		80.0	425.13	2125.25		257.17	1.197e+05	1.947e+04	6.403e+04
263	3	6.877e+04	1.765e+04	-9.21e-03	-0.64	0.0	415.16	-484.21	313.07	1.215e+05	-7393.49	3118.27	
		-452.54	-7393.49	-2.82e-03		80.0	415.16	2115.69		313.07	1.216e+05	1.765e+04	6.877e+04
263	4	5.412e+04	1.407e+04	-6.79e-03	-0.49	0.0	318.59	-340.92	268.77	9.474e+04	-7432.31	1858.88	
		-442.32	-7432.31	-2.09e-03		80.0	318.59	1640.21		268.77	9.484e+04	1.407e+04	5.412e+04
263	6	4.846e+04	9572.01	-6.37e-03	-0.48	0.0	309.44	-407.64	126.71	8.605e+04	-564.42	3571.49	
		197.17	-564.42	-1.94e-03		80.0	309.44	1523.16		126.71	8.612e+04	9572.01	4.846e+04
263	7	4.912e+04	1.409e+04	-9.03e-03	-0.51	0.0	323.81	-502.83	186.89	9.101e+04	-860.27	4227.19	
		-473.16	-860.27	-2.63e-03		80.0	323.81	1615.63		186.89	9.104e+04	1.409e+04	4.912e+04
263	8	5.228e+04	1.288e+04	-6.87e-03	-0.49	0.0	317.17	-372.29	224.15	9.227e+04	-5052.52	2511.46	
		-259.32	-5052.52	-2.10e-03		80.0	317.17	1609.25		224.15	9.235e+04	1.288e+04	5.228e+04
263	9	4.851e+04	9881.05	-6.60e-03	-0.48	0.0	311.07	-416.77	129.44	8.648e+04	-473.92	3653.20	
		167.01	-473.92	-2.00e-03		80.0	311.07	1531.22		129.44	8.654e+04	9881.05	4.851e+04
263	10	7.835e+04	1.976e+04	-6.18e-03	-0.50	0.0	246.98	54.62	383.81	4.700e+04	-1.132e+04	1.425e+04	
		1864.89	-1.132e+04	-2.83e-03		80.0	246.98	2077.89		383.81	4.706e+04	1.976e+04	7.835e+04
263	13	1.867e+04	1.037e+04	0.01	-0.47	0.0	375.16	-888.15	-124.93	1.260e+05	1.037e+04	-6946.46	

		-6946.46	0.04	-1.17e-03		80.0	375.16	984.54	-124.93	1.260e+05	0.04	1.867e+04
263	26	8.207e+04	2.728e+04	1.03e-03	-0.50	0.0	256.98	106.12	550.27	4.040e+04	-1.698e+04	1.559e+04
		2010.00	-1.698e+04	-2.58e-03		80.0	256.98	2155.16	550.27	4.049e+04	2.728e+04	8.207e+04
263	29	1.496e+04	1.604e+04	-0.01	-0.47	0.0	365.16	-939.65	-291.39	1.326e+05	1.604e+04	-8282.83
		-8282.83	-7522.00	-1.42e-03		80.0	365.16	907.27	-291.39	1.326e+05	-7522.00	1.496e+04
263	38	7.728e+04	3.003e+04	1.46e-03	-0.50	0.0	260.88	21.69	631.99	4.624e+04	-2.065e+04	1.444e+04
		2351.04	-2.065e+04	-2.28e-03		80.0	260.88	2090.98	631.99	4.632e+04	3.003e+04	7.728e+04
263	42	7.835e+04	1.976e+04	-6.18e-03	-0.50	0.0	246.98	54.62	383.81	4.700e+04	-1.132e+04	1.425e+04
		1864.89	-1.132e+04	-2.83e-03		80.0	246.98	2077.89	383.81	4.706e+04	1.976e+04	7.835e+04
263	45	1.867e+04	1.037e+04	0.01	-0.47	0.0	375.16	-888.15	-124.93	1.260e+05	1.037e+04	-6946.46
		-6946.46	0.04	-1.17e-03		80.0	375.16	984.54	-124.93	1.260e+05	0.04	1.867e+04
263	58	8.207e+04	2.728e+04	1.03e-03	-0.50	0.0	256.98	106.12	550.27	4.040e+04	-1.698e+04	1.559e+04
		2010.00	-1.698e+04	-2.58e-03		80.0	256.98	2155.16	550.27	4.049e+04	2.728e+04	8.207e+04
263	61	1.496e+04	1.604e+04	-0.01	-0.47	0.0	365.16	-939.65	-291.39	1.326e+05	1.604e+04	-8282.83
		-8282.83	-7522.00	-1.42e-03		80.0	365.16	907.27	-291.39	1.326e+05	-7522.00	1.496e+04
263	70	7.728e+04	3.003e+04	1.46e-03	-0.50	0.0	260.88	21.69	631.99	4.624e+04	-2.065e+04	1.444e+04
		2351.04	-2.065e+04	-2.28e-03		80.0	260.88	2090.98	631.99	4.632e+04	3.003e+04	7.728e+04
263	74	4.851e+04	9881.05	-6.60e-03	-0.48	0.0	311.07	-416.77	129.44	8.648e+04	-473.92	3653.20
		167.01	-473.92	-2.00e-03		80.0	311.07	1531.22	129.44	8.654e+04	9881.05	4.851e+04
263	75	4.851e+04	9881.05	-6.60e-03	-0.48	0.0	311.07	-416.77	129.44	8.648e+04	-473.92	3653.20
		167.01	-473.92	-2.00e-03		80.0	311.07	1531.22	129.44	8.654e+04	9881.05	4.851e+04
263	76	4.851e+04	9881.05	-6.60e-03	-0.48	0.0	311.07	-416.77	129.44	8.648e+04	-473.92	3653.20
		167.01	-473.92	-2.00e-03		80.0	311.07	1531.22	129.44	8.654e+04	9881.05	4.851e+04
267	2	4.940e+04	3.304e+04	0.01	-0.51	0.0	722.03	-1179.91	258.28	9.211e+04	1.238e+04	4.940e+04
		2.341e+04	1.238e+04	-2.72e-03		80.0	722.03	942.11	258.28	9.218e+04	3.304e+04	4.032e+04
267	3	6.879e+04	4.354e+04	9.39e-03	-0.63	0.0	990.34	-1409.42	377.94	1.268e+05	1.330e+04	6.879e+04
		3.775e+04	1.330e+04	-2.65e-03		80.0	990.34	1131.03	377.94	1.270e+05	4.354e+04	5.805e+04
267	6	4.848e+04	1.989e+04	6.50e-03	-0.47	0.0	695.77	-1055.45	167.21	8.840e+04	6515.82	4.848e+04
		2.506e+04	6515.82	-1.85e-03		80.0	695.77	834.19	167.21	8.853e+04	1.989e+04	3.990e+04
267	7	4.914e+04	2.916e+04	9.15e-03	-0.50	0.0	714.57	-1147.03	230.68	9.109e+04	1.071e+04	4.914e+04
		2.383e+04	1.071e+04	-2.49e-03		80.0	714.57	913.30	230.68	9.118e+04	2.916e+04	4.018e+04
267	8	5.229e+04	3.141e+04	7.01e-03	-0.48	0.0	752.31	-1075.75	272.78	9.618e+04	9585.51	5.229e+04
		2.858e+04	9585.51	-1.98e-03		80.0	752.31	861.42	272.78	9.633e+04	3.141e+04	4.402e+04
267	9	4.852e+04	2.040e+04	6.72e-03	-0.48	0.0	697.06	-1064.06	169.97	8.861e+04	6798.06	4.852e+04
		2.493e+04	6798.06	-1.91e-03		80.0	697.06	841.36	169.97	8.874e+04	2.040e+04	3.990e+04
267	26	8.208e+04	6.753e+04	-1.47e-03	-0.50	0.0	901.67	-923.25	564.85	1.464e+04	2.264e+04	8.208e+04
		5.446e+04	2.264e+04	-2.44e-03		80.0	901.67	874.99	564.85	1.475e+04	6.753e+04	6.893e+04
267	29	1.497e+04	-9042.25	0.01	-0.45	0.0	492.46	-1204.86	-224.92	1.626e+05	-9042.25	1.497e+04
		-4635.78	-2.674e+04	-1.38e-03		80.0	492.46	807.73	-224.92	1.627e+05	-2.674e+04	1.088e+04
267	31	2.705e+04	-5681.75	-0.01	-0.46	0.0	402.39	-1169.99	-125.31	1.362e+05	-5681.75	2.705e+04
		6518.66	-1.563e+04	-1.76e-03		80.0	402.39	820.95	-125.31	1.363e+05	-1.563e+04	2.186e+04
267	32	7.000e+04	5.642e+04	2.55e-03	-0.49	0.0	991.73	-958.13	465.24	4.102e+04	1.928e+04	7.000e+04
		4.334e+04	1.928e+04	-2.05e-03		80.0	991.73	861.77	465.24	4.114e+04	5.642e+04	5.795e+04
267	38	7.729e+04	7.761e+04	-9.05e-04	-0.50	0.0	887.68	-920.94	654.00	2.732e+04	2.546e+04	7.729e+04
		4.954e+04	2.546e+04	-2.01e-03		80.0	887.68	888.18	654.00	2.743e+04	7.761e+04	6.430e+04
267	41	1.975e+04	-1.187e+04	0.01	-0.45	0.0	506.45	-1207.17	-314.06	1.499e+05	-1.187e+04	1.975e+04
		286.32	-3.682e+04	-1.80e-03		80.0	506.45	794.54	-314.06	1.500e+05	-3.682e+04	1.551e+04
267	58	8.208e+04	6.753e+04	-1.47e-03	-0.50	0.0	901.67	-923.25	564.85	1.464e+04	2.264e+04	8.208e+04
		5.446e+04	2.264e+04	-2.44e-03		80.0	901.67	874.99	564.85	1.475e+04	6.753e+04	6.893e+04
267	61	1.497e+04	-9042.25	0.01	-0.45	0.0	492.46	-1204.86	-224.92	1.626e+05	-9042.25	1.497e+04
		-4635.78	-2.674e+04	-1.38e-03		80.0	492.46	807.73	-224.92	1.627e+05	-2.674e+04	1.088e+04
267	63	2.705e+04	-5681.75	-0.01	-0.46	0.0	402.39	-1169.99	-125.31	1.362e+05	-5681.75	2.705e+04
		6518.66	-1.563e+04	-1.76e-03		80.0	402.39	820.95	-125.31	1.363e+05	-1.563e+04	2.186e+04
267	64	7.000e+04	5.642e+04	2.55e-03	-0.49	0.0	991.73	-958.13	465.24	4.102e+04	1.928e+04	7.000e+04
		4.334e+04	1.928e+04	-2.05e-03		80.0	991.73	861.77	465.24	4.114e+04	5.642e+04	5.795e+04
267	70	7.729e+04	7.761e+04	-9.05e-04	-0.50	0.0	887.68	-920.94	654.00	2.732e+04	2.546e+04	7.729e+04
		4.954e+04	2.546e+04	-2.01e-03		80.0	887.68	888.18	654.00	2.743e+04	7.761e+04	6.430e+04
267	73	1.975e+04	-1.187e+04	0.01	-0.45	0.0	506.45	-1207.17	-314.06	1.499e+05	-1.187e+04	1.975e+04
		286.32	-3.682e+04	-1.80e-03		80.0	506.45	794.54	-314.06	1.500e+05	-3.682e+04	1.551e+04
267	74	4.852e+04	2.040e+04	6.72e-03	-0.48	0.0	697.06	-1064.06	169.97	8.861e+04	6798.06	4.852e+04
		2.493e+04	6798.06	-1.91e-03		80.0	697.06	841.36	169.97	8.874e+04	2.040e+04	3.990e+04
267	75	4.852e+04	2.040e+04	6.72e-03	-0.48	0.0	697.06	-1064.06	169.97	8.861e+04	6798.06	4.852e+04
		2.493e+04	6798.06	-1.91e-03		80.0	697.06	841.36	169.97	8.874e+04	2.040e+04	3.990e+04
267	76	4.852e+04	2.040e+04	6.72e-03	-0.48	0.0	697.06	-1064.06	169.97	8.861e+04	6798.06	4.852e+04
		2.493e+04	6798.06	-1.91e-03		80.0	697.06	841.36	169.97	8.874e+04	2.040e+04	3.990e+04

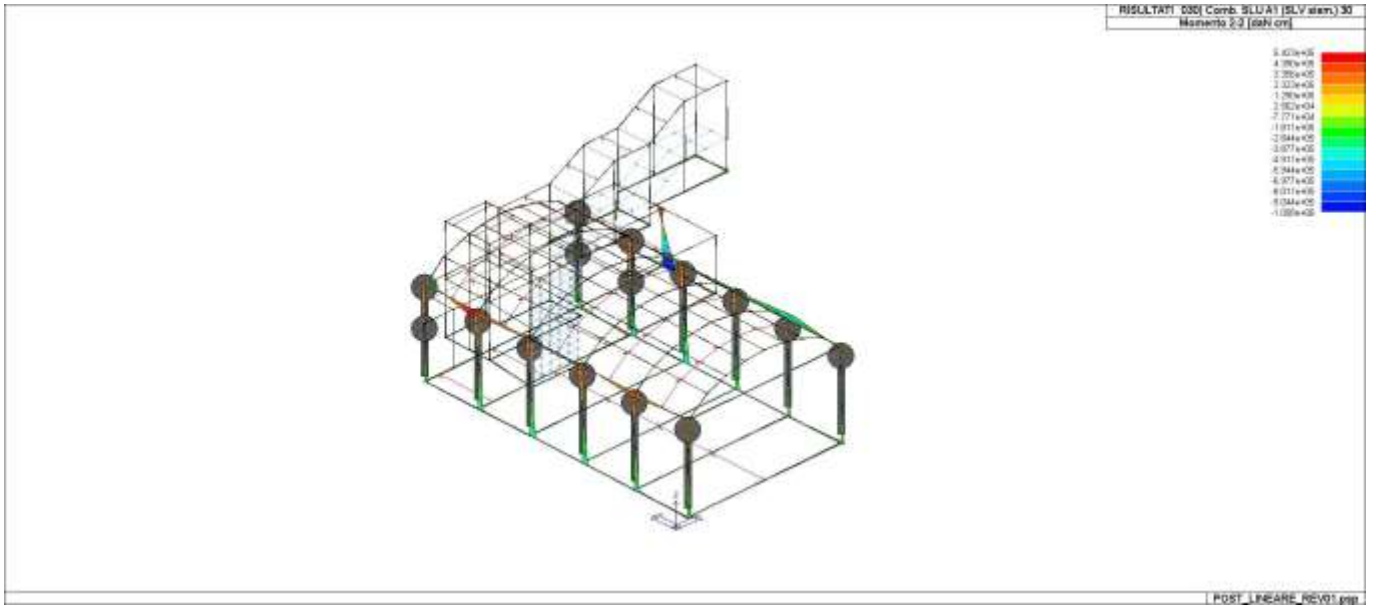
Trave f.	M3 mx/mn	M2 mx/mn	D 2 / D 3	Pt	N	V 2	V 3	T
	-2.114e+06	-3.370e+05	-0.19	-0.95	-1.111e+04	-1.613e+04	-1577.13	-5.321e+05
	2.905e+06	3.096e+05	0.21	-0.31	9291.18	1.334e+04	1408.26	3.310e+05



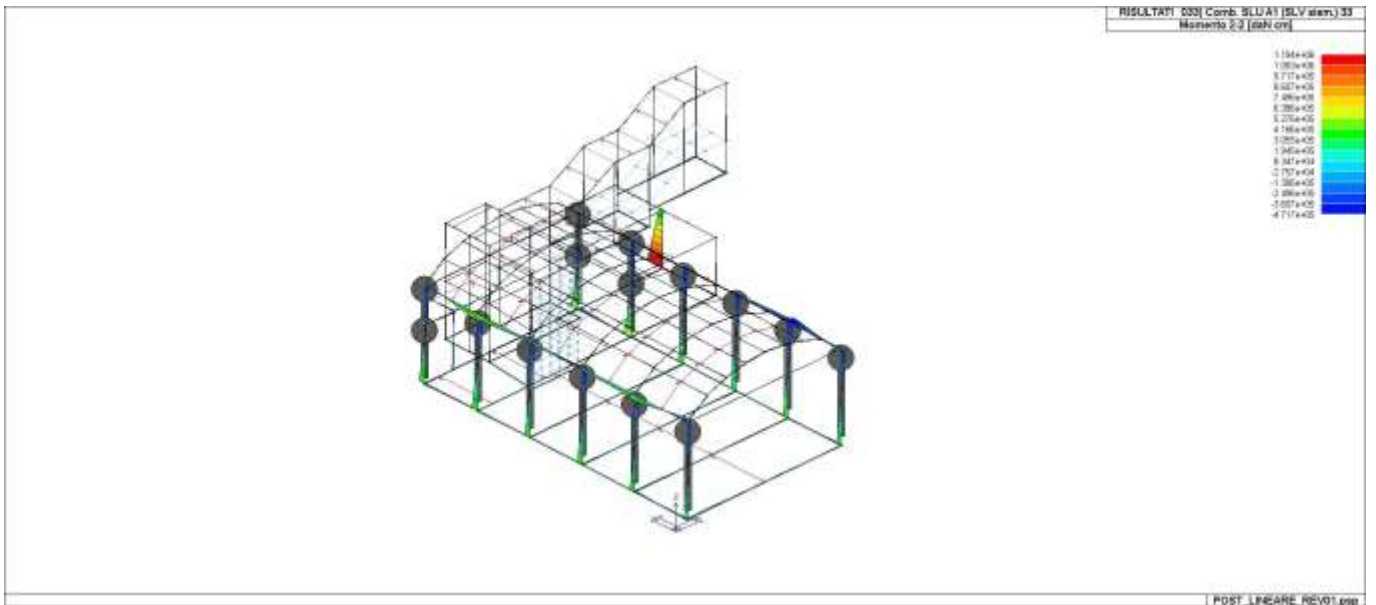
43_RIS_M2_003_Comb. SLU A1 3



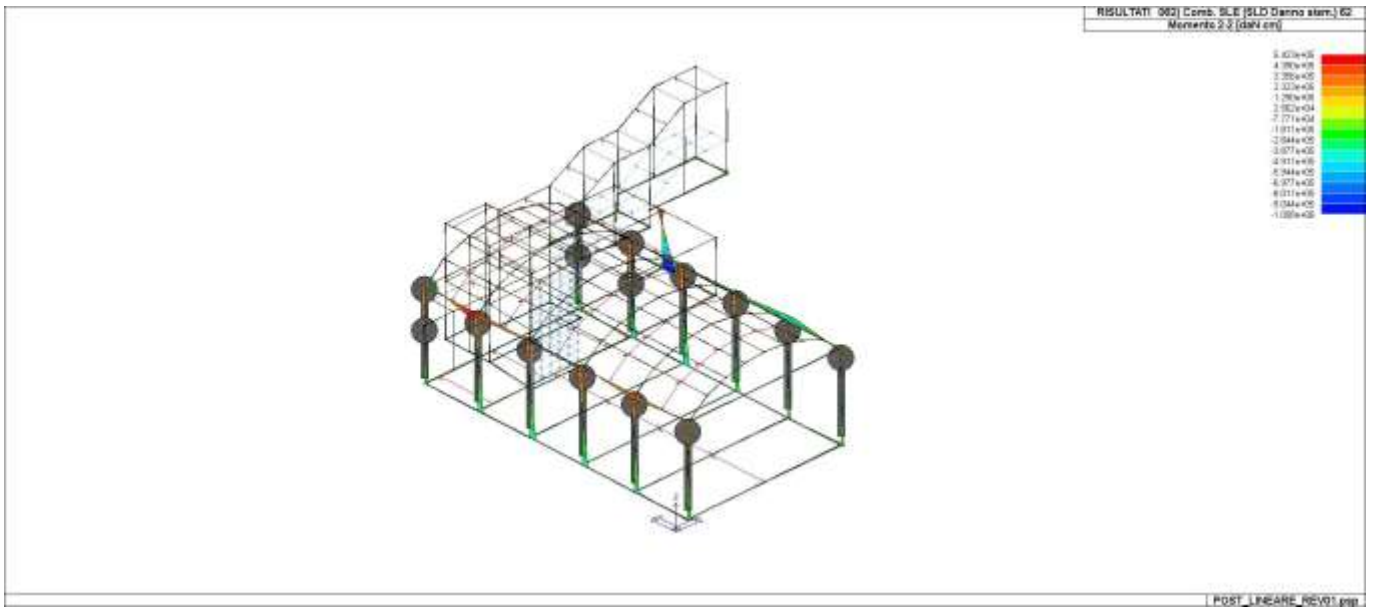
43_RIS_M2_008_Comb. SLE(rara) 8



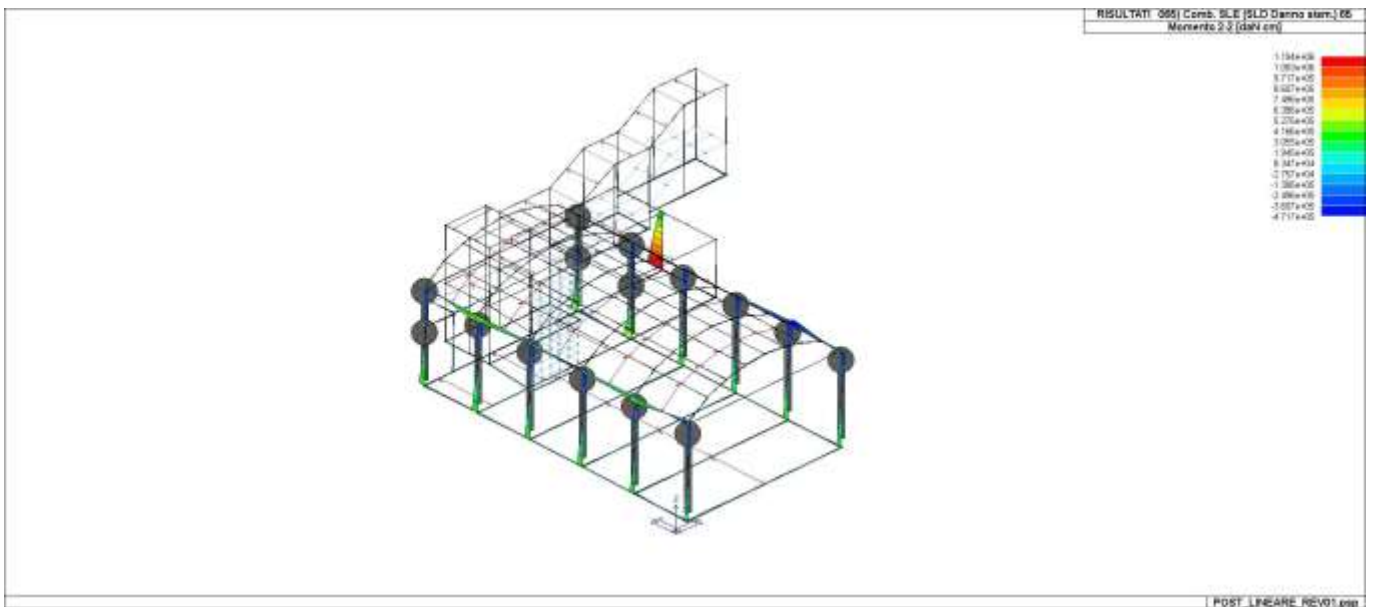
43_RIS_M2_030_Comb. SLU A1 (SLV sism.) 30



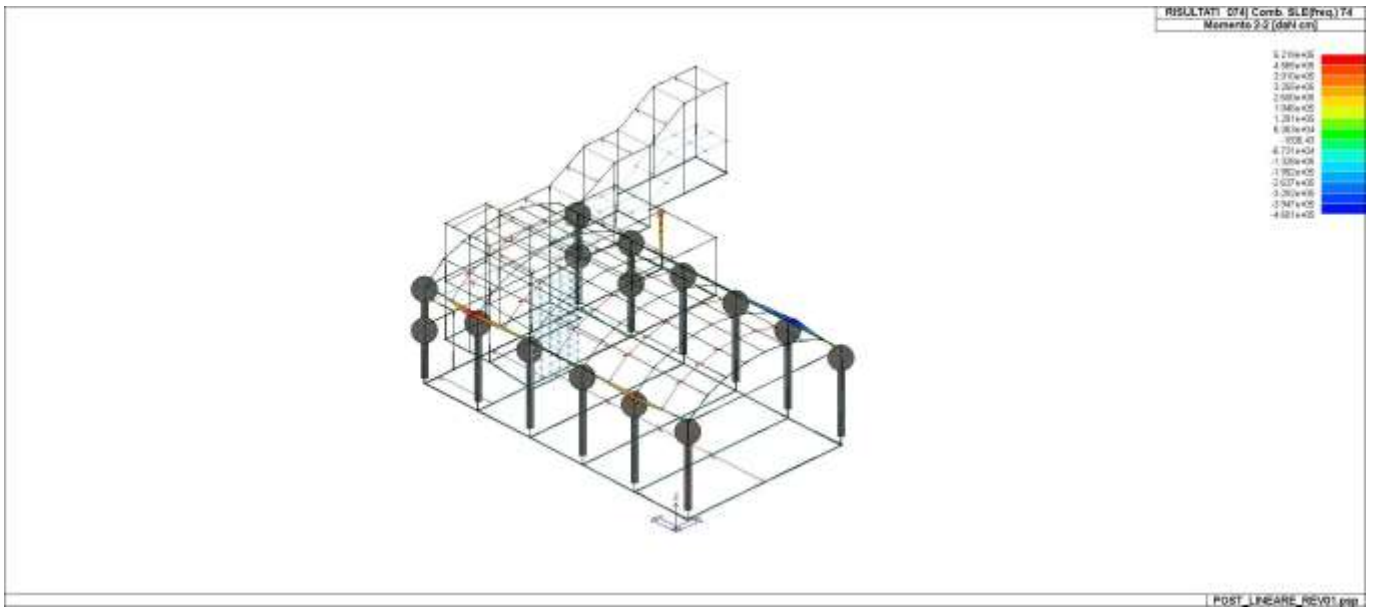
43_RIS_M2_033_Comb. SLU A1 (SLV sism.) 33



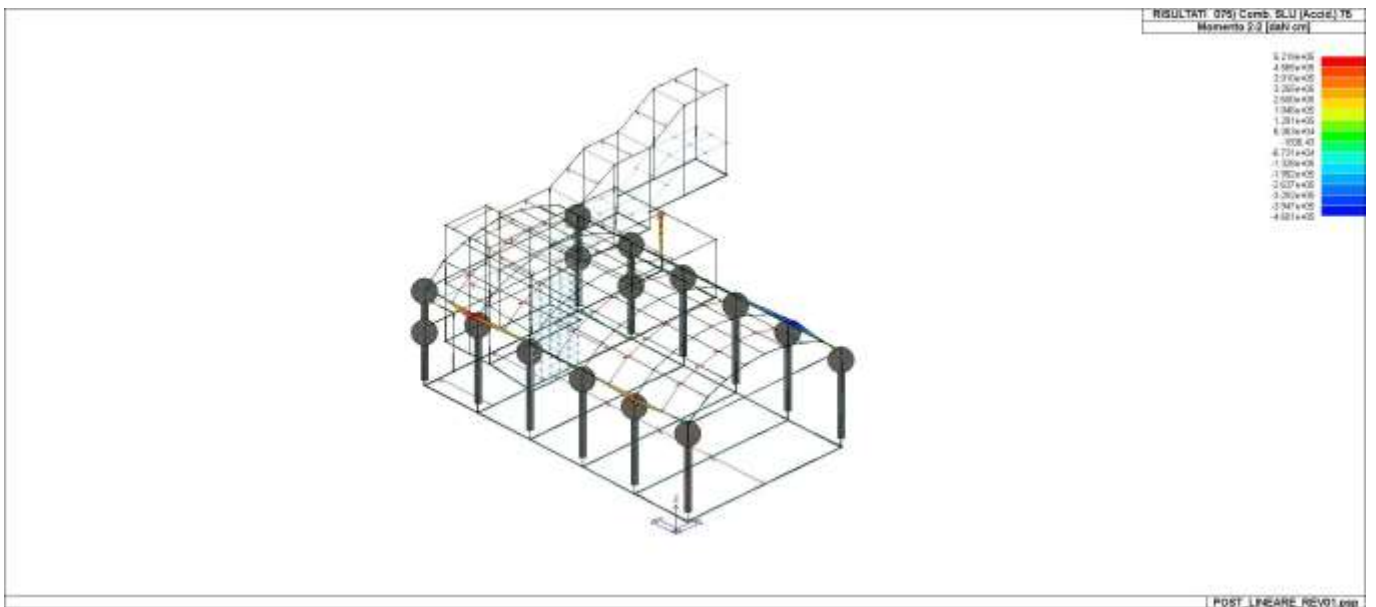
43_RIS_M2_062_Comb. SLE (SLD Danno sism.) 62



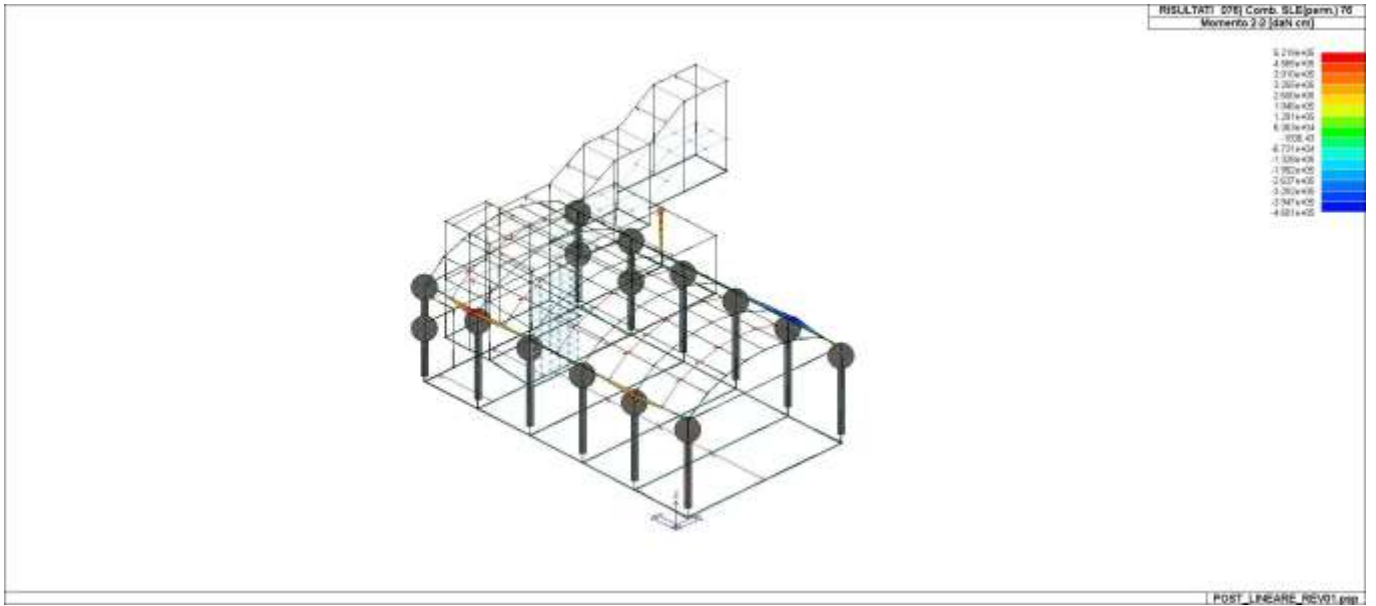
43_RIS_M2_065_Comb. SLE (SLD Danno sism.) 65



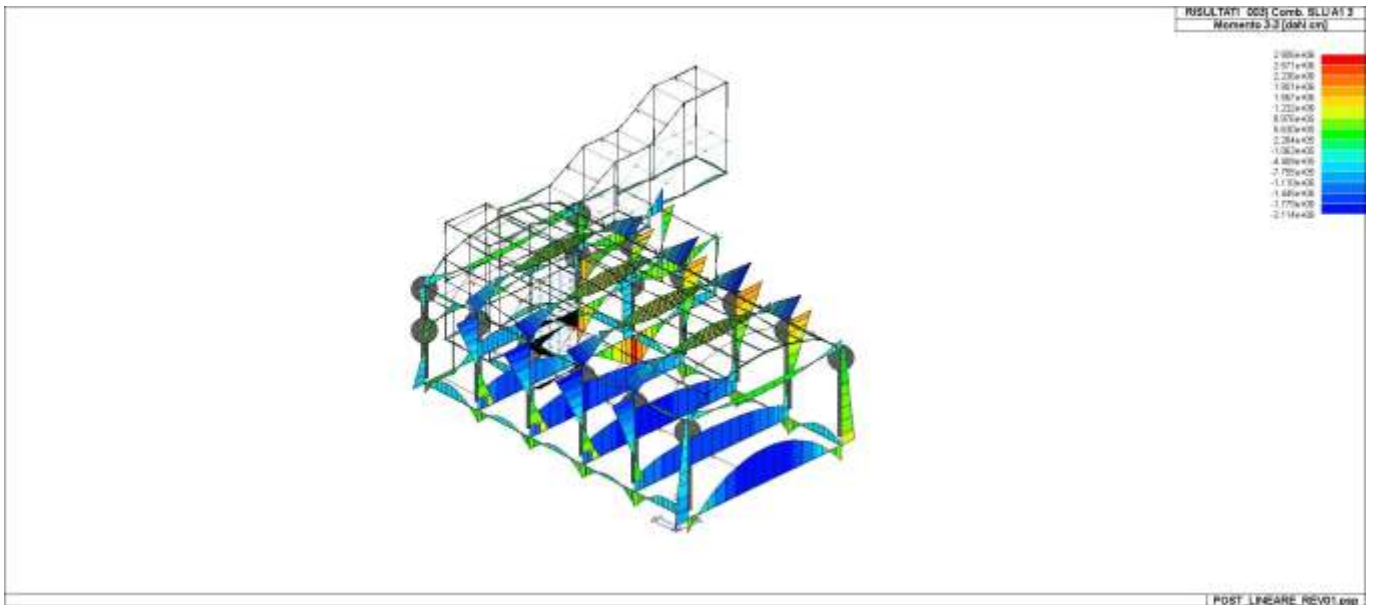
43_RIS_M2_074_Comb. SLE(freq.) 74



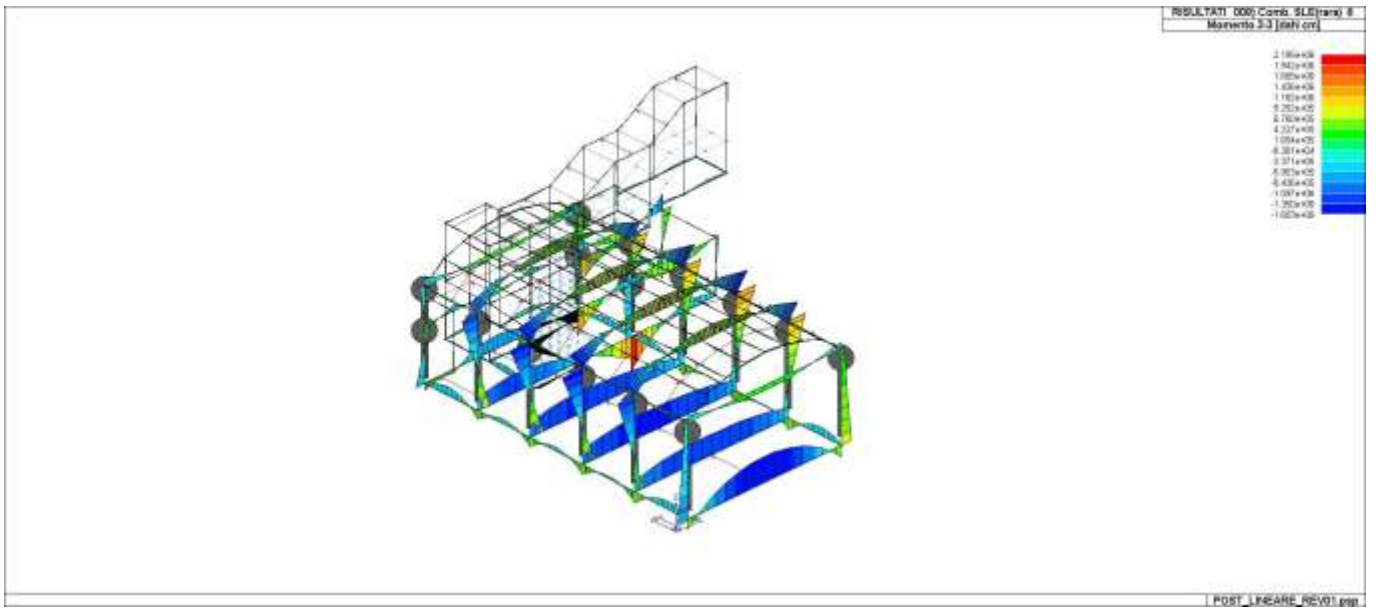
43_RIS_M2_075_Comb. SLU (Accid.) 75



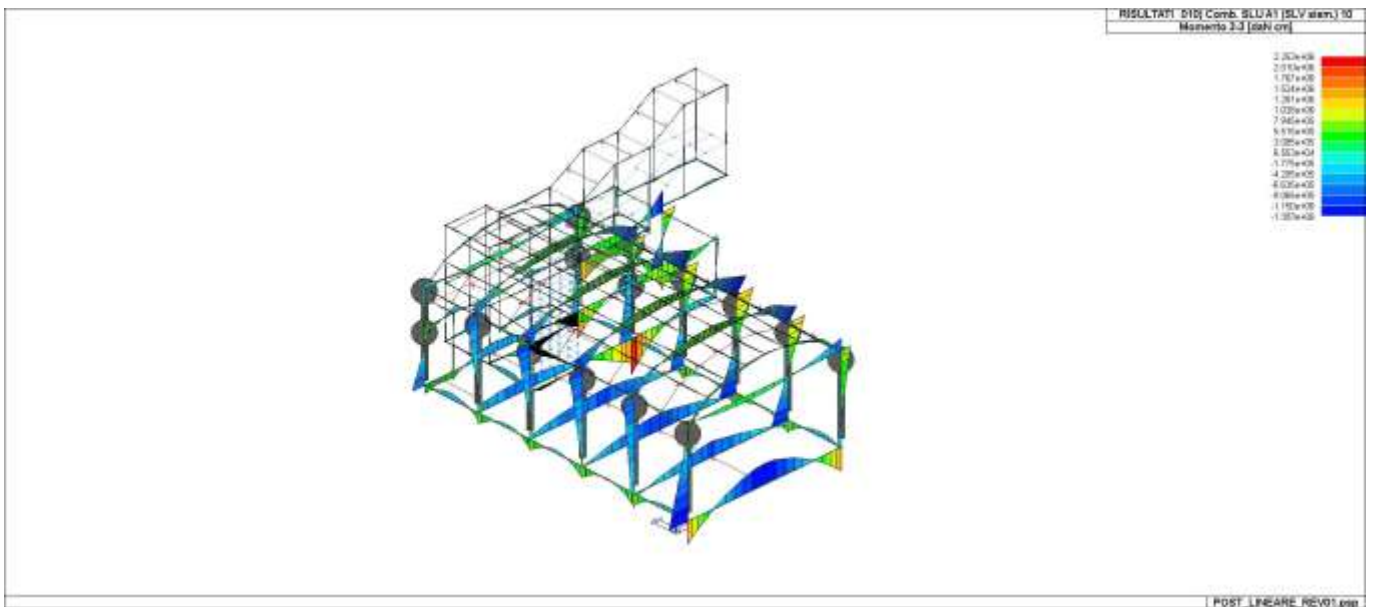
43_RIS_M2_076_Comb. SLE(perm.) 76



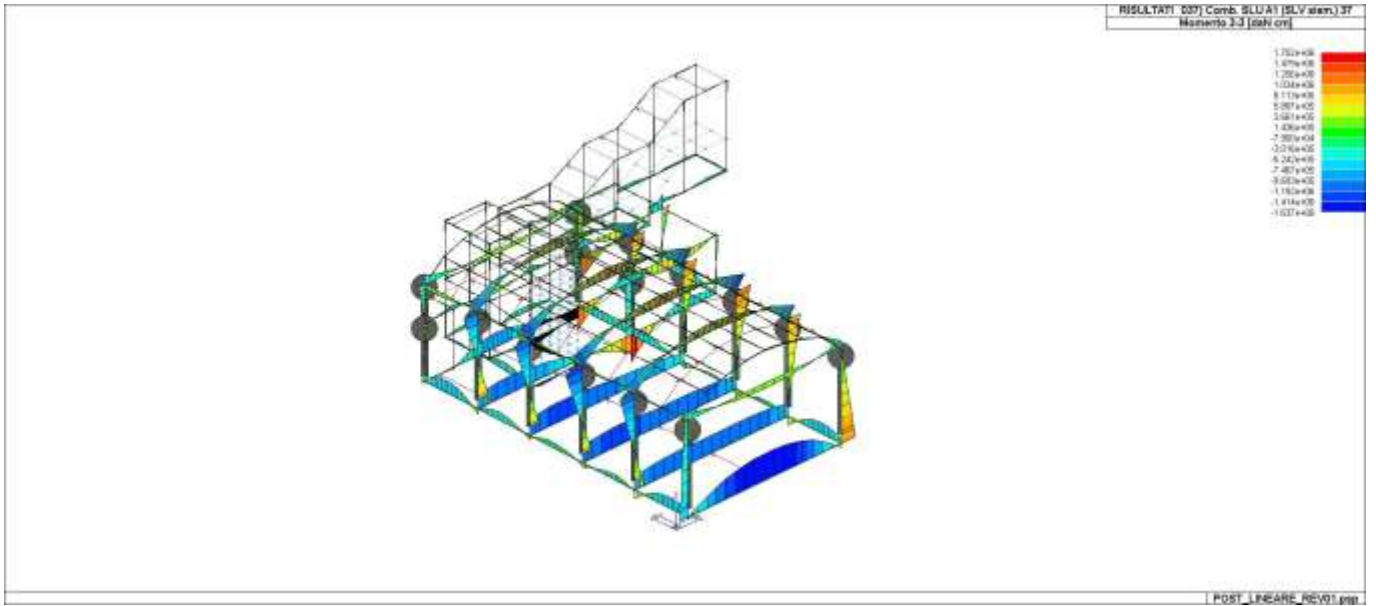
43_RIS_M3_003_Comb. SLU A1 3



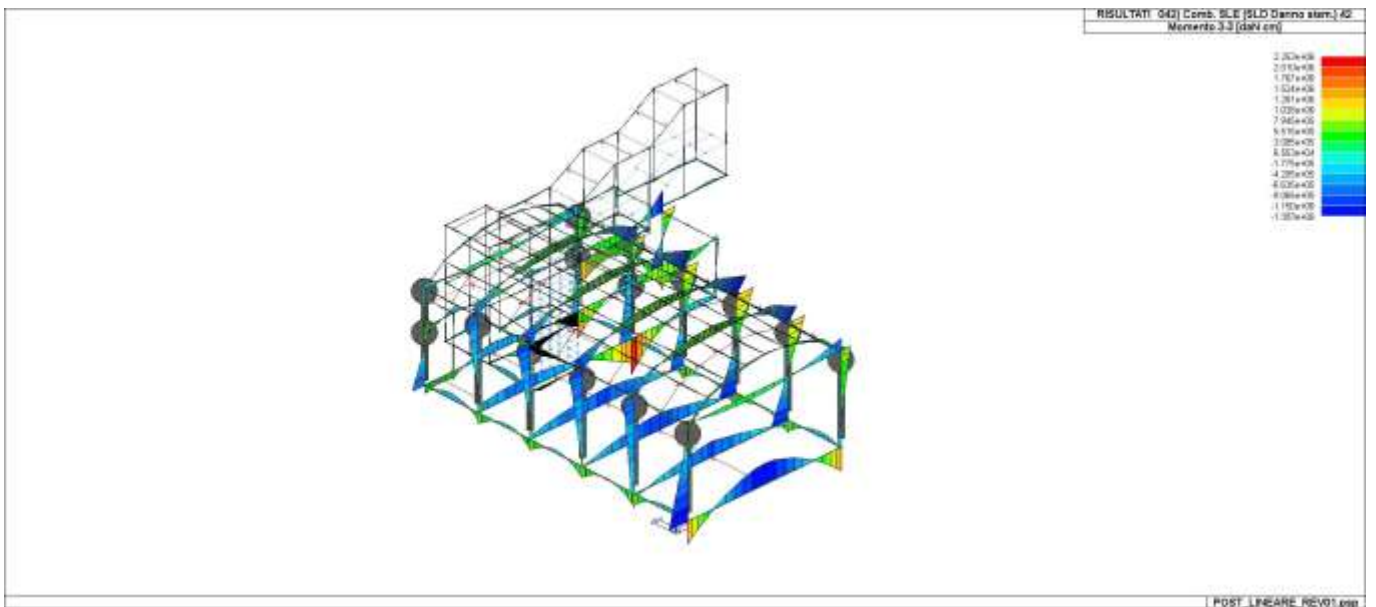
43_RIS_M3_008_Comb. SLE(rara) 8



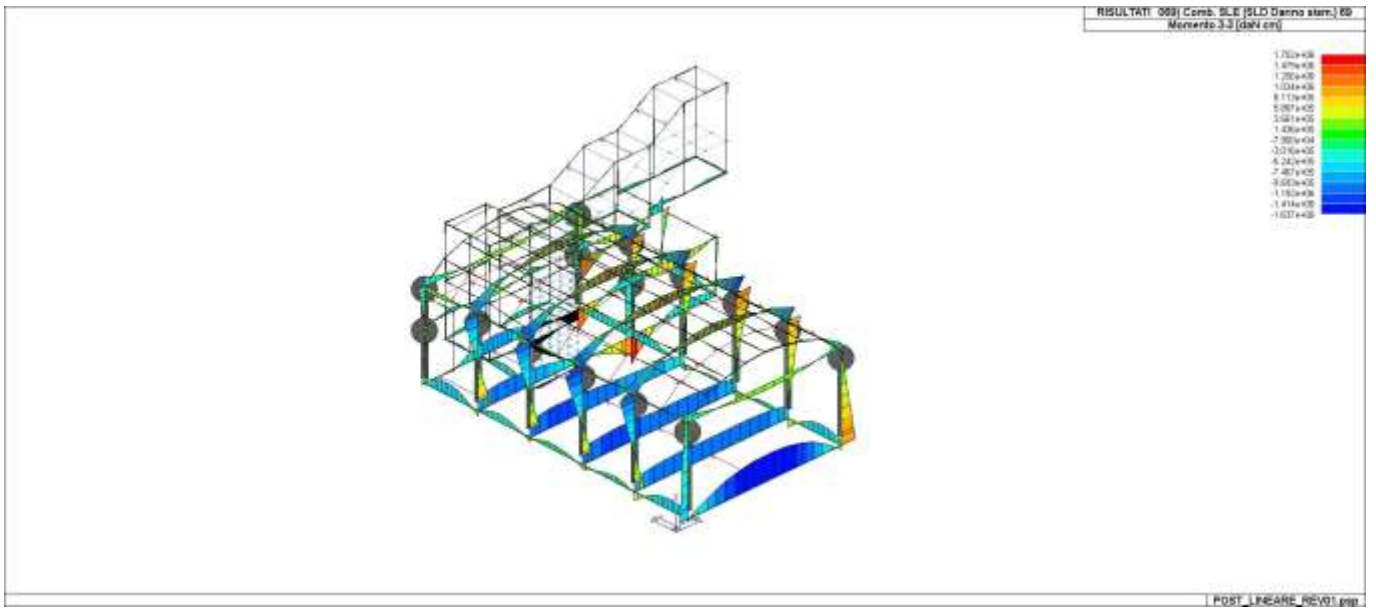
43_RIS_M3_010_Comb. SLU A1 (SLV sism.) 10



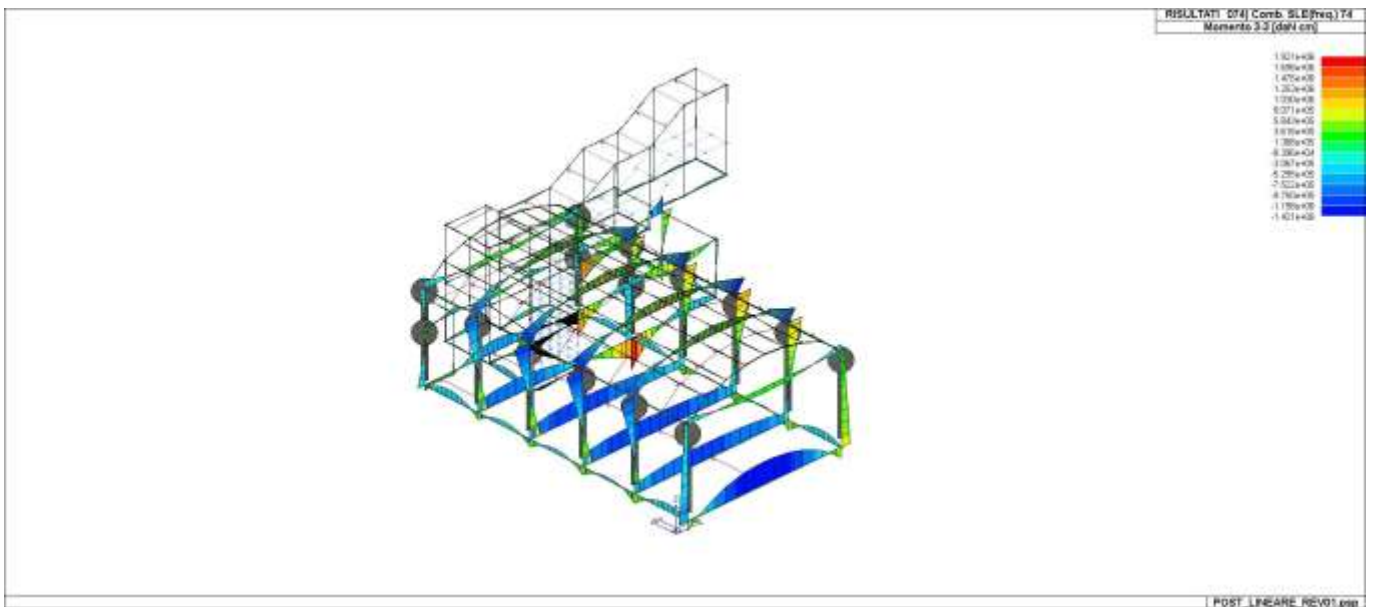
43_RIS_M3_037_Comb. SLU A1 (SLV sism.) 37



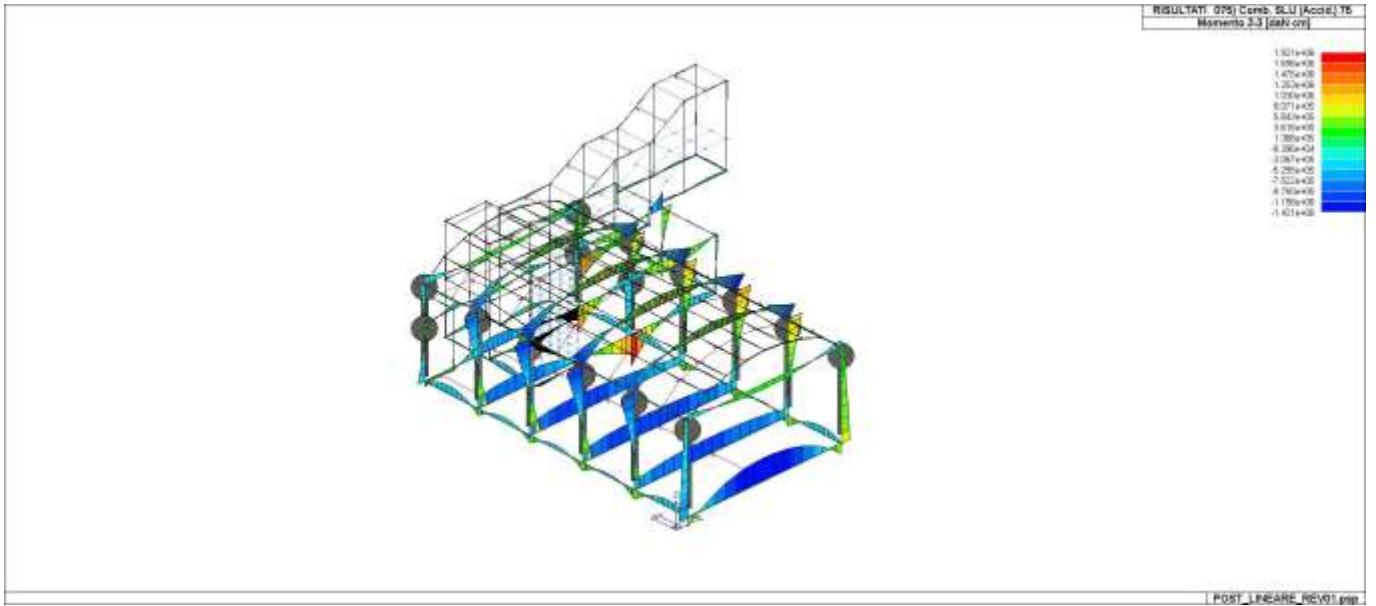
43_RIS_M3_042_Comb. SLE (SLD Danno sism.) 42



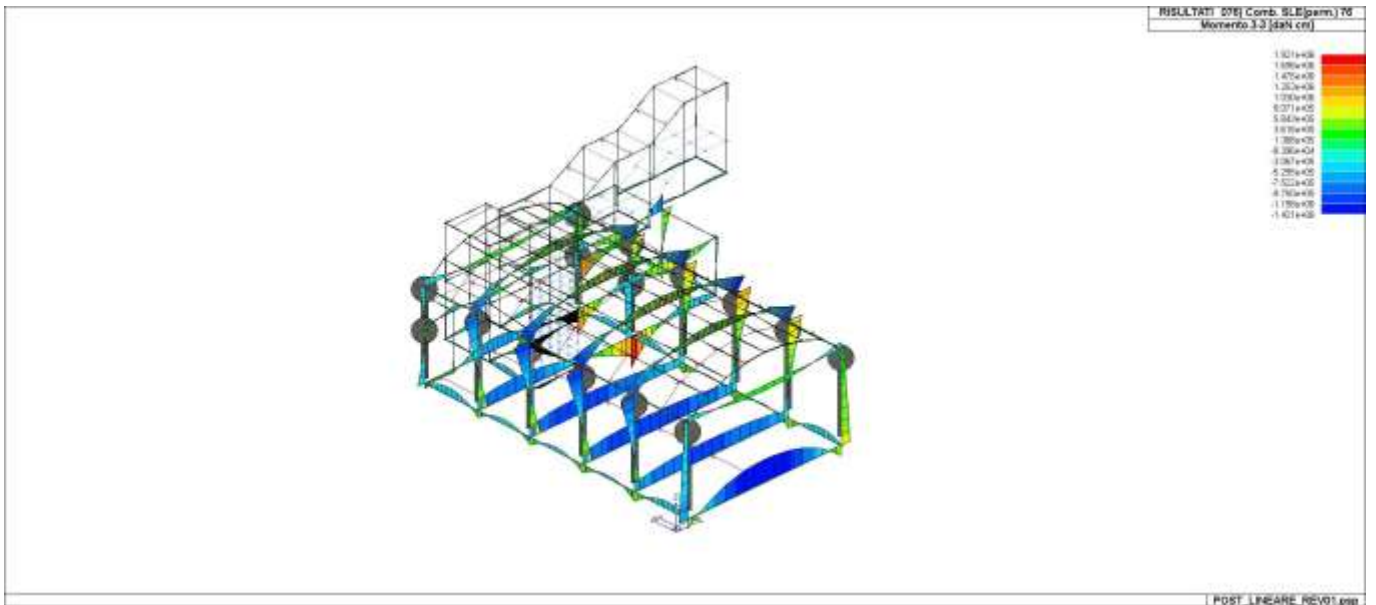
43_RIS_M3_069_Comb. SLE (SLD Danno sism.) 69



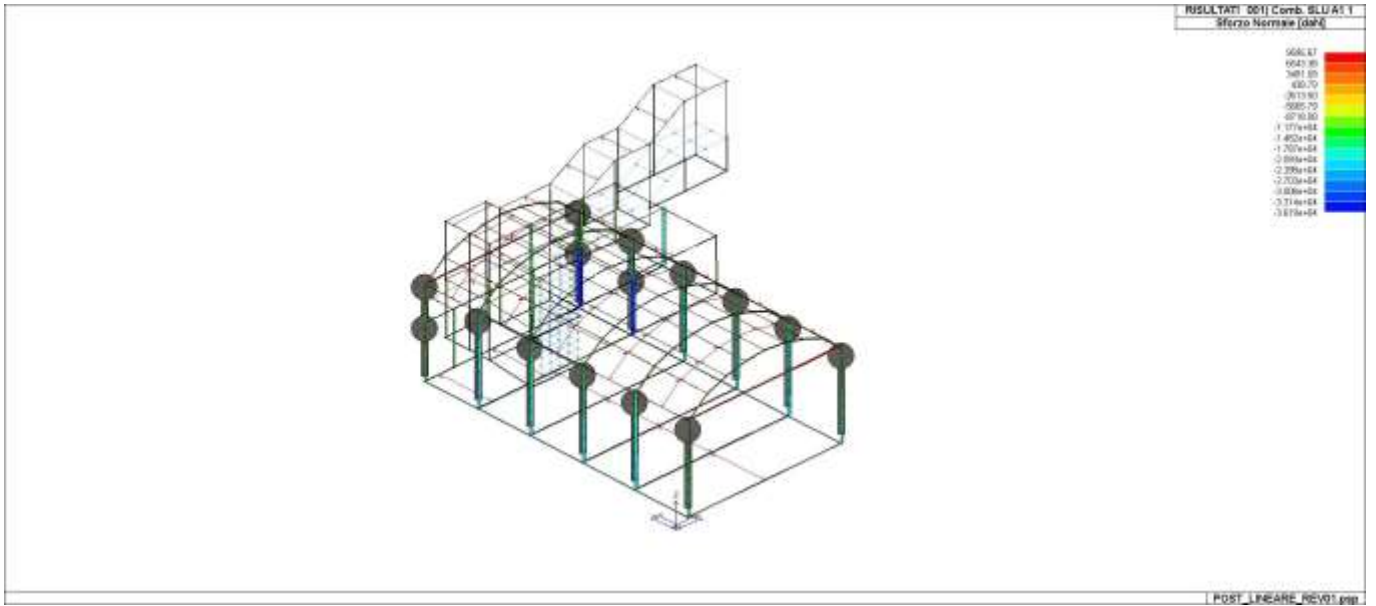
43_RIS_M3_074_Comb. SLE(freq.) 74



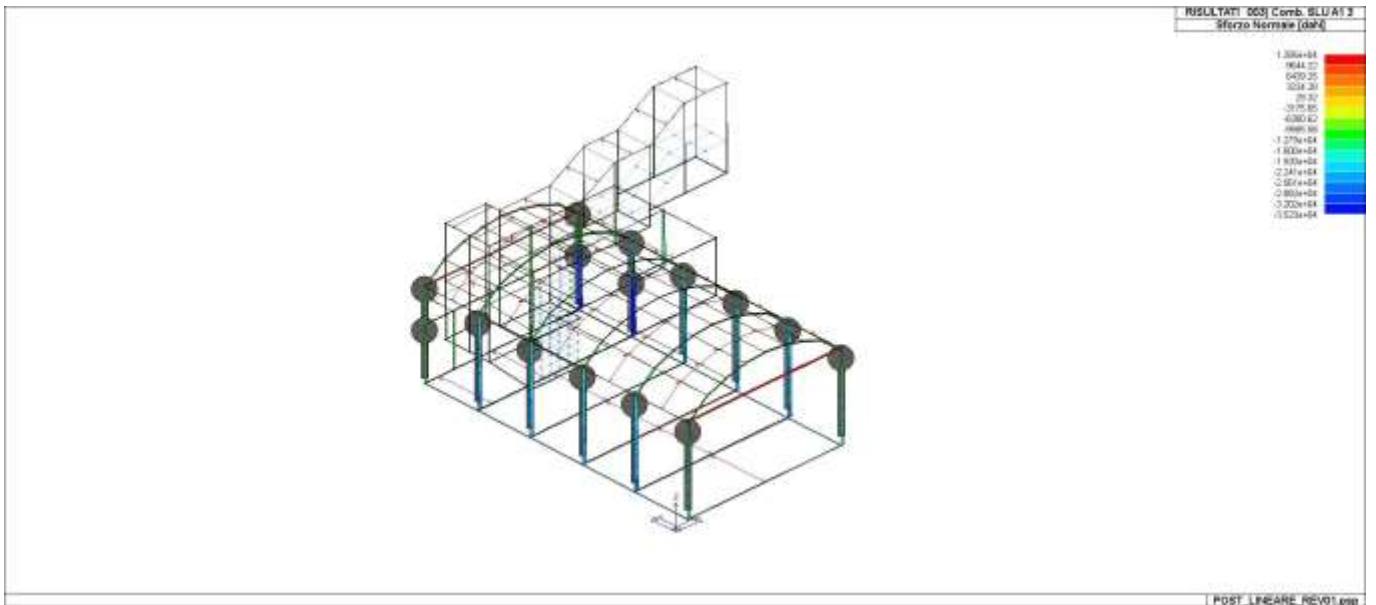
43_RIS_M3_075_Comb. SLU (Accid.) 75



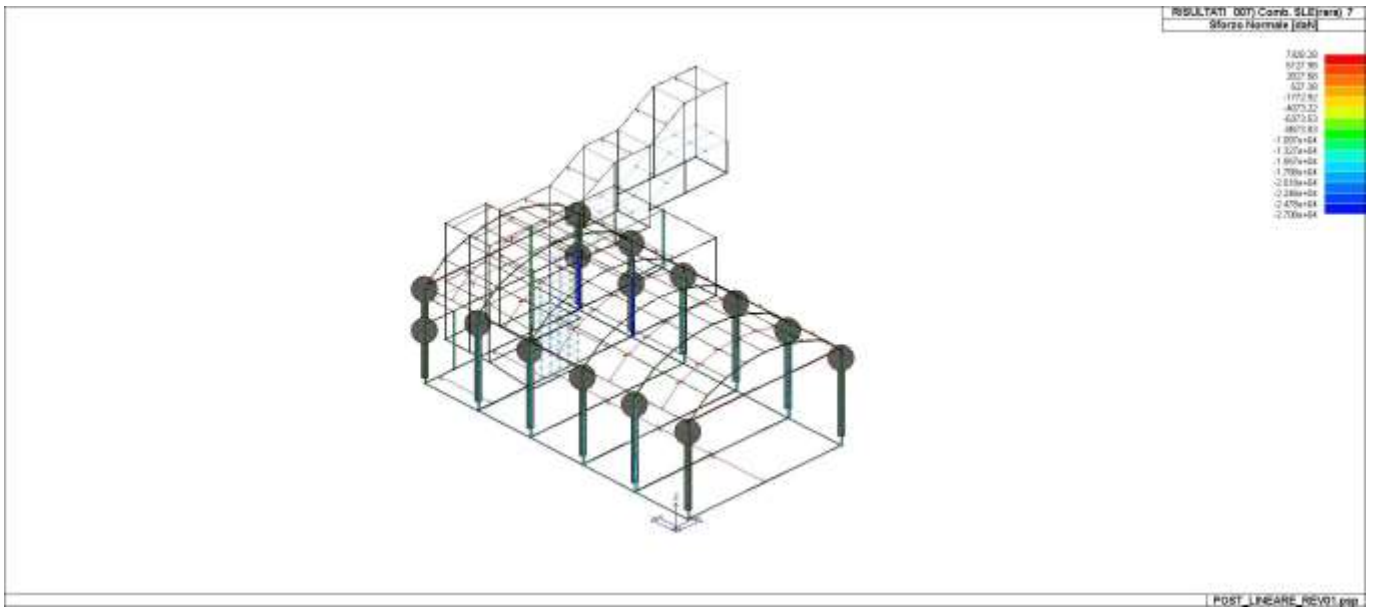
43_RIS_M3_076_Comb. SLE(perm.) 76



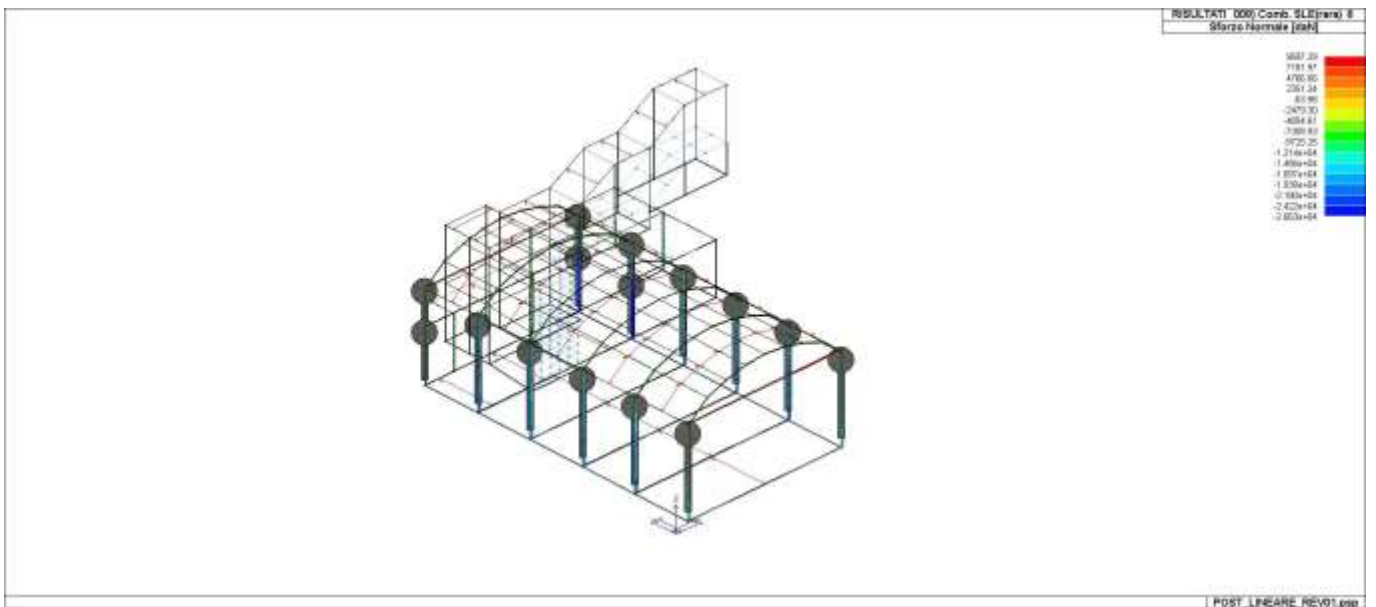
43_RIS_N_001_Comb. SLU A1 1



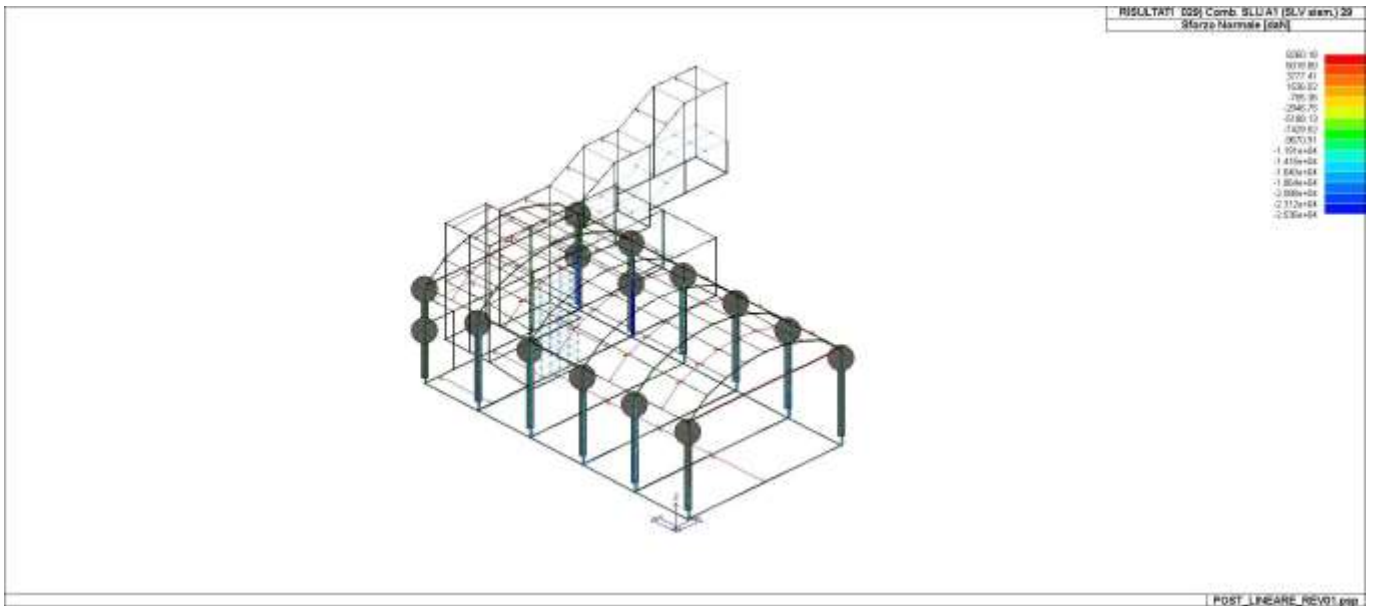
43_RIS_N_003_Comb. SLU A1 3



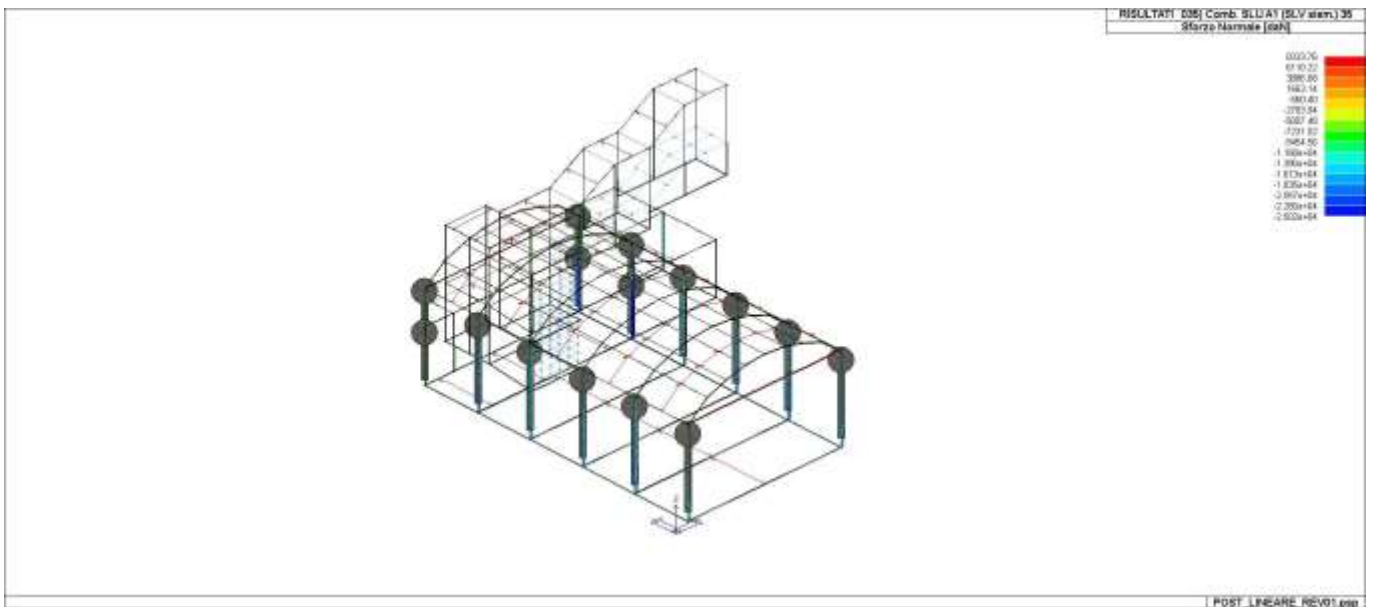
43_RIS_N_007_Comb. SLE(rara) 7



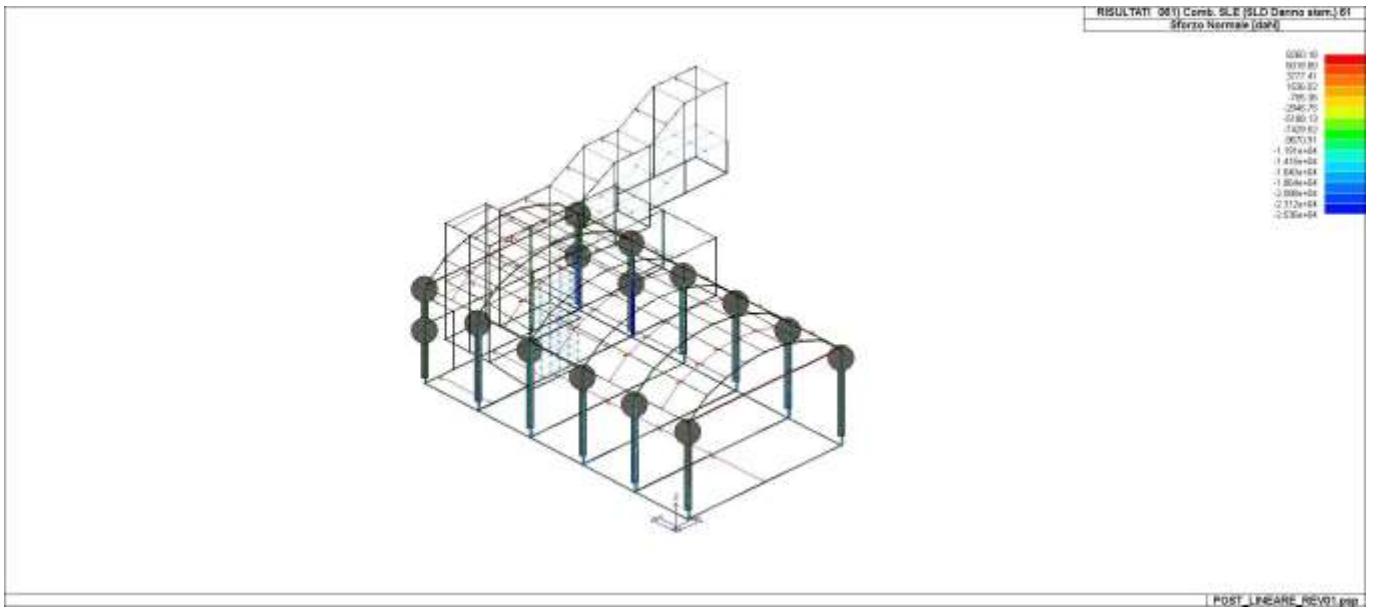
43_RIS_N_008_Comb. SLE(rara) 8



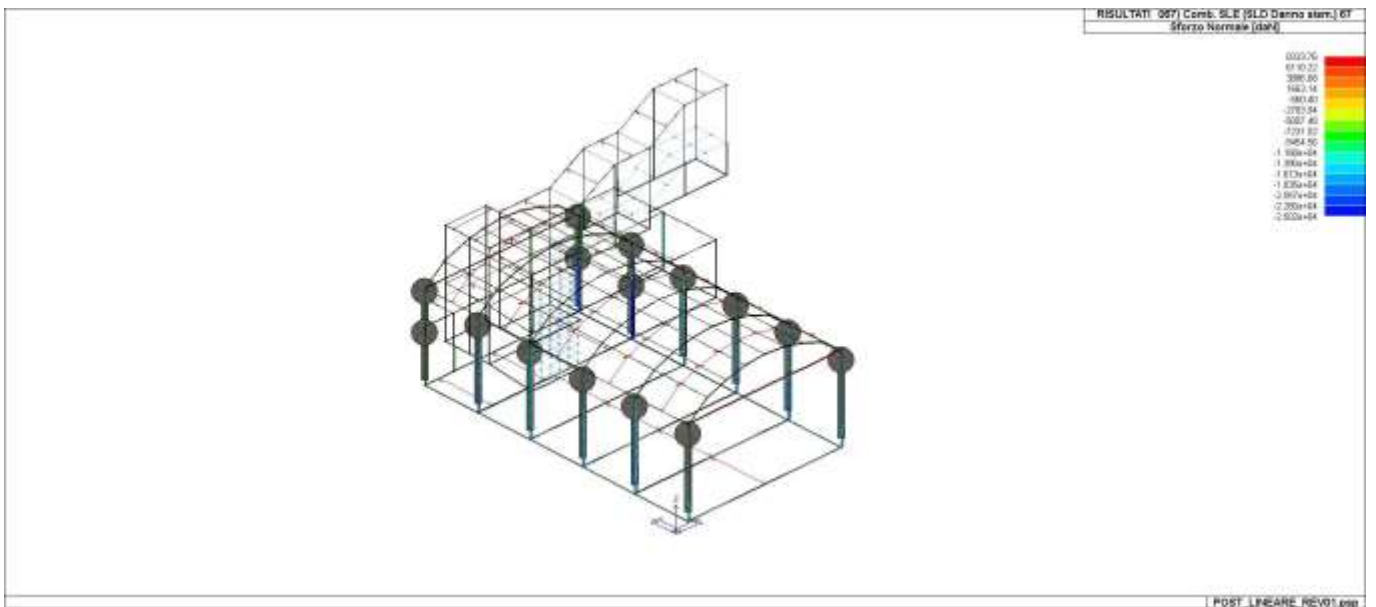
43_RIS_N_029_Comb. SLU A1 (SLV sism.) 29



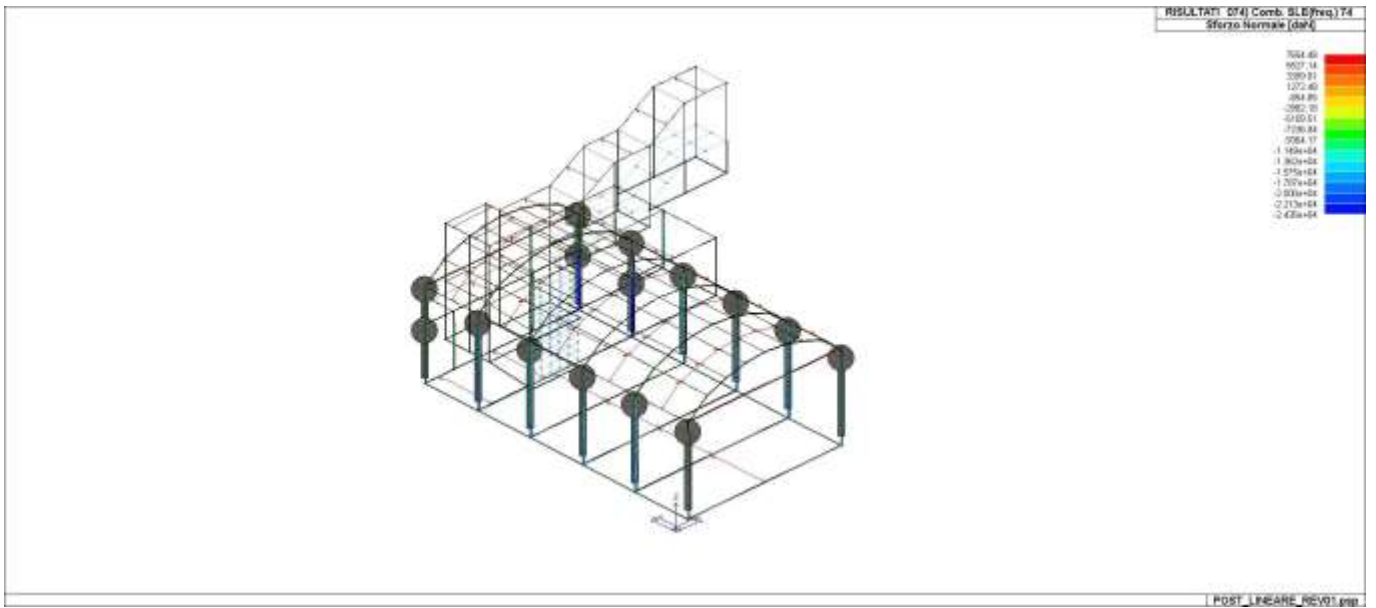
43_RIS_N_035_Comb. SLU A1 (SLV sism.) 35



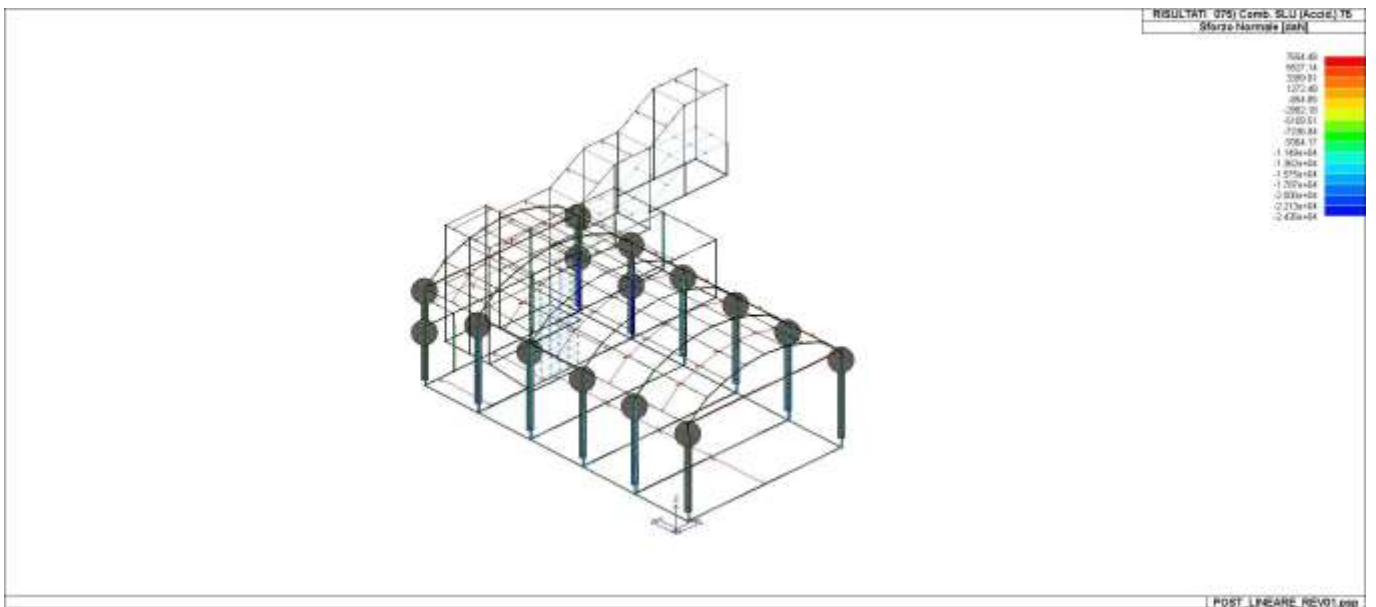
43_RIS_N_061_Comb. SLE (SLD Danno sism.) 61



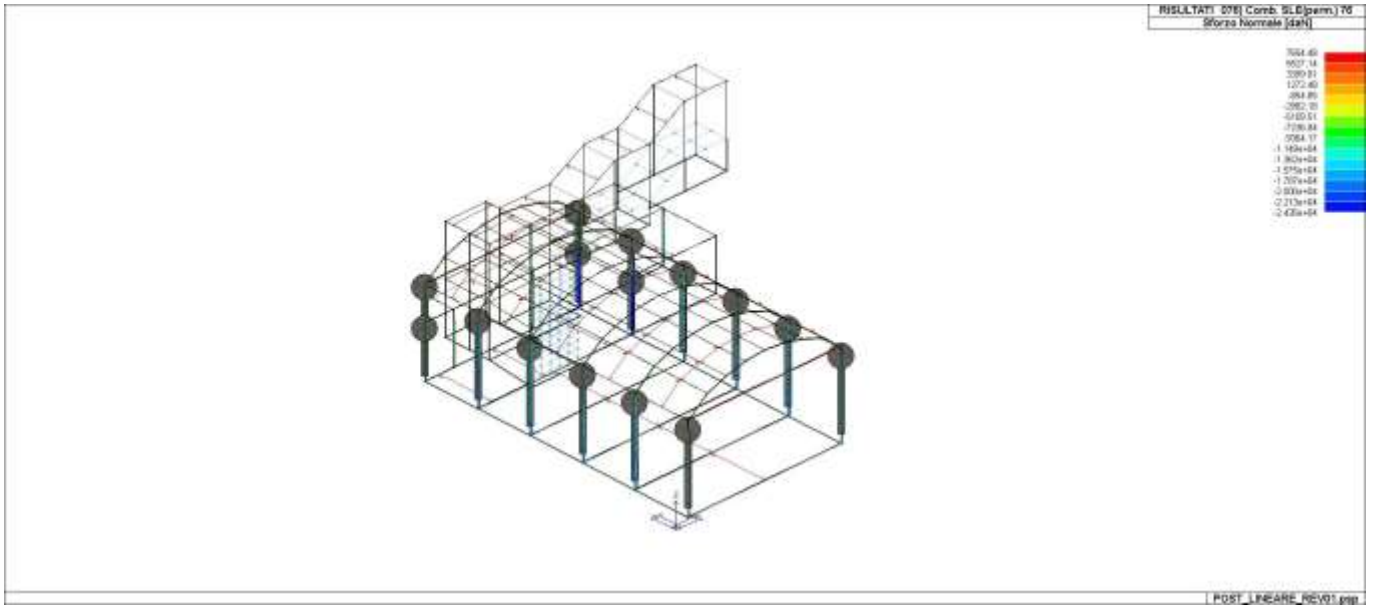
43_RIS_N_067_Comb. SLE (SLD Danno sism.) 67



43_RIS_N_074_Comb. SLE(freq.) 74



43_RIS_N_075_Comb. SLU (Accid.) 75



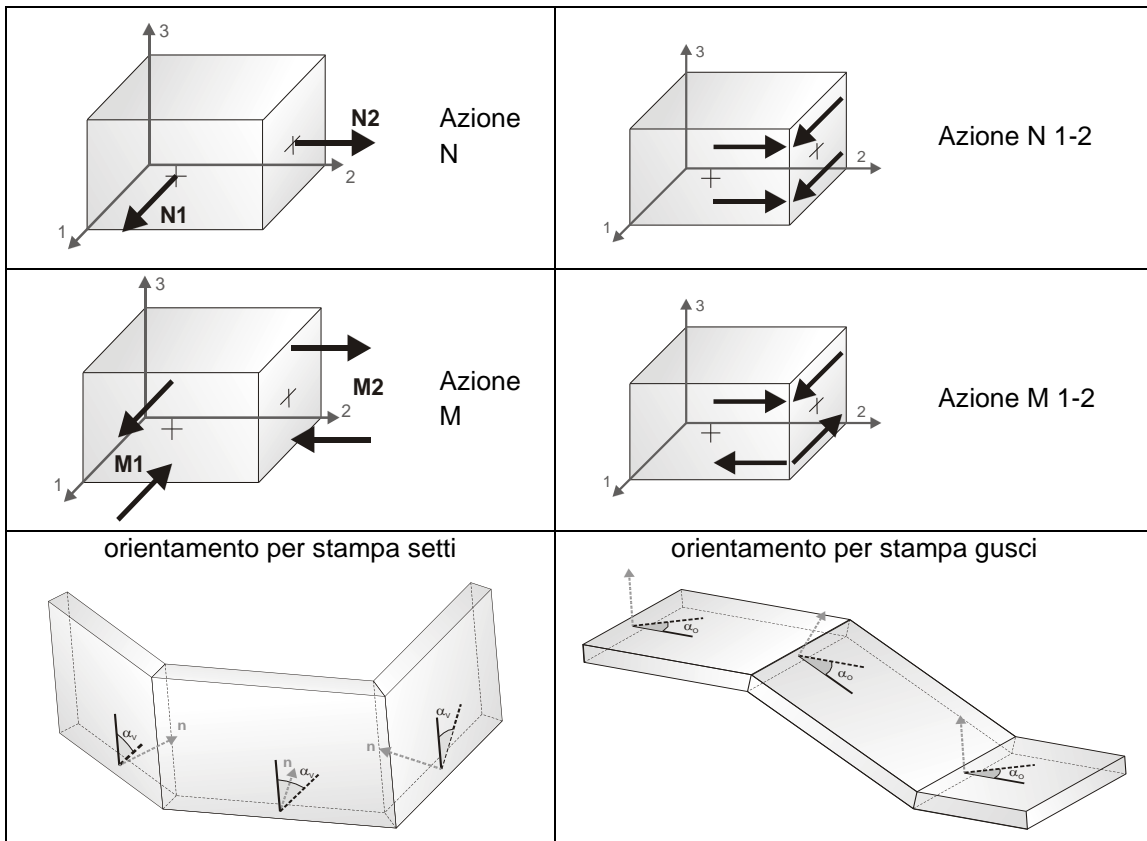
43_RIS_N_076_Comb. SLE(perm.) 76

RISULTATI ELEMENTI TIPO SHELL

LEGENDA RISULTATI ELEMENTI TIPO SHELL

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

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



In particolare vengono riportati in ogni nodo di un elemento per ogni combinazione:

tensione di Von Mises	(valore riassuntivo del complessivo stato di sollecitazione)
N max	sfuerzo membranale principale massimo
N min	sfuerzo membranale principale minimo
M max	sfuerzo flessionale principale massimo
M min	sfuerzo flessionale principale minimo
N1 N2	sfuerzi membranali e flessionali in direzione locale 1 e 2 dell'elemento
N1-2 M1	(lo sfuerzo 2-1 è uguale allo sfuerzo 1-2 per la reciprocità delle tensioni
M2 M1-2	tangenziali)

I suddetti risultati possono a scelta del progettista essere preceduti o sostituiti da valori di sollecitazione non più riferiti al sistema locale dell'elemento ma al sistema globale.

In questo caso gli elementi vengono raggruppati in gruppi (M_S: macro gusci o macro setti, raggruppati per materiale, spessore, e posizione fisica) per la valutazione dei valori mediati ai nodi appartenenti agli elementi dei gruppi stessi. I valori di sollecitazione sono, in questo caso, riferiti ad una terna specifica del gruppo ruotata di α_o attorno all'asse Z per i gusci e ruotata di α_v attorno alla normale (che per definizione è orizzontale) al piano del setto.

Per i setti, in particolare, se α_v è zero, l'asse '1-1 rappresenta la verticale e l'asse '2-2 l'orizzontale contenuta nel setto.

Le azioni sui setti possono essere espresse anche con formato macro, cioè riferite all'intero macroelemento.

In particolare vengono riportati per ogni quota Z dei nodi e per ogni combinazione i seguenti valori:

N memb.	Azione membranale complessiva agente sulla parete in direzione Z
V memb.	Azione complessiva di taglio agente nel piano del macroelemento
V orto	Azione complessiva di taglio agente in direzione perpendicolare al macroelemento
M memb.	Azione flessionale complessiva agente nel piano del macroelemento
M orto	Azione flessionale complessiva agente in direzione perpendicolare al macroelemento
T	Azione torsionale complessiva agente nel piano orizzontale

Macro	Tipo	Angolo 1-Z (gradi)
5	Setto	0.0

M_S	Cmb	Z cm	N memb. daN	V memb. daN	V orto daN	M memb. daN cm	M orto daN cm	T daN cm
5	1	-360.00	-2.114e+04	2832.53	-1839.84	1.454e+06	-1.478e+05	8.990e+04
5	1	-308.57	-2.130e+04	2830.08	-1839.84	1.574e+06	-1.093e+05	2.950e+04
5	1	-257.14	-2.053e+04	1355.68	621.16	1.699e+06	-7.823e+04	-1.838e+04
5	1	-205.71	-1.903e+04	1270.65	433.39	1.726e+06	-5.677e+04	-4.781e+04
5	1	-154.29	-1.765e+04	1152.52	244.25	1.729e+06	-4.388e+04	-6.604e+04
5	1	-102.86	-1.644e+04	865.35	57.10	1.693e+06	-4.081e+04	-7.432e+04
5	1	-51.43	-1.559e+04	-164.87	-167.29	1.571e+06	-5.147e+04	-6.127e+04
5	1	0.0	-9710.82	-8900.31	681.37	1.430e+06	-8660.59	-1799.82
5	3	-360.00	-1.838e+04	2537.46	-1507.45	1.249e+06	-1.186e+05	7.867e+04
5	3	-308.57	-1.848e+04	2538.00	-1507.45	1.364e+06	-8.974e+04	3.410e+04
5	3	-257.14	-1.754e+04	1306.49	486.53	1.489e+06	-6.581e+04	-5454.89
5	3	-205.71	-1.595e+04	1240.92	344.76	1.530e+06	-4.949e+04	-2.957e+04
5	3	-154.29	-1.445e+04	1142.57	197.82	1.551e+06	-4.014e+04	-4.483e+04
5	3	-102.86	-1.310e+04	889.81	48.57	1.540e+06	-3.910e+04	-5.210e+04
5	3	-51.43	-1.205e+04	-21.53	-131.27	1.456e+06	-5.012e+04	-4.143e+04
5	3	0.0	-7159.12	-9004.10	740.72	1.345e+06	-1.029e+04	4840.49
5	6	-360.00	-1.340e+04	1667.65	-1048.99	9.172e+05	-8.265e+04	5.803e+04
5	6	-308.57	-1.341e+04	1636.99	-1048.99	1.003e+06	-6.321e+04	2.802e+04
5	6	-257.14	-1.255e+04	723.39	328.51	1.099e+06	-4.705e+04	-688.34
5	6	-205.71	-1.122e+04	669.66	218.87	1.135e+06	-3.668e+04	-1.852e+04
5	6	-154.29	-9938.81	588.76	101.36	1.159e+06	-3.188e+04	-3.060e+04
5	6	-102.86	-8742.79	384.42	-29.06	1.162e+06	-3.432e+04	-3.746e+04
5	6	-51.43	-7749.59	-332.58	-199.95	1.113e+06	-4.870e+04	-3.062e+04
5	6	0.0	-3952.11	-6430.01	715.02	1.002e+06	-2.015e+04	5674.26
5	7	-360.00	-1.577e+04	2090.48	-1352.65	1.084e+06	-1.084e+05	6.723e+04
5	7	-308.57	-1.588e+04	2083.84	-1352.65	1.175e+06	-8.052e+04	2.355e+04
5	7	-257.14	-1.524e+04	987.37	452.62	1.270e+06	-5.791e+04	-1.188e+04
5	7	-205.71	-1.406e+04	924.00	314.25	1.293e+06	-4.242e+04	-3.367e+04
5	7	-154.29	-1.296e+04	834.93	173.74	1.299e+06	-3.334e+04	-4.733e+04
5	7	-102.86	-1.199e+04	617.04	32.49	1.275e+06	-3.174e+04	-5.375e+04
5	7	-51.43	-1.129e+04	-162.62	-139.13	1.188e+06	-4.086e+04	-4.424e+04
5	7	0.0	-6882.36	-6780.39	552.47	1.079e+06	-8712.13	-222.95
5	8	-360.00	-1.393e+04	1893.77	-1131.06	9.471e+05	-8.895e+04	5.973e+04
5	8	-308.57	-1.400e+04	1889.12	-1131.06	1.035e+06	-6.746e+04	2.662e+04
5	8	-257.14	-1.324e+04	954.57	362.87	1.131e+06	-4.963e+04	-3256.03
5	8	-205.71	-1.201e+04	904.18	255.16	1.162e+06	-3.757e+04	-2.151e+04
5	8	-154.29	-1.083e+04	828.30	142.79	1.180e+06	-3.085e+04	-3.319e+04
5	8	-102.86	-9766.75	633.35	26.81	1.173e+06	-3.060e+04	-3.893e+04
5	8	-51.43	-8927.42	-67.06	-115.12	1.111e+06	-3.996e+04	-3.102e+04
5	8	0.0	-5181.22	-6849.58	592.03	1.023e+06	-9799.63	4203.92
5	9	-360.00	-1.361e+04	1705.58	-1074.81	9.320e+05	-8.481e+04	5.887e+04
5	9	-308.57	-1.362e+04	1676.63	-1074.81	1.019e+06	-6.470e+04	2.774e+04
5	9	-257.14	-1.277e+04	747.52	338.41	1.116e+06	-4.803e+04	-1573.98
5	9	-205.71	-1.145e+04	692.88	226.11	1.151e+06	-3.727e+04	-1.978e+04
5	9	-154.29	-1.018e+04	611.11	106.24	1.175e+06	-3.218e+04	-3.205e+04

5	9	-102.86	-8995.92	405.26	-25.88	1.178e+06	-3.440e+04	-3.894e+04
5	9	-51.43	-8013.81	-316.89	-198.18	1.128e+06	-4.860e+04	-3.190e+04
5	9	0.0	-4174.25	-6449.67	709.61	1.016e+06	-1.968e+04	5261.09
5	24	-360.00	-1.430e+04	1425.52	-1122.45	9.969e+05	-7.181e+04	7.164e+04
5	24	-308.57	-1.431e+04	1396.58	-1122.45	1.084e+06	-5.190e+04	4.062e+04
5	24	-257.14	-1.354e+04	257.54	267.17	1.164e+06	-3.895e+04	1.296e+04
5	24	-205.71	-1.211e+04	244.93	163.43	1.133e+06	-3.137e+04	-2619.68
5	24	-154.29	-1.112e+04	208.10	36.97	1.119e+06	-3.721e+04	-1.446e+04
5	24	-102.86	-9941.00	-115.38	-134.78	1.087e+06	-4.225e+04	-2.273e+04
5	24	-51.43	-9250.78	-954.71	-509.89	9.589e+05	-6.490e+04	-1.932e+04
5	24	0.0	-4387.90	-7626.66	446.60	8.309e+05	-4.687e+04	9563.78
5	30	-360.00	-1.394e+04	2317.52	-868.87	9.902e+05	-1.153e+05	6.628e+04
5	30	-308.57	-1.395e+04	2288.58	-868.87	1.077e+06	-9.483e+04	3.157e+04
5	30	-257.14	-1.323e+04	1144.03	467.27	1.181e+06	-7.016e+04	-2.136e+04
5	30	-205.71	-1.236e+04	1356.63	324.77	1.210e+06	-5.339e+04	-4.678e+04
5	30	-154.29	-1.140e+04	1690.97	189.49	1.249e+06	-4.195e+04	-6.364e+04
5	30	-102.86	-1.082e+04	725.18	-2.76	1.279e+06	-4.231e+04	-7.351e+04
5	30	-51.43	-9119.82	196.73	-213.27	1.268e+06	-5.695e+04	-6.638e+04
5	30	0.0	-6120.50	-6847.19	766.34	1.231e+06	-2.944e+04	-2.749e+04
5	33	-360.00	-1.327e+04	1093.63	-1280.76	8.739e+05	-5.429e+04	5.146e+04
5	33	-308.57	-1.328e+04	1064.69	-1280.76	9.605e+05	-3.457e+04	2.391e+04
5	33	-257.14	-1.232e+04	351.02	209.55	1.051e+06	-2.590e+04	1.821e+04
5	33	-205.71	-1.055e+04	29.14	127.45	1.092e+06	-2.115e+04	7224.62
5	33	-154.29	-8964.39	-468.75	22.99	1.100e+06	-2.241e+04	-460.62
5	33	-102.86	-7169.75	85.33	-49.00	1.076e+06	-2.649e+04	-4366.20
5	33	-51.43	-6907.81	-830.52	-183.08	9.879e+05	-4.025e+04	2586.35
5	33	0.0	-2227.99	-6052.15	652.87	8.011e+05	-9929.36	3.801e+04
5	56	-360.00	-1.430e+04	1425.52	-1122.45	9.969e+05	-7.181e+04	7.164e+04
5	56	-308.57	-1.431e+04	1396.58	-1122.45	1.084e+06	-5.190e+04	4.062e+04
5	56	-257.14	-1.354e+04	257.54	267.17	1.164e+06	-3.895e+04	1.296e+04
5	56	-205.71	-1.211e+04	244.93	163.43	1.133e+06	-3.137e+04	-2619.68
5	56	-154.29	-1.112e+04	208.10	36.97	1.119e+06	-3.721e+04	-1.446e+04
5	56	-102.86	-9941.00	-115.38	-134.78	1.087e+06	-4.225e+04	-2.273e+04
5	56	-51.43	-9250.78	-954.71	-509.89	9.589e+05	-6.490e+04	-1.932e+04
5	56	0.0	-4387.90	-7626.66	446.60	8.309e+05	-4.687e+04	9563.78
5	62	-360.00	-1.394e+04	2317.52	-868.87	9.902e+05	-1.153e+05	6.628e+04
5	62	-308.57	-1.395e+04	2288.58	-868.87	1.077e+06	-9.483e+04	3.157e+04
5	62	-257.14	-1.323e+04	1144.03	467.27	1.181e+06	-7.016e+04	-2.136e+04
5	62	-205.71	-1.236e+04	1356.63	324.77	1.210e+06	-5.339e+04	-4.678e+04
5	62	-154.29	-1.140e+04	1690.97	189.49	1.249e+06	-4.195e+04	-6.364e+04
5	62	-102.86	-1.082e+04	725.18	-2.76	1.279e+06	-4.231e+04	-7.351e+04
5	62	-51.43	-9119.82	196.73	-213.27	1.268e+06	-5.695e+04	-6.638e+04
5	62	0.0	-6120.50	-6847.19	766.34	1.231e+06	-2.944e+04	-2.749e+04
5	65	-360.00	-1.327e+04	1093.63	-1280.76	8.739e+05	-5.429e+04	5.146e+04
5	65	-308.57	-1.328e+04	1064.69	-1280.76	9.605e+05	-3.457e+04	2.391e+04
5	65	-257.14	-1.232e+04	351.02	209.55	1.051e+06	-2.590e+04	1.821e+04
5	65	-205.71	-1.055e+04	29.14	127.45	1.092e+06	-2.115e+04	7224.62
5	65	-154.29	-8964.39	-468.75	22.99	1.100e+06	-2.241e+04	-460.62
5	65	-102.86	-7169.75	85.33	-49.00	1.076e+06	-2.649e+04	-4366.20
5	65	-51.43	-6907.81	-830.52	-183.08	9.879e+05	-4.025e+04	2586.35
5	65	0.0	-2227.99	-6052.15	652.87	8.011e+05	-9929.36	3.801e+04
5	74	-360.00	-1.361e+04	1705.58	-1074.81	9.320e+05	-8.481e+04	5.887e+04
5	74	-308.57	-1.362e+04	1676.63	-1074.81	1.019e+06	-6.470e+04	2.774e+04
5	74	-257.14	-1.277e+04	747.52	338.41	1.116e+06	-4.803e+04	-1573.98
5	74	-205.71	-1.145e+04	692.88	226.11	1.151e+06	-3.727e+04	-1.978e+04
5	74	-154.29	-1.018e+04	611.11	106.24	1.175e+06	-3.218e+04	-3.205e+04
5	74	-102.86	-8995.92	405.26	-25.88	1.178e+06	-3.440e+04	-3.894e+04
5	74	-51.43	-8013.81	-316.89	-198.18	1.128e+06	-4.860e+04	-3.190e+04
5	74	0.0	-4174.25	-6449.67	709.61	1.016e+06	-1.968e+04	5261.09
5	75	-360.00	-1.361e+04	1705.58	-1074.81	9.320e+05	-8.481e+04	5.887e+04
5	75	-308.57	-1.362e+04	1676.63	-1074.81	1.019e+06	-6.470e+04	2.774e+04
5	75	-257.14	-1.277e+04	747.52	338.41	1.116e+06	-4.803e+04	-1573.98
5	75	-205.71	-1.145e+04	692.88	226.11	1.151e+06	-3.727e+04	-1.978e+04
5	75	-154.29	-1.018e+04	611.11	106.24	1.175e+06	-3.218e+04	-3.205e+04
5	75	-102.86	-8995.92	405.26	-25.88	1.178e+06	-3.440e+04	-3.894e+04
5	75	-51.43	-8013.81	-316.89	-198.18	1.128e+06	-4.860e+04	-3.190e+04
5	75	0.0	-4174.25	-6449.67	709.61	1.016e+06	-1.968e+04	5261.09
5	76	-360.00	-1.361e+04	1705.58	-1074.81	9.320e+05	-8.481e+04	5.887e+04
5	76	-308.57	-1.362e+04	1676.63	-1074.81	1.019e+06	-6.470e+04	2.774e+04
5	76	-257.14	-1.277e+04	747.52	338.41	1.116e+06	-4.803e+04	-1573.98
5	76	-205.71	-1.145e+04	692.88	226.11	1.151e+06	-3.727e+04	-1.978e+04
5	76	-154.29	-1.018e+04	611.11	106.24	1.175e+06	-3.218e+04	-3.205e+04
5	76	-102.86	-8995.92	405.26	-25.88	1.178e+06	-3.440e+04	-3.894e+04
5	76	-51.43	-8013.81	-316.89	-198.18	1.128e+06	-4.860e+04	-3.190e+04
5	76	0.0	-4174.25	-6449.67	709.61	1.016e+06	-1.968e+04	5261.09

M_S

N memb.

V memb.

V orto

M memb.

M orto

T

-2.130e+04	-9004.10	-1839.84	8.011e+05	-1.478e+05	-7.432e+04
-2227.99	2832.53	766.34	1.729e+06	-8660.59	8.990e+04

Macro	Tipo	Angolo 1-Z (gradi)
6	Setto	0.0

M_S	Cmb	Z cm	N memb. daN	V memb. daN	V orto daN	M memb. daN cm	M orto daN cm	T daN cm
6	1	-360.00	-1.696e+04	2484.51	747.47	-1.216e+06	3.323e+04	-5.726e+04
6	1	-308.57	-2.074e+04	1346.86	747.47	-2.074e+06	5.596e+04	-4.783e+04
6	1	-257.14	-1.916e+04	-3889.94	-439.88	-2.119e+06	2.186e+04	-1.595e+04
6	1	-205.71	-1.775e+04	-3968.68	-147.46	-2.089e+06	1.335e+04	-1.900e+04
6	1	-154.29	-1.586e+04	-4183.60	98.82	-2.000e+06	1.560e+04	-1.932e+04
6	1	-102.86	-1.354e+04	-4500.04	340.30	-1.884e+06	3.029e+04	-1.933e+04
6	1	-51.43	-1.041e+04	-5175.00	639.27	-1.731e+06	7.345e+04	-2.609e+04
6	1	0.0	-4795.49	-7548.78	-389.55	-1.412e+06	4.032e+04	-7.173e+04
6	6	-360.00	-1.111e+04	2454.44	521.95	-8.144e+05	2.299e+04	-3.288e+04
6	6	-308.57	-1.368e+04	1888.60	521.95	-1.402e+06	3.811e+04	-2.223e+04
6	6	-257.14	-1.246e+04	-1623.29	-306.28	-1.436e+06	1.481e+04	-1442.95
6	6	-205.71	-1.143e+04	-1674.48	-114.04	-1.426e+06	8755.88	-3592.39
6	6	-154.29	-1.011e+04	-1823.42	53.94	-1.375e+06	9985.73	-3777.38
6	6	-102.86	-8562.71	-2062.23	229.10	-1.303e+06	2.000e+04	-3947.93
6	6	-51.43	-6558.65	-2617.15	463.95	-1.205e+06	5.026e+04	-1.006e+04
6	6	0.0	-2322.84	-4998.78	-253.80	-1.049e+06	2.799e+04	-4.606e+04
6	7	-360.00	-1.271e+04	1995.78	565.57	-9.143e+05	2.511e+04	-4.211e+04
6	7	-308.57	-1.556e+04	1171.98	565.57	-1.562e+06	4.218e+04	-3.428e+04
6	7	-257.14	-1.434e+04	-2766.67	-332.67	-1.596e+06	1.646e+04	-1.040e+04
6	7	-205.71	-1.327e+04	-2825.50	-113.35	-1.575e+06	1.001e+04	-1.272e+04
6	7	-154.29	-1.183e+04	-2987.69	72.32	-1.510e+06	1.165e+04	-1.295e+04
6	7	-102.86	-1.008e+04	-3229.45	256.01	-1.424e+06	2.273e+04	-1.298e+04
6	7	-51.43	-7734.59	-3751.60	486.34	-1.310e+06	5.541e+04	-1.833e+04
6	7	0.0	-3444.95	-5649.89	-291.03	-1.080e+06	3.049e+04	-5.359e+04
6	9	-360.00	-1.126e+04	2431.60	526.34	-8.234e+05	2.320e+04	-3.371e+04
6	9	-308.57	-1.384e+04	1846.87	526.34	-1.417e+06	3.850e+04	-2.330e+04
6	9	-257.14	-1.263e+04	-1704.02	-308.94	-1.451e+06	1.498e+04	-2240.50
6	9	-205.71	-1.160e+04	-1756.13	-114.35	-1.440e+06	8873.29	-4405.73
6	9	-154.29	-1.028e+04	-1906.85	55.35	-1.387e+06	1.013e+04	-4595.55
6	9	-102.86	-8728.98	-2147.63	231.73	-1.314e+06	2.024e+04	-4754.05
6	9	-51.43	-6709.98	-2705.94	467.12	-1.212e+06	5.074e+04	-1.082e+04
6	9	0.0	-2438.64	-5090.91	-258.51	-1.052e+06	2.820e+04	-4.674e+04
6	16	-360.00	-1.158e+04	2547.97	489.02	-8.900e+05	2.610e+04	-4.043e+04
6	16	-308.57	-1.417e+04	1963.23	489.02	-1.483e+06	4.141e+04	-2.843e+04
6	16	-257.14	-1.302e+04	-1568.80	-339.80	-1.525e+06	1.650e+04	-4012.53
6	16	-205.71	-1.180e+04	-1587.24	-91.88	-1.508e+06	1.003e+04	-7305.70
6	16	-154.29	-1.024e+04	-1894.45	94.00	-1.462e+06	1.234e+04	-7856.18
6	16	-102.86	-8545.59	-1836.28	303.35	-1.415e+06	2.469e+04	-6740.71
6	16	-51.43	-6793.92	-2929.40	633.30	-1.309e+06	6.093e+04	-1.687e+04
6	16	0.0	-2011.41	-6239.78	-468.38	-1.185e+06	3.779e+04	-5.983e+04
6	29	-360.00	-1.026e+04	3866.16	483.34	-7.190e+05	2.455e+04	-2.722e+04
6	29	-308.57	-1.285e+04	3281.42	483.34	-1.312e+06	3.977e+04	-2.081e+04
6	29	-257.14	-1.164e+04	-110.44	-313.49	-1.365e+06	1.519e+04	-342.22
6	29	-205.71	-1.060e+04	-93.79	-139.52	-1.405e+06	8515.06	-2160.32
6	29	-154.29	-9272.28	-235.56	35.01	-1.403e+06	8875.06	-1668.41
6	29	-102.86	-7684.09	-284.35	218.94	-1.409e+06	1.694e+04	152.02
6	29	-51.43	-5688.55	-1239.22	555.65	-1.428e+06	4.736e+04	-8307.52
6	29	0.0	-1450.44	-3004.98	-259.24	-1.289e+06	2.540e+04	-4.538e+04
6	40	-360.00	-1.234e+04	1096.29	546.05	-9.518e+05	2.237e+04	-4.190e+04
6	40	-308.57	-1.493e+04	511.55	546.05	-1.545e+06	3.803e+04	-2.939e+04
6	40	-257.14	-1.373e+04	-3130.27	-307.33	-1.561e+06	1.522e+04	-5918.20
6	40	-205.71	-1.260e+04	-3209.57	-80.27	-1.508e+06	9289.78	-8562.71
6	40	-154.29	-1.113e+04	-3450.87	96.79	-1.410e+06	1.195e+04	-8976.70
6	40	-102.86	-9499.48	-3664.82	286.99	-1.277e+06	2.449e+04	-9216.57
6	40	-51.43	-7342.05	-4186.27	510.90	-1.097e+06	5.788e+04	-1.755e+04
6	40	0.0	-2975.06	-7634.15	-367.75	-9.190e+05	3.453e+04	-5.475e+04
6	48	-360.00	-1.158e+04	2547.97	489.02	-8.900e+05	2.610e+04	-4.043e+04
6	48	-308.57	-1.417e+04	1963.23	489.02	-1.483e+06	4.141e+04	-2.843e+04
6	48	-257.14	-1.302e+04	-1568.80	-339.80	-1.525e+06	1.650e+04	-4012.53
6	48	-205.71	-1.180e+04	-1587.24	-91.88	-1.508e+06	1.003e+04	-7305.70
6	48	-154.29	-1.024e+04	-1894.45	94.00	-1.462e+06	1.234e+04	-7856.18
6	48	-102.86	-8545.59	-1836.28	303.35	-1.415e+06	2.469e+04	-6740.71

6	48	-51.43	-6793.92	-2929.40	633.30	-1.309e+06	6.093e+04	-1.687e+04
6	48	0.0	-2011.41	-6239.78	-468.38	-1.185e+06	3.779e+04	-5.983e+04
6	61	-360.00	-1.026e+04	3866.16	483.34	-7.190e+05	2.455e+04	-2.722e+04
6	61	-308.57	-1.285e+04	3281.42	483.34	-1.312e+06	3.977e+04	-2.081e+04
6	61	-257.14	-1.164e+04	-110.44	-313.49	-1.365e+06	1.519e+04	-342.22
6	61	-205.71	-1.060e+04	-93.79	-139.52	-1.405e+06	8515.06	-2160.32
6	61	-154.29	-9272.28	-235.56	35.01	-1.403e+06	8875.06	-1668.41
6	61	-102.86	-7684.09	-284.35	218.94	-1.409e+06	1.694e+04	152.02
6	61	-51.43	-5688.55	-1239.22	555.65	-1.428e+06	4.736e+04	-8307.52
6	61	0.0	-1450.44	-3004.98	-259.24	-1.289e+06	2.540e+04	-4.538e+04
6	72	-360.00	-1.234e+04	1096.29	546.05	-9.518e+05	2.237e+04	-4.190e+04
6	72	-308.57	-1.493e+04	511.55	546.05	-1.545e+06	3.803e+04	-2.939e+04
6	72	-257.14	-1.373e+04	-3130.27	-307.33	-1.561e+06	1.522e+04	-5918.20
6	72	-205.71	-1.260e+04	-3209.57	-80.27	-1.508e+06	9289.78	-8562.71
6	72	-154.29	-1.113e+04	-3450.87	96.79	-1.410e+06	1.195e+04	-8976.70
6	72	-102.86	-9499.48	-3664.82	286.99	-1.277e+06	2.449e+04	-9216.57
6	72	-51.43	-7342.05	-4186.27	510.90	-1.097e+06	5.788e+04	-1.755e+04
6	72	0.0	-2975.06	-7634.15	-367.75	-9.190e+05	3.453e+04	-5.475e+04
6	74	-360.00	-1.126e+04	2431.60	526.34	-8.234e+05	2.320e+04	-3.371e+04
6	74	-308.57	-1.384e+04	1846.87	526.34	-1.417e+06	3.850e+04	-2.330e+04
6	74	-257.14	-1.263e+04	-1704.02	-308.94	-1.451e+06	1.498e+04	-2240.50
6	74	-205.71	-1.160e+04	-1756.13	-114.35	-1.440e+06	8873.29	-4405.73
6	74	-154.29	-1.028e+04	-1906.85	55.35	-1.387e+06	1.013e+04	-4595.55
6	74	-102.86	-8728.98	-2147.63	231.73	-1.314e+06	2.024e+04	-4754.05
6	74	-51.43	-6709.98	-2705.94	467.12	-1.212e+06	5.074e+04	-1.082e+04
6	74	0.0	-2438.64	-5090.91	-258.51	-1.052e+06	2.820e+04	-4.674e+04
6	75	-360.00	-1.126e+04	2431.60	526.34	-8.234e+05	2.320e+04	-3.371e+04
6	75	-308.57	-1.384e+04	1846.87	526.34	-1.417e+06	3.850e+04	-2.330e+04
6	75	-257.14	-1.263e+04	-1704.02	-308.94	-1.451e+06	1.498e+04	-2240.50
6	75	-205.71	-1.160e+04	-1756.13	-114.35	-1.440e+06	8873.29	-4405.73
6	75	-154.29	-1.028e+04	-1906.85	55.35	-1.387e+06	1.013e+04	-4595.55
6	75	-102.86	-8728.98	-2147.63	231.73	-1.314e+06	2.024e+04	-4754.05
6	75	-51.43	-6709.98	-2705.94	467.12	-1.212e+06	5.074e+04	-1.082e+04
6	75	0.0	-2438.64	-5090.91	-258.51	-1.052e+06	2.820e+04	-4.674e+04
6	76	-360.00	-1.126e+04	2431.60	526.34	-8.234e+05	2.320e+04	-3.371e+04
6	76	-308.57	-1.384e+04	1846.87	526.34	-1.417e+06	3.850e+04	-2.330e+04
6	76	-257.14	-1.263e+04	-1704.02	-308.94	-1.451e+06	1.498e+04	-2240.50
6	76	-205.71	-1.160e+04	-1756.13	-114.35	-1.440e+06	8873.29	-4405.73
6	76	-154.29	-1.028e+04	-1906.85	55.35	-1.387e+06	1.013e+04	-4595.55
6	76	-102.86	-8728.98	-2147.63	231.73	-1.314e+06	2.024e+04	-4754.05
6	76	-51.43	-6709.98	-2705.94	467.12	-1.212e+06	5.074e+04	-1.082e+04
6	76	0.0	-2438.64	-5090.91	-258.51	-1.052e+06	2.820e+04	-4.674e+04

M_S

N memb.
-2.074e+04
-1450.44

V memb.
-7634.15
3866.16

V orto
-468.38
747.47

M memb.
-2.119e+06
-7.190e+05

M orto
8515.06
7.345e+04

T
-7.173e+04
152.02

Macro	Tipo	Angolo 1-Z (gradi)
7	Setto	0.0

M_S	Cmb	Z cm	N memb. daN	V memb. daN	V orto daN	M memb. daN cm	M orto daN cm	T daN cm
7	1	-360.00	-1.561e+04	8126.90	-899.07	1.128e+06	-4.581e+04	1.627e+04
7	1	-308.57	-1.960e+04	8353.66	-899.07	2.030e+06	-5.723e+04	-1.870e+04
7	1	-257.14	-1.867e+04	3088.55	617.60	2.077e+06	-2.095e+04	-4.170e+04
7	1	-205.71	-1.858e+04	2958.46	357.90	2.067e+06	-9118.57	-3.645e+04
7	1	-154.29	-1.843e+04	2564.35	95.07	1.913e+06	-7605.71	-3.501e+04
7	1	-102.86	-1.860e+04	1804.01	-210.08	1.579e+06	-1.776e+04	-3.350e+04
7	1	-51.43	-1.901e+04	-337.14	-572.98	9.852e+05	-4.662e+04	-2.490e+04
7	1	0.0	-9958.22	-1.149e+04	540.46	8.425e+05	-1.849e+04	-6948.95
7	4	-360.00	-1.078e+04	4909.56	-606.00	8.037e+05	-3.110e+04	2.128e+04
7	4	-308.57	-1.351e+04	4828.40	-606.00	1.417e+06	-3.940e+04	4302.05
7	4	-257.14	-1.268e+04	1076.55	415.50	1.443e+06	-1.419e+04	-1.315e+04
7	4	-205.71	-1.243e+04	980.95	220.38	1.424e+06	-6454.15	-9402.53
7	4	-154.29	-1.214e+04	716.55	35.11	1.304e+06	-5981.64	-8123.34
7	4	-102.86	-1.206e+04	229.58	-165.42	1.065e+06	-1.338e+04	-6695.39
7	4	-51.43	-1.212e+04	-1118.82	-392.58	6.624e+05	-3.362e+04	208.48
7	4	0.0	-5997.95	-8306.04	439.27	5.699e+05	-1.280e+04	1.359e+04
7	7	-360.00	-1.176e+04	6046.54	-675.24	8.523e+05	-3.446e+04	1.286e+04
7	7	-308.57	-1.477e+04	6193.95	-675.24	1.531e+06	-4.317e+04	-1.307e+04

7	7	-257.14	-1.404e+04	2218.65	464.76	1.567e+06	-1.584e+04	-3.051e+04
7	7	-205.71	-1.395e+04	2120.11	268.19	1.559e+06	-6944.77	-2.658e+04
7	7	-154.29	-1.381e+04	1823.35	69.88	1.442e+06	-5833.69	-2.549e+04
7	7	-102.86	-1.391e+04	1252.75	-159.48	1.190e+06	-1.352e+04	-2.430e+04
7	7	-51.43	-1.419e+04	-349.93	-431.65	7.430e+05	-3.534e+04	-1.764e+04
7	7	0.0	-7373.00	-8715.15	414.64	6.371e+05	-1.397e+04	-3692.00
7	8	-360.00	-1.082e+04	5049.57	-610.28	8.023e+05	-3.134e+04	1.880e+04
7	8	-308.57	-1.357e+04	5013.22	-610.28	1.421e+06	-3.970e+04	-111.56
7	8	-257.14	-1.277e+04	1273.58	420.28	1.449e+06	-1.445e+04	-1.727e+04
7	8	-205.71	-1.254e+04	1178.81	228.45	1.433e+06	-6548.58	-1.360e+04
7	8	-154.29	-1.228e+04	911.02	43.32	1.316e+06	-5910.94	-1.240e+04
7	8	-102.86	-1.223e+04	412.65	-160.63	1.078e+06	-1.324e+04	-1.104e+04
7	8	-51.43	-1.233e+04	-969.03	-394.78	6.717e+05	-3.355e+04	-4151.93
7	8	0.0	-6129.15	-8303.57	429.27	5.790e+05	-1.288e+04	9565.07
7	17	-360.00	-1.076e+04	4077.51	-630.84	8.359e+05	-2.968e+04	2.716e+04
7	17	-308.57	-1.350e+04	4107.49	-630.84	1.451e+06	-3.824e+04	5122.99
7	17	-257.14	-1.276e+04	306.12	401.12	1.472e+06	-1.422e+04	-1.147e+04
7	17	-205.71	-1.250e+04	140.93	216.87	1.442e+06	-7225.66	-8116.85
7	17	-154.29	-1.275e+04	-120.66	37.18	1.253e+06	-7317.30	-7173.36
7	17	-102.86	-1.252e+04	-619.97	-157.40	9.953e+05	-1.496e+04	-6088.55
7	17	-51.43	-1.236e+04	-2063.32	-339.70	5.481e+05	-3.474e+04	1272.31
7	17	0.0	-6280.29	-9346.02	447.19	4.566e+05	-1.449e+04	1.465e+04
7	31	-360.00	-1.080e+04	4525.76	-624.14	6.722e+05	-3.046e+04	-3.563e+04
7	31	-308.57	-1.355e+04	4555.73	-624.14	1.287e+06	-3.889e+04	-5.707e+04
7	31	-257.14	-1.308e+04	1337.35	402.68	1.311e+06	-1.307e+04	-7.629e+04
7	31	-205.71	-1.293e+04	1241.76	230.82	1.274e+06	-4956.91	-7.388e+04
7	31	-154.29	-1.258e+04	788.76	51.55	1.176e+06	-2004.82	-7.394e+04
7	31	-102.86	-1.257e+04	256.10	-148.59	9.437e+05	-7495.96	-7.279e+04
7	31	-51.43	-1.258e+04	-851.24	-397.28	5.554e+05	-2.594e+04	-6.685e+04
7	31	0.0	-6312.02	-8092.84	212.74	4.886e+05	-9417.23	-3.916e+04
7	37	-360.00	-1.084e+04	3964.83	-633.50	7.313e+05	-2.951e+04	-1.569e+04
7	37	-308.57	-1.359e+04	3994.80	-633.50	1.346e+06	-3.820e+04	-3.734e+04
7	37	-257.14	-1.309e+04	596.82	402.18	1.358e+06	-1.315e+04	-5.647e+04
7	37	-205.71	-1.293e+04	444.59	228.77	1.307e+06	-5622.18	-5.395e+04
7	37	-154.29	-1.288e+04	234.14	52.15	1.151e+06	-3856.59	-5.391e+04
7	37	-102.86	-1.279e+04	-286.99	-144.20	8.979e+05	-9868.54	-5.284e+04
7	37	-51.43	-1.271e+04	-1781.35	-285.76	4.772e+05	-2.817e+04	-4.644e+04
7	37	0.0	-6553.54	-8770.67	266.41	4.045e+05	-1.084e+04	-2.348e+04
7	38	-360.00	-1.051e+04	6335.38	-568.63	8.392e+05	-3.274e+04	4.346e+04
7	38	-308.57	-1.326e+04	6365.35	-568.63	1.454e+06	-4.089e+04	2.139e+04
7	38	-257.14	-1.224e+04	2466.97	439.04	1.510e+06	-1.627e+04	7782.24
7	38	-205.71	-1.202e+04	2436.69	247.85	1.538e+06	-7727.65	1.209e+04
7	38	-154.29	-1.160e+04	2109.83	61.58	1.479e+06	-7532.26	1.407e+04
7	38	-102.86	-1.163e+04	1614.87	-154.15	1.264e+06	-1.576e+04	1.548e+04
7	38	-51.43	-1.199e+04	289.99	-498.55	8.801e+05	-3.773e+04	2.285e+04
7	38	0.0	-5718.25	-7629.31	547.23	7.728e+05	-1.472e+04	2.908e+04
7	49	-360.00	-1.076e+04	4077.51	-630.84	8.359e+05	-2.968e+04	2.716e+04
7	49	-308.57	-1.350e+04	4107.49	-630.84	1.451e+06	-3.824e+04	5122.99
7	49	-257.14	-1.276e+04	306.12	401.12	1.472e+06	-1.422e+04	-1.147e+04
7	49	-205.71	-1.250e+04	140.93	216.87	1.442e+06	-7225.66	-8116.85
7	49	-154.29	-1.275e+04	-120.66	37.18	1.253e+06	-7317.30	-7173.36
7	49	-102.86	-1.252e+04	-619.97	-157.40	9.953e+05	-1.496e+04	-6088.55
7	49	-51.43	-1.236e+04	-2063.32	-339.70	5.481e+05	-3.474e+04	1272.31
7	49	0.0	-6280.29	-9346.02	447.19	4.566e+05	-1.449e+04	1.465e+04
7	63	-360.00	-1.080e+04	4525.76	-624.14	6.722e+05	-3.046e+04	-3.563e+04
7	63	-308.57	-1.355e+04	4555.73	-624.14	1.287e+06	-3.889e+04	-5.707e+04
7	63	-257.14	-1.308e+04	1337.35	402.68	1.311e+06	-1.307e+04	-7.629e+04
7	63	-205.71	-1.293e+04	1241.76	230.82	1.274e+06	-4956.91	-7.388e+04
7	63	-154.29	-1.258e+04	788.76	51.55	1.176e+06	-2004.82	-7.394e+04
7	63	-102.86	-1.257e+04	256.10	-148.59	9.437e+05	-7495.96	-7.279e+04
7	63	-51.43	-1.258e+04	-851.24	-397.28	5.554e+05	-2.594e+04	-6.685e+04
7	63	0.0	-6312.02	-8092.84	212.74	4.886e+05	-9417.23	-3.916e+04
7	69	-360.00	-1.084e+04	3964.83	-633.50	7.313e+05	-2.951e+04	-1.569e+04
7	69	-308.57	-1.359e+04	3994.80	-633.50	1.346e+06	-3.820e+04	-3.734e+04
7	69	-257.14	-1.309e+04	596.82	402.18	1.358e+06	-1.315e+04	-5.647e+04
7	69	-205.71	-1.293e+04	444.59	228.77	1.307e+06	-5622.18	-5.395e+04
7	69	-154.29	-1.288e+04	234.14	52.15	1.151e+06	-3856.59	-5.391e+04
7	69	-102.86	-1.279e+04	-286.99	-144.20	8.979e+05	-9868.54	-5.284e+04
7	69	-51.43	-1.271e+04	-1781.35	-285.76	4.772e+05	-2.817e+04	-4.644e+04
7	69	0.0	-6553.54	-8770.67	266.41	4.045e+05	-1.084e+04	-2.348e+04
7	70	-360.00	-1.051e+04	6335.38	-568.63	8.392e+05	-3.274e+04	4.346e+04
7	70	-308.57	-1.326e+04	6365.35	-568.63	1.454e+06	-4.089e+04	2.139e+04
7	70	-257.14	-1.224e+04	2466.97	439.04	1.510e+06	-1.627e+04	7782.24
7	70	-205.71	-1.202e+04	2436.69	247.85	1.538e+06	-7727.65	1.209e+04
7	70	-154.29	-1.160e+04	2109.83	61.58	1.479e+06	-7532.26	1.407e+04
7	70	-102.86	-1.163e+04	1614.87	-154.15	1.264e+06	-1.576e+04	1.548e+04
7	70	-51.43	-1.199e+04	289.99	-498.55	8.801e+05	-3.773e+04	2.285e+04

7	70	0.0	-5718.25	-7629.31	547.23	7.728e+05	-1.472e+04	2.908e+04
7	74	-360.00	-1.067e+04	5153.86	-604.59	7.861e+05	-3.111e+04	1.419e+04
7	74	-308.57	-1.342e+04	5183.83	-604.59	1.401e+06	-3.953e+04	-7673.47
7	74	-257.14	-1.266e+04	1533.21	420.65	1.435e+06	-1.471e+04	-2.402e+04
7	74	-205.71	-1.247e+04	1441.39	238.12	1.424e+06	-6667.57	-2.060e+04
7	74	-154.29	-1.224e+04	1172.36	56.60	1.313e+06	-5756.57	-1.957e+04
7	74	-102.86	-1.222e+04	663.59	-149.52	1.080e+06	-1.284e+04	-1.832e+04
7	74	-51.43	-1.236e+04	-746.40	-391.55	6.779e+05	-3.300e+04	-1.141e+04
7	74	0.0	-6138.65	-8195.00	408.76	5.883e+05	-1.282e+04	3096.89
7	75	-360.00	-1.067e+04	5153.86	-604.59	7.861e+05	-3.111e+04	1.419e+04
7	75	-308.57	-1.342e+04	5183.83	-604.59	1.401e+06	-3.953e+04	-7673.47
7	75	-257.14	-1.266e+04	1533.21	420.65	1.435e+06	-1.471e+04	-2.402e+04
7	75	-205.71	-1.247e+04	1441.39	238.12	1.424e+06	-6667.57	-2.060e+04
7	75	-154.29	-1.224e+04	1172.36	56.60	1.313e+06	-5756.57	-1.957e+04
7	75	-102.86	-1.222e+04	663.59	-149.52	1.080e+06	-1.284e+04	-1.832e+04
7	75	-51.43	-1.236e+04	-746.40	-391.55	6.779e+05	-3.300e+04	-1.141e+04
7	75	0.0	-6138.65	-8195.00	408.76	5.883e+05	-1.282e+04	3096.89
7	76	-360.00	-1.067e+04	5153.86	-604.59	7.861e+05	-3.111e+04	1.419e+04
7	76	-308.57	-1.342e+04	5183.83	-604.59	1.401e+06	-3.953e+04	-7673.47
7	76	-257.14	-1.266e+04	1533.21	420.65	1.435e+06	-1.471e+04	-2.402e+04
7	76	-205.71	-1.247e+04	1441.39	238.12	1.424e+06	-6667.57	-2.060e+04
7	76	-154.29	-1.224e+04	1172.36	56.60	1.313e+06	-5756.57	-1.957e+04
7	76	-102.86	-1.222e+04	663.59	-149.52	1.080e+06	-1.284e+04	-1.832e+04
7	76	-51.43	-1.236e+04	-746.40	-391.55	6.779e+05	-3.300e+04	-1.141e+04
7	76	0.0	-6138.65	-8195.00	408.76	5.883e+05	-1.282e+04	3096.89

M_S

N memb.

V memb.

V orto

M memb.

M orto

T

-1.960e+04
-5718.25

-1.149e+04
8353.66

-899.07
617.60

4.045e+05
2.077e+06

-5.723e+04
-2004.82

-7.629e+04
4.346e+04

Macro	Tipo	Angolo 1-Z (gradi)
8	Setto	0.0

M_S	Cmb	Z cm	N memb. daN	V memb. daN	V orto daN	M memb. daN cm	M orto daN cm	T daN cm
8	1	-360.00	-7520.90	-966.89	101.42	-1.460e+05	-2616.37	-5.685e+04
8	1	-308.57	-8711.92	-1304.13	101.42	-4.065e+05	1.224e+04	-8.961e+04
8	1	-257.14	-6991.67	-1753.92	191.32	-5.165e+05	2.192e+04	-6.977e+04
8	1	-205.71	-4486.63	-1779.53	299.64	-5.923e+05	3.726e+04	-5.006e+04
8	1	-154.29	-1664.71	-1899.59	511.16	-7.020e+05	6.357e+04	-1.755e+04
8	1	-102.86	1588.53	-2136.16	856.34	-8.857e+05	1.105e+05	3.219e+04
8	1	-51.43	5328.91	-2508.56	1290.12	-1.155e+06	1.980e+05	9.267e+04
8	1	0.0	7206.85	-3919.14	-362.61	-1.077e+06	1.721e+05	1.219e+05
8	7	-360.00	-5678.08	-692.05	93.07	-1.122e+05	-933.56	-4.316e+04
8	7	-308.57	-6590.57	-932.04	93.07	-3.103e+05	1.018e+04	-6.674e+04
8	7	-257.14	-5285.49	-1273.26	136.75	-3.939e+05	1.704e+04	-5.122e+04
8	7	-205.71	-3386.80	-1293.15	219.72	-4.519e+05	2.827e+04	-3.614e+04
8	7	-154.29	-1249.16	-1383.49	379.46	-5.356e+05	4.778e+04	-1.170e+04
8	7	-102.86	1210.88	-1561.88	638.40	-6.752e+05	8.279e+04	2.542e+04
8	7	-51.43	4030.65	-1847.49	962.11	-8.789e+05	1.482e+05	7.013e+04
8	7	0.0	5455.76	-2950.43	-294.95	-8.207e+05	1.277e+05	9.062e+04
8	19	-360.00	-4685.31	-1199.35	545.66	-4.482e+04	-3.558e+04	-2.768e+04
8	19	-308.57	-5581.88	-1357.06	545.66	-2.326e+05	-2.534e+04	-5.863e+04
8	19	-257.14	-4258.74	-1453.65	383.94	-3.025e+05	-5437.69	-5.391e+04
8	19	-205.71	-2035.63	-1412.71	403.27	-3.773e+05	1.582e+04	-4.704e+04
8	19	-154.29	35.89	-1697.91	525.65	-4.504e+05	4.539e+04	-3.620e+04
8	19	-102.86	2368.44	-1593.79	764.42	-5.775e+05	8.385e+04	2365.52
8	19	-51.43	4953.54	-2064.66	1014.14	-7.673e+05	1.505e+05	5.816e+04
8	19	0.0	6392.86	-2026.41	-116.93	-7.048e+05	1.399e+05	9.071e+04
8	40	-360.00	-6107.35	498.39	-133.65	-1.960e+05	3.493e+04	-5.744e+04
8	40	-308.57	-7003.92	340.68	-133.65	-3.838e+05	4.426e+04	-6.499e+04
8	40	-257.14	-5845.64	-39.01	-146.48	-4.857e+05	3.703e+04	-4.214e+04
8	40	-205.71	-4206.01	-94.55	-26.20	-5.554e+05	3.611e+04	-2.791e+04
8	40	-154.29	-2182.41	-120.60	134.72	-6.579e+05	4.424e+04	-6600.21
8	40	-102.86	221.13	-440.70	521.07	-8.114e+05	7.174e+04	3.131e+04
8	40	-51.43	3102.83	-715.57	777.15	-1.010e+06	1.238e+05	6.679e+04
8	40	0.0	4353.34	-3751.83	-381.16	-9.748e+05	1.028e+05	7.171e+04
8	51	-360.00	-4685.31	-1199.35	545.66	-4.482e+04	-3.558e+04	-2.768e+04
8	51	-308.57	-5581.88	-1357.06	545.66	-2.326e+05	-2.534e+04	-5.863e+04
8	51	-257.14	-4258.74	-1453.65	383.94	-3.025e+05	-5437.69	-5.391e+04

8	51	-205.71	-2035.63	-1412.71	403.27	-3.773e+05	1.582e+04	-4.704e+04
8	51	-154.29	35.89	-1697.91	525.65	-4.504e+05	4.539e+04	-3.620e+04
8	51	-102.86	2368.44	-1593.79	764.42	-5.775e+05	8.385e+04	2365.52
8	51	-51.43	4953.54	-2064.66	1014.14	-7.673e+05	1.505e+05	5.816e+04
8	51	0.0	6392.86	-2026.41	-116.93	-7.048e+05	1.399e+05	9.071e+04
8	72	-360.00	-6107.35	498.39	-133.65	-1.960e+05	3.493e+04	-5.744e+04
8	72	-308.57	-7003.92	340.68	-133.65	-3.838e+05	4.426e+04	-6.499e+04
8	72	-257.14	-5845.64	-39.01	-146.48	-4.857e+05	3.703e+04	-4.214e+04
8	72	-205.71	-4206.01	-94.55	-26.20	-5.554e+05	3.611e+04	-2.791e+04
8	72	-154.29	-2182.41	-120.60	134.72	-6.579e+05	4.424e+04	-6600.21
8	72	-102.86	221.13	-440.70	521.07	-8.114e+05	7.174e+04	3.131e+04
8	72	-51.43	3102.83	-715.57	777.15	-1.010e+06	1.238e+05	6.679e+04
8	72	0.0	4353.34	-3751.83	-381.16	-9.748e+05	1.028e+05	7.171e+04
8	74	-360.00	-5214.21	-470.87	156.12	-1.118e+05	3682.81	-4.070e+04
8	74	-308.57	-6110.78	-628.58	156.12	-2.996e+05	1.340e+04	-5.732e+04
8	74	-257.14	-4884.45	-949.64	91.75	-3.789e+05	1.772e+04	-4.070e+04
8	74	-205.71	-3107.91	-970.58	173.59	-4.354e+05	2.651e+04	-2.605e+04
8	74	-154.29	-1113.17	-1052.39	320.69	-5.161e+05	4.295e+04	-4033.43
8	74	-102.86	1163.41	-1215.24	551.28	-6.481e+05	7.327e+04	2.815e+04
8	74	-51.43	3734.66	-1496.28	831.68	-8.373e+05	1.306e+05	6.510e+04
8	74	0.0	5071.22	-2669.37	-363.77	-7.850e+05	1.076e+05	7.709e+04
8	75	-360.00	-5214.21	-470.87	156.12	-1.118e+05	3682.81	-4.070e+04
8	75	-308.57	-6110.78	-628.58	156.12	-2.996e+05	1.340e+04	-5.732e+04
8	75	-257.14	-4884.45	-949.64	91.75	-3.789e+05	1.772e+04	-4.070e+04
8	75	-205.71	-3107.91	-970.58	173.59	-4.354e+05	2.651e+04	-2.605e+04
8	75	-154.29	-1113.17	-1052.39	320.69	-5.161e+05	4.295e+04	-4033.43
8	75	-102.86	1163.41	-1215.24	551.28	-6.481e+05	7.327e+04	2.815e+04
8	75	-51.43	3734.66	-1496.28	831.68	-8.373e+05	1.306e+05	6.510e+04
8	75	0.0	5071.22	-2669.37	-363.77	-7.850e+05	1.076e+05	7.709e+04
8	76	-360.00	-5214.21	-470.87	156.12	-1.118e+05	3682.81	-4.070e+04
8	76	-308.57	-6110.78	-628.58	156.12	-2.996e+05	1.340e+04	-5.732e+04
8	76	-257.14	-4884.45	-949.64	91.75	-3.789e+05	1.772e+04	-4.070e+04
8	76	-205.71	-3107.91	-970.58	173.59	-4.354e+05	2.651e+04	-2.605e+04
8	76	-154.29	-1113.17	-1052.39	320.69	-5.161e+05	4.295e+04	-4033.43
8	76	-102.86	1163.41	-1215.24	551.28	-6.481e+05	7.327e+04	2.815e+04
8	76	-51.43	3734.66	-1496.28	831.68	-8.373e+05	1.306e+05	6.510e+04
8	76	0.0	5071.22	-2669.37	-363.77	-7.850e+05	1.076e+05	7.709e+04

M_S

N memb.

V memb.

V orto

M memb.

M orto

T

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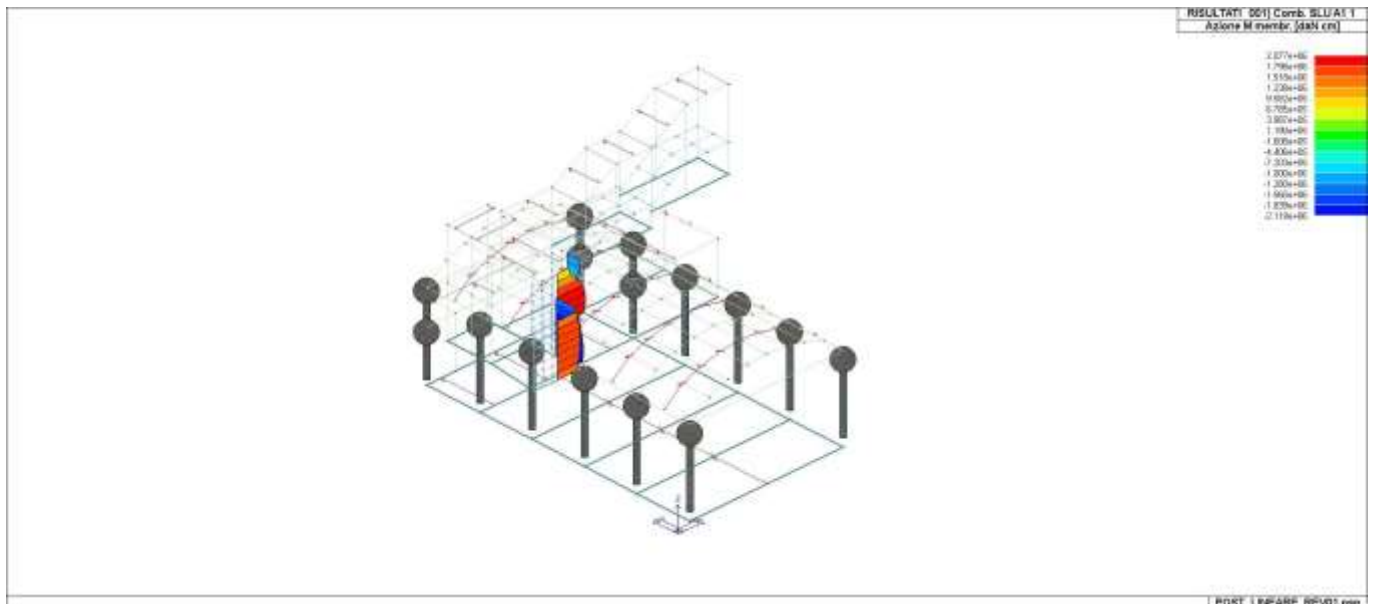
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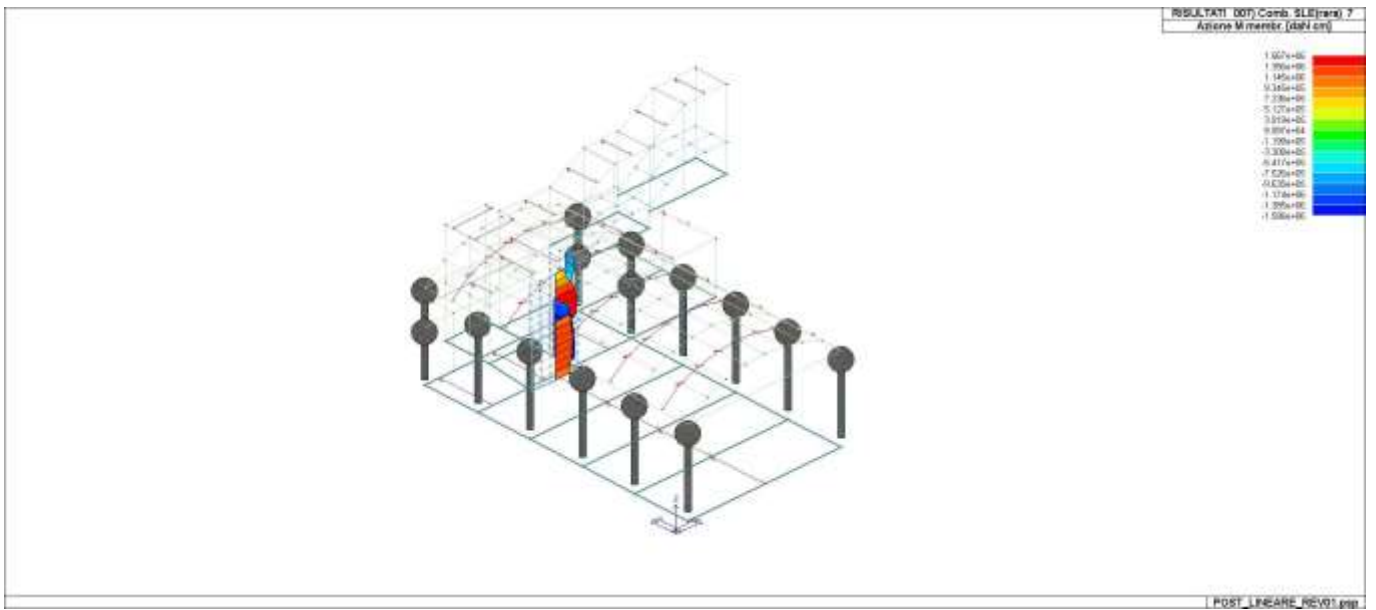
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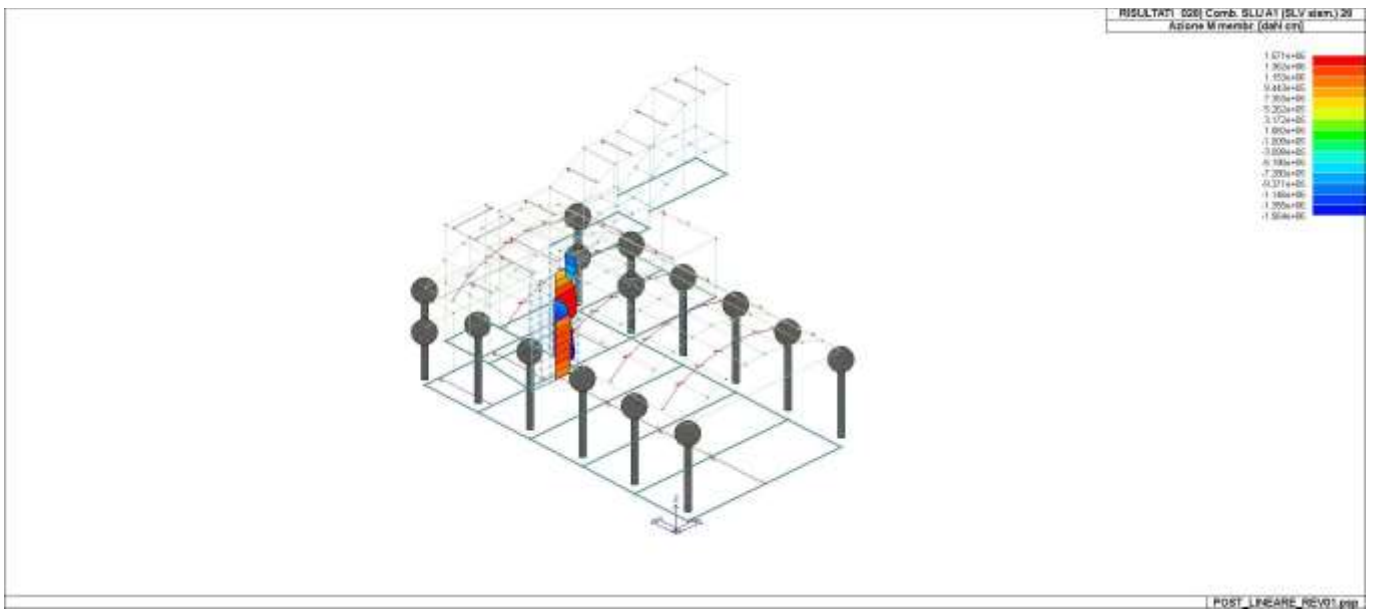
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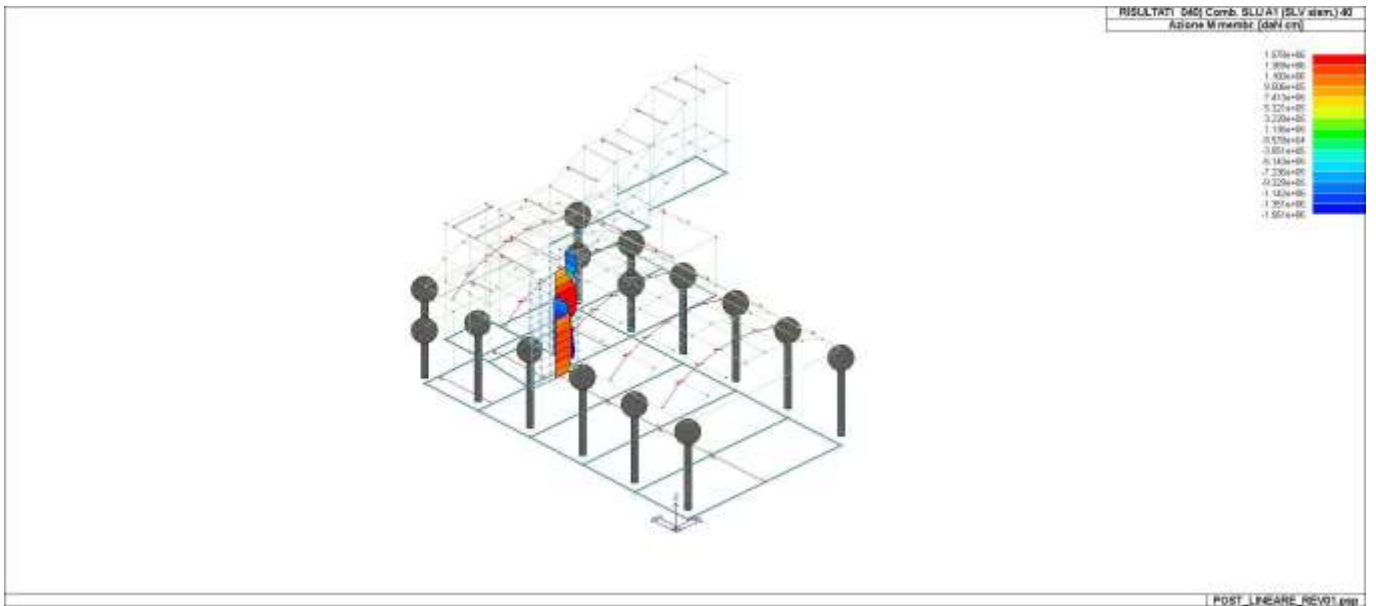




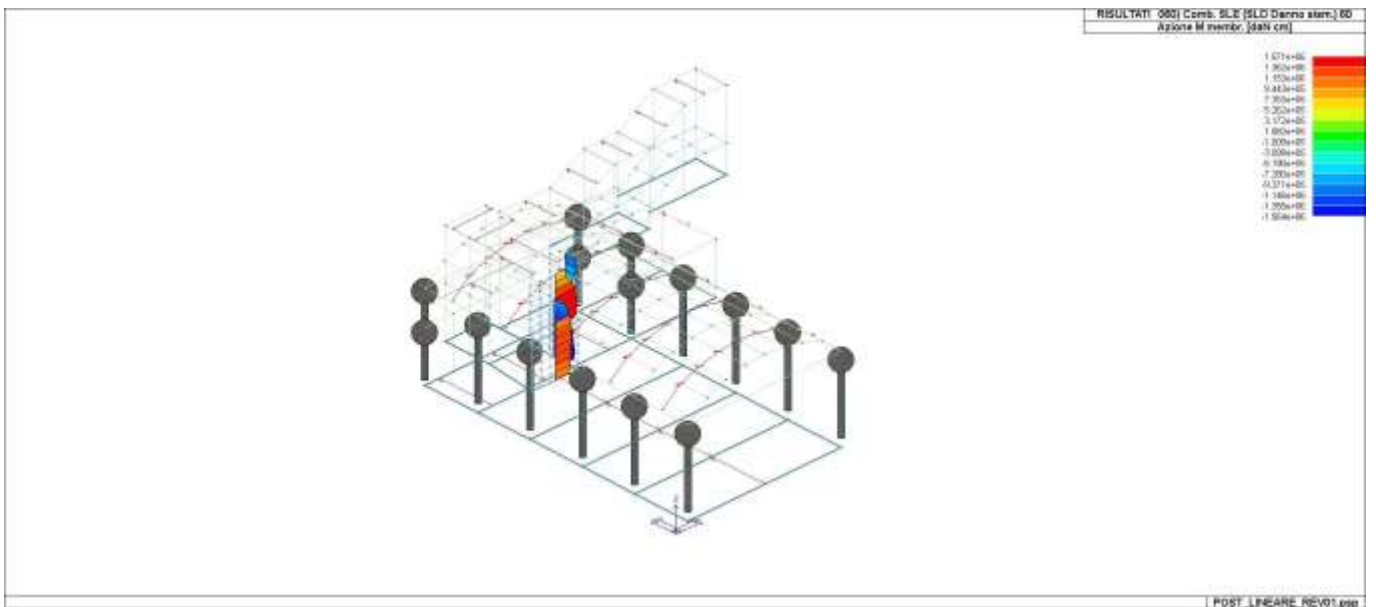
47_RIS_M_007_Comb. SLE(rara) 7



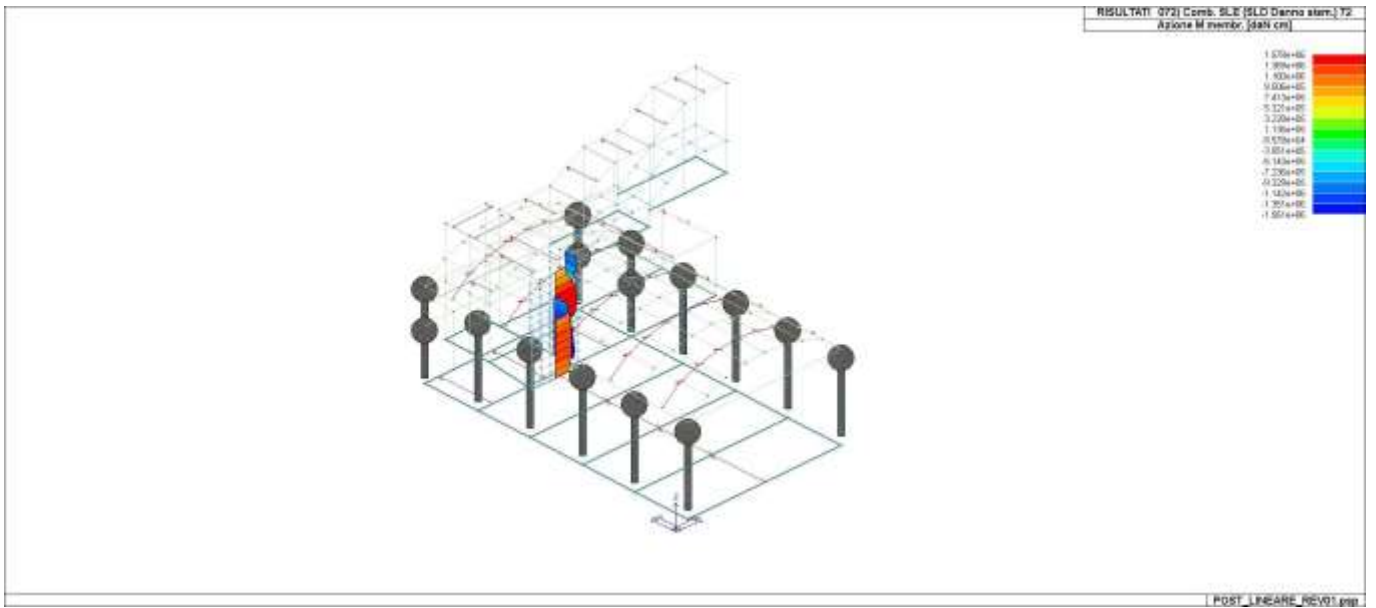
47_RIS_M_028_Comb. SLU A1 (SLV sism.) 28



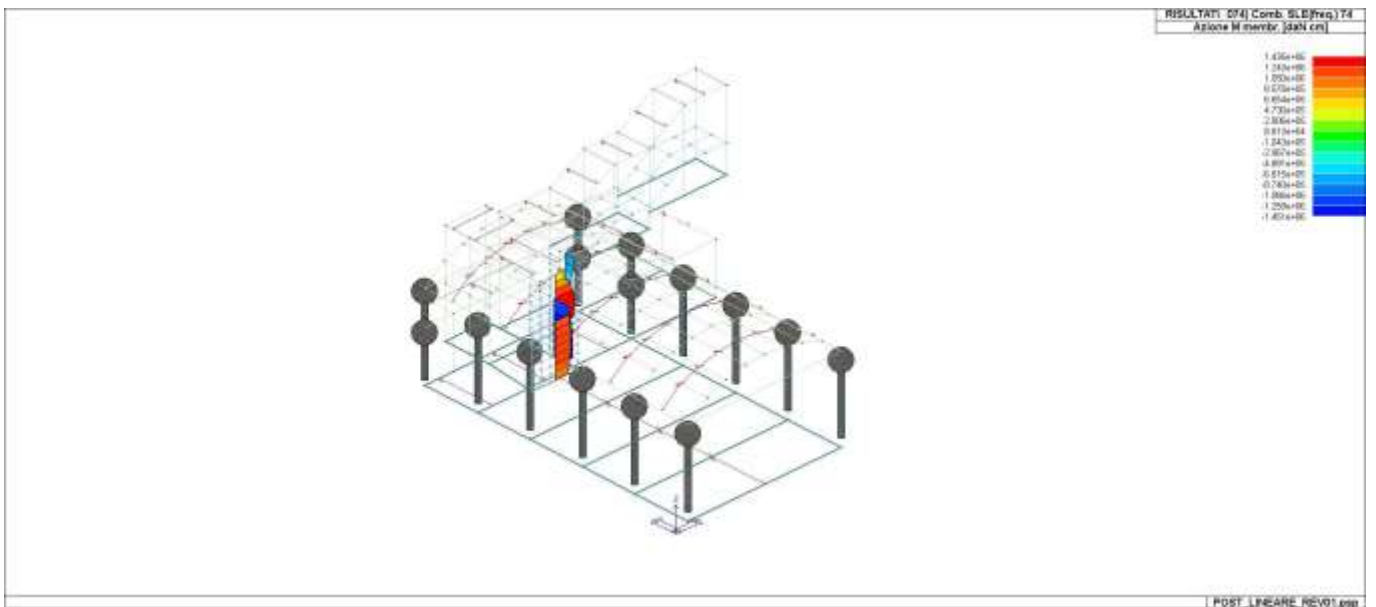
47_RIS_M_040_Comb. SLU A1 (SLV sism.) 40



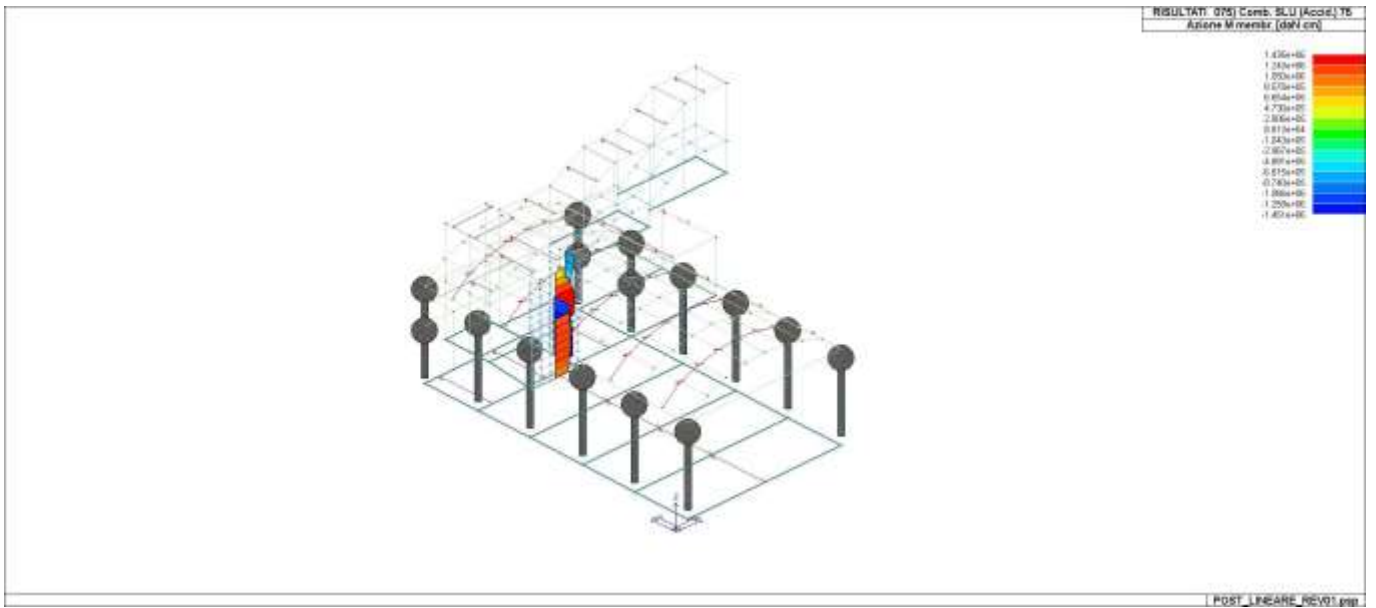
47_RIS_M_060_Comb. SLE (SLD Danno sism.) 60



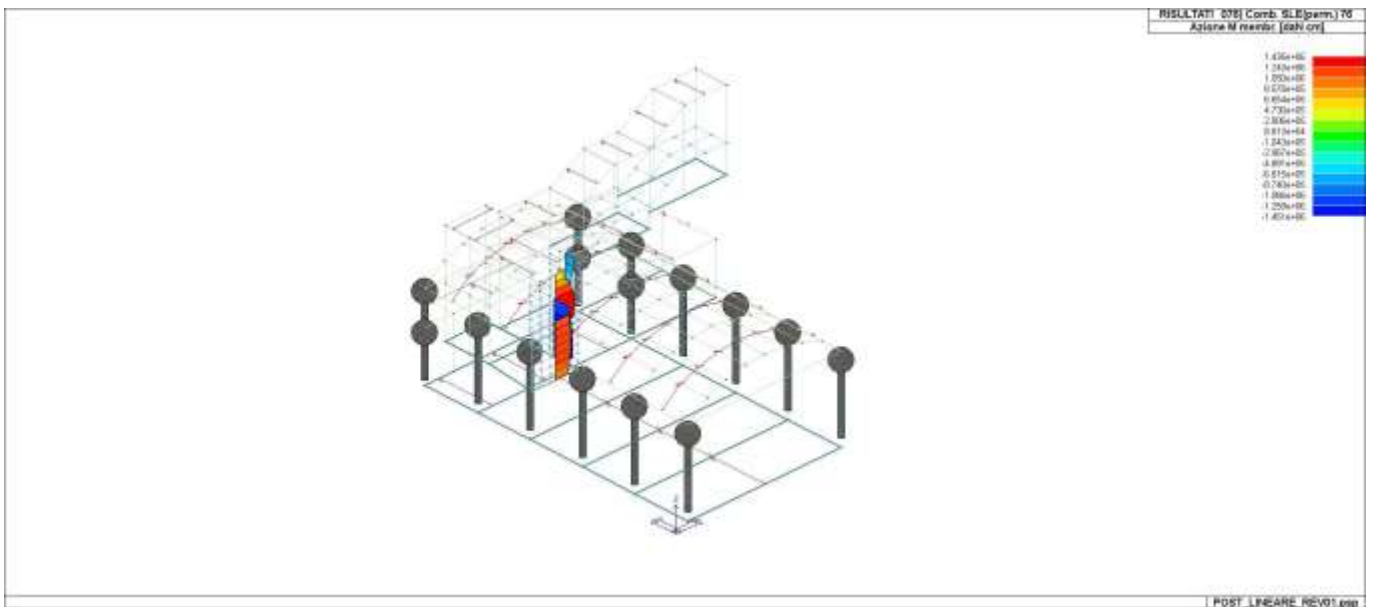
47_RIS_M_072_Comb. SLE (SLD Danno sism.) 72



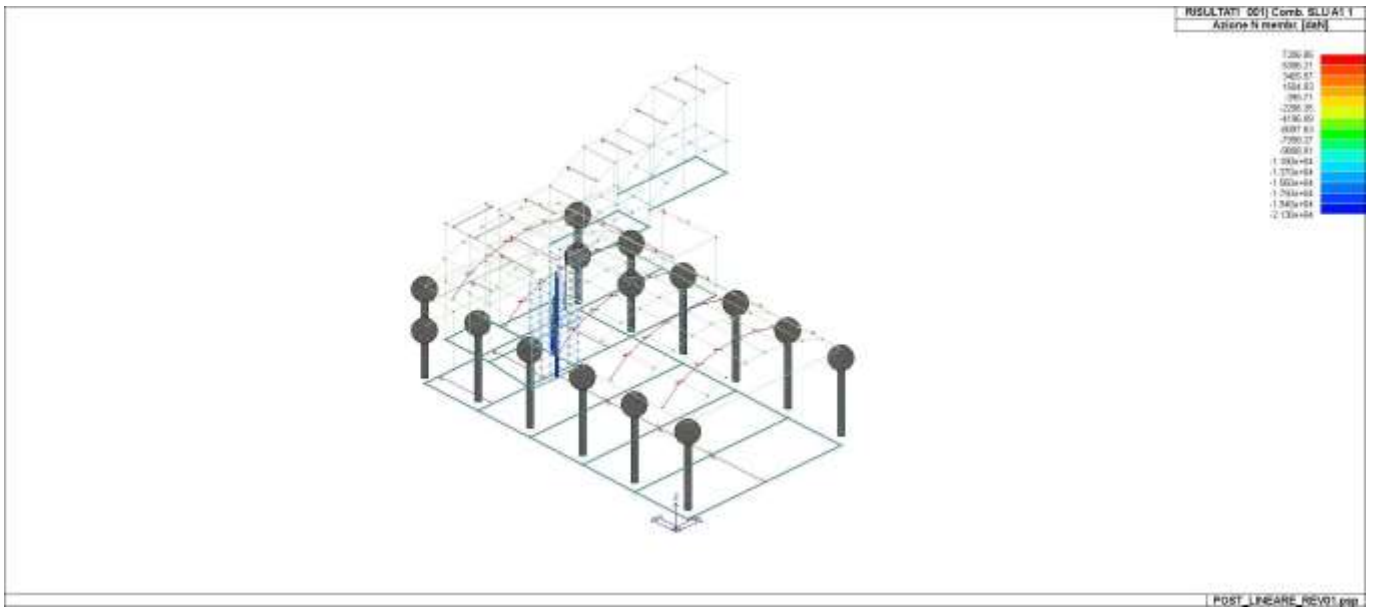
47_RIS_M_074_Comb. SLE(freq.) 74



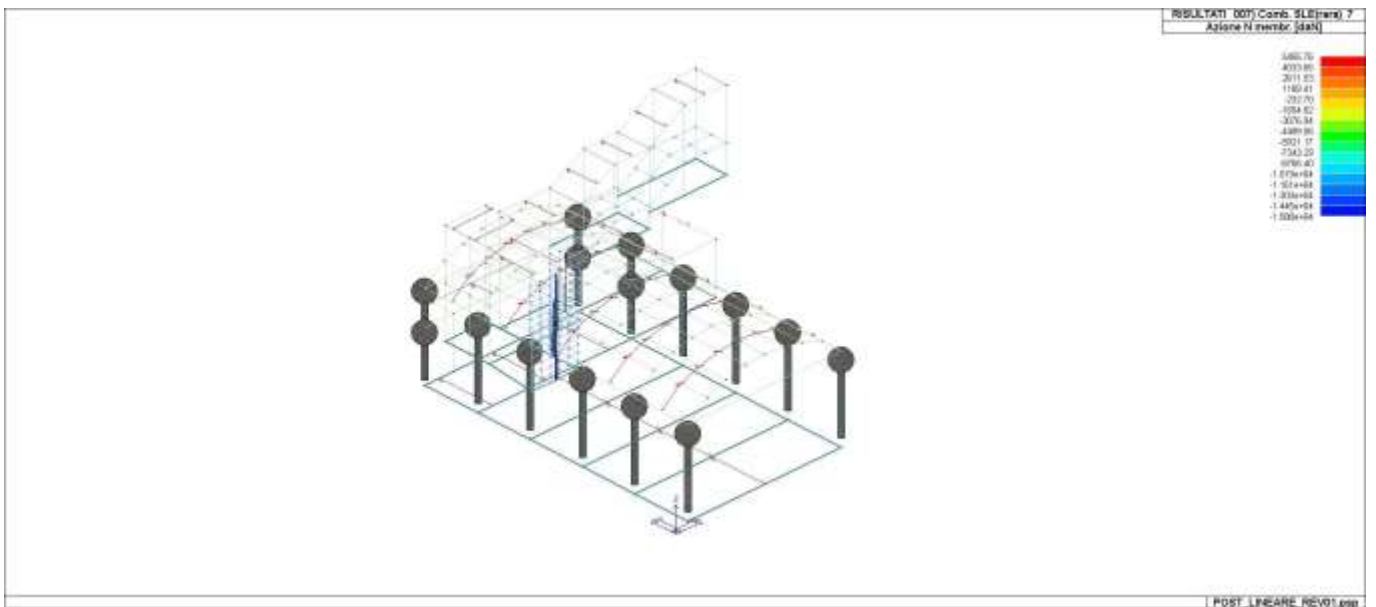
47_RIS_M_075_Comb. SLU (Accid.) 75



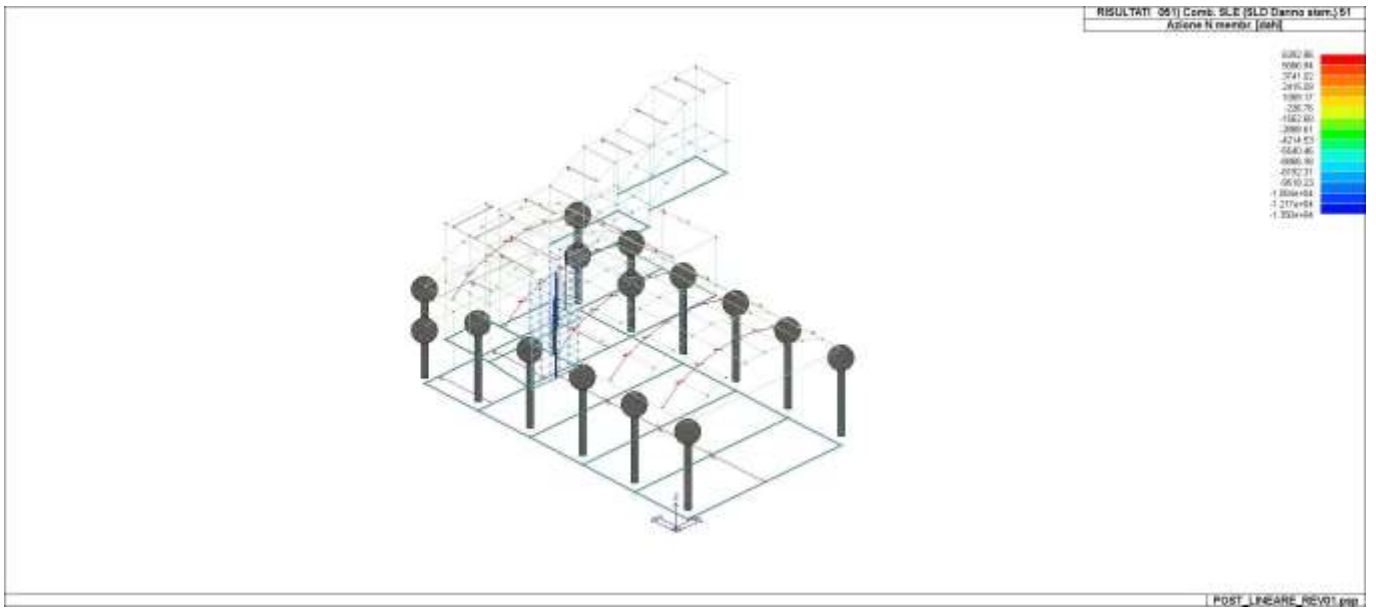
47_RIS_M_076_Comb. SLE(perm.) 76



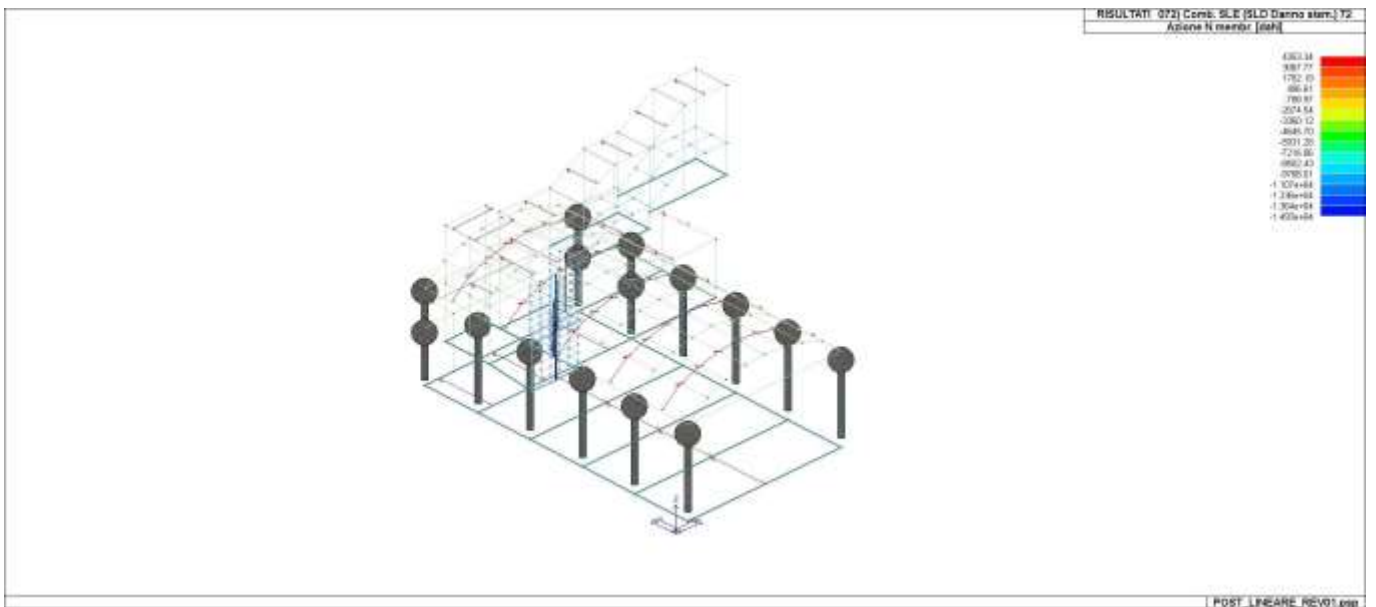
47_RIS_N_001_Comb. SLU A1 1



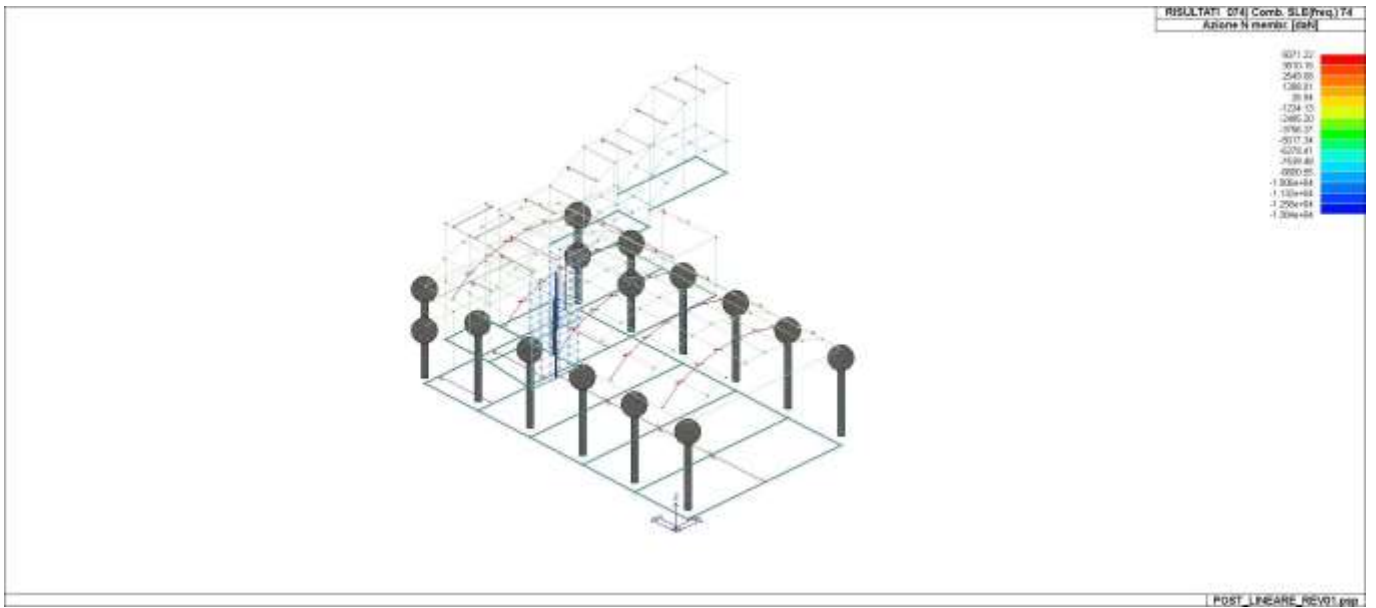
47_RIS_N_007_Comb. SLE(rara) 7



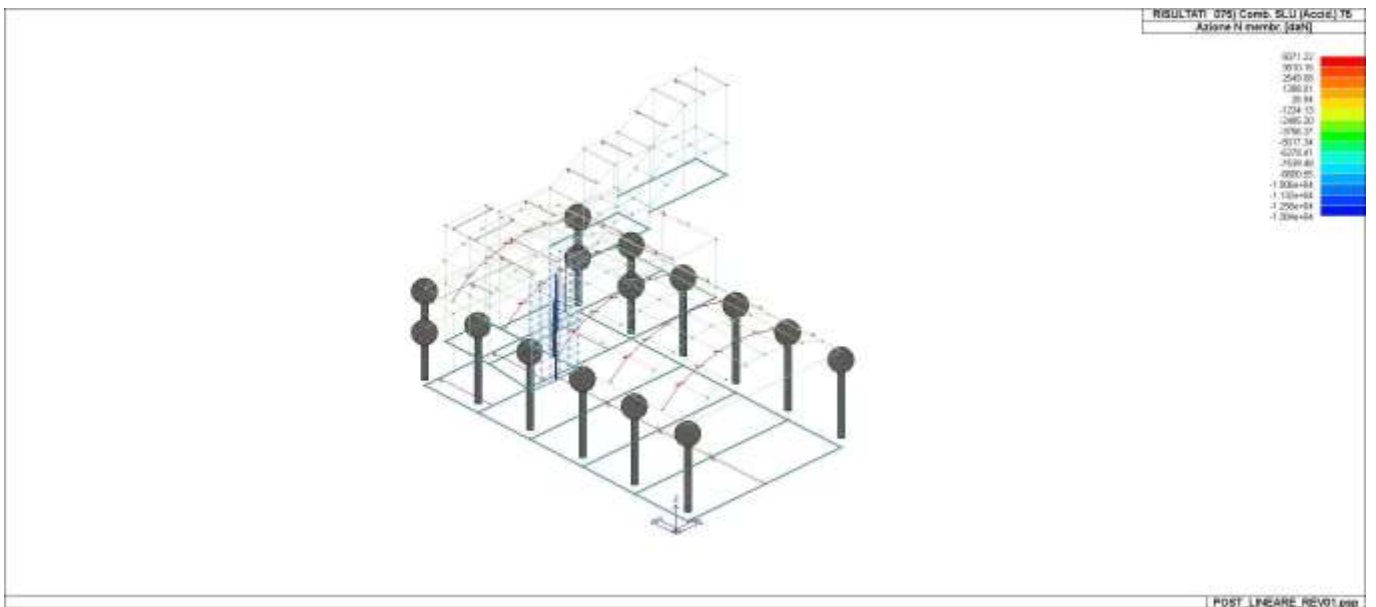
47_RIS_N_051_Comb. SLE (SLD Danno sism.) 51



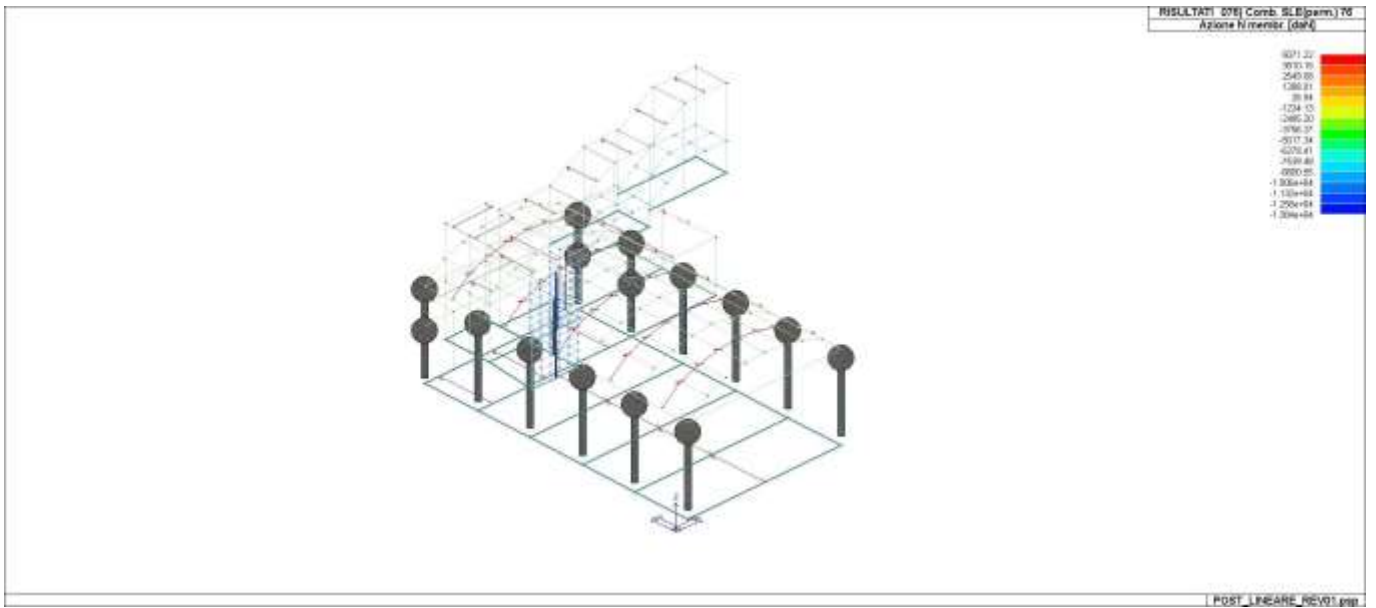
47_RIS_N_072_Comb. SLE (SLD Danno sism.) 72



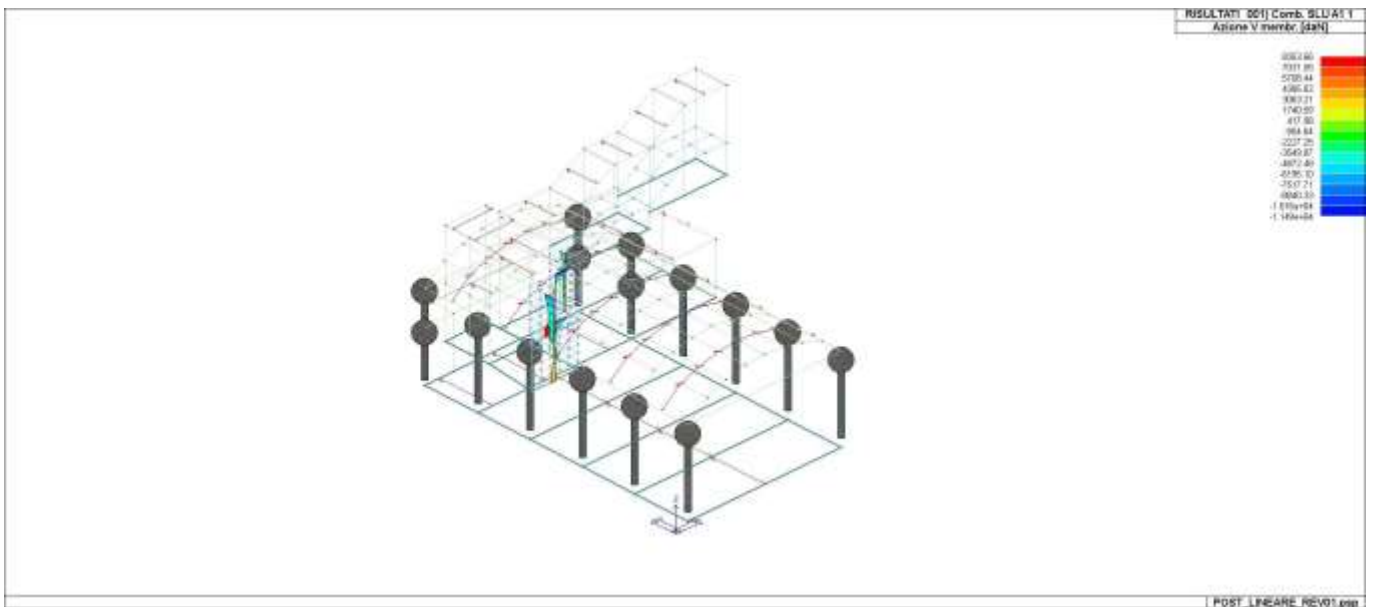
47_RIS_N_074_Comb. SLE(freq.) 74



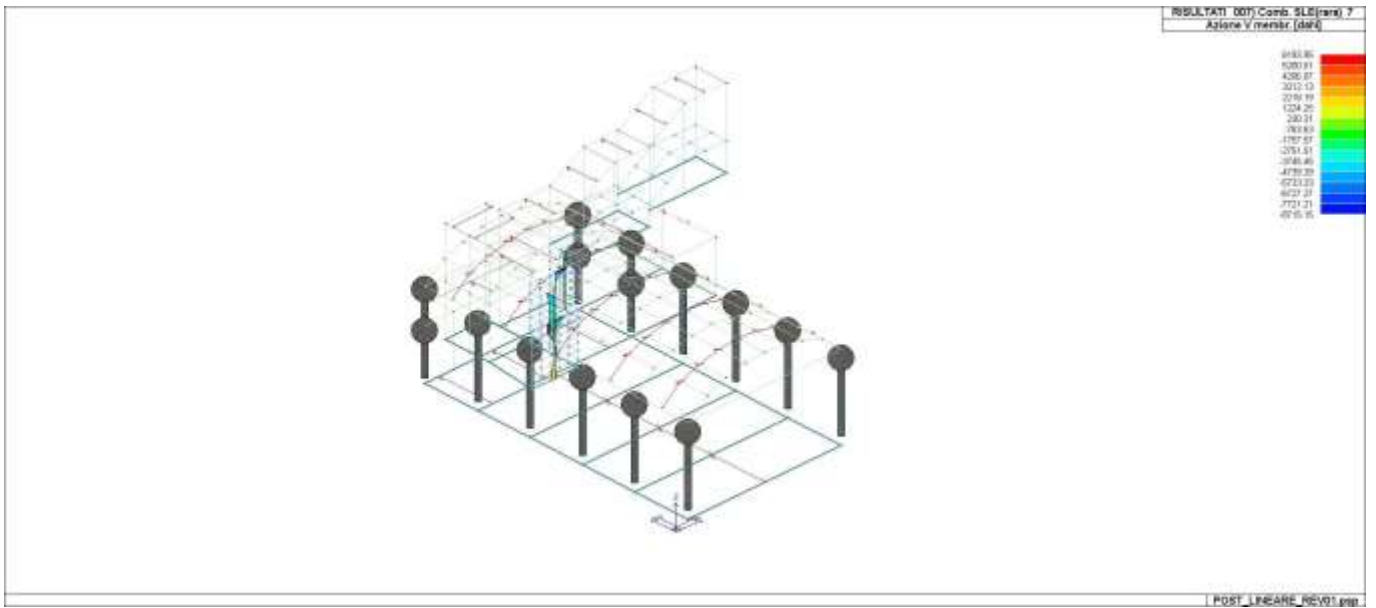
47_RIS_N_075_Comb. SLU (Accid.) 75



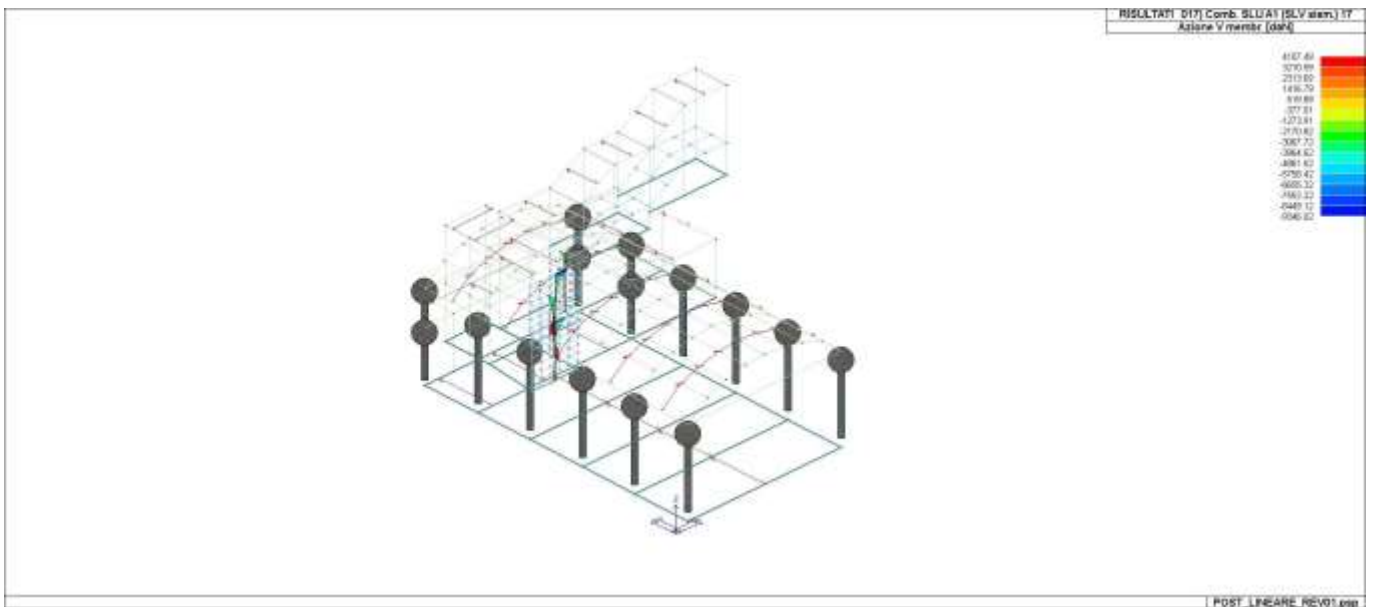
47_RIS_N_076_Comb. SLE(perm.) 76



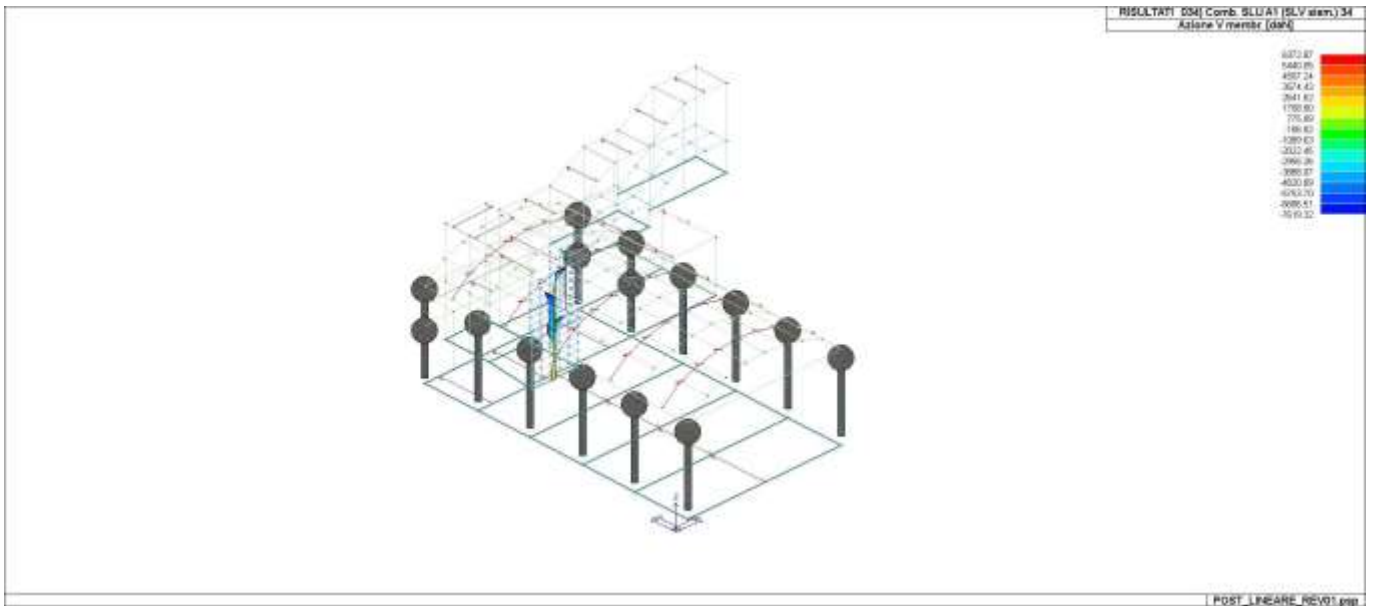
47_RIS_V_001_Comb. SLU A1 1



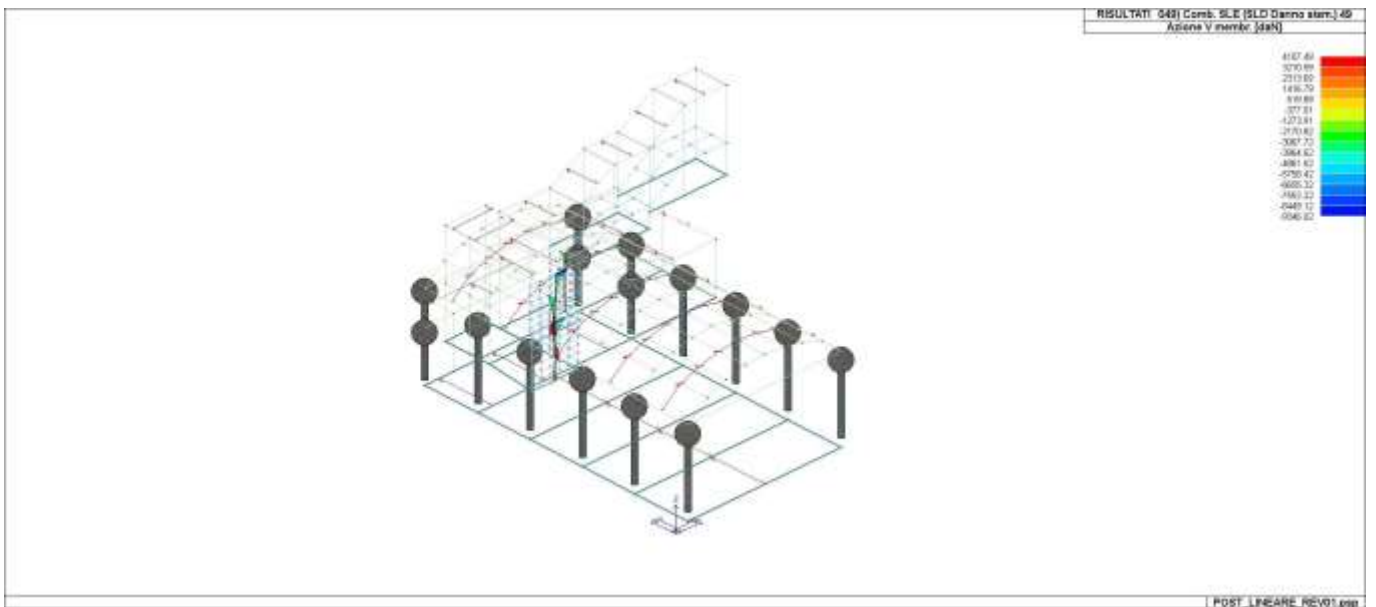
47_RIS_V_007_Comb. SLE(rara) 7



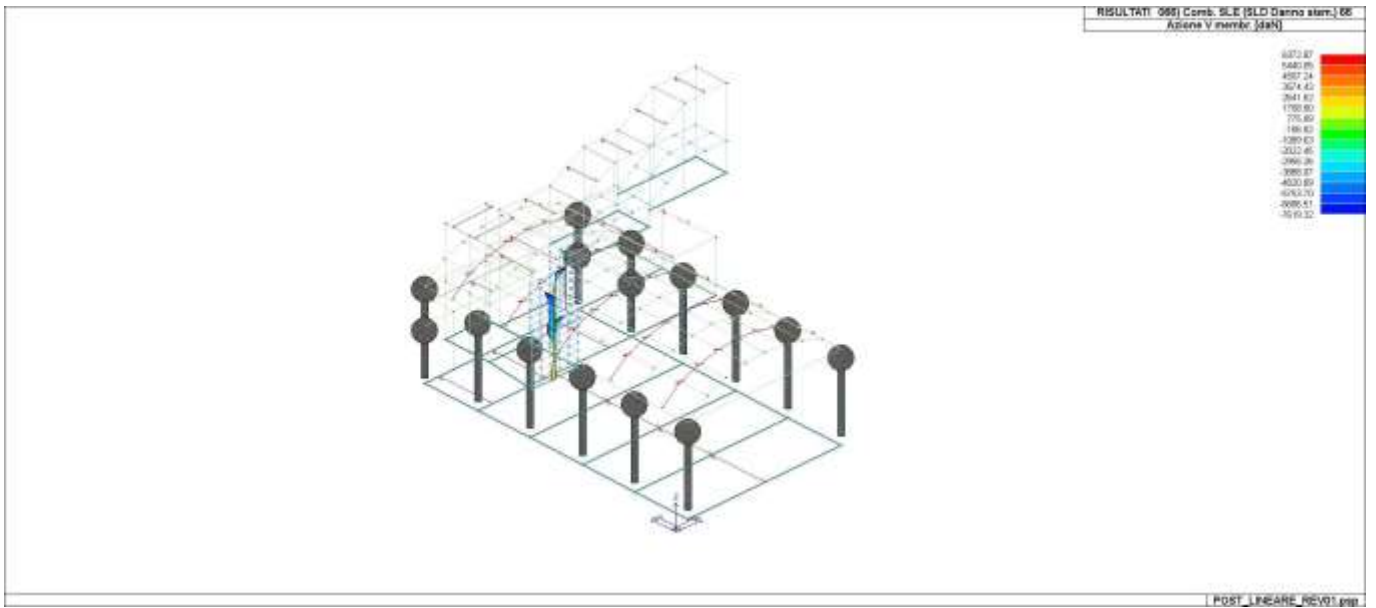
47_RIS_V_017_Comb. SLU A1 (SLV sim.) 17



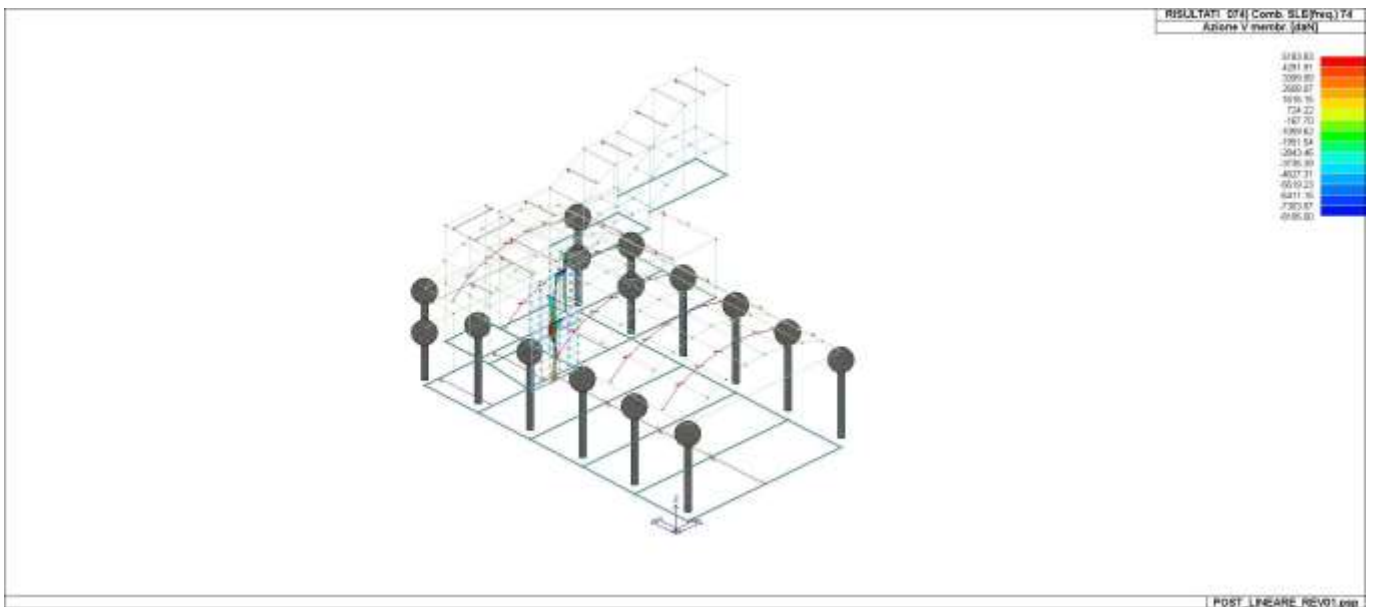
47_RIS_V_034_Comb. SLU A1 (SLV sism.) 34



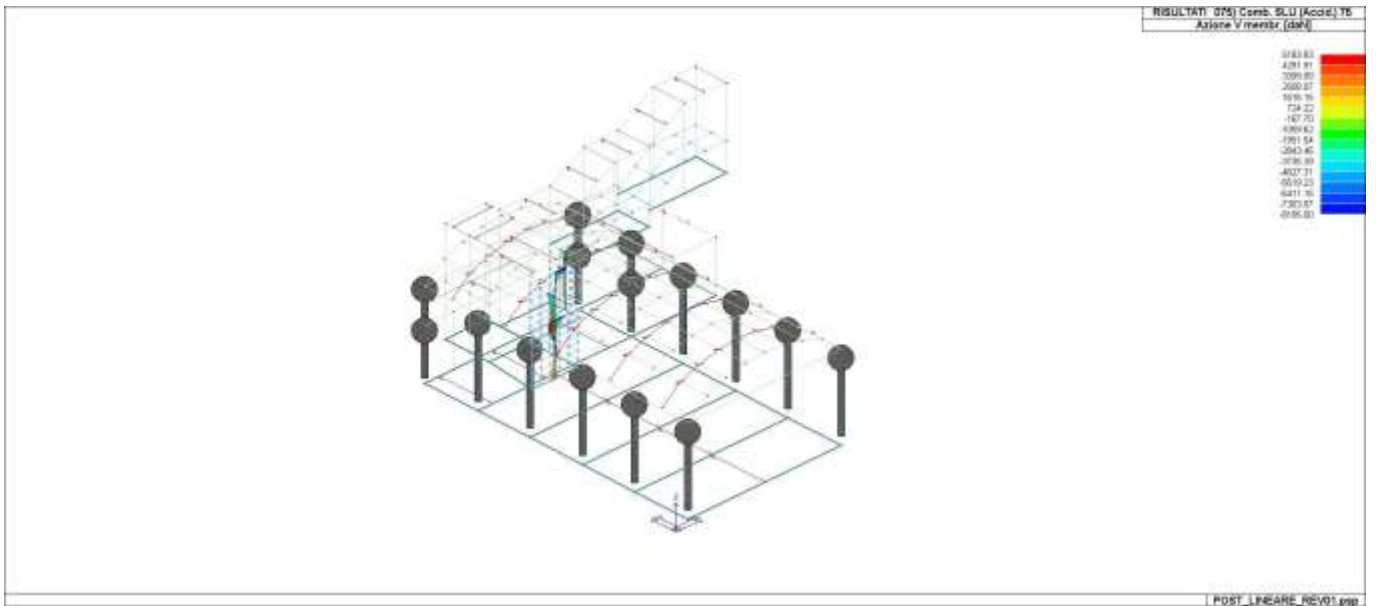
47_RIS_V_049_Comb. SLE (SLD Danno sism.) 49



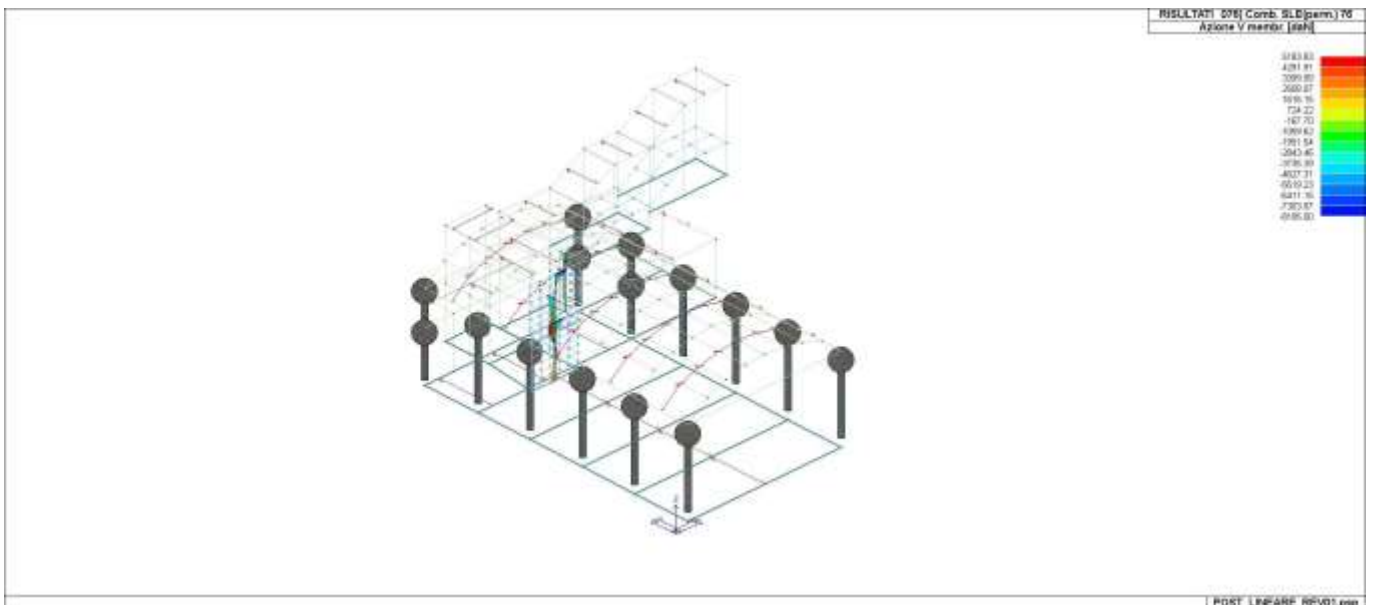
47_RIS_V_066_Comb. SLE (SLD Danno sism.) 66



47_RIS_V_074_Comb. SLE(freq.) 74



47_RIS_V_075_Comb. SLU (Accid.) 75



47_RIS_V_076_Comb. SLE(perm.) 76

Macro	Tipo	Angolo 1-X (gradi)
1	Guscio	0.0

M_G	Cmb	Nodo	N max daN/cm	N min daN/cm	N 1 daN/cm	N 2 daN/cm	N 1-2 daN/cm	M max daN	M min daN	M 1 daN	M 2 daN	M 1-2 daN
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1	1	26	41.87	-31.91	39.43	-29.47	-13.20	217.26	-33.68	92.91	90.67	125.47
1	1	28	15.77	2.62	12.20	6.19	-5.85	655.71	-45.87	573.94	35.90	-225.12
1	1	52	59.95	-38.08	59.87	-38.00	-2.73	848.27	108.33	821.39	135.21	-138.45
1	1	69	113.59	-9.20	111.13	-6.74	17.19	657.65	280.59	646.11	292.13	64.94
1	1	89	12.11	-23.07	5.23	-16.20	13.95	-37.82	-162.06	-108.81	-91.07	-61.49
1	1	90	29.15	4.23e-02	3.65	25.54	9.59	-177.19	-236.07	-236.01	-177.25	1.86
1	1	91	29.77	21.01	29.75	21.02	-0.34	-89.15	-454.19	-453.91	-89.43	-10.06
1	1	92	24.50	1.29	23.85	1.94	3.83	-10.48	-617.11	-613.20	-14.38	-48.49
1	1	93	-41.26	-54.64	-47.83	-48.08	6.69	-176.11	-409.71	-176.34	-409.49	-7.26
1	1	277	22.17	-30.90	18.87	-27.60	12.81	-152.26	-220.69	-152.33	-220.62	-2.14
1	1	285	4.26	-11.01	0.68	-7.44	6.46	18.99	-159.72	-126.02	-14.71	-69.90
1	7	26	30.15	-24.74	28.05	-22.64	-10.53	166.69	-24.22	74.32	68.15	95.41
1	7	28	10.94	2.07	8.37	4.64	-4.02	498.61	-32.09	438.78	27.75	-167.85
1	7	52	44.52	-29.14	44.47	-29.10	-1.81	635.17	84.28	617.14	102.30	-98.01
1	7	69	85.55	-7.01	83.74	-5.20	12.84	496.14	212.77	488.13	220.78	46.98
1	7	89	8.89	-17.49	3.76	-12.35	10.44	-26.94	-118.20	-77.08	-68.06	-45.41
1	7	90	21.79	-0.49	2.12	19.18	7.17	-133.64	-181.50	-181.38	-133.76	2.44
1	7	91	21.69	16.05	21.68	16.06	-0.25	-67.12	-344.33	-344.07	-67.38	-8.47
1	7	92	18.32	0.95	17.84	1.43	2.85	-7.20	-468.39	-465.65	-9.94	-35.45
1	7	93	-31.58	-41.55	-36.62	-36.52	4.99	-126.17	-308.13	-126.30	-308.00	-4.80
1	7	277	16.03	-23.58	13.64	-21.19	9.43	-110.88	-166.86	-110.90	-166.84	-0.99
1	7	285	3.26	-8.36	0.57	-5.67	4.90	16.08	-114.56	-89.24	-9.25	-51.65
1	19	26	27.45	-23.89	25.31	-21.75	-10.26	147.92	-77.35	19.55	51.02	111.53
1	19	28	30.92	1.62	28.24	4.31	-8.45	439.13	-77.60	371.51	-9.99	-174.27
1	19	52	44.48	-21.51	43.51	-20.54	-7.96	902.01	111.03	834.34	178.69	-221.23
1	19	69	90.80	-3.71	88.95	-1.86	13.09	543.08	197.02	527.51	212.59	71.74
1	19	89	9.34	-19.41	5.13	-15.20	10.16	-25.13	-113.22	-63.51	-74.84	-43.68
1	19	90	20.62	5.03	7.44	18.21	5.63	-186.21	-205.14	-204.93	-186.41	1.94
1	19	91	23.82	16.73	23.61	16.93	1.18	-93.79	-299.73	-299.72	-93.80	1.61
1	19	92	35.13	7.76	35.02	7.88	-1.76	-74.00	-435.13	-426.17	-82.96	-56.16
1	19	93	-21.86	-30.63	-23.18	-29.31	3.14	-80.66	-283.81	-89.14	-275.33	-40.63
1	19	277	19.51	-24.28	17.48	-22.25	9.20	-149.95	-180.54	-160.90	-169.59	14.67
1	19	285	3.98	-11.29	3.98	-11.29	4.48e-02	0.84	-105.90	-76.11	-28.95	-47.88
1	40	26	30.77	-22.50	29.38	-21.10	-8.51	154.92	-35.54	76.64	42.75	93.71
1	40	28	9.34	-22.97	-21.92	8.28	5.74	513.17	20.36	463.18	70.36	-148.79
1	40	52	43.11	-37.55	42.71	-37.15	5.68	563.65	-22.19	562.50	-21.05	25.90
1	40	69	66.55	-7.08	63.10	-3.63	15.57	470.89	265.54	460.03	276.40	45.97
1	40	89	9.50	-13.43	2.97	-6.89	10.35	-14.58	-67.17	-35.38	-46.38	-25.72
1	40	90	20.79	-7.02	-4.45	18.21	8.05	-111.02	-183.06	-179.54	-114.54	15.54
1	40	91	24.26	17.25	22.79	18.72	2.85	-63.87	-323.25	-323.10	-64.02	6.23
1	40	92	-0.39	-10.47	-4.99	-5.87	5.02	-15.00	-475.35	-474.64	-15.71	-18.04
1	40	93	-33.26	-47.68	-42.75	-38.19	6.84	-101.19	-290.73	-102.71	-289.21	-16.92
1	40	277	18.71	-19.45	16.90	-17.64	8.12	-92.94	-165.55	-93.28	-165.21	4.98
1	40	285	12.99	-8.92	0.33	3.75	10.82	44.29	-50.89	-39.87	33.28	-30.45
1	51	26	27.45	-23.89	25.31	-21.75	-10.26	147.92	-77.35	19.55	51.02	111.53
1	51	28	30.92	1.62	28.24	4.31	-8.45	439.13	-77.60	371.51	-9.99	-174.27
1	51	52	44.48	-21.51	43.51	-20.54	-7.96	902.01	111.03	834.34	178.69	-221.23
1	51	69	90.80	-3.71	88.95	-1.86	13.09	543.08	197.02	527.51	212.59	71.74
1	51	89	9.34	-19.41	5.13	-15.20	10.16	-25.13	-113.22	-63.51	-74.84	-43.68
1	51	90	20.62	5.03	7.44	18.21	5.63	-186.21	-205.14	-204.93	-186.41	1.94
1	51	91	23.82	16.73	23.61	16.93	1.18	-93.79	-299.73	-299.72	-93.80	1.61
1	51	92	35.13	7.76	35.02	7.88	-1.76	-74.00	-435.13	-426.17	-82.96	-56.16
1	51	93	-21.86	-30.63	-23.18	-29.31	3.14	-80.66	-283.81	-89.14	-275.33	-40.63
1	51	277	19.51	-24.28	17.48	-22.25	9.20	-149.95	-180.54	-160.90	-169.59	14.67
1	51	285	3.98	-11.29	3.98	-11.29	4.48e-02	0.84	-105.90	-76.11	-28.95	-47.88
1	72	26	30.77	-22.50	29.38	-21.10	-8.51	154.92	-35.54	76.64	42.75	93.71
1	72	28	9.34	-22.97	-21.92	8.28	5.74	513.17	20.36	463.18	70.36	-148.79
1	72	52	43.11	-37.55	42.71	-37.15	5.68	563.65	-22.19	562.50	-21.05	25.90
1	72	69	66.55	-7.08	63.10	-3.63	15.57	470.89	265.54	460.03	276.40	45.97
1	72	89	9.50	-13.43	2.97	-6.89	10.35	-14.58	-67.17	-35.38	-46.38	-25.72
1	72	90	20.79	-7.02	-4.45	18.21	8.05	-111.02	-183.06	-179.54	-114.54	15.54
1	72	91	24.26	17.25	22.79	18.72	2.85	-63.87	-323.25	-323.10	-64.02	6.23
1	72	92	-0.39	-10.47	-4.99	-5.87	5.02	-15.00	-475.35	-474.64	-15.71	-18.04
1	72	93	-33.26	-47.68	-42.75	-38.19	6.84	-101.19	-290.73	-102.71	-289.21	-16.92
1	72	277	18.71	-19.45	16.90	-17.64	8.12	-92.94	-165.55	-93.28	-165.21	4.98
1	72	285	12.99	-8.92	0.33	3.75	10.82	44.29	-50.89	-39.87	33.28	-30.45
1	74	26	21.37	-25.87	17.95	-22.45	-12.24	165.26	-17.49	86.44	61.33	90.51
1	74	28	6.01	2.08	3.99	4.11	-1.97	474.13	-19.05	426.93	28.14	-145.08
1	74	52	37.43	-28.72	37.42	-28.71	-0.51	562.92	85.43	554.78	93.57	-61.80
1	74	69	77.93	-6.72	76.42	-5.21	11.19	455.12	199.79	450.41	204.51	34.39
1	74	89	7.13	-16.35	2.63	-11.86	9.24	-16.23	-91.74	-48.54	-59.43	-37.36
1	74	90	19.14	-2.87	-0.86	17.14	6.33	-121.94	-181.28	-180.51	-122.70	6.70
1	74	91	16.35	15.54	16.29	15.59	-0.20	-60.52	-322.70	-322.20	-61.02	-11.45
1	74	92	16.14	0.77	15.74	1.16	2.43	-3.51	-441.42	-439.66	-5.26	-27.68
1	74	93	-30.89	-39.60	-35.92	-34.56	4.30	-86.38	-277.92	-86.40	-277.91	-1.63
1	74	277	11.66	-22.70	9.87	-20.91	7.63	-83.67	-154.18	-83.71	-154.13	1.83
1	74	285	3.24	-7.89	0.80	-5.44	4.61	22.62	-79.14	-56.16	-0.36	-42.54

1	75	26	21.37	-25.87	17.95	-22.45	-12.24	165.26	-17.49	86.44	61.33	90.51
1	75	28	6.01	2.08	3.99	4.11	-1.97	474.13	-19.05	426.93	28.14	-145.08
1	75	52	37.43	-28.72	37.42	-28.71	-0.51	562.92	85.43	554.78	93.57	-61.80
1	75	69	77.93	-6.72	76.42	-5.21	11.19	455.12	199.79	450.41	204.51	34.39
1	75	89	7.13	-16.35	2.63	-11.86	9.24	-16.23	-91.74	-48.54	-59.43	-37.36
1	75	90	19.14	-2.87	-0.86	17.14	6.33	-121.94	-181.28	-180.51	-122.70	6.70
1	75	91	16.35	15.54	16.29	15.59	-0.20	-60.52	-322.70	-322.20	-61.02	-11.45
1	75	92	16.14	0.77	15.74	1.16	2.43	-3.51	-441.42	-439.66	-5.26	-27.68
1	75	93	-30.89	-39.60	-35.92	-34.56	4.30	-86.38	-277.92	-86.40	-277.91	-1.63
1	75	277	11.66	-22.70	9.87	-20.91	7.63	-83.67	-154.18	-83.71	-154.13	1.83
1	75	285	3.24	-7.89	0.80	-5.44	4.61	22.62	-79.14	-56.16	-0.36	-42.54
1	76	26	21.37	-25.87	17.95	-22.45	-12.24	165.26	-17.49	86.44	61.33	90.51
1	76	28	6.01	2.08	3.99	4.11	-1.97	474.13	-19.05	426.93	28.14	-145.08
1	76	52	37.43	-28.72	37.42	-28.71	-0.51	562.92	85.43	554.78	93.57	-61.80
1	76	69	77.93	-6.72	76.42	-5.21	11.19	455.12	199.79	450.41	204.51	34.39
1	76	89	7.13	-16.35	2.63	-11.86	9.24	-16.23	-91.74	-48.54	-59.43	-37.36
1	76	90	19.14	-2.87	-0.86	17.14	6.33	-121.94	-181.28	-180.51	-122.70	6.70
1	76	91	16.35	15.54	16.29	15.59	-0.20	-60.52	-322.70	-322.20	-61.02	-11.45
1	76	92	16.14	0.77	15.74	1.16	2.43	-3.51	-441.42	-439.66	-5.26	-27.68
1	76	93	-30.89	-39.60	-35.92	-34.56	4.30	-86.38	-277.92	-86.40	-277.91	-1.63
1	76	277	11.66	-22.70	9.87	-20.91	7.63	-83.67	-154.18	-83.71	-154.13	1.83
1	76	285	3.24	-7.89	0.80	-5.44	4.61	22.62	-79.14	-56.16	-0.36	-42.54

M_G	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		-54.64	-47.83	-48.08	-13.20		-617.11	-613.20	-409.49	-225.12
	113.59		111.13	25.54	17.19	902.01		834.34	292.13	125.47

Macro	Tipo	Angolo 1-X (gradi)
2	Guscio	0.0

M_G	Cmb	Nodo	N max daN/cm	N min daN/cm	N 1 daN/cm	N 2 daN/cm	N 1-2 daN/cm	M max daN	M min daN	M 1 daN	M 2 daN	M 1-2 daN
2	1	52	39.84	-44.80	36.93	-41.89	-15.41	111.18	-561.42	-392.75	-57.49	-291.55
2	1	69	94.41	-11.80	94.40	-11.78	-1.20	388.47	27.26	166.70	249.03	175.85
2	1	87	21.90	-10.71	5.01	6.17	16.30	644.58	221.19	643.42	222.36	22.18
2	1	88	13.56	-41.81	-41.73	13.48	-2.12	996.13	224.97	996.12	224.98	-2.94
2	1	93	-37.77	-55.59	-40.05	-53.31	5.95	44.25	-306.46	43.41	-305.63	17.12
2	1	94	11.46	3.02	5.24	9.24	-3.72	-78.31	-209.89	-167.17	-121.04	61.61
2	1	95	20.27	-14.99	-1.66	6.94	17.10	104.01	-367.47	-304.13	40.67	160.78
2	1	96	45.85	2.54e-02	40.25	5.62	-15.00	-17.49	-316.51	-313.41	-20.59	30.28
2	1	97	48.18	25.87	41.83	32.23	-10.07	421.46	-146.50	420.50	-145.54	23.26
2	7	52	30.08	-33.94	27.93	-31.79	-11.53	87.29	-403.53	-275.44	-40.80	-215.55
2	7	69	71.33	-9.00	71.32	-8.99	-0.95	296.28	28.34	135.33	189.30	131.22
2	7	87	15.37	-8.52	2.24	4.62	11.89	486.45	168.61	485.79	169.27	14.44
2	7	88	10.33	-32.51	-32.46	10.27	-1.48	747.57	170.92	747.57	170.92	-0.27
2	7	93	-29.18	-42.16	-30.89	-40.46	4.39	35.90	-232.15	35.23	-231.48	13.35
2	7	94	8.52	1.98	3.71	6.79	-2.89	-61.98	-159.87	-128.56	-93.29	45.66
2	7	95	15.32	-11.61	-1.54	5.26	13.03	76.11	-280.29	-235.20	31.03	118.47
2	7	96	34.29	-0.12	29.94	4.23	-11.43	-12.74	-244.37	-242.04	-15.06	23.09
2	7	97	36.88	20.11	32.20	24.79	-7.52	317.18	-114.11	316.50	-113.43	17.12
2	10	52	17.14	-45.23	9.88	-37.97	-19.99	6.04	-764.48	-604.42	-154.01	-312.58
2	10	69	74.34	-9.82	74.33	-9.82	-0.66	246.30	-46.69	25.23	174.38	126.09
2	10	87	2.96	-14.86	-13.65	1.75	4.48	644.75	210.40	620.68	234.46	99.37
2	10	88	9.59	-45.99	-45.93	9.53	1.81	975.28	182.49	973.66	184.11	-35.85
2	10	93	-29.41	-39.14	-29.56	-38.98	1.22	27.44	-221.97	27.24	-221.78	-6.96
2	10	94	7.72	-0.59	3.43	3.70	-4.15	-55.69	-201.14	-156.25	-100.58	67.19
2	10	95	5.83	-21.55	-16.79	1.07	10.38	123.69	-389.03	-304.07	38.73	190.64
2	10	96	30.83	-4.35	25.76	0.72	-12.35	-33.60	-237.97	-236.61	-34.95	-16.59
2	10	97	37.95	21.24	33.69	25.50	-7.28	249.13	-122.93	249.03	-122.84	5.86
2	14	52	15.57	-44.74	8.43	-37.59	-19.49	-3.18	-759.37	-604.61	-157.94	-305.08
2	14	69	74.08	-9.66	74.07	-9.66	-0.39	244.32	-66.59	5.32	172.41	131.10
2	14	87	2.73	-14.94	-13.81	1.61	4.31	668.65	214.79	645.46	237.98	99.94
2	14	88	9.54	-46.97	-46.89	9.47	2.05	978.94	186.37	976.80	188.50	-41.09
2	14	93	-28.96	-38.77	-29.08	-38.65	1.06	27.43	-221.41	26.95	-220.93	-10.93
2	14	94	7.72	-0.49	3.74	3.50	-4.10	-55.76	-201.55	-156.60	-100.71	67.33
2	14	95	5.44	-22.87	-18.04	0.61	10.64	128.56	-389.14	-298.41	37.83	196.82
2	14	96	30.59	-4.46	25.57	0.56	-12.28	-29.85	-236.95	-234.65	-32.15	-21.71
2	14	97	38.08	21.41	33.96	25.53	-7.20	246.82	-123.83	246.52	-123.53	10.45
2	42	52	17.14	-45.23	9.88	-37.97	-19.99	6.04	-764.48	-604.42	-154.01	-312.58
2	42	69	74.34	-9.82	74.33	-9.82	-0.66	246.30	-46.69	25.23	174.38	126.09

2	42	87	2.96	-14.86	-13.65	1.75	4.48	644.75	210.40	620.68	234.46	99.37
2	42	88	9.59	-45.99	-45.93	9.53	1.81	975.28	182.49	973.66	184.11	-35.85
2	42	93	-29.41	-39.14	-29.56	-38.98	1.22	27.44	-221.97	27.24	-221.78	-6.96
2	42	94	7.72	-0.59	3.43	3.70	-4.15	-55.69	-201.14	-156.25	-100.58	67.19
2	42	95	5.83	-21.55	-16.79	1.07	10.38	123.69	-389.03	-304.07	38.73	190.64
2	42	96	30.83	-4.35	25.76	0.72	-12.35	-33.60	-237.97	-236.61	-34.95	-16.59
2	42	97	37.95	21.24	33.69	25.50	-7.28	249.13	-122.93	249.03	-122.84	5.86
2	46	52	15.57	-44.74	8.43	-37.59	-19.49	-3.18	-759.37	-604.61	-157.94	-305.08
2	46	69	74.08	-9.66	74.07	-9.66	-0.39	244.32	-66.59	5.32	172.41	131.10
2	46	87	2.73	-14.94	-13.81	1.61	4.31	668.65	214.79	645.46	237.98	99.94
2	46	88	9.54	-46.97	-46.89	9.47	2.05	978.94	186.37	976.80	188.50	-41.09
2	46	93	-28.96	-38.77	-29.08	-38.65	1.06	27.43	-221.41	26.95	-220.93	-10.93
2	46	94	7.72	-0.49	3.74	3.50	-4.10	-55.76	-201.55	-156.60	-100.71	67.33
2	46	95	5.44	-22.87	-18.04	0.61	10.64	128.56	-389.14	-298.41	37.83	196.82
2	46	96	30.59	-4.46	25.57	0.56	-12.28	-29.85	-236.95	-234.65	-32.15	-21.71
2	46	97	38.08	21.41	33.96	25.53	-7.20	246.82	-123.83	246.52	-123.53	10.45
2	74	52	27.35	-31.99	25.52	-30.15	-10.27	96.23	-285.91	-161.98	-27.70	-178.88
2	74	69	65.90	-8.66	65.88	-8.65	-1.09	286.66	58.39	165.06	179.99	113.90
2	74	87	9.54	-10.51	-4.91	3.94	9.00	447.73	162.34	447.69	162.39	3.69
2	74	88	9.98	-34.21	-34.20	9.97	-0.79	667.91	161.13	667.78	161.26	8.00
2	74	93	-29.75	-39.64	-31.25	-38.14	3.55	44.07	-216.47	43.31	-215.71	14.02
2	74	94	7.28	0.36	2.26	5.38	-3.09	-69.71	-153.06	-128.54	-94.23	37.98
2	74	95	14.13	-12.06	-2.86	4.93	12.50	61.03	-271.51	-240.81	30.33	96.27
2	74	96	30.19	-0.73	25.62	3.84	-10.97	-9.98	-248.43	-246.42	-11.99	21.79
2	74	97	36.22	20.93	32.39	24.76	-6.63	286.28	-120.54	285.82	-120.08	13.68
2	75	52	27.35	-31.99	25.52	-30.15	-10.27	96.23	-285.91	-161.98	-27.70	-178.88
2	75	69	65.90	-8.66	65.88	-8.65	-1.09	286.66	58.39	165.06	179.99	113.90
2	75	87	9.54	-10.51	-4.91	3.94	9.00	447.73	162.34	447.69	162.39	3.69
2	75	88	9.98	-34.21	-34.20	9.97	-0.79	667.91	161.13	667.78	161.26	8.00
2	75	93	-29.75	-39.64	-31.25	-38.14	3.55	44.07	-216.47	43.31	-215.71	14.02
2	75	94	7.28	0.36	2.26	5.38	-3.09	-69.71	-153.06	-128.54	-94.23	37.98
2	75	95	14.13	-12.06	-2.86	4.93	12.50	61.03	-271.51	-240.81	30.33	96.27
2	75	96	30.19	-0.73	25.62	3.84	-10.97	-9.98	-248.43	-246.42	-11.99	21.79
2	75	97	36.22	20.93	32.39	24.76	-6.63	286.28	-120.54	285.82	-120.08	13.68
2	76	52	27.35	-31.99	25.52	-30.15	-10.27	96.23	-285.91	-161.98	-27.70	-178.88
2	76	69	65.90	-8.66	65.88	-8.65	-1.09	286.66	58.39	165.06	179.99	113.90
2	76	87	9.54	-10.51	-4.91	3.94	9.00	447.73	162.34	447.69	162.39	3.69
2	76	88	9.98	-34.21	-34.20	9.97	-0.79	667.91	161.13	667.78	161.26	8.00
2	76	93	-29.75	-39.64	-31.25	-38.14	3.55	44.07	-216.47	43.31	-215.71	14.02
2	76	94	7.28	0.36	2.26	5.38	-3.09	-69.71	-153.06	-128.54	-94.23	37.98
2	76	95	14.13	-12.06	-2.86	4.93	12.50	61.03	-271.51	-240.81	30.33	96.27
2	76	96	30.19	-0.73	25.62	3.84	-10.97	-9.98	-248.43	-246.42	-11.99	21.79
2	76	97	36.22	20.93	32.39	24.76	-6.63	286.28	-120.54	285.82	-120.08	13.68

M_G	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		-55.59	-46.89	-53.31	-19.99		-764.48	-604.61	-305.63	-312.58
	94.41		94.40	32.23	17.10	996.13		996.12	249.03	196.82

Macro	Tipo	Angolo 1-X (gradi)
3	Guscio	0.0

M_G	Cmb	Nodo	N max daN/cm	N min daN/cm	N 1 daN/cm	N 2 daN/cm	N 1-2 daN/cm	M max daN	M min daN	M 1 daN	M 2 daN	M 1-2 daN
3	1	76	60.36	-5.91	59.16	-4.72	8.83	321.74	98.58	266.98	153.33	-96.03
3	1	84	62.04	-10.10	61.01	-9.06	-8.58	397.59	74.56	337.76	134.38	125.48
3	1	87	1.91	-83.50	-73.93	-7.66	26.94	666.55	197.55	663.68	200.42	36.59
3	1	88	11.80	-54.86	-52.16	9.11	-13.13	556.73	121.45	532.31	145.87	-100.17
3	1	97	59.99	24.34	59.33	25.01	-4.83	490.78	-99.88	488.97	-98.08	32.59
3	1	98	2.68	-3.23	-0.30	-0.24	2.95	-62.60	-206.42	-203.29	-65.73	20.98
3	1	99	8.03	-2.57	5.59	-0.13	-4.46	9.29	-298.57	-296.96	7.69	22.17
3	1	100	3.60	-1.57	-0.32	2.34	2.21	0.52	-312.71	-306.59	-5.59	43.34
3	1	101	-30.82	-51.79	-51.69	-30.93	1.46	257.17	-178.70	256.91	-178.45	10.50
3	3	76	59.05	-5.29	58.01	-4.25	8.09	320.94	103.43	265.42	158.95	-94.83
3	3	84	59.10	-10.73	58.22	-9.85	-7.78	390.68	67.32	336.55	121.45	120.71
3	3	87	1.68	-76.38	-69.23	-5.48	22.53	659.78	198.88	659.03	199.64	18.64
3	3	88	10.89	-54.96	-52.96	8.89	-11.29	547.59	133.36	533.86	147.09	-74.15
3	3	97	56.30	25.61	55.72	26.19	-4.18	396.55	-131.42	395.15	-130.02	27.16
3	3	98	2.08	-3.00	-0.88	-3.56e-02	2.50	-71.21	-218.66	-215.99	-73.88	19.65
3	3	99	7.24	-2.98	3.84	0.42	-4.82	8.69	-330.46	-330.18	8.42	9.59
3	3	100	3.55	-2.65	-0.78	1.67	2.85	-0.72	-346.01	-338.52	-8.21	50.30

3	3	101	-30.88	-51.54	-51.43	-30.99	1.44	263.27	-175.49	263.13	-175.35	7.92
3	7	76	46.40	-4.53	45.48	-3.61	6.77	249.44	77.52	208.32	118.63	-73.34
3	7	84	47.42	-7.78	46.63	-6.99	-6.56	305.91	58.04	261.37	102.58	95.17
3	7	87	1.43	-63.23	-56.17	-5.63	20.17	508.94	151.35	506.90	153.39	26.97
3	7	88	8.95	-42.35	-40.33	6.94	-9.97	426.45	94.69	408.76	112.38	-74.54
3	7	97	45.71	18.85	45.22	19.34	-3.59	367.41	-79.91	366.10	-78.60	24.20
3	7	98	1.98	-2.41	-0.29	-0.14	2.19	-49.17	-159.82	-157.58	-51.41	15.59
3	7	99	5.99	-2.02	4.03	-5.79e-02	-3.45	6.91	-232.91	-231.88	5.88	15.70
3	7	100	2.80	-1.24	-0.20	1.75	1.77	0.10	-243.61	-239.05	-4.46	33.03
3	7	101	-23.72	-39.85	-39.78	-23.79	1.09	198.69	-137.17	198.52	-137.00	7.65
3	8	76	45.52	-4.11	44.71	-3.30	6.27	248.88	80.78	207.28	122.38	-72.54
3	8	84	45.46	-8.21	44.77	-7.52	-6.02	301.36	53.16	260.56	93.96	91.99
3	8	87	1.29	-58.50	-53.03	-4.18	17.23	504.44	152.23	503.80	152.87	15.00
3	8	88	8.34	-42.42	-40.87	6.79	-8.74	420.44	102.55	409.80	113.19	-57.19
3	8	97	43.25	19.70	42.82	20.13	-3.15	304.60	-100.94	303.55	-99.89	20.58
3	8	98	1.58	-2.26	-0.68	-5.05e-03	1.89	-54.89	-167.99	-166.04	-56.84	14.71
3	8	99	5.49	-2.32	2.86	0.31	-3.69	6.57	-254.23	-254.03	6.37	7.31
3	8	100	2.78	-1.97	-0.50	1.31	2.19	-0.74	-265.80	-260.34	-6.20	37.67
3	8	101	-23.76	-39.68	-39.60	-23.83	1.07	202.77	-135.04	202.66	-134.93	5.93
3	20	76	33.67	-1.87	32.61	-0.80	6.05	197.00	-60.10	26.55	110.35	-121.53
3	20	84	41.08	-7.02	40.96	-6.90	-2.40	250.35	-97.07	140.46	12.83	161.56
3	20	87	-5.60e-02	-86.35	-76.17	-10.23	27.83	714.34	227.88	701.48	240.74	-78.05
3	20	88	7.60	-48.84	-46.37	5.13	-11.54	535.24	131.89	535.15	131.99	-6.29
3	20	97	34.98	19.20	34.93	19.25	0.86	239.89	-133.81	237.34	-131.26	30.76
3	20	98	-0.23	-9.69	-8.40	-1.52	3.25	-54.32	-178.07	-171.84	-60.54	27.05
3	20	99	0.79	-4.44	-2.06	-1.59	-2.60	21.27	-252.67	-245.49	14.09	-43.77
3	20	100	-1.17	-19.47	-18.20	-2.44	4.65	9.56	-299.14	-257.92	-31.66	104.99
3	20	101	-20.30	-47.07	-46.88	-20.48	2.19	274.21	-85.69	273.61	-85.09	-14.73
3	52	76	33.67	-1.87	32.61	-0.80	6.05	197.00	-60.10	26.55	110.35	-121.53
3	52	84	41.08	-7.02	40.96	-6.90	-2.40	250.35	-97.07	140.46	12.83	161.56
3	52	87	-5.60e-02	-86.35	-76.17	-10.23	27.83	714.34	227.88	701.48	240.74	-78.05
3	52	88	7.60	-48.84	-46.37	5.13	-11.54	535.24	131.89	535.15	131.99	-6.29
3	52	97	34.98	19.20	34.93	19.25	0.86	239.89	-133.81	237.34	-131.26	30.76
3	52	98	-0.23	-9.69	-8.40	-1.52	3.25	-54.32	-178.07	-171.84	-60.54	27.05
3	52	99	0.79	-4.44	-2.06	-1.59	-2.60	21.27	-252.67	-245.49	14.09	-43.77
3	52	100	-1.17	-19.47	-18.20	-2.44	4.65	9.56	-299.14	-257.92	-31.66	104.99
3	52	101	-20.30	-47.07	-46.88	-20.48	2.19	274.21	-85.69	273.61	-85.09	-14.73
3	74	76	46.34	-4.39	45.45	-3.50	6.67	258.60	85.72	222.13	122.19	-70.53
3	74	84	46.14	-7.91	45.37	-7.15	-6.38	307.42	60.92	269.34	99.00	89.08
3	74	87	1.21	-58.99	-53.18	-4.60	17.78	491.85	149.10	490.41	150.54	22.17
3	74	88	8.51	-42.80	-41.06	6.78	-9.26	417.58	98.82	404.07	112.34	-64.23
3	74	97	43.79	19.41	43.40	19.80	-3.06	323.85	-93.26	322.84	-92.25	20.51
3	74	98	1.69	-2.14	-0.51	6.30e-02	1.89	-53.46	-164.43	-162.79	-55.10	13.38
3	74	99	5.32	-2.32	2.88	0.12	-3.56	6.33	-247.29	-246.87	5.91	10.30
3	74	100	2.99	-1.43	-2.13e-04	1.55	2.07	-1.43	-257.01	-253.08	-5.37	31.48
3	74	101	-23.74	-39.90	-39.84	-23.80	0.94	202.13	-136.20	202.03	-136.10	5.84
3	75	76	46.34	-4.39	45.45	-3.50	6.67	258.60	85.72	222.13	122.19	-70.53
3	75	84	46.14	-7.91	45.37	-7.15	-6.38	307.42	60.92	269.34	99.00	89.08
3	75	87	1.21	-58.99	-53.18	-4.60	17.78	491.85	149.10	490.41	150.54	22.17
3	75	88	8.51	-42.80	-41.06	6.78	-9.26	417.58	98.82	404.07	112.34	-64.23
3	75	97	43.79	19.41	43.40	19.80	-3.06	323.85	-93.26	322.84	-92.25	20.51
3	75	98	1.69	-2.14	-0.51	6.30e-02	1.89	-53.46	-164.43	-162.79	-55.10	13.38
3	75	99	5.32	-2.32	2.88	0.12	-3.56	6.33	-247.29	-246.87	5.91	10.30
3	75	100	2.99	-1.43	-2.13e-04	1.55	2.07	-1.43	-257.01	-253.08	-5.37	31.48
3	75	101	-23.74	-39.90	-39.84	-23.80	0.94	202.13	-136.20	202.03	-136.10	5.84
3	76	76	46.34	-4.39	45.45	-3.50	6.67	258.60	85.72	222.13	122.19	-70.53
3	76	84	46.14	-7.91	45.37	-7.15	-6.38	307.42	60.92	269.34	99.00	89.08
3	76	87	1.21	-58.99	-53.18	-4.60	17.78	491.85	149.10	490.41	150.54	22.17
3	76	88	8.51	-42.80	-41.06	6.78	-9.26	417.58	98.82	404.07	112.34	-64.23
3	76	97	43.79	19.41	43.40	19.80	-3.06	323.85	-93.26	322.84	-92.25	20.51
3	76	98	1.69	-2.14	-0.51	6.30e-02	1.89	-53.46	-164.43	-162.79	-55.10	13.38
3	76	99	5.32	-2.32	2.88	0.12	-3.56	6.33	-247.29	-246.87	5.91	10.30
3	76	100	2.99	-1.43	-2.13e-04	1.55	2.07	-1.43	-257.01	-253.08	-5.37	31.48
3	76	101	-23.74	-39.90	-39.84	-23.80	0.94	202.13	-136.20	202.03	-136.10	5.84

M_G	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		-86.35	-76.17	-30.99	-13.13		-346.01	-338.52	-178.45	-121.53
	62.04		61.01	26.19	27.83	714.34		701.48	240.74	161.56

Macro	Tipo	Angolo 1-X (gradi)
4	Guscio	0.0

M_G	Cmb	Nodo	N max daN/cm	N min daN/cm	N 1 daN/cm	N 2 daN/cm	N 1-2 daN/cm	M max daN	M min daN	M 1 daN	M 2 daN	M 1-2 daN
4	1	76	45.09	-7.60	44.81	-7.32	-3.81	700.41	155.55	694.90	161.05	-54.49
4	1	84	45.76	-12.11	45.57	-11.92	3.36	659.26	128.08	653.84	133.50	53.36
4	1	85	4.66	-2.61	3.81	-1.75	2.34	508.49	277.59	455.88	330.19	96.84
4	1	86	5.12	-4.56	4.58	-4.02	-2.22	509.96	250.98	493.59	267.35	-63.02
4	1	101	-32.39	-41.26	-41.25	-32.40	-0.33	186.03	-206.01	185.36	-205.35	16.14
4	1	102	16.44	-2.60	-2.60	16.44	-9.24e-02	-147.01	-331.66	-330.42	-148.25	15.10
4	1	103	10.91	2.64	7.48	6.06	4.07	-21.34	-657.64	-653.11	-25.88	53.53
4	1	104	8.07	0.12	4.74	3.45	-3.92	-42.50	-656.51	-655.86	-43.15	-19.94
4	1	105	-1.07	-4.79	-1.12	-4.73	0.46	-79.46	-499.89	-79.46	-499.89	3.93e-02
4	3	76	47.03	-6.78	46.61	-6.36	-4.74	708.22	157.85	701.13	164.94	-62.08
4	3	84	45.62	-12.55	45.35	-12.29	3.94	660.10	122.24	654.63	127.71	53.94
4	3	85	4.25	-2.54	3.45	-1.74	2.19	581.90	306.57	480.59	407.88	132.78
4	3	86	5.63	-4.61	5.00	-3.98	-2.46	517.07	181.70	510.65	188.12	-45.96
4	3	101	-32.10	-42.07	-42.02	-32.16	-0.73	189.52	-204.01	189.00	-203.48	14.43
4	3	102	16.59	-2.51	-2.50	16.58	-0.45	-148.11	-323.36	-322.22	-149.25	14.09
4	3	103	11.04	2.94	7.59	6.39	4.01	-5.42	-651.35	-647.18	-9.59	51.75
4	3	104	7.64	-0.11	4.48	3.06	-3.81	-57.79	-656.10	-654.94	-58.95	-26.32
4	3	105	-1.04	-4.82	-1.13	-4.73	0.57	-82.51	-500.94	-84.24	-499.21	-26.85
4	7	76	34.80	-5.82	34.58	-5.60	-2.98	538.04	119.77	533.81	124.00	-41.84
4	7	84	35.07	-9.33	34.92	-9.17	2.60	506.51	98.25	502.47	102.29	40.41
4	7	85	3.39	-1.98	2.77	-1.36	1.72	395.68	216.80	352.05	260.43	76.82
4	7	86	3.80	-3.44	3.40	-3.04	-1.67	391.01	187.84	379.67	199.18	-46.64
4	7	101	-24.89	-31.82	-31.80	-24.90	-0.29	144.44	-157.89	143.97	-157.42	11.97
4	7	102	12.62	-2.03	-2.03	12.61	-0.11	-113.04	-254.90	-254.00	-113.94	11.26
4	7	103	8.34	1.99	5.67	4.66	3.13	-15.14	-505.15	-501.73	-18.55	40.78
4	7	104	6.18	6.97e-02	3.61	2.63	-3.02	-33.88	-504.82	-504.26	-34.44	-16.26
4	7	105	-0.76	-3.61	-0.80	-3.57	0.35	-61.31	-384.46	-61.32	-384.44	-2.37
4	8	76	36.10	-5.27	35.78	-4.96	-3.59	543.24	121.31	537.96	126.59	-46.90
4	8	84	34.98	-9.62	34.78	-9.42	2.99	507.07	94.36	502.99	98.43	40.79
4	8	85	3.12	-1.94	2.52	-1.34	1.63	445.00	235.74	368.52	312.23	100.77
4	8	86	4.15	-3.47	3.68	-3.01	-1.83	396.02	141.38	391.04	146.36	-35.26
4	8	101	-24.70	-32.36	-32.31	-24.74	-0.56	146.78	-156.56	146.39	-156.17	10.83
4	8	102	12.71	-1.97	-1.96	12.70	-0.34	-113.77	-249.37	-248.54	-114.61	10.59
4	8	103	8.43	2.20	5.75	4.88	3.08	-4.52	-500.96	-497.78	-7.70	39.60
4	8	104	5.89	-8.12e-02	3.44	2.37	-2.94	-44.06	-504.56	-503.64	-44.97	-20.52
4	8	105	-0.74	-3.63	-0.81	-3.57	0.42	-63.23	-385.27	-64.52	-383.99	-20.30
4	30	76	40.55	-1.31	39.85	-0.61	-5.36	664.35	218.19	648.15	234.39	-83.45
4	30	84	33.18	-14.59	33.17	-14.59	0.43	376.48	-19.90	376.38	-19.80	-6.22
4	30	85	2.08	-3.64	-1.98	0.41	2.60	980.53	435.63	514.41	901.74	191.63
4	30	86	6.45	-4.68	6.44	-4.67	-0.31	324.89	-307.29	318.12	-300.52	65.07
4	30	101	-25.06	-32.24	-32.10	-25.20	-0.97	165.51	-166.96	153.96	-155.42	60.86
4	30	102	12.54	-1.86	-1.85	12.54	-0.21	-117.62	-254.94	-252.56	-120.01	17.93
4	30	103	11.14	5.42	9.46	7.10	2.60	159.45	-526.70	-496.15	128.90	141.52
4	30	104	3.08	-3.72	-0.89	0.25	-3.35	-160.56	-537.93	-527.41	-171.08	62.11
4	30	105	-0.41	-3.40	-0.53	-3.28	0.58	-26.18	-422.47	-67.39	-381.26	-120.97
4	40	76	37.53	-0.15	36.56	0.82	-5.96	724.40	241.84	700.96	265.28	-103.73
4	40	84	31.74	-13.71	31.74	-13.71	0.56	459.06	2.18	458.33	2.91	18.27
4	40	85	1.75	-4.11	-3.25	0.90	2.07	792.91	307.48	374.31	726.08	167.25
4	40	86	5.04	-4.27	5.04	-4.27	7.31e-02	271.83	-450.77	258.53	-437.47	97.14
4	40	101	-23.74	-33.03	-32.96	-23.81	-0.82	149.57	-165.73	138.98	-155.14	56.82
4	40	102	12.16	-2.14	-2.14	12.15	-0.24	-99.74	-254.09	-252.32	-101.52	16.47
4	40	103	8.46	2.80	4.70	6.56	2.68	140.32	-493.29	-477.55	124.58	98.60
4	40	104	4.19	-3.04	1.56	-0.41	-3.48	-167.88	-622.15	-611.96	-178.08	67.28
4	40	105	-0.58	-2.65	-0.65	-2.58	0.37	-0.85	-423.26	-42.14	-381.97	-125.45
4	62	76	40.55	-1.31	39.85	-0.61	-5.36	664.35	218.19	648.15	234.39	-83.45
4	62	84	33.18	-14.59	33.17	-14.59	0.43	376.48	-19.90	376.38	-19.80	-6.22
4	62	85	2.08	-3.64	-1.98	0.41	2.60	980.53	435.63	514.41	901.74	191.63
4	62	86	6.45	-4.68	6.44	-4.67	-0.31	324.89	-307.29	318.12	-300.52	65.07
4	62	101	-25.06	-32.24	-32.10	-25.20	-0.97	165.51	-166.96	153.96	-155.42	60.86
4	62	102	12.54	-1.86	-1.85	12.54	-0.21	-117.62	-254.94	-252.56	-120.01	17.93
4	62	103	11.14	5.42	9.46	7.10	2.60	159.45	-526.70	-496.15	128.90	141.52
4	62	104	3.08	-3.72	-0.89	0.25	-3.35	-160.56	-537.93	-527.41	-171.08	62.11
4	62	105	-0.41	-3.40	-0.53	-3.28	0.58	-26.18	-422.47	-67.39	-381.26	-120.97
4	72	76	37.53	-0.15	36.56	0.82	-5.96	724.40	241.84	700.96	265.28	-103.73
4	72	84	31.74	-13.71	31.74	-13.71	0.56	459.06	2.18	458.33	2.91	18.27
4	72	85	1.75	-4.11	-3.25	0.90	2.07	792.91	307.48	374.31	726.08	167.25
4	72	86	5.04	-4.27	5.04	-4.27	7.31e-02	271.83	-450.77	258.53	-437.47	97.14
4	72	101	-23.74	-33.03	-32.96	-23.81	-0.82	149.57	-165.73	138.98	-155.14	56.82
4	72	102	12.16	-2.14	-2.14	12.15	-0.24	-99.74	-254.09	-252.32	-101.52	16.47
4	72	103	8.46	2.80	4.70	6.56	2.68	140.32	-493.29	-477.55	124.58	98.60
4	72	104	4.19	-3.04	1.56	-0.41	-3.48	-167.88	-622.15	-611.96	-178.08	67.28
4	72	105	-0.58	-2.65	-0.65	-2.58	0.37	-0.85	-423.26	-42.14	-381.97	-125.45
4	74	76	35.36	-5.67	35.11	-5.43	-3.17	533.82	120.58	529.67	124.72	-41.19
4	74	84	34.49	-9.42	34.33	-9.25	2.68	502.62	96.71	499.18	100.15	37.19
4	74	85	2.57	-1.88	2.07	-1.38	1.42	419.29	230.20	359.23	290.25	88.03

4	74	86	3.25	-3.17	2.87	-2.80	-1.51	387.46	162.61	380.71	169.36	-38.35
4	74	101	-24.78	-32.15	-32.12	-24.81	-0.45	150.49	-155.39	150.15	-155.05	10.15
4	74	102	12.48	-2.15	-2.15	12.48	-0.27	-112.85	-253.92	-253.24	-113.54	9.82
4	74	103	8.14	1.86	5.35	4.65	3.12	-9.10	-502.02	-498.85	-12.26	39.38
4	74	104	6.04	-3.33e-02	3.48	2.53	-3.00	-39.34	-504.16	-503.25	-40.25	-20.57
4	74	105	-0.50	-3.32	-0.54	-3.28	0.33	-61.95	-384.65	-62.50	-384.11	-13.30
4	75	76	35.36	-5.67	35.11	-5.43	-3.17	533.82	120.58	529.67	124.72	-41.19
4	75	84	34.49	-9.42	34.33	-9.25	2.68	502.62	96.71	499.18	100.15	37.19
4	75	85	2.57	-1.88	2.07	-1.38	1.42	419.29	230.20	359.23	290.25	88.03
4	75	86	3.25	-3.17	2.87	-2.80	-1.51	387.46	162.61	380.71	169.36	-38.35
4	75	101	-24.78	-32.15	-32.12	-24.81	-0.45	150.49	-155.39	150.15	-155.05	10.15
4	75	102	12.48	-2.15	-2.15	12.48	-0.27	-112.85	-253.92	-253.24	-113.54	9.82
4	75	103	8.14	1.86	5.35	4.65	3.12	-9.10	-502.02	-498.85	-12.26	39.38
4	75	104	6.04	-3.33e-02	3.48	2.53	-3.00	-39.34	-504.16	-503.25	-40.25	-20.57
4	75	105	-0.50	-3.32	-0.54	-3.28	0.33	-61.95	-384.65	-62.50	-384.11	-13.30
4	76	76	35.36	-5.67	35.11	-5.43	-3.17	533.82	120.58	529.67	124.72	-41.19
4	76	84	34.49	-9.42	34.33	-9.25	2.68	502.62	96.71	499.18	100.15	37.19
4	76	85	2.57	-1.88	2.07	-1.38	1.42	419.29	230.20	359.23	290.25	88.03
4	76	86	3.25	-3.17	2.87	-2.80	-1.51	387.46	162.61	380.71	169.36	-38.35
4	76	101	-24.78	-32.15	-32.12	-24.81	-0.45	150.49	-155.39	150.15	-155.05	10.15
4	76	102	12.48	-2.15	-2.15	12.48	-0.27	-112.85	-253.92	-253.24	-113.54	9.82
4	76	103	8.14	1.86	5.35	4.65	3.12	-9.10	-502.02	-498.85	-12.26	39.38
4	76	104	6.04	-3.33e-02	3.48	2.53	-3.00	-39.34	-504.16	-503.25	-40.25	-20.57
4	76	105	-0.50	-3.32	-0.54	-3.28	0.33	-61.95	-384.65	-62.50	-384.11	-13.30

M_G	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
	47.03	-42.07	-42.02	-32.40	-5.96	980.53	-657.64	-655.86	-499.89	-125.45
			46.61	16.58	4.07			701.13	901.74	191.63

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

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

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

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

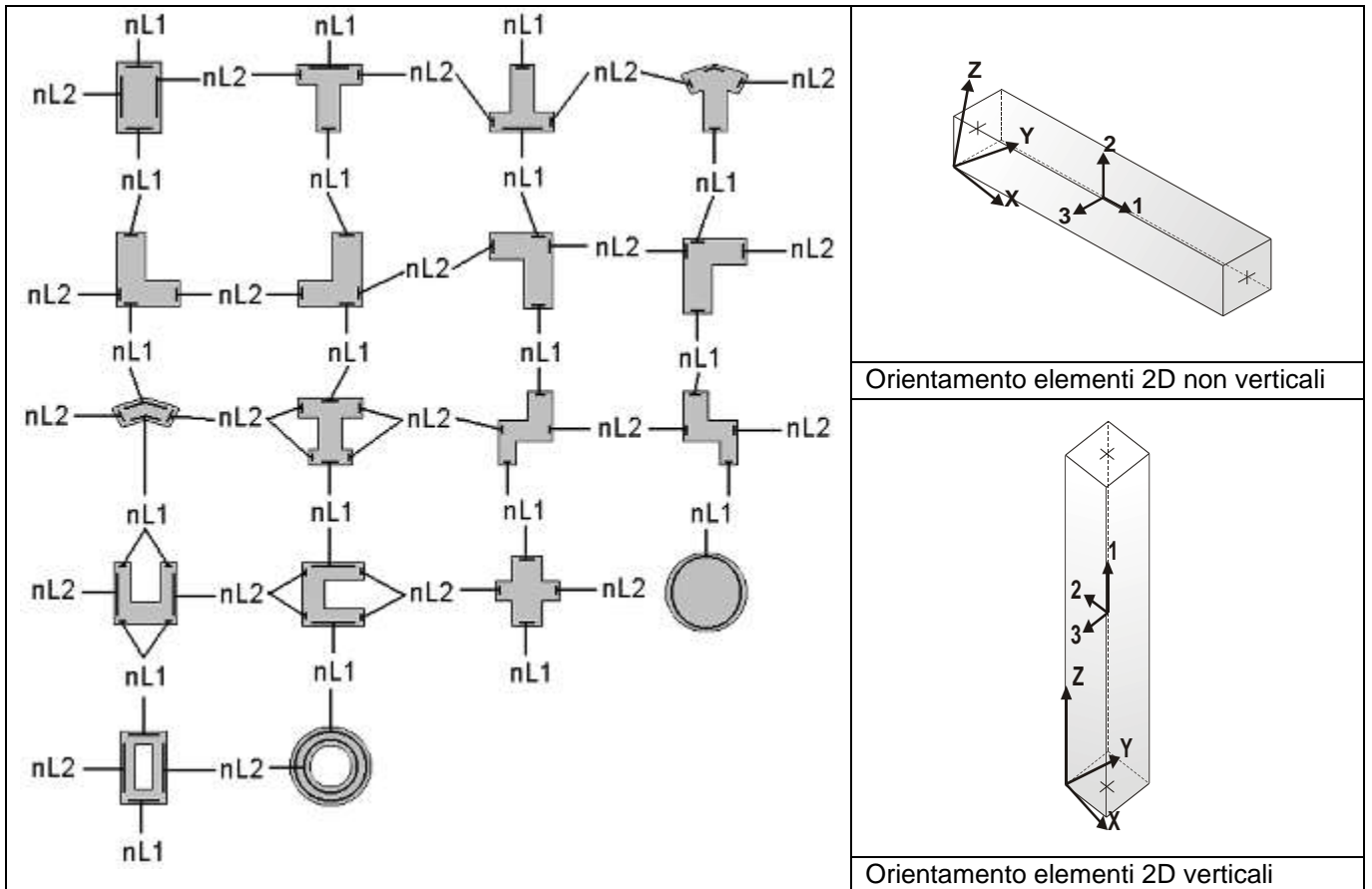
Nel caso in cui si sia proceduto alla progettazione con le tensioni ammissibili (**T.A.**) vengono riportate le massime tensioni nell'elemento (massima compressione nel calcestruzzo, massima compressione media nel calcestruzzo, massima tensione nell'acciaio, massima tensione tangenziale) con l'indicazione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

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

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

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

Schema della distribuzione delle armature longitudinali



PROGETTAZIONE DELLE FONDAZIONI

Il D.M.17/01/2018 - par: 7.2.5 prevede:

“Sia per CD“A” sia per CD“B” il dimensionamento delle strutture di fondazione e la verifica di sicurezza del complesso fondazione-terreno devono essere eseguiti assumendo come azione in fondazione, trasmessa dagli elementi soprastanti, una tra le seguenti:

- quella derivante dall'analisi strutturale eseguita ipotizzando comportamento strutturale non dissipativo;
- [...];
- quella trasferita dagli elementi soprastanti nell'ipotesi di comportamento strutturale dissipativo, amplificata di un coefficiente pari a 1,30 in CD“A” e 1,10 in CD“B”;

Nel contesto visualizzazione risultati e nella stampa della relazione sulle fondazioni PRO_SAP mostra le sollecitazioni che derivano dall'analisi non incrementate sia in termini di pressioni sul terreno che in termini di sollecitazioni.

La progettazione degli elementi strutturali con proprietà fondazione è effettuata da PRO_SAP (per travi e platee) o da PRO_CAD Plinti (per plinti e pali di fondazione) incrementando le sollecitazioni delle combinazioni con sisma di un coefficiente pari 1.1 in CDB e 1.3 in CDA per pali, plinti, travi e platee.

Per i bicchieri dei plinti di fondazione prefabbricati l'incremento delle sollecitazioni ha un fattore pari a 1.2 in CDB e 1.35 in CDA.

N.B.: nel caso di comportamento strutturale non dissipativo la progettazione viene effettuata senza nessun incremento.

Le verifiche geotecniche vengono effettuate dal modulo geotecnico incrementando automaticamente le sollecitazioni del fattore 1.1 in CDB e 1.3 in CDA per pali, plinti, travi e platee.

N.B.: nel caso di comportamento strutturale non dissipativo le verifiche geotecniche vengono effettuate senza nessun incremento.

Simbologia adottata nelle tabelle di verifica

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

M_P X Y	Numero della pilastrata (P) e posizione in pianta (X,Y)
Pilas.	numero identificativo dell'elemento D2
Note	Codici identificativi delle sezione (s) e materiale (m) pilastro
Stato	Codici relativi all'esito delle verifiche effettuate appresso descritte
Quota	Quota sezione di verifica
%Af	Percentuale di area di armatura rispetto a quella di calcestruzzo
r. snell.	Rapporto di snellezza λ su λ^* : valore superiore a 1 per elementi snelli nel caso in cui viene effettuata la verifica con il metodo diretto dello stato di equilibrio
Armat. long.	Numero e diametro (d) dei ferri di armatura longitudinale distinti in ferri di vertice + ferri di lato nelle posizioni nL1 e nL2, come da schemi in figura precedente
V N/M	Verifica a pressoflessione con rapporto E_d/R_d : valore minore o uguale a 1 per verifica positiva
V N sis	Verifica a compressione solo calcestruzzo con rapporto N_{sd}/N_{rd} ed N_{rd} calcolato come al punto 7.4.4.2.1: valore minore o uguale a 1 per verifica positiva
Staffe	Dati tratto di staffatura oggetto di verifica, nello specifico: numero delle braccia, diametro, passo, lunghezza L tratto
V V/T cls	Verifica a taglio/torsione con rapporto V_{ed}/V_{rd} : valore minore o uguale a 1 per verifica positiva
Rif. cmb.	Riferimento combinazioni da cui si generano le verifiche più gravose per il pilastro

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

Pilas.	numero identificativo dell'elemento D2 pilastro
--------	---

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

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

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

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

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

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

Pilastro I	Numero identificativo D2 del pilastro inferiore.
Pilastro S	Numero identificativo D2 del pilastro superiore.
Nodo	Numero identificativo del nodo trave-pilastro.
SL cod	Stato limite di riferimento e relativo esito delle verifiche.
ver. (+)	Fattore di sicurezza nei riguardi della verifica di resistenza a compressione (verificato se < 1.00).
V +	Azione di Taglio presente al di sopra del nodo nella verifica di resistenza a compressione.
V + af s	Sollecitazione di trazione presente nell' armatura longitudinale superiore della trave nella verifica di resistenza a compressione.
N +	Azione Assiale presente al di sopra del nodo nella verifica di resistenza a compressione.
ver. (-)	Fattore di sicurezza nei riguardi della verifica di resistenza a trazione (verificato se < 1.00).
V -	Azione di Taglio presente al di sopra del nodo nella verifica di resistenza a trazione.
V - af s	Sollecitazione di trazione presente nell' armatura longitudinale superiore della trave nella verifica di resistenza a trazione.
N -	Azione Assiale presente al di sopra del nodo nella verifica di resistenza a trazione.
AreaV2	Area resistente del nodo in direzione 2 ($A_{j2}=b_{j2}*h_{jc2}$).
AreaV3	Area resistente del nodo in direzione 3 ($A_{j3}=b_{j3}*h_{jc3}$).
Rif. comb.	Combinazione (direzione) di riferimento nella verifica di trazione.

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

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

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

Trave	numero identificativo dell'elemento D2 trave
M negativo i (f)	Valore del momento resistente negativo all' estremità iniziale i (finale f) della trave
M positivo i (f)	Valore del momento resistente positivo all' estremità iniziale i (finale f) della trave
Luce per V	Luce di calcolo per la definizione del taglio (generato dai momenti resistenti)
V M-i M+f	Taglio generato dai momenti resistenti negativo i e positivo f
V M+i M-f	Taglio generato dai momenti resistenti positivo i e negativo f
V _{Ed, min}	Valore di taglio minimo per verifica condizioni p.to 7.4.4.1.1 armatura diagonale (solo per CD "A")
V _{Ed, max}	Valore di taglio massimo per verifica condizioni p.to 7.4.4.1.1 armatura diagonale (solo per CD "A")
V _{r1}	Valore di taglio come da formula 7.4.1 per armatura diagonale (solo per CD "A")
A _s	Area singolo ordine armature diagonali come da formula 7.4.2 (solo per CD "A")

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

Trave/Pilastro	Numero identificativo dell'elemento D2 trave/pilastro
----------------	---

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

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

M_P X Y	Numero della pilastrata (P) e posizione in pianta (X,Y)
M_T Z P P	Numero della travata, quota media pilastrata iniziale e finale (nodo in assenza di pilastrata)
Pilas. o Trave	numero identificativo dell'elemento D2
Note	Viene riportato il codice relativo alla sezione(s) e relativo al materiale(m); nella terza riga viene riportato il valore delle snellezze in direzione 2-2 e 3-3
Stato	Codici di verifica relativi alle tensioni normali e alle tensioni tangenziali
Quota	Ascissa del punto di verifica
%Af	Percentuale di area di armatura rispetto a quella di calcestruzzo
Armat. long.	Numero e diametro dei ferri di armatura longitudinale: ferri di vertice + ferri di lato (come da fig. precedente)
Af inf.	Area di armatura longitudinale posta all'intradosso della trave
Af sup	Area di armatura longitudinale posta all'estradosso della trave
Sc max	Massima tensione di compressione del calcestruzzo
Sc med	Massima tensione media di compressione del calcestruzzo
Sf max	Tensione massima nell'acciaio
staffe	Vengono riportati i dati del tratto di staffatura in cui cade la sezione di verifica; in particolare: numero dei bracci, diametro, passo, lunghezza tratto
Tau max	Tensione massima tangenziale nel cls
Rif. comb	Combinazioni in cui si generano i seguenti valori di tensione: Sc max, Sc med, Sf max, Tau max
AfV	area dell'armatura atta ad assorbire le azioni di taglio
AfT	area dell'armatura atta ad assorbire le azioni di torsione
Scorr. P	Scorrimento dei piegati
Af long.	Area del ferro longitudinale aggiuntivo per assorbire la torsione

< TABELLA VERIFICHE ELEMENTI - MATERIALI ESISTENTI >

Pilas.	V. SLV	Nodo	Ver. VC	Direz.	N fr daN	V fr daN	M fr daN cm	N dutt daN	LV cm	mud,pl	V cic daN	Cmb
15	ok	18	0.06	2	-1914.78	487.19	8.587e+04	-1914.78	176.66	0.0	4937.04	20
		19	0.06	2	-1104.78	487.19	-8.952e+04	-1104.78	183.34	0.0	4892.03	20
17	ok	20	0.06	2	-2837.19	518.74	9.308e+04	-2837.19	179.50	0.0	4374.15	20

		21	0.06	2	-2027.19	518.74	-9.366e+04	-2027.19	180.50	0.0	4332.64	20
18	ok	22	0.05	3	-3865.72	-315.95	-5.620e+04	-3865.72	170.71	0.0	3535.83	20
		23	0.05	3	-3141.22	-315.95	5.754e+04	-3141.22	189.29	0.0	3495.10	20
20	ok	24	0.06	2	-9510.66	554.97	1.001e+05	-9510.66	172.88	0.0	4687.43	20
		25	0.06	2	-8700.66	554.97	-9.965e+04	-8700.66	187.12	0.0	4621.55	20
21	ok	26	0.04	2	-6160.84	-320.74	-4.894e+04	-6160.84	171.49	0.0	4545.04	18
		27	0.04	2	-5350.84	-320.74	6.653e+04	-5350.84	188.51	0.0	4481.49	18
22	ok	68	0.26	2	-6735.19	2286.32	1.162e+05	-6735.19	38.12	0.0	9407.23	32
		87	0.26	2	-6645.19	2286.32	2.476e+04	-6645.19	1.88	0.0	4.017e+04	32
23	ok	28	0.05	2	-3706.67	-424.53	-7.087e+04	-3706.67	189.07	0.0	4407.23	19
		29	0.05	2	-2896.67	-424.53	8.197e+04	-2896.67	170.93	0.0	4384.68	19
27	ok	34	0.04	3	-7681.37	346.42	7.398e+04	-7681.37	219.58	0.0	4528.85	41
		35	0.04	3	-6871.37	346.42	-5.073e+04	-6871.37	140.42	0.0	4966.19	41
30	ok	39	0.04	2	-7857.65	-312.80	-4.043e+04	-7857.65	156.03	0.0	4660.64	19
		43	0.04	2	-7047.65	-312.80	7.217e+04	-7047.65	203.97	0.0	4528.35	19
39	ok	3	0.10	2	-7164.43	-879.02	-1.117e+05	-7164.43	152.60	0.0	5243.94	23
		4	0.10	2	-6354.43	-879.02	2.048e+05	-6354.43	207.40	0.0	5105.18	23
41	ok	17	0.17	2	-1.601e+04	-4279.87	-8.453e+05	-1.601e+04	201.95	0.0	1.721e+04	18
		6	0.17	2	-1.103e+04	-4279.87	6.954e+05	-1.103e+04	158.05	0.0	1.803e+04	18
43	ok	48	0.07	2	-4590.77	645.33	1.097e+05	-4590.77	171.06	0.0	4470.55	20
		46	0.07	2	-3780.77	645.33	-1.226e+05	-3780.77	188.94	0.0	4410.76	20
45	ok	52	0.16	2	-5204.20	-1368.83	-1.539e+05	-5204.20	99.13	0.0	6349.03	18
		51	0.16	2	-4715.95	-1368.83	1.431e+05	-4715.95	117.87	0.0	5631.48	18
53	ok	64	0.05	3	-5888.50	454.43	2.918e+04	-5888.50	91.99	0.0	6677.93	41
		52	0.05	3	-5566.75	454.43	-3.581e+04	-5566.75	51.01	0.0	8413.96	41
83	ok	53	0.18	2	-5674.94	1526.81	8.090e+04	-5674.94	39.74	0.0	9078.96	17
		88	0.18	2	-5584.94	1526.81	1.983e+04	-5584.94	0.26	0.0	2.028e+05	17
85	ok	67	0.05	2	-3479.38	-487.77	-8.685e+04	-3479.38	178.27	0.0	5029.91	40
		66	0.05	2	-2754.88	-487.77	8.875e+04	-2754.88	181.73	0.0	4985.08	40
86	ok	69	5.61e-03	2	-1821.89	-321.40	-6.724e+04	-1821.89	208.13	0.0	2.094e+04	19
		74	5.61e-03	2	-1014.43	-321.40	4.810e+04	-1014.43	150.74	0.0	2.092e+04	19
87	ok	87	0.03	2	-1969.48	263.90	5.220e+04	-1969.48	197.32	0.0	4320.87	20
		75	0.03	2	-1162.02	263.90	-4.251e+04	-1162.02	161.55	0.0	4295.25	20
90	ok	76	0.04	2	-2490.64	309.33	6.297e+04	-2490.64	202.83	0.0	4341.74	20
		77	0.04	2	-1680.64	309.33	-4.839e+04	-1680.64	157.17	0.0	4328.08	20
95	ok	71	0.02	3	-5960.76	-176.70	4919.43	-5960.76	44.08	0.0	8864.81	38
		69	0.02	3	-5639.01	-176.70	3.019e+04	-5639.01	98.92	0.0	6392.81	38
97	ok	84	0.03	3	-2282.46	-277.00	-8.415e+04	-2282.46	297.75	0.0	4298.53	32
		81	0.03	3	-1472.46	-277.00	1.557e+04	-1472.46	62.25	0.0	7297.72	32
100	ok	88	4.35e-03	3	-1533.62	-249.28	-7.108e+04	-1533.62	280.06	0.0	2.091e+04	38
		82	4.35e-03	3	-726.16	-249.28	1.838e+04	-726.16	78.81	0.0	2.274e+04	38
101	ok	51	0.06	3	-2077.03	546.46	7.395e+04	-2077.03	128.36	0.0	5081.27	10
		73	0.06	3	-1757.82	546.46	-3576.12	-1757.82	13.51	0.0	9890.29	10
102	ok	79	0.02	3	-3889.88	-195.39	-1.392e+04	-3889.88	105.38	0.0	6012.88	32
		84	0.02	3	-3439.88	-195.39	2.516e+04	-3439.88	94.62	0.0	6358.99	32
103	ok	70	3.99e-03	3	-5367.12	-228.28	-1.126e+04	-5367.12	90.99	0.0	2.287e+04	26
		76	3.99e-03	3	-4917.12	-228.28	3.439e+04	-4917.12	109.01	0.0	2.230e+04	26
104	ok	65	0.07	2	-338.65	-564.65	-7.043e+04	-338.65	74.56	0.0	6716.25	38
		53	0.07	2	-106.90	-564.65	-1.227e+04	-106.90	28.44	0.0	8204.35	38
105	ok	83	0.02	3	-1627.37	-189.25	-1.267e+04	-1627.37	40.03	0.0	8179.76	23
		68	0.02	3	-1395.62	-189.25	6820.04	-1395.62	62.97	0.0	7260.17	23
106	ok	72	0.02	3	-3134.26	-154.41	-1.730e+04	-3134.26	132.21	0.0	5024.06	32
		85	0.02	3	-2684.26	-154.41	1.358e+04	-2684.26	67.79	0.0	7263.25	32
107	ok	33	0.02	3	-3499.01	154.11	1.438e+04	-3499.01	119.87	0.0	5473.55	31
		86	0.02	3	-3049.01	154.11	-1.645e+04	-3049.01	80.13	0.0	6846.78	31
108	ok	86	0.03	2	-1694.43	-269.87	-4.901e+04	-1694.43	182.03	0.0	4314.86	10
		80	0.03	2	-884.43	-269.87	4.814e+04	-884.43	177.97	0.0	4274.08	10
109	ok	85	0.03	2	-1686.96	-289.92	-5.359e+04	-1686.96	185.07	0.0	4313.02	19
		78	0.03	2	-876.96	-289.92	5.079e+04	-876.96	174.93	0.0	4274.51	19
212	ok	142	0.02	3	-2479.79	-163.87	-2.231e+04	-2479.79	164.99	0.0	4975.61	37
		18	0.02	3	-1669.79	-163.87	3.668e+04	-1669.79	195.01	0.0	4915.72	37
213	ok	143	0.01	3	-3144.46	-114.59	-1.567e+04	-3144.46	165.45	0.0	4403.26	39
		20	0.01	3	-2334.46	-114.59	2.559e+04	-2334.46	194.55	0.0	4339.38	39
214	ok	144	0.01	2	-5600.65	-140.22	-1.942e+04	-5600.65	166.83	0.0	5399.22	23
		22	0.01	2	-4876.15	-140.22	3.106e+04	-4876.15	193.17	0.0	5084.88	23
215	ok	145	0.01	2	-1.005e+04	-129.20	9044.39	-1.005e+04	51.43	0.0	9045.35	11
		225	0.01	2	-9934.34	-129.20	1.569e+04	-9934.34	51.43	0.0	9029.95	11
216	ok	148	0.02	3	-6678.94	-154.43	-2.159e+04	-6678.94	167.84	0.0	4576.35	37
		48	0.02	3	-5868.94	-154.43	3.401e+04	-5868.94	192.16	0.0	4498.57	37
218	ok	141	0.01	2	-4140.81	-127.46	-1.948e+04	-4140.81	178.06	0.0	5067.24	31
		67	0.01	2	-3416.31	-127.46	2.640e+04	-3416.31	181.94	0.0	5022.16	31
231	ok	225	0.04	3	-5889.36	-321.59	-1.710e+04	-5889.36	51.43	0.0	8443.34	33
		226	0.04	3	-5773.65	-321.59	-563.37	-5773.65	51.43	0.0	8425.19	33
238	ok	226	4.29e-03	3	-3783.14	-37.13	-1685.84	-3783.14	45.40	0.0	8386.57	31
		227	4.29e-03	3	-3667.42	-37.13	223.93	-3667.42	6.03	0.0	1.452e+04	31
245	ok	227	2.42e-03	3	-2940.64	-20.97	-832.30	-2940.64	39.68	0.0	8495.95	31
		228	2.42e-03	3	-2824.93	-20.97	246.38	-2824.93	11.75	0.0	1.096e+04	31

252	ok	228	2.92e-03	3	-2897.18	25.28	-57.66	-2897.18	51.43	0.0	7949.27	32
		229	2.92e-03	3	-2781.46	25.28	-1357.84	-2781.46	51.43	0.0	7929.14	32
256	ok	229	0.01	3	-2877.89	93.49	-949.99	-2877.89	51.43	0.0	7945.92	40
		230	0.01	3	-2762.17	93.49	-5758.28	-2762.17	51.43	0.0	7925.78	40
257	ok	230	6.56e-03	2	-3360.96	56.77	5533.33	-3360.96	51.43	0.0	8029.20	20
		24	6.56e-03	2	-3245.24	56.77	2613.69	-3245.24	51.43	0.0	8009.37	20
258	ok	269	0.01	2	-3980.64	87.18	1.750e+04	-3980.64	51.43	0.0	8134.08	32
		286	0.01	2	-3864.93	87.18	1.302e+04	-3864.93	51.43	0.0	8114.67	32
262	ok	286	0.01	2	-1936.03	-96.87	-4100.68	-1936.03	42.33	0.0	8151.43	19
		287	0.01	2	-1820.31	-96.87	881.00	-1820.31	9.10	0.0	1.070e+04	19
266	ok	287	0.01	2	-1492.18	-107.54	-106.29	-1492.18	0.99	0.0	2.349e+04	19
		288	0.01	2	-1376.47	-107.54	5424.18	-1376.47	50.44	0.0	7715.65	19
269	ok	288	0.01	2	-1278.88	-123.05	4248.26	-1278.88	51.43	0.0	7660.75	19
		289	0.01	2	-1163.17	-123.05	1.058e+04	-1163.17	51.43	0.0	7639.55	19
270	ok	289	0.02	2	-757.08	-164.13	9212.15	-757.08	51.43	0.0	7564.53	31
		290	0.02	2	-641.37	-164.13	1.765e+04	-641.37	51.43	0.0	7542.98	31
271	ok	290	0.03	2	-613.14	-231.51	1.858e+04	-613.14	51.43	0.0	7537.71	19
		291	0.03	2	-497.43	-231.51	3.049e+04	-497.43	51.43	0.0	7516.07	19
272	ok	291	0.09	2	-1984.76	-787.26	2.403e+04	-1984.76	51.43	0.0	7788.44	38
		28	0.09	2	-1869.05	-787.26	6.451e+04	-1869.05	51.43	0.0	7767.70	38

Pilas.

Ver. VC
0.26

< TABELLA VERIFICHE POST-OPERAM >	
Elementi post rinforzo tipo: C8A.7.3 PLACCATURA E FASCIATURA IN MATERIALI COMPOSITI	
Elementi post rinforzo tipo: C8A.7.2 INCAMICIATURA IN ACCIAIO e assimilabili	
Elementi post rinforzo tipo: C8A.7.1 INCAMICIATURA IN C.A.	
Elementi non rinforzati	

Pilas.	Note	Stato	Quota cm	%Af	M_P= 1 r. snell.	X=121.1 Armat. long.	Y=35.9 V N/M	V N sis	Staffe L=cm	V V/T	cls V	V V/T	acc	Rif. cmb
13s=23,m=3	[b=1.0;1.0]	ok,ok	0.0	0.56	0.39	4d20 2+0 d20	0.46	0.052+2d8/15	L=600	0.25	0.24	0.24	0.24	11,29,3,3
			600.0	0.56	0.39	4d20 2+0 d20	0.23	0.032+2d8/15	L=600	0.25	0.24	0.24	0.24	12,29,3,3
					M_P= 2	X=1266.1	Y=35.9							
Pilas.	8s=23,m=3	ok,ok	0.0	0.93	0.39	4d20 2+4 d20	0.33	0.052+2d8/15	L=600	0.24	0.23	0.23	0.23	13,35,3,3
	[b=1.0;1.0]		600.0	0.93	0.39	4d20 2+4 d20	0.15	0.032+2d8/15	L=600	0.24	0.23	0.23	0.23	10,35,3,3
					M_P= 3	X=121.1	Y=445.9							
Pilas.	2s=23,m=3	ok,ok	0.0	0.56	0.46	4d20 2+0 d20	0.34	0.072+2d8/15	L=600	0.25	0.27	0.27	0.27	12,13,16,16
	[b=1.0;1.0]		600.0	0.56	0.46	4d20 2+0 d20	0.49	0.052+2d8/15	L=600	0.25	0.27	0.27	0.27	3,13,16,16
					M_P= 4	X=1266.1	Y=445.9							
Pilas.	10s=23,m=3	ok,ok	0.0	0.56	0.46	4d20 2+0 d20	0.32	0.072+2d8/15	L=600	0.22	0.24	0.24	0.24	10,15,10,10
	[b=1.0;1.0]		600.0	0.56	0.46	4d20 2+0 d20	0.50	0.052+2d8/15	L=600	0.22	0.24	0.24	0.24	3,15,10,10
					M_P= 5	X=121.1	Y=850.9							
Pilas.	74s=23,m=3	ok,ok	0.0	0.56	0.44	4d20 2+0 d20	0.42	0.062+2d8/15	L=600	0.16	0.19	0.19	0.19	24,25,24,24
	[b=1.0;1.0]		600.0	0.56	0.44	4d20 2+0 d20	0.59	0.042+2d8/15	L=600	0.17	0.19	0.19	0.19	3,25,24,24
					M_P= 6	X=1266.1	Y=850.9							
Pilas.	73s=23,m=3	ok,ok	0.0	0.56	0.44	4d20 2+0 d20	0.38	0.062+2d8/15	L=600	0.16	0.19	0.19	0.19	23,23,11,14
	[b=1.0;1.0]		600.0	0.56	0.44	4d20 2+0 d20	0.58	0.042+2d8/15	L=600	0.16	0.19	0.19	0.19	3,23,11,14
					M_P= 7	X=121.1	Y=1255.9							
Pilas.	75s=23,m=3	ok,ok	0.0	0.56	0.44	4d20 2+0 d20	0.42	0.062+2d8/15	L=600	0.14	0.17	0.17	0.17	24,24,16,13
	[b=1.0;1.0]		600.0	0.56	0.44	4d20 2+0 d20	0.58	0.042+2d8/15	L=600	0.15	0.17	0.17	0.17	3,24,16,13
					M_P= 8	X=1266.1	Y=1255.9							
Pilas.	76s=23,m=3	ok,ok	0.0	0.56	0.44	4d20 2+0 d20	0.33	0.062+2d8/15	L=600	0.20	0.21	0.21	0.21	23,18,14,10
	[b=1.0;1.0]		600.0	0.56	0.44	4d20 2+0 d20	0.50	0.042+2d8/15	L=600	0.20	0.21	0.21	0.21	3,18,14,10
					M_P= 9	X=121.1	Y=1660.9							
Pilas.	1s=23,m=3	ok,ok	0.0	0.56	0.46	4d20 2+0 d20	0.33	0.072+2d8/15	L=600	0.24	0.26	0.26	0.26	25,20,25,3
	[b=1.0;1.0]		600.0	0.56	0.46	4d20 2+0 d20	0.45	0.052+2d8/15	L=600	0.24	0.26	0.26	0.26	3,20,25,3
					M_P= 10	X=1266.1	Y=1660.9							
Pilas.	9s=23,m=3	ok,ok	0.0	0.56	0.32	4d20 2+0 d20	0.27	0.092+2d8/15	L=360	0.14	0.19	0.19	0.19	39,29,23,39

	[b=1.0;1.0]		360.0	0.56	0.32	4d20 2+0 d20	0.24	0.082+2d8/15 L=360	0.14	0.19	22,29,23,39	
48s=23,m=3	ok,ok		360.0	0.56	0.17	4d20 2+0 d20	0.19	0.062+2d8/15 L=240	0.31	0.35	22,19,22,22	
	[b=1.0;1.0]		600.0	0.56	0.17	4d20 2+0 d20	0.44	0.052+2d8/15 L=240	0.31	0.35	3,19,22,22	
			M_P= 11 X=1898.5 Y=1660.9									
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
39	s=8,m=3	ok,ok	0.0	2.68	0.49	4d16 4+4 d16	0.11	0.102+2d8/20 L=360	0.10	0.13	23,19,35,3	
	[b=1.0;1.0]		360.0	2.68	0.49	4d16 4+4 d16	0.21	0.082+2d8/20 L=360	0.10	0.13	1,19,35,3	
			M_P= 12 X=121.1 Y=2070.9									
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
59s=23,m=3	ok,ok		0.0	0.56	0.21	4d20 2+0 d20	0.25	0.042+2d8/15 L=360	0.30	0.32	10,24,3,3	
	[b=1.0;1.0]		360.0	0.56	0.21	4d20 2+0 d20	0.14	0.032+2d8/15 L=360	0.30	0.32	3,24,3,3	
58s=23,m=3	ok,ok		360.0	0.56	0.14	4d20 2+0 d20	0.10	0.042+2d8/15 L=240	0.32	0.33	41,28,20,20	
	[b=1.0;1.0]		600.0	0.56	0.14	4d20 2+0 d20	0.19	0.032+2d8/15 L=240	0.32	0.33	33,28,20,20	
			M_P= 13 X=333.9 Y=2070.9									
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
27	s=8,m=3	ok,ok	0.0	1.79	0.55	4d16 2+2 d16	0.10	0.132+2d8/20 L=360	0.10	0.08	37,18,21,21	
	[b=1.0;1.0]		360.0	1.79	0.55	4d16 2+2 d16	0.09	0.122+2d8/20 L=360	0.10	0.08	10,18,21,21	
			M_P= 14 X=921.4 Y=2070.9									
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
30	s=8,m=3	ok,ok	0.0	1.79	0.58	4d16 2+2 d16	0.08	0.132+2d8/20 L=360	0.05	0.04	25,20,21,33	
	[b=1.0;1.0]		360.0	1.79	0.58	4d16 2+2 d16	0.11	0.122+2d8/20 L=360	0.05	0.04	11,20,21,33	
			M_P= 15 X=1266.1 Y=2070.9									
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
32s=23,m=3	ok,ok		0.0	0.56	0.32	4d20 2+0 d20	0.26	0.092+2d8/20 L=360	0.13	0.25	39,30,19,39	
	[b=1.0;1.0]		360.0	0.56	0.32	4d20 2+0 d20	0.18	0.082+2d8/20 L=360	0.13	0.25	39,30,19,39	
36s=23,m=3	ok,ok		360.0	0.56	0.13	4d20 2+0 d20	0.20	0.042+2d8/15 L=240	0.17	0.17	20,30,19,19	
	[b=1.0;1.0]		600.0	0.56	0.13	4d20 2+0 d20	0.18	0.032+2d8/15 L=240	0.17	0.17	32,30,19,19	
			M_P= 16 X=1898.9 Y=2070.9									
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
41s=15,m=3	NV,ok		0.0	0.02	0.13	4d2 16+16 d2	1.67	0.032+2d8/20 L=360	0.18	0.33	33,10,30,18	
	[b=1.0;1.0]		360.0	0.02	0.13	4d2 16+16 d2	1.29	0.022+2d8/20 L=360	0.18	0.33	22,10,30,18	
			M_P= 17 X=962.4 Y=2440.9									
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
214	s=9,m=3	ok,ok	-360.0	2.00	0.63	4d16 2+2 d16	0.05	0.102+2d8/20 L=360	0.03	0.02	1,41,22,1	
	[b=1.0;1.0]		0.0	2.00	0.63	4d16 2+2 d16	0.06	0.092+2d8/20 L=360	0.03	0.02	1,41,22,1	
18	s=9,m=3	ok,ok	0.0	2.00	0.50	4d16 2+2 d16	0.14	0.062+2d8/20 L=360	0.08	0.06	32,37,32,20	
	[b=1.0;1.0]		360.0	2.00	0.50	4d16 2+2 d16	0.13	0.052+2d8/20 L=360	0.08	0.06	32,37,32,20	
			M_P= 18 X=1266.1 Y=2440.9									
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
215	s=8,m=3	ok,ok	-360.0	1.79	0.09	4d16 2+2 d16	0.06	0.14 2+2d8/20 L=51	0.03	0.03	1,32,1,1	
	[b=1.0;1.0]		-308.6	1.79	0.09	4d16 2+2 d16	0.06	0.14 2+2d8/20 L=51	0.03	0.03	1,32,1,1	
231	s=8,m=3	ok,ok	-308.6	1.79	0.07	4d16 2+2 d16	0.05	0.08 2+2d8/20 L=51	0.06	0.05	1,32,1,1	
	[b=1.0;1.0]		-257.1	1.79	0.07	4d16 2+2 d16	0.03	0.08 2+2d8/20 L=51	0.06	0.05	1,32,1,1	
238	s=8,m=3	ok,ok	-257.1	1.79	0.05	4d16 2+2 d16	0.02	0.06 2+2d8/20 L=51	0.01	8.65e-03	1,32,31,31	
	[b=1.0;1.0]		-205.7	1.79	0.05	4d16 2+2 d16	0.02	0.05 2+2d8/20 L=51	0.01	8.65e-03	1,32,31,31	
245	s=8,m=3	ok,ok	-205.7	1.79	0.05	4d16 2+2 d16	0.02	0.04 2+2d8/20 L=51	9.57e-03	7.02e-03	1,32,31,31	
	[b=1.0;1.0]		-154.3	1.79	0.05	4d16 2+2 d16	0.02	0.04 2+2d8/20 L=51	9.57e-03	7.02e-03	1,32,31,31	
252	s=8,m=3	ok,ok	-154.3	1.79	0.04	4d16 2+2 d16	0.02	0.04 2+2d8/20 L=51	9.95e-03	6.98e-03	1,32,31,29	
	[b=1.0;1.0]		-102.9	1.79	0.04	4d16 2+2 d16	0.02	0.04 2+2d8/20 L=51	9.95e-03	6.98e-03	1,32,31,29	
256	s=8,m=3	ok,ok	-102.9	1.79	0.05	4d16 2+2 d16	0.02	0.04 2+2d8/20 L=51	0.02	0.02	1,32,1,1	
	[b=1.0;1.0]		-51.4	1.79	0.05	4d16 2+2 d16	0.02	0.04 2+2d8/20 L=51	0.02	0.02	1,32,1,1	
257	s=8,m=3	ok,ok	-51.4	1.79	0.05	4d16 2+2 d16	0.02	0.05 2+2d8/20 L=51	0.02	0.01	1,32,1,1	
	[b=1.0;1.0]		0.0	1.79	0.05	4d16 2+2 d16	0.02	0.04 2+2d8/20 L=51	0.02	0.01	1,32,1,1	
20	s=8,m=3	ok,ok	0.0	1.79	0.62	4d16 2+2 d16	0.15	0.132+2d8/20 L=360	0.09	0.08	32,19,32,20	
	[b=1.0;1.0]		360.0	1.79	0.62	4d16 2+2 d16	0.14	0.122+2d8/20 L=360	0.09	0.08	32,19,32,20	
			M_P= 19 X=1643.9 Y=2440.9									
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
21	s=8,m=3	ok,ok	0.0	1.79	0.54	4d16 2+2 d16	0.09	0.122+2d8/20 L=360	0.06	0.06	26,41,10,21	
	[b=1.0;1.0]		360.0	1.79	0.54	4d16 2+2 d16	0.09	0.112+2d8/20 L=360	0.06	0.06	18,41,10,21	
			M_P= 20 X=1898.9 Y=2440.9									
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
53	s=8,m=3	ok,ok	0.0	1.79	0.18	4d16 2+2 d16	0.05	0.092+2d8/20 L=143	0.09	0.08	34,11,20,41	
	[b=1.0;1.0]		143.0	1.79	0.18	4d16 2+2 d16	0.09	0.092+2d8/20 L=143	0.09	0.08	25,11,20,41	
45	s=8,m=3	ok,ok	143.0	1.79	0.23	4d16 2+2 d16	0.27	0.072+2d8/20 L=217	0.17	0.15	30,34,18,18	
	[b=1.0;1.0]		360.0	1.79	0.23	4d16 2+2 d16	0.22	0.072+2d8/20 L=217	0.17	0.15	18,34,18,18	
101	s=8,m=3	ok,ok	360.0	1.79	0.09	4d16 2+2 d16	0.12	0.032+2d8/20 L=142	0.15	0.13	18,40,34,34	
	[b=1.0;1.0]		501.9	1.79	0.09	4d16 2+2 d16	0.03	0.032+2d8/20 L=142	0.15	0.13	38,40,34,34	
			M_P= 21 X=2154.5 Y=2440.9									
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
104	s=8,m=3	ok,ok	0.0	1.79	0.10	4d16 2+2 d16	0.10	0.072+2d8/20 L=103	0.14	0.12	38,41,26,34	
	[b=1.0;1.0]		103.0	1.79	0.10	4d16 2+2 d16	0.04	0.072+2d8/20 L=103	0.14	0.12	32,41,26,34	
83	s=8,m=3	ok,ok	103.0	1.79	0.04	4d16 2+2 d16	0.11	0.09 2+2d8/20 L=40	0.28	0.24	17,41,38,38	
	[b=1.0;1.0]		143.0	1.79	0.04	4d16 2+2 d16	0.03	0.09 2+2d8/20 L=40	0.28	0.24	17,41,38,38	
100	s=8,m=3	ok,ok	143.0	1.40	0.29	4d20 0+0 d20	0.12	0.04 2+2d8/3 L=359	0.05	5.47e-03	30,33,30,30	
	[b=1.0;1.0]		501.9	1.40	0.29	4d20 0+0 d20	0.05	0.03 2+2d8/3 L=359	0.05	5.47e-03	10,33,30,30	
			M_P= 22 X=2418.9 Y=2440.9									
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb

102	s=8,m=3	ok,ok	103.0	1.79	0.22	4d16 2+2 d16	0.03	0.072+2d8/20 L=200	0.05	0.04	3,27,32,32	
	[b=1.0;1.0]		303.0	1.79	0.22	4d16 2+2 d16	0.04	0.072+2d8/20 L=200	0.05	0.04	31,27,32,32	
97	s=8,m=3	ok,ok	303.0	1.79	0.29	4d16 2+2 d16	0.12	0.032+2d8/20 L=360	0.05	0.03	29,21,29,29	
	[b=1.0;1.0]		663.0	1.79	0.29	4d16 2+2 d16	0.06	0.022+2d8/20 L=360	0.05	0.03	13,21,29,29	
M_P= 23 X=2733.9 Y=2440.9												
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T	cls V V/T	acc Rif. cmb
107	s=8,m=3	ok,ok	103.0	1.79	0.17	4d16 2+2 d16	0.03	0.052+2d8/20 L=200	0.02	0.02	0.02 32,31,31,31	
	[b=1.0;1.0]		303.0	1.79	0.17	4d16 2+2 d16	0.03	0.042+2d8/20 L=200	0.02	0.02	0.02 21,31,31,31	
108	s=8,m=3	ok,ok	303.0	1.79	0.23	4d16 2+2 d16	0.11	0.022+2d8/20 L=360	0.08	0.06	0.06 26,10,26,26	
	[b=1.0;1.0]		663.0	1.79	0.23	4d16 2+2 d16	0.07	0.012+2d8/20 L=360	0.08	0.06	0.06 3,10,26,26	
M_P= 24 X=962.4 Y=2593.4												
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T	cls V V/T	acc Rif. cmb
218	s=9,m=3	ok,ok	-360.0	2.00	0.55	4d16 2+2 d16	0.04	0.072+2d8/20 L=360	0.03	0.02	0.02 1,40,32,41	
	[b=1.0;1.0]		0.0	2.00	0.55	4d16 2+2 d16	0.04	0.062+2d8/20 L=360	0.03	0.02	0.02 1,40,32,41	
85	s=9,m=3	ok,ok	0.0	2.00	0.49	4d16 2+2 d16	0.11	0.052+2d8/20 L=360	0.06	0.05	0.05 32,40,40,40	
	[b=1.0;1.0]		360.0	2.00	0.49	4d16 2+2 d16	0.12	0.042+2d8/20 L=360	0.06	0.05	0.05 32,40,40,40	
M_P= 25 X=1266.1 Y=2680.9												
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T	cls V V/T	acc Rif. cmb
216	s=8,m=3	ok,ok	-360.0	1.79	0.47	4d16 2+2 d16	0.04	0.092+2d8/20 L=360	0.04	0.03	0.03 1,41,20,25	
	[b=1.0;1.0]		0.0	1.79	0.47	4d16 2+2 d16	0.05	0.082+2d8/20 L=360	0.04	0.03	0.03 1,41,20,25	
43	s=8,m=3	ok,ok	0.0	1.79	0.42	4d16 2+2 d16	0.19	0.062+2d8/20 L=360	0.09	0.07	0.07 32,29,28,20	
	[b=1.0;1.0]		360.0	1.79	0.42	4d16 2+2 d16	0.21	0.052+2d8/20 L=360	0.09	0.07	0.07 32,29,28,20	
M_P= 26 X=1643.9 Y=2680.9												
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T	cls V V/T	acc Rif. cmb
258	s=8,m=3	ok,ok	-360.0	1.79	0.05	4d16 2+2 d16	0.03	0.05 2+2d8/20 L=51	0.04	0.03	0.03 32,32,1,1	
	[b=1.0;1.0]		-308.6	1.79	0.05	4d16 2+2 d16	0.02	0.05 2+2d8/20 L=51	0.04	0.03	0.03 32,32,1,1	
262	s=8,m=3	ok,ok	-308.6	1.79	0.04	4d16 2+2 d16	0.02	0.04 2+2d8/20 L=51	0.04	0.03	0.03 32,32,1,1	
	[b=1.0;1.0]		-257.1	1.79	0.04	4d16 2+2 d16	0.01	0.04 2+2d8/20 L=51	0.04	0.03	0.03 32,32,1,1	
266	s=8,m=3	ok,ok	-257.1	1.79	0.04	4d16 2+2 d16	0.01	0.03 2+2d8/20 L=51	0.03	0.03	0.03 32,40,1,1	
	[b=1.0;1.0]		-205.7	1.79	0.04	4d16 2+2 d16	0.02	0.03 2+2d8/20 L=51	0.03	0.03	0.03 1,40,1,1	
269	s=8,m=3	ok,ok	-205.7	1.79	0.03	4d16 2+2 d16	0.01	0.03 2+2d8/20 L=51	0.03	0.02	0.02 1,40,22,1	
	[b=1.0;1.0]		-154.3	1.79	0.03	4d16 2+2 d16	0.02	0.03 2+2d8/20 L=51	0.03	0.02	0.02 1,40,22,1	
270	s=8,m=3	ok,ok	-154.3	1.79	0.03	4d16 2+2 d16	0.02	0.03 2+2d8/20 L=51	0.02	0.02	0.02 1,40,22,1	
	[b=1.0;1.0]		-102.9	1.79	0.03	4d16 2+2 d16	0.03	0.03 2+2d8/20 L=51	0.02	0.02	0.02 1,40,22,1	
271	s=8,m=3	ok,ok	-102.9	1.79	0.03	4d16 2+2 d16	0.03	0.03 2+2d8/20 L=51	0.03	0.03	0.03 1,40,31,1	
	[b=1.0;1.0]		-51.4	1.79	0.03	4d16 2+2 d16	0.05	0.03 2+2d8/20 L=51	0.03	0.03	0.03 1,40,31,1	
272	s=8,m=3	ok,ok	-51.4	1.79	0.03	4d16 2+2 d16	0.05	0.03 2+2d8/20 L=51	0.11	0.11	0.11 1,40,1,1	
	[b=1.0;1.0]		0.0	1.79	0.03	4d16 2+2 d16	0.12	0.03 2+2d8/20 L=51	0.11	0.11	0.11 1,40,1,1	
23	s=8,m=3	ok,ok	0.0	1.79	0.35	4d16 2+2 d16	0.10	0.072+2d8/20 L=360	0.06	0.06	0.06 34,38,27,22	
	[b=1.0;1.0]		360.0	1.79	0.35	4d16 2+2 d16	0.11	0.062+2d8/20 L=360	0.06	0.06	0.06 19,38,27,22	
M_P= 27 X=1898.9 Y=2680.9												
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T	cls V V/T	acc Rif. cmb
95	s=8,m=3	ok,ok	0.0	1.79	0.17	4d16 2+2 d16	0.03	0.082+2d8/20 L=143	0.06	0.05	0.05 3,18,40,40	
	[b=1.0;1.0]		143.0	1.79	0.17	4d16 2+2 d16	0.04	0.082+2d8/20 L=143	0.06	0.05	0.05 38,18,40,40	
86	s=8,m=3	ok,ok	143.0	1.40	0.29	4d20 0+0 d20	0.14	0.04 2+2d8/3 L=359	0.06	7.07e-03	38,41,22,22	
	[b=1.0;1.0]		501.9	1.40	0.29	4d20 0+0 d20	0.08	0.03 2+2d8/3 L=359	0.06	7.07e-03	19,41,22,22	
M_P= 28 X=2154.5 Y=2680.9												
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T	cls V V/T	acc Rif. cmb
105	s=8,m=3	ok,ok	0.0	1.79	0.10	4d16 2+2 d16	0.04	0.072+2d8/20 L=103	0.10	0.07	0.07 20,40,32,32	
	[b=1.0;1.0]		103.0	1.79	0.10	4d16 2+2 d16	0.04	0.072+2d8/20 L=103	0.10	0.07	0.07 31,40,32,32	
22	s=8,m=3	ok,ok	103.0	1.79	0.04	4d16 2+2 d16	0.15	0.09 2+2d8/20 L=40	0.36	0.36	0.36 20,40,28,28	
	[b=1.0;1.0]		143.0	1.79	0.04	4d16 2+2 d16	0.05	0.09 2+2d8/20 L=40	0.36	0.36	0.36 32,40,28,28	
87	s=8,m=3	ok,ok	143.0	1.79	0.28	4d16 2+2 d16	0.12	0.042+2d8/20 L=359	0.04	0.04	0.04 38,38,22,30	
	[b=1.0;1.0]		501.9	1.79	0.28	4d16 2+2 d16	0.06	0.032+2d8/20 L=359	0.04	0.04	0.04 20,38,22,30	
M_P= 29 X=2418.9 Y=2680.9												
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T	cls V V/T	acc Rif. cmb
103	s=8,m=3	ok,ok	103.0	1.40	0.22	4d20 0+0 d20	0.03	0.07 2+2d8/3 L=200	0.06	7.44e-03	3,34,26,26	
	[b=1.0;1.0]		303.0	1.40	0.22	4d20 0+0 d20	0.06	0.07 2+2d8/3 L=200	0.06	7.44e-03	30,34,26,26	
90	s=8,m=3	ok,ok	303.0	1.79	0.30	4d16 2+2 d16	0.15	0.032+2d8/20 L=360	0.05	0.04	0.04 32,32,32,26	
	[b=1.0;1.0]		663.0	1.79	0.30	4d16 2+2 d16	0.06	0.022+2d8/20 L=360	0.05	0.04	0.04 20,32,32,26	
M_P= 30 X=2733.9 Y=2680.9												
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T	cls V V/T	acc Rif. cmb
106	s=8,m=3	ok,ok	103.0	1.79	0.17	4d16 2+2 d16	0.03	0.042+2d8/20 L=200	0.02	0.02	0.02 32,34,20,32	
	[b=1.0;1.0]		303.0	1.79	0.17	4d16 2+2 d16	0.04	0.042+2d8/20 L=200	0.02	0.02	0.02 21,34,20,32	
109	s=8,m=3	ok,ok	303.0	1.79	0.23	4d16 2+2 d16	0.12	0.022+2d8/20 L=360	0.08	0.06	0.06 34,11,34,32	
	[b=1.0;1.0]		663.0	1.79	0.23	4d16 2+2 d16	0.07	0.012+2d8/20 L=360	0.08	0.06	0.06 19,11,34,32	
M_P= 31 X=962.4 Y=2780.9												
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T	cls V V/T	acc Rif. cmb
213	s=8,m=3	ok,ok	-360.0	1.79	0.39	4d16 2+2 d16	0.04	0.072+2d8/20 L=360	0.02	0.02	1,40,1,1	
	[b=1.0;1.0]		0.0	1.79	0.39	4d16 2+2 d16	0.04	0.062+2d8/20 L=360	0.02	0.02	1,40,1,1	
17	s=8,m=3	ok,ok	0.0	1.79	0.29	4d16 2+2 d16	0.15	0.042+2d8/20 L=360	0.09	0.07	0.07 28,40,32,32	
	[b=1.0;1.0]		360.0	1.79	0.29	4d16 2+2 d16	0.15	0.032+2d8/20 L=360	0.09	0.07	0.07 28,40,32,32	
M_P= 32 X=1266.1 Y=2780.9												
Pilas.	Note	Stato	Quota	%Af	r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T	cls V V/T	acc Rif. cmb
212	s=8,m=3	ok,ok	-360.0	2.68	0.38	4d16 2+6 d16	0.03	0.082+2d8/20 L=360	0.05	0.04	1,38,21,33	
	[b=1.0;1.0]		0.0	2.68	0.38	4d16 2+6 d16	0.03	0.062+2d8/20 L=360	0.05	0.04	0.04 37,38,21,33	
15	s=8,m=3	ok,ok	0.0	2.68	0.27	4d16 2+6 d16	0.12	0.042+2d8/20 L=360	0.07	0.06	0.06 32,38,32,20	

[b=1.0;1.0] 360.0 2.68 0.27 4d16 2+6 d16 0.13 0.032+2d8/20 L=360 0.07 0.06 32,38,32,20

Pilas. %Af r. snell. V N/M V N sis V V/T clsV V/T acc
 2.68 0.63 1.67 0.14 0.36 0.36

< TABELLA VERIFICHE POST-OPERAM >	
Elementi post rinforzo tipo: C8A.7.3 PLACCATURA E FASCIATURA IN MATERIALI COMPOSITI	
Elementi post rinforzo tipo: C8A.7.2 INCAMICIATURA IN ACCIAIO e assimilabili	
Elementi post rinforzo tipo: C8A.7.1 INCAMICIATURA IN C.A.	
Elementi non rinforzati	

Pilas.I	Pilas.S	Nodo	SL	codver. (+)	V + daN	V + af s daN	N + ver. (-)	V - daN	V - af s daN	N - daN	AreaV2 cm2	AreaV3 cm2	Rif. cmb	
1	9	SLV:ok	0.12	0.0	8083.20	0.0	0.10	0.0	8083.20	0.0	3033.0	2805.0	31(3),31(3)	
2	11	SLV:ok	0.13	0.0	8648.82	0.0	0.10	0.0	8648.82	0.0	3033.0	2805.0	27(3),27(3)	
8	12	SLV:ok	0.21	0.0	-1.509e+04	0.0	0.17	0.0	-1.509e+04	0.0	3033.0	2805.0	10(2),10(2)	
9	48	47	SLV:ok	0.0	0.0	0.0	0.18	3074.28	9857.11	11.477e+04	3033.0	1963.5	0(2),24(2)	
10	7	SLV:ok	0.11	0.0	7871.43	0.0	0.10	0.0	7871.43	0.0	3033.0	2805.0	37(3),37(3)	
13	2	SLV:ok	0.22	0.0	1.551e+04	0.0	0.17	0.0	1.551e+04	0.0	3033.0	2805.0	12(2),12(2)	
15	19	SLV:ok	0.47	0.0	-2969.79	0.0	0.09	0.0	-2969.79	0.0	684.0	684.0	40(3),40(3)	
17	21	SLV:ok	0.54	0.0	3391.45	0.0	0.10	0.0	3391.45	0.0	684.0	684.0	20(2),20(2)	
18	23	SLV:ok	0.34	0.0	-2594.61	0.0	0.07	0.0	-2594.61	0.0	834.0	632.0	40(2),40(2)	
21	27	SLV:ok	0.31	0.0	-1988.32	0.0	0.06	0.0	-1988.32	0.0	684.0	684.0	18(2),18(2)	
23	29	SLV:ok	0.53	0.0	-3388.24	0.0	0.10	0.0	-3388.24	0.0	684.0	684.0	19(2),19(2)	
27	35	SLV:ok	0.18	0.0	-1130.07	0.0	0.03	0.0	-1130.07	0.0	684.0	684.0	14(2),14(2)	
30	43	SLV:ok	0.27	0.0	-1704.68	0.0	0.05	0.0	-1704.68	0.0	684.0	684.0	18(2),18(2)	
32	36	44	SLV:ok	0.0	0.0	0.0	0.15	-598.71	9819.68	9024.46	3033.0	1963.5	0(2),35(3)	
36	45	SLV:ok	0.16	0.0	-1.297e+04	0.0	0.16	0.0	-1.297e+04	0.0	3033.0	2805.0	18(2),18(2)	
39	4	SLV:ok	0.68	0.0	-4303.85	0.0	0.13	0.0	-4303.85	0.0	684.0	684.0	23(2),23(2)	
41	6	SLV:ok	0.10	0.0	4114.56	0.0	0.02	0.0	4114.56	0.0	4981.8	4270.6	37(3),37(3)	
43	46	SLV:ok	0.66	0.0	-4185.27	0.0	0.13	0.0	-4185.27	0.0	684.0	684.0	34(3),34(3)	
45	101	51	SLV:ok	0.45	101.32	-3388.49	873.41	0.16	-856.73	-2893.45	2281.56	684.0	684.0	18(2),34(3)
48	13	SLV:ok	0.11	0.0	-7804.72	0.0	0.10	0.0	-7804.72	0.0	3033.0	2805.0	28(3),28(3)	
58	31	SLV:ok	0.16	0.0	1.264e+04	0.0	0.16	0.0	1.264e+04	0.0	3033.0	2805.0	21(2),21(2)	
59	58	49	SLV:ok	4.33e-03	-1079.19	0.0	8771.11	0.16	-1869.34	-9021.59	1.076e+04	3033.0	2805.0	33(3),26(2)
73	55	SLV:ok	0.11	0.0	7702.77	0.0	0.10	0.0	7702.77	0.0	3033.0	2805.0	35(3),35(3)	
74	56	SLV:ok	0.15	0.0	9152.55	0.0	0.11	0.0	9152.55	0.0	3033.0	2805.0	27(3),27(3)	
75	57	SLV:ok	0.14	0.0	-8845.74	0.0	0.10	0.0	-8845.74	0.0	3033.0	2805.0	26(3),26(3)	
76	58	SLV:ok	0.14	0.0	-9014.68	0.0	0.11	0.0	-9014.68	0.0	3033.0	2805.0	40(3),40(3)	
85	66	SLV:ok	0.35	0.0	-2736.35	0.0	0.07	0.0	-2736.35	0.0	834.0	553.0	34(2),34(2)	
86	74	SLV:ok	0.60	0.0	3717.44	0.0	0.12	0.0	3717.44	0.0	672.0	672.0	20(2),20(2)	
87	75	SLV:ok	0.71	0.0	-4494.48	0.0	0.14	0.0	-4494.48	0.0	684.0	684.0	19(2),19(2)	
90	77	SLV:ok	0.81	0.0	5105.21	0.0	0.16	0.0	5105.21	0.0	684.0	684.0	20(2),20(2)	
97	81	SLV:ok	0.74	0.0	4701.48	0.0	0.14	0.0	4701.48	0.0	684.0	684.0	13(2),13(2)	
100	82	SLV:ok	0.62	0.0	-3871.54	0.0	0.12	0.0	-3871.54	0.0	672.0	672.0	14(2),14(2)	
101	73	SLV:ok	0.35	0.0	2248.42	0.0	0.07	0.0	2248.42	0.0	684.0	684.0	17(2),17(2)	
104	83	53	SLV:ok	0.08	1468.01	1.52e-06	1995.10	0.20	-532.17	0.0	6562.89	1026.0	684.0	38(2),41(3)
105	22	68	SLV:ok	0.12	-2895.17	1.38e-06	6029.82	0.21	503.30	0.0	6775.21	1026.0	684.0	20(2),40(3)
108	80	SLV:ok	0.62	0.0	-3912.57	0.0	0.12	0.0	-3912.57	0.0	684.0	684.0	10(2),10(2)	
109	78	SLV:ok	0.65	0.0	-4131.22	0.0	0.13	0.0	-4131.22	0.0	684.0	684.0	19(2),19(2)	
212	15	18	SLV:ok	0.25	527.79	-3114.28	2744.04	0.13	527.79	-3114.28	2744.04	684.0	684.0	40(3),40(3)
213	17	20	SLV:ok	0.34	-583.58	3882.02	2837.19	0.15	-553.08	3722.14	3008.60	684.0	684.0	20(2),32(2)
214	18	22	SLV:ok	0.28	412.56	-3721.88	2890.18	0.13	522.75	-3693.69	3153.83	828.9	553.0	38(2),36(2)
216	43	48	SLV:ok	0.28	608.74	-3892.95	4325.35	0.19	608.74	-3892.95	4325.35	684.0	684.0	40(3),40(3)
218	85	67	SLV:ok	0.19	422.92	-3115.03	3409.46	0.12	432.30	-3122.84	3411.63	834.0	553.0	38(2),34(2)
272	23	28	SLV:ok	0.22	-231.09	2639.78	2867.02	0.19	363.40	2275.05	5125.10	684.0	684.0	24(2),38(2)

Pilas.I	ver. (+)	ver. (-)
	0.0	0.02
	0.81	0.21

Trave	V. SLV	Nodo	Ver. VC	Direz.	N fr daN	V fr daN	M fr daN cm	N dutt daN	LV cm	mud,pl	V cic daN	Cmb
3	ok	25	0.03	2	-440.39	4607.34	-2.039e+05	-440.39	50.49	0.0	5.788e+04	17
		27	0.03	2	-1466.26	-4048.93	-7.618e+04	-1466.26	19.93	0.0	5.992e+04	14
4	ok	33	0.06	2	67.19	-1367.92	-2.923e+04	67.19	240.00	0.0	1.905e+04	21
		72	0.08	2	80.56	1638.11	3.443e+04	80.56	22.78	0.0	2.566e+04	30
5	ok	53	0.09	2	1612.95	-1996.35	-8.784e+04	1612.95	237.43	0.0	1.912e+04	25

		79	0.14	2	-686.16	2960.90	1.043e+05	-686.16	48.08	0.0	2.535e+04	34
6	ok	46	0.15	2	404.36	2317.41	-1.709e+05	404.36	91.04	0.0	1.050e+04	20
		29	0.13	2	-913.33	-1991.59	-1.110e+05	-913.33	66.63	0.0	1.144e+04	19
7	ok	46	0.01	2	-651.25	1060.70	-2.708e+04	-651.25	30.11	0.0	3.483e+04	39
		19	0.02	2	340.35	-1824.22	-9.729e+04	340.35	66.88	0.0	3.340e+04	40
16	ok	21	0.07	2	47.82	1042.22	-1.111e+05	47.82	131.54	0.0	9237.88	20
		19	0.04	2	-115.12	-670.46	-5.096e+04	-115.12	97.25	0.0	1.033e+04	19
19	ok	23	0.02	2	752.82	2778.56	-1.059e+05	752.82	44.41	0.0	5.780e+04	20
		25	0.02	2	-2980.18	-3143.57	-1.652e+05	-2980.18	63.83	0.0	5.849e+04	19
24	ok	35	0.08	2	2804.35	4023.03	-3.787e+05	2804.35	118.29	0.0	2.104e+04	13
		43	0.08	2	4853.79	-4148.43	-3.995e+05	4853.79	120.79	0.0	2.100e+04	10
25	ok	35	0.03	2	-291.12	512.49	-4.372e+04	-291.12	164.89	0.0	8218.17	31
		36	0.0	2	-369.89	-17.38	0.0	-369.89	153.90	0.0	8569.98	41
26	ok	44	0.08	2	-673.23	1198.17	-1.719e+05	-673.23	187.34	0.0	7539.83	39
		25	0.06	2	1948.59	-1021.14	-9.377e+04	1948.59	109.55	0.0	9925.38	40
31	ok	43	0.03	2	836.09	507.09	-4.234e+04	836.09	164.89	0.0	8195.21	39
		42	0.0	2	694.94	9.45	0.0	694.94	164.89	0.0	8195.21	41
35	ok	10	0.27	2	-3199.06	-5639.04	-2.057e+05	-3199.06	396.16	0.0	1.455e+04	41
		32	0.41	2	-586.54	8566.62	9.898e+05	-586.54	155.67	0.0	2.173e+04	38
38	ok	25	0.02	2	-1136.18	1721.33	-6.299e+04	-1136.18	43.81	0.0	3.445e+04	41
		46	0.03	2	783.08	-2018.65	-1.133e+05	783.08	71.98	0.0	3.324e+04	38
40	ok	4	0.06	2	-602.90	447.68	-4.657e+04	-602.90	134.94	0.0	3930.78	31
		6	0.06	2	-904.24	-424.54	-4.417e+04	-904.24	137.98	0.0	3943.88	32
42	ok	44	0.31	2	1912.07	9031.14	-1.026e+06	1912.07	145.42	0.0	1.553e+04	21
		6	0.35	2	-677.70	-1.006e+04	-1.346e+06	-677.70	174.69	0.0	1.508e+04	18
44	ok	26	0.40	2	1258.61	-8531.99	1.279e+06	1258.61	232.23	0.0	1.928e+04	17
		64	0.13	2	574.22	-2652.18	-7.650e+04	574.22	25.93	0.0	2.556e+04	37
46	ok	6	0.07	2	-573.24	489.75	-5.452e+04	-573.24	142.51	0.0	3927.94	41
		51	0.06	2	-1098.65	-408.00	-4.297e+04	-1098.65	143.02	0.0	3950.84	38
47	ok	27	0.02	2	-474.88	2616.44	-8.145e+04	-474.88	34.72	0.0	5.829e+04	21
		51	0.02	2	-1749.73	-2931.20	-2.025e+05	-1749.73	90.71	0.0	5.737e+04	18
49	ok	47	0.21	2	-1594.95	5991.66	-5.891e+05	-1594.95	117.36	0.0	1.636e+04	24
		4	0.20	2	-3316.48	-5859.32	-2.572e+05	-3316.48	47.41	0.0	1.893e+04	23
50	ok	47	0.10	2	-10.78	1576.85	-2.427e+05	-10.78	187.48	0.0	7489.54	41
		44	0.09	2	2004.59	-1460.45	-2.086e+05	2004.59	174.04	0.0	7909.03	38
56	ok	2	0.06	2	788.65	3171.07	-3.577e+05	788.65	153.58	0.0	2.108e+04	27
		11	0.07	2	351.51	-3559.24	-3.242e+05	351.51	109.87	0.0	2.186e+04	28
57	ok	24	0.03	2	1095.30	-220.77	2.008e+04	1095.30	62.43	0.0	1.220e+04	38
		238	0.06	2	1095.30	-447.43	-5701.38	1095.30	13.12	0.0	1.468e+04	38
60	ok	12	0.07	2	608.13	3234.58	-3.680e+05	608.13	154.01	0.0	2.107e+04	29
		7	0.06	2	-5.38	-3178.76	-2.572e+05	-5.38	97.47	0.0	2.208e+04	26
61	ok	11	0.07	2	845.99	3453.69	-3.915e+05	845.99	154.15	0.0	2.107e+04	31
		56	0.07	2	510.43	-3235.32	-3.413e+05	510.43	143.72	0.0	2.126e+04	32
62	ok	7	0.07	2	765.70	3459.81	-4.079e+05	765.70	157.29	0.0	2.102e+04	39
		55	0.06	2	-508.30	-2914.47	-2.543e+05	-508.30	110.53	0.0	2.194e+04	40
63	ok	64	0.30	2	398.57	-6402.50	1.773e+04	398.57	8.28	0.0	2.610e+04	17
		65	0.13	2	-142.07	2652.42	8.558e+04	-142.07	37.58	0.0	2.533e+04	14
64	ok	79	0.13	2	817.49	-2678.02	5.957e+04	817.49	30.23	0.0	2.543e+04	33
		33	0.12	2	-757.56	2486.44	6.866e+04	-757.56	30.96	0.0	2.620e+04	26
67	ok	49	0.08	2	3142.85	-3716.97	5.320e+05	3142.85	132.00	0.0	2.083e+04	18
		35	0.09	2	3142.85	-4674.43	-3.642e+05	3142.85	80.77	0.0	2.161e+04	18
68	ok	13	0.08	2	706.07	3760.16	-4.136e+05	706.07	137.91	0.0	2.136e+04	27
		45	0.06	2	-705.28	-2967.12	-3.348e+05	-705.28	160.77	0.0	2.104e+04	28
70	ok	43	0.09	2	6723.47	4480.71	-4.316e+05	6723.47	126.49	0.0	2.091e+04	20
		44	0.06	2	3451.87	-2730.80	-3.634e+05	3451.87	344.73	0.0	1.829e+04	19
71	ok	57	0.07	2	336.48	3265.99	-3.253e+05	336.48	135.11	0.0	2.141e+04	27
		9	0.07	2	1280.20	-3503.88	-4.485e+05	1280.20	192.16	0.0	2.040e+04	28
72	ok	56	0.07	2	357.66	3397.34	-3.864e+05	357.66	150.15	0.0	2.114e+04	27
		57	0.07	2	1152.47	-3527.03	-4.066e+05	1152.47	150.52	0.0	2.114e+04	28
78	ok	65	0.18	2	576.52	-3709.90	-1.400e+05	576.52	240.00	0.0	1.905e+04	29
		83	0.15	2	-205.68	3092.12	1.042e+05	-205.68	38.54	0.0	2.535e+04	26
79	ok	55	0.07	2	930.07	3207.95	-2.937e+05	930.07	119.64	0.0	2.169e+04	39
		58	0.07	2	-962.63	-3491.97	-3.730e+05	-962.63	142.79	0.0	2.141e+04	40
80	ok	58	0.06	2	951.41	2837.07	-3.067e+05	951.41	153.84	0.0	2.108e+04	41
		13	0.07	2	-1016.62	-3661.79	-4.660e+05	-1016.62	171.26	0.0	2.088e+04	38
82	ok	9	0.08	2	357.20	3866.67	-3.975e+05	357.20	125.01	0.0	2.159e+04	29
		31	0.06	2	845.20	-2951.29	-3.248e+05	845.20	154.09	0.0	2.107e+04	26
84	ok	50	0.38	2	-1999.26	-7932.51	3.207e+05	-1999.26	73.81	0.0	2.498e+04	37
		54	0.35	2	606.66	7299.51	7.043e+05	606.66	405.00	0.0	1.402e+04	34
88	ok	29	0.02	2	337.08	722.77	-3.836e+04	337.08	68.54	0.0	1.363e+04	20
		74	0.02	2	-211.63	-733.75	-4.790e+04	-211.63	91.75	0.0	1.233e+04	19
89	ok	74	0.03	2	524.36	790.14	-4.818e+04	524.36	82.29	0.0	1.279e+04	20
		75	0.03	2	-299.45	-873.77	-5.825e+04	-299.45	89.55	0.0	1.237e+04	19
91	ok	75	0.02	2	-877.07	777.66	-5.297e+04	-877.07	90.68	0.0	1.238e+04	20
		77	0.02	2	933.60	-759.62	-5.057e+04	933.60	88.74	0.0	1.240e+04	19
92	ok	54	0.44	2	-2935.07	-9226.15	3.449e+05	-2935.07	70.49	0.0	2.556e+04	37
		10	0.28	2	235.86	5964.04	3.741e+05	235.86	77.35	0.0	2.400e+04	34

93	ok	77	0.03	2	18.65	962.34	-6.616e+04	18.65	89.69	0.0	1.234e+04	20
		78	0.03	2	-100.48	-870.82	-5.354e+04	-100.48	79.47	0.0	1.297e+04	19
94	ok	81	0.03	2	-26.61	928.14	-6.093e+04	-26.61	85.26	0.0	1.261e+04	13
		80	0.03	2	-145.20	-852.99	-5.071e+04	-145.20	76.57	0.0	1.315e+04	10
96	ok	82	0.02	2	-1028.17	756.40	-5.026e+04	-1028.17	88.66	0.0	1.247e+04	21
		81	0.02	2	808.24	-755.32	-4.960e+04	808.24	87.21	0.0	1.249e+04	18
98	ok	73	0.02	2	-1009.65	661.90	-2.914e+04	-1009.65	55.87	0.0	1.451e+04	17
		82	0.02	2	663.35	-783.11	-5.018e+04	663.35	89.48	0.0	1.235e+04	14
99	ok	27	0.02	2	669.32	635.89	-3.044e+04	669.32	60.56	0.0	1.412e+04	10
		73	0.02	2	-1181.00	-644.75	-3.267e+04	-1181.00	65.15	0.0	1.394e+04	13
110	ok	1	0.46	2	-1332.80	-9694.62	7.765e+04	-1332.80	12.39	0.0	2.947e+04	37
		16	0.45	2	-960.17	9523.16	1.012e+06	-960.17	146.06	0.0	2.212e+04	34
111	ok	8	0.17	2	2662.55	-3518.82	-1.295e+06	2662.55	1145.00	0.0	1.113e+04	17
		15	0.17	2	2914.62	3611.76	3.513e+05	2914.62	112.33	0.0	2.293e+04	14
112	ok	60	0.17	2	2988.14	-3624.49	-1.500e+06	2988.14	1145.00	0.0	1.113e+04	21
		50	0.18	2	3174.93	3782.18	3.447e+05	3174.93	101.35	0.0	2.327e+04	22
113	ok	59	0.16	2	3194.31	-3441.10	-1.422e+06	3194.31	1145.00	0.0	1.113e+04	21
		54	0.18	2	2612.49	3708.79	4.212e+05	2612.49	126.92	0.0	2.249e+04	22
114	ok	5	0.15	2	2408.23	-3074.86	-8.264e+05	2408.23	857.06	0.0	1.113e+04	33
		10	0.26	2	2890.19	5533.07	1.579e+06	2890.19	345.86	0.0	1.582e+04	22
115	ok	39	0.14	2	-2752.59	-2991.76	-8.239e+04	-2752.59	68.95	0.0	2.555e+04	21
		162	0.09	2	-2752.59	-1888.07	-2.502e+05	-2752.59	68.95	0.0	2.555e+04	21
116	ok	30	0.21	2	-1446.11	-4463.26	1.393e+05	-1446.11	72.98	0.0	2.477e+04	41
		34	0.12	2	-2805.08	2449.88	3.465e+05	-2805.08	212.77	0.0	2.030e+04	34
117	ok	34	0.35	2	-1424.89	-7383.43	-619.93	-1424.89	587.50	0.0	1.121e+04	33
		39	0.29	2	-1572.58	6087.63	1.843e+05	-1572.58	32.28	0.0	2.695e+04	18
118	ok	5	0.43	2	-785.95	-9131.75	3.504e+05	-785.95	44.36	0.0	2.558e+04	37
		30	0.38	2	559.20	7979.34	3.455e+05	559.20	55.47	0.0	2.466e+04	18
119	ok	59	0.41	2	-652.99	-8572.78	2.705e+05	-652.99	57.67	0.0	2.496e+04	37
		5	0.40	2	476.76	8511.84	8.507e+05	476.76	142.91	0.0	2.200e+04	34
120	ok	60	0.41	2	-603.78	-8594.44	2.256e+05	-603.78	46.44	0.0	2.536e+04	37
		59	0.40	2	561.91	8401.78	7.660e+05	561.91	125.05	0.0	2.254e+04	34
121	ok	8	0.40	2	-513.38	-8438.15	1.477e+05	-513.38	29.95	0.0	2.600e+04	37
		60	0.40	2	498.87	8440.32	7.254e+05	498.87	121.27	0.0	2.266e+04	38
122	ok	1	0.31	2	-385.45	-6621.14	-2.471e+05	-385.45	339.25	0.0	1.606e+04	17
		8	0.44	2	318.31	9374.79	6.496e+05	318.31	116.72	0.0	2.280e+04	34
123	ok	16	0.30	2	20.74	-6425.03	-2.106e+05	20.74	334.96	0.0	1.616e+04	13
		15	0.45	2	-47.71	9483.61	6.919e+05	-47.71	117.60	0.0	2.278e+04	22
124	ok	15	0.36	2	-116.47	-7608.33	3.251e+05	-116.47	70.45	0.0	2.426e+04	13
		50	0.38	2	722.45	8042.44	7.445e+05	722.45	405.00	0.0	1.402e+04	38
125	ok	66	0.11	2	599.90	1793.44	-8.400e+04	599.90	57.25	0.0	1.158e+04	41
		21	0.09	2	-408.63	-1496.06	-7.609e+04	-408.63	68.93	0.0	1.129e+04	38
126	ok	23	0.07	2	841.75	1182.71	-5.090e+04	841.75	60.96	0.0	1.146e+04	39
		66	0.13	2	-743.85	-2047.14	-9.522e+04	-743.85	54.91	0.0	1.182e+04	40
127	ok	39	0.07	2	-1657.18	567.77	-2.108e+04	-1657.18	42.00	0.0	1.373e+04	41
		22	0.12	2	1060.27	-977.68	-1.005e+05	1060.27	128.12	0.0	8894.96	38
128	ok	22	0.08	2	-844.80	655.90	-4.703e+04	-844.80	90.46	0.0	1.091e+04	39
		67	0.11	2	502.37	-870.07	-6.585e+04	502.37	89.54	0.0	1.083e+04	40
129	ok	67	0.08	2	-492.22	649.18	-3.771e+04	-492.22	69.17	0.0	1.195e+04	41
		20	0.12	2	293.77	-945.10	-7.754e+04	293.77	97.02	0.0	1.046e+04	38
130	ok	20	0.15	2	472.83	1176.50	-1.272e+05	472.83	129.57	0.0	8822.19	20
		18	0.07	2	-152.52	-544.29	-3.021e+04	-152.52	68.77	0.0	1.191e+04	19
131	ok	48	0.19	2	580.18	-1515.82	6.502e+04	580.18	41.09	0.0	1.327e+04	40
		18	0.23	2	580.18	-1815.82	-1.020e+05	580.18	58.19	0.0	1.237e+04	40
132	ok	24	0.04	2	-830.63	355.58	1.415e+04	-830.63	240.00	0.0	5325.61	39
		48	0.11	2	1081.78	-840.07	-6.251e+04	1081.78	88.33	0.0	1.090e+04	40
133	ok	32	0.08	2	-4542.76	671.15	-1.436e+04	-4542.76	21.38	0.0	1.690e+04	17
		200	0.06	2	-4542.76	449.15	2.952e+04	-4542.76	52.62	0.0	1.376e+04	17
134	ok	22	0.12	2	607.08	949.62	-9.603e+04	607.08	126.39	0.0	8981.69	20
		24	0.04	2	-191.45	-281.22	1.959e+04	-191.45	241.70	0.0	5291.18	19
135	ok	10	0.57	2	1462.25	-1.203e+04	1.633e+06	1462.25	220.13	0.0	1.965e+04	25
		3	0.22	2	1728.57	4540.86	-8.920e+04	1728.57	335.47	0.0	1.614e+04	26
136	ok	3	0.19	2	-514.18	-4041.61	-1.142e+05	-514.18	410.00	0.0	1.391e+04	29
		17	0.34	2	1145.48	7084.52	9.180e+05	1145.48	184.22	0.0	2.074e+04	30
137	ok	32	0.52	2	1165.91	-1.099e+04	1.291e+06	1165.91	202.84	0.0	2.018e+04	21
		17	0.27	2	1892.77	5631.54	4.476e+05	1892.77	101.53	0.0	2.326e+04	14
138	ok	17	0.35	2	490.10	-7354.36	7105.39	490.10	3.25	0.0	2.625e+04	37
		64	0.26	2	-934.24	5493.41	5.902e+05	-934.24	370.00	0.0	1.517e+04	34
139	ok	48	0.15	2	1619.62	1154.04	-1.305e+05	1619.62	137.70	0.0	8413.33	32
		28	0.05	2	-384.49	-383.17	3.216e+04	-384.49	322.19	0.0	5296.37	31
140	ok	28	0.20	2	1484.41	-4163.34	1.652e+05	1484.41	47.65	0.0	2.490e+04	17
		71	0.14	2	-570.77	3025.18	4.052e+05	-570.77	255.00	0.0	1.866e+04	10
141	ok	71	0.20	2	707.98	-4266.64	-1.158e+05	707.98	255.56	0.0	1.857e+04	13
		83	0.17	2	-312.49	3599.50	1.825e+05	-312.49	60.44	0.0	2.468e+04	10
142	ok	68	0.08	2	156.30	-1608.41	-1.423e+05	156.30	245.69	0.0	1.887e+04	29
		70	0.15	2	1695.23	3057.48	1.427e+05	1695.23	91.53	0.0	2.356e+04	34
143	ok	70	0.12	2	1096.20	-2463.87	4.766e+04	1096.20	25.10	0.0	2.559e+04	21

		72	0.11	2	1542.30	2298.39	8.699e+04	1542.30	43.33	0.0	2.503e+04	26
210	ok	31	0.01	2	5377.00	2875.59	-6.418e+05	5377.00	288.40	0.0	8.761e+04	21
		45	0.01	2	4723.96	-2900.79	-6.582e+05	4723.96	294.69	0.0	8.748e+04	18
211	ok	2	0.06	2	7354.94	3196.13	-7.874e+05	7354.94	325.45	0.0	1.829e+04	12
		12	0.06	2	7954.02	-3159.06	-7.249e+05	7954.02	295.36	0.0	1.836e+04	11
217	ok	145	0.02	2	5722.11	-418.66	2.776e+05	5722.11	75.55	0.0	2.405e+04	37
		232	0.10	2	6559.87	2089.82	4.297e+05	6559.87	75.55	0.0	2.405e+04	34
219	ok	147	0.07	2	2674.09	1488.68	1.558e+04	2674.09	68.95	0.0	2.425e+04	34
		151	0.16	2	2674.09	3413.79	1.803e+05	2674.09	68.95	0.0	2.425e+04	34
220	ok	147	0.28	2	-72.62	-5892.16	1.298e+05	-72.62	28.45	0.0	2.557e+04	37
		144	0.21	2	-56.16	4437.03	6.124e+04	-56.16	14.69	0.0	2.603e+04	10
221	ok	144	0.08	2	27.10	-1699.28	-8.727e+04	27.10	151.57	0.0	2.174e+04	17
		141	0.12	2	-117.72	2509.81	1.249e+05	-117.72	152.50	0.0	2.173e+04	34
222	ok	141	0.12	2	2.41	-2631.25	2.594e+04	2.41	13.00	0.0	2.595e+04	17
		143	0.11	2	-142.26	2311.33	2.427e+04	-142.26	12.11	0.0	2.636e+04	38
223	ok	143	0.16	2	-93.37	-3315.62	1.183e+04	-93.37	4.17	0.0	2.695e+04	33
		142	0.19	2	406.67	4052.12	2.019e+05	406.67	74.26	0.0	2.409e+04	34
224	ok	148	0.12	2	199.85	-2604.28	-6.468e+04	199.85	100.00	0.0	2.331e+04	37
		142	0.07	2	-382.05	1372.12	-4.657e+04	-382.05	56.59	0.0	2.485e+04	34
225	ok	145	0.31	2	338.22	-6486.84	6.477e+05	338.22	143.51	0.0	2.198e+04	41
		148	0.02	2	32.58	-477.33	-1.210e+05	32.58	87.05	0.0	2.370e+04	17
226	ok	146	0.03	2	570.82	-535.41	-8.719e+04	570.82	74.00	0.0	2.410e+04	29
		194	0.08	2	285.53	1588.47	-3.672e+04	285.53	74.00	0.0	2.410e+04	30
227	ok	144	0.03	2	96.25	-658.24	-1.490e+05	96.25	126.82	0.0	2.249e+04	29
		145	0.36	2	783.36	7578.40	9.504e+05	783.36	184.83	0.0	2.072e+04	34
228	ok	238	0.02	2	1306.77	186.07	-7706.78	1306.77	75.55	0.0	1.154e+04	20
		246	0.01	2	618.46	-105.18	-2771.78	618.46	75.55	0.0	1.154e+04	19
229	ok	162	0.06	2	276.39	1327.32	-6.793e+04	276.39	68.95	0.0	2.425e+04	30
		170	0.12	2	276.39	2459.62	-4.451e+04	276.39	68.95	0.0	2.425e+04	30
230	ok	200	0.04	2	-3309.26	-307.64	3.187e+04	-3309.26	74.00	0.0	1.218e+04	20
		208	0.07	2	-3309.26	-529.65	707.18	-3309.26	74.00	0.0	1.218e+04	20
232	ok	232	0.19	2	4451.03	-4061.40	3.649e+05	4451.03	75.55	0.0	2.405e+04	37
		240	0.10	2	4451.03	-2062.96	1.911e+05	4451.03	75.55	0.0	2.405e+04	37
233	ok	151	0.08	2	1585.03	-1628.69	1.559e+05	1585.03	68.95	0.0	2.425e+04	17
		164	0.02	2	1901.57	376.29	1.348e+05	1901.57	68.95	0.0	2.425e+04	34
234	ok	194	0.01	2	792.22	230.57	-3.743e+04	792.22	47.66	0.0	2.490e+04	38
		202	0.11	2	792.22	2229.58	4.779e+04	792.22	26.34	0.0	2.555e+04	38
235	ok	246	0.02	2	-165.97	167.52	-2887.58	-165.97	21.08	0.0	1.438e+04	14
		254	8.72e-03	2	64.73	-69.33	1020.72	64.73	58.70	0.0	1.238e+04	17
236	ok	170	0.16	2	-1544.51	3331.57	-4.823e+04	-1544.51	17.66	0.0	2.866e+04	34
		178	0.21	2	-1544.51	4472.59	1.743e+05	-1544.51	51.28	0.0	2.577e+04	34
237	ok	208	9.76e-03	2	-557.78	77.61	421.10	-557.78	56.63	0.0	1.262e+04	36
		216	0.02	2	-1265.31	-178.51	-2218.62	-1265.31	14.11	0.0	1.578e+04	35
239	ok	240	0.15	2	3476.70	-3150.46	1.911e+05	3476.70	75.55	0.0	2.405e+04	37
		248	0.06	2	3506.82	-1164.11	3.348e+04	3506.82	75.55	0.0	2.405e+04	29
240	ok	164	0.10	2	1057.03	-2181.86	1.124e+05	1057.03	68.95	0.0	2.425e+04	37
		172	0.01	2	1057.03	-273.15	3.987e+04	1057.03	68.95	0.0	2.425e+04	37
241	ok	202	0.05	2	1908.95	985.30	4.892e+04	1908.95	74.00	0.0	2.410e+04	14
		210	0.14	2	1908.95	2938.27	1.920e+05	1908.95	74.00	0.0	2.410e+04	14
242	ok	254	0.11	2	-1908.50	861.50	1351.48	-1908.50	75.55	0.0	1.186e+04	38
		262	0.08	2	-1908.50	634.84	5.784e+04	-1908.50	75.55	0.0	1.186e+04	38
243	ok	178	0.33	2	-2593.39	6862.50	2.030e+05	-2593.39	68.95	0.0	2.547e+04	18
		186	0.38	2	-2593.39	8005.03	7.149e+05	-2593.39	68.95	0.0	2.547e+04	18
244	ok	216	0.02	2	-420.28	132.91	-2217.58	-420.28	22.39	0.0	1.445e+04	39
		224	0.02	2	917.16	-174.96	-6776.40	917.16	74.00	0.0	1.162e+04	40
246	ok	248	0.11	2	2124.52	-2332.55	3.349e+04	2124.52	15.80	0.0	2.587e+04	29
		256	0.02	2	2124.52	-382.43	-6.879e+04	2124.52	59.75	0.0	2.453e+04	29
247	ok	172	0.09	2	547.16	-1944.13	3.999e+04	547.16	29.10	0.0	2.546e+04	37
		180	7.17e-03	2	577.60	151.05	-1.367e+04	577.60	33.09	0.0	2.534e+04	34
248	ok	210	0.08	2	2333.16	1718.39	1.909e+05	2333.16	74.00	0.0	2.410e+04	34
		218	0.17	2	2333.16	3594.32	3.861e+05	2333.16	74.00	0.0	2.410e+04	34
249	ok	262	0.04	2	-5813.92	-336.94	5.784e+04	-5813.92	75.55	0.0	1.248e+04	38
		26	0.07	2	-5813.92	-563.60	2.376e+04	-5813.92	75.55	0.0	1.248e+04	38
250	ok	186	0.16	2	-7856.72	3334.35	6.850e+05	-7856.72	68.95	0.0	2.792e+04	30
		32	0.21	2	-4711.34	4437.38	9.806e+05	-4711.34	68.95	0.0	2.646e+04	18
251	ok	224	0.06	2	920.06	452.93	-3615.69	920.06	8.03	0.0	1.493e+04	13
		24	0.03	2	920.06	230.93	2.246e+04	920.06	65.98	0.0	1.202e+04	13
253	ok	256	0.08	2	765.29	-1645.58	-6.467e+04	765.29	75.55	0.0	2.405e+04	13
		140	0.02	2	-85.62	372.92	-6.161e+04	-85.62	75.55	0.0	2.409e+04	34
254	ok	180	0.06	2	229.39	-1309.71	-1.911e+04	229.39	68.95	0.0	2.425e+04	37
		146	0.04	2	-32.26	757.63	-2.739e+04	-32.26	68.95	0.0	2.427e+04	34
255	ok	218	0.13	2	5706.85	-2681.02	3.383e+05	5706.85	74.00	0.0	2.410e+04	37
		145	0.03	2	5706.85	-714.86	2.146e+05	5706.85	74.00	0.0	2.410e+04	37
259	ok	148	0.23	2	8.53	-4931.02	6.071e+04	8.53	15.27	0.0	2.589e+04	13
		269	0.25	2	626.27	5195.01	2.131e+05	626.27	46.65	0.0	2.493e+04	26
260	ok	140	7.07e-03	2	432.41	-1489.29	-5.914e+04	432.41	80.00	0.0	8.772e+04	29
		271	7.86e-03	2	-73.25	1656.74	1.559e+04	-73.25	80.00	0.0	8.775e+04	26

261	ok	26	0.01	2	-1585.16	840.68	-3.166e+04	-1585.16	45.83	0.0	3.450e+04	18
		277	7.55e-03	2	-1585.16	600.68	1.951e+04	-1585.16	34.17	0.0	3.501e+04	18
263	ok	271	4.46e-03	2	365.16	-939.65	-8282.83	365.16	56.78	0.0	8.834e+04	29
		279	0.01	2	256.98	2155.16	8.207e+04	256.98	80.00	0.0	8.772e+04	26
264	ok	89	2.51e-03	2	-408.69	-199.87	3761.87	-408.69	18.47	0.0	3.520e+04	20
		285	4.02e-03	2	-408.69	-319.87	-5670.02	-408.69	21.53	0.0	3.506e+04	20
265	ok	277	2.89e-03	2	-972.36	-229.83	1.520e+04	-972.36	40.00	0.0	3.455e+04	34
		89	4.40e-03	2	-972.36	-349.83	3593.84	-972.36	40.00	0.0	3.455e+04	34
267	ok	279	5.76e-03	2	500.35	-1214.18	1.879e+04	500.35	34.67	0.0	8.892e+04	37
		269	4.22e-03	2	893.77	888.98	6.528e+04	893.77	80.00	0.0	8.772e+04	34
268	ok	285	2.66e-03	2	389.21	211.47	-7497.53	389.21	80.00	0.0	3.299e+04	34
		28	1.45e-03	2	-619.29	-115.36	199.03	-619.29	80.00	0.0	3.309e+04	37

Trave Ver. VC
0.57

< TABELLA VERIFICHE POST-OPERAM >	
Elementi post rinforzo tipo: C8A.7.3 PLACCATURA E FASCIATURA IN MATERIALI COMPOSITI	
Elementi post rinforzo tipo: C8A.7.2 INCAMICIATURA IN ACCIAIO e assimilabili	
Elementi post rinforzo tipo: C8A.7.1 INCAMICIATURA IN C.A.	
Elementi non rinforzati	

Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	M_T= 88	Z=-360.0	P=17	P=18	Staffe	Rif. cmb
		cm						V N/M	V V/T cls	V V/T acc		L=cm	
227	ok,NV	0.0	0.29	16.1	16.1	0.0	0.05	0.03	0.03	0.02		2d8/30 L=277	1,1,29
	s=19,m=3	303.7	0.29	16.1	16.1	0.0	0.06	0.22	0.15	0.37		2d8/30 L=277	1,1,1
217	ok,NV	0.0	0.29	16.1	16.1	0.0	0.06	0.09	0.06	0.01		2d8/30 L=61	1,26,37
	s=19,m=3	75.6	0.29	16.1	16.1	0.0	0.06	0.11	0.08	0.09		2d8/30 L=61	1,26,1
232	ok,NV	0.0	0.29	16.1	16.1	0.0	0.06	0.11	0.09	0.19		2d8/30 L=76	1,26,1
	s=19,m=3	75.6	0.29	16.1	16.1	0.0	0.06	0.05	0.06	0.09		2d8/30 L=76	1,26,1
239	ok,NV	0.0	0.29	16.1	16.1	0.0	0.06	0.05	0.08	0.15		2d8/30 L=76	1,26,1
	s=19,m=3	75.6	0.29	16.1	16.1	0.0	0.06	0.01	0.05	0.05		2d8/30 L=76	1,26,1
246	ok,NV	0.0	0.29	16.1	16.1	0.0	0.06	0.01	0.06	0.11		2d8/30 L=76	1,26,1
	s=19,m=3	75.6	0.29	16.1	16.1	0.0	0.05	0.01	0.04	0.01		2d8/30 L=76	29,26,29
253	ok,NV	0.0	0.29	16.1	16.1	0.0	0.05	0.01	0.05	0.08		2d8/30 L=76	29,26,1
	s=19,m=3	75.6	0.29	16.1	16.1	0.0	0.05	0.02	0.04	0.02		2d8/30 L=76	1,26,1
								M_T= 89	Z=-360.0	N=146	N=147		
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
219	ok,NV	0.0	0.29	16.1	16.1	0.0	0.06	3.59e-03	0.14	0.07		2d8/30 L=69	1,1,1
	s=19,m=3	68.9	0.29	16.1	16.1	0.0	0.06	0.05	0.18	0.17		2d8/30 L=69	1,1,1
233	ok,NV	0.0	0.29	16.1	16.1	0.0	0.06	0.05	0.12	0.08		2d8/30 L=69	1,1,1
	s=19,m=3	68.9	0.29	16.1	16.1	0.0	0.06	0.03	0.10	0.02		2d8/30 L=69	1,1,1
240	ok,NV	0.0	0.29	16.1	16.1	0.0	0.06	0.03	0.12	0.11		2d8/30 L=69	1,1,1
	s=19,m=3	68.9	0.29	16.1	16.1	0.0	0.06	0.01	0.08	0.01		2d8/30 L=69	1,1,1
247	ok,NV	0.0	0.29	16.1	16.1	0.0	0.06	0.01	0.10	0.10		2d8/30 L=69	1,1,1
	s=19,m=3	68.9	0.29	16.1	16.1	0.0	0.05	4.34e-03	0.06	5.31e-03		2d8/30 L=69	1,1,34
254	ok,NV	0.0	0.29	16.1	16.1	0.0	0.05	4.30e-03	0.08	0.07		2d8/30 L=69	1,1,1
	s=19,m=3	68.9	0.29	16.1	16.1	0.0	0.05	0.01	0.07	0.03		2d8/30 L=69	1,1,1
								M_T= 90	Z=-360.0	P=17	P=31		
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	ok,NV	0.0	0.29	16.1	16.1	0.0	0.06	0.04	0.16	0.30		2d8/30 L=339	1,1,1
	s=19,m=3	372.3	0.29	16.1	16.1	0.0	0.06	0.03	0.13	0.21		2d8/30 L=339	37,1,1
221	ok,NV	0.0	0.29	16.1	16.1	0.0	0.06	0.02	0.06	0.07		2d8/30 L=117	34,1,1
	s=19,m=3	152.5	0.29	16.1	16.1	0.0	0.06	0.02	0.07	0.11		2d8/30 L=117	34,1,1
222	ok,NV	0.0	0.29	16.1	16.1	0.0	0.06	0.03	0.07	0.12		2d8/30 L=155	34,1,1
	s=19,m=3	187.5	0.29	16.1	16.1	0.0	0.06	4.47e-03	0.06	0.08		2d8/30 L=155	30,1,1
								M_T= 91	Z=-360.0	P=31	P=32		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc		Staffe	Rif. cmb
223	ok,NV	0.0	0.29	16.1	16.1	0.0	0.06	6.10e-03	0.07	0.14		2d8/30 L=274	10,1,1
	s=19,m=3	303.7	0.29	16.1	16.1	0.0	0.06	0.04	0.09	0.19		2d8/30 L=274	1,1,1
								M_T= 92	Z=-360.0	P=18	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
226	ok,NV	0.0	0.29	16.1	16.1	0.0	0.05	0.02	0.04	0.03		2d8/30 L=74	1,1,1
	s=19,m=3	74.0	0.29	16.1	16.1	0.0	0.05	0.01	0.06	0.08		2d8/30 L=74	1,1,1
234	ok,NV	0.0	0.29	16.1	16.1	0.0	0.05	0.01	0.03	8.36e-03		2d8/30 L=74	1,1,5
	s=19,m=3	74.0	0.29	16.1	16.1	0.0	0.06	0.01	0.07	0.11		2d8/30 L=74	1,1,1
241	ok,NV	0.0	0.29	16.1	16.1	0.0	0.06	0.01	0.05	0.04		2d8/30 L=74	1,1,1
	s=19,m=3	74.0	0.29	16.1	16.1	0.0	0.06	0.05	0.09	0.15		2d8/30 L=74	1,1,1
248	ok,NV	0.0	0.29	16.1	16.1	0.0	0.06	0.05	0.07	0.07		2d8/30 L=74	1,1,1

	s=19,m=3	74.0	0.29	16.1	16.1	0.0	0.06	0.09	0.10	0.17	2d8/30 L=74	1,1,1
255	ok,NV	0.0	0.29	16.1	16.1	0.0	0.06	0.09	0.09	0.11	2d8/30 L=59	1,1,1
	s=19,m=3	74.0	0.29	16.1	16.1	0.0	0.06	0.07	0.05	0.03	2d8/30 L=59	1,1,37
225	ok,NV	0.0	0.29	16.1	16.1	0.0	0.06	0.17	0.14	0.31	2d8/30 L=210	1,1,1
	s=19,m=3	240.0	0.29	16.1	16.1	0.0	0.06	0.03	0.04	0.02	2d8/30 L=210	37,26,17
224	ok,NV	0.0	0.29	16.1	16.1	0.0	0.06	0.02	0.16	0.10	2d8/30 L=70	34,1,1
	s=19,m=3	100.0	0.29	16.1	16.1	0.0	0.05	0.01	0.13	0.05	2d8/30 L=70	1,1,34
M_T= 93 Z=-360.0 P=25 P=26												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
259	ok,NV	0.0	0.29	16.1	16.1	0.0	0.06	0.05	0.12	0.23	2d8/30 L=348	26,1,1
	s=19,m=3	377.8	0.29	16.1	16.1	0.0	0.06	0.04	0.12	0.21	2d8/30 L=348	26,26,1
M_T= 94 Z=-360.0 N=140 N=269												
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
260	ok,NV	0.0	0.18	10.0	10.0	0.0	0.05	0.02	0.08	5.24e-03	2d8/3 L=80	29,1,29
	s=19,m=3	80.0	0.18	10.0	10.0	0.0	0.05	4.26e-03	0.08	5.83e-03	2d8/3 L=80	26,3,26
263	ok,NV	0.0	0.18	10.0	10.0	0.0	0.05	4.27e-03	0.08	3.30e-03	2d8/3 L=80	26,29,29
	s=19,m=3	80.0	0.18	10.0	10.0	0.0	0.05	0.02	0.09	7.58e-03	2d8/3 L=80	26,3,26
267	ok,NV	0.0	0.18	10.0	10.0	0.0	0.05	0.02	0.10	5.33e-03	2d8/3 L=65	26,29,1
	s=19,m=3	80.0	0.18	10.0	10.0	0.0	0.05	0.02	0.09	4.25e-03	2d8/3 L=65	26,29,1
M_T= 2 Z=103.0 P=23 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
4	ok,NV	0.0	0.29	16.1	16.1	0.0	0.06	6.26e-03	0.07	0.06	2d8/30 L=210	29,29,3
	s=19,m=3	240.0	0.29	16.1	16.1	0.0	0.06	6.07e-03	0.07	0.07	2d8/30 L=210	26,26,3
M_T= 3 Z=103.0 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
5	ok,NV	0.0	0.29	16.1	16.1	0.0	0.06	0.02	0.05	0.09	2d8/30 L=234	17,26,1
	s=19,m=3	264.4	0.29	16.1	16.1	0.0	0.06	0.02	0.07	0.11	2d8/30 L=234	3,26,3
64	ok,NV	0.0	0.29	16.1	16.1	0.0	0.06	0.02	0.05	0.12	2d8/30 L=285	3,3,3
	s=19,m=3	315.0	0.29	16.1	16.1	0.0	0.06	0.02	0.04	0.09	2d8/30 L=285	29,26,26
M_T= 15 Z=0.0 P=2 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
123	ok,NV	0.0	0.29	16.1	16.1	0.0	0.06	0.05	0.15	0.26	2d8/30 L=365	37,1,1
	s=19,m=3	410.0	0.29	16.1	16.1	0.0	0.06	0.18	0.22	0.47	2d8/30 L=365	1,1,1
124	ok,NV	0.0	0.29	16.1	16.1	0.0	0.06	0.16	0.13	0.35	2d8/30 L=367	34,13,1
	s=19,m=3	405.0	0.29	16.1	16.1	0.0	0.06	0.18	0.15	0.38	2d8/30 L=367	1,3,1
84	ok,NV	0.0	0.29	16.1	16.1	0.0	0.06	0.17	0.20	0.37	2d8/30 L=375	1,3,1
	s=19,m=3	405.0	0.29	16.1	16.1	0.0	0.06	0.16	0.18	0.34	2d8/30 L=375	1,1,1
92	ok,NV	0.0	0.29	16.1	16.1	0.0	0.06	0.17	0.40	0.41	2d8/30 L=368	1,3,1
	s=19,m=3	405.0	0.29	16.1	16.1	0.0	0.06	0.08	0.33	0.24	2d8/30 L=368	37,3,1
35	ok,NV	0.0	0.29	16.1	16.1	0.0	0.06	0.03	0.16	0.27	2d8/30 L=365	1,1,1
	s=19,m=3	410.0	0.29	16.1	16.1	0.0	0.06	0.17	0.18	0.33	2d8/30 L=365	34,1,1
133	NV,NV	0.0	1.34	16.1	16.1	0.0	0.16	7.16e-03	0.11	0.07	2d8/30 L=52	29,1,5
	s=6,m=3	74.0	1.34	16.1	16.1	0.0	0.16	0.02	0.10	0.05	2d8/30 L=52	5,1,5
230	NV,NV	0.0	1.34	16.1	16.1	0.0	0.16	0.02	0.04	0.03	2d8/30 L=74	5,1,20
	s=6,m=3	74.0	1.34	16.1	16.1	0.0	0.16	1.30e-03	0.06	0.06	2d8/30 L=74	27,1,5
237	NV,NV	0.0	1.34	16.1	16.1	0.0	0.16	1.32e-03	0.02	7.48e-03	2d8/30 L=74	27,1,3
	s=6,m=3	74.0	1.34	16.1	16.1	0.0	0.16	1.74e-03	0.02	0.02	2d8/30 L=74	1,1,1
244	NV,NV	0.0	1.34	16.1	16.1	0.0	0.16	1.76e-03	8.89e-03	0.01	2d8/30 L=74	1,13,39
	s=6,m=3	74.0	1.34	16.1	16.1	0.0	0.16	3.27e-03	0.01	0.02	2d8/30 L=74	40,1,1
251	NV,NV	0.0	1.34	16.1	16.1	0.0	0.16	3.30e-03	0.04	0.06	2d8/30 L=59	40,1,1
	s=6,m=3	74.0	1.34	16.1	16.1	0.0	0.16	0.02	0.03	0.04	2d8/30 L=59	1,1,1
132	ok,NV	0.0	1.34	16.1	16.1	0.0	0.16	0.03	0.06	0.03	2d8/30 L=210	40,18,39
	s=6,m=3	240.0	1.34	16.1	16.1	0.0	0.16	0.03	0.08	0.08	2d8/30 L=210	40,30,40
131	ok,NV	0.0	1.34	16.1	16.1	0.0	0.16	0.03	0.16	0.14	2d8/30 L=70	1,32,40
	s=6,m=3	100.0	1.34	16.1	16.1	0.0	0.16	0.05	0.17	0.17	2d8/30 L=70	40,32,40
M_T= 17 Z=0.0 P=17 P=21												
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
134	ok,NV	0.0	1.34	16.1	16.1	0.0	0.16	0.05	0.10	0.10	2d8/30 L=277	20,1,1
	s=6,m=3	303.7	1.34	16.1	16.1	0.0	0.16	0.03	0.05	0.03	2d8/30 L=277	1,35,19
57	NV,NV	0.0	1.34	16.1	16.1	0.0	0.16	0.02	0.04	0.04	2d8/30 L=61	1,1,1
	s=6,m=3	75.6	1.34	16.1	16.1	0.0	0.16	4.07e-03	0.05	0.06	2d8/30 L=61	1,1,1
228	NV,NV	0.0	1.34	16.1	16.1	0.0	0.16	4.06e-03	0.03	0.02	2d8/30 L=76	1,31,3
	s=6,m=3	75.6	1.34	16.1	16.1	0.0	0.16	2.09e-03	0.03	9.79e-03	2d8/30 L=76	1,31,19
235	NV,NV	0.0	1.34	16.1	16.1	0.0	0.16	2.06e-03	0.03	0.02	2d8/30 L=76	1,31,1
	s=6,m=3	75.6	1.34	16.1	16.1	0.0	0.16	7.15e-04	0.02	7.73e-03	2d8/30 L=76	5,31,5
242	NV,NV	0.0	1.34	16.1	16.1	0.0	0.16	7.01e-04	0.06	0.11	2d8/30 L=76	5,32,1
	s=6,m=3	75.6	1.34	16.1	16.1	0.0	0.16	0.04	0.05	0.08	2d8/30 L=76	1,32,1
249	NV,NV	0.0	1.34	16.1	16.1	0.0	0.16	0.04	0.05	0.04	2d8/30 L=61	1,32,5
	s=6,m=3	75.6	1.34	16.1	16.1	0.0	0.16	0.02	0.06	0.06	2d8/30 L=61	1,3,5
44	ok,NV	0.0	0.29	16.1	16.1	0.0	0.06	0.34	0.20	0.37	2d8/30 L=225	1,1,1
	s=19,m=3	255.0	0.29	16.1	16.1	0.0	0.06	0.10	0.10	0.09	2d8/30 L=225	34,3,37
63	ok,NV	0.0	0.29	16.1	16.1	0.0	0.06	0.13	0.25	0.23	2d8/30 L=226	14,29,1
	s=19,m=3	255.6	0.29	16.1	16.1	0.0	0.06	0.04	0.19	0.09	2d8/30 L=226	29,29,14
M_T= 26 Z=0.0 P=21 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
78	ok,NV	0.0	0.29	16.1	16.1	0.0	0.06	0.06	0.15	0.13	2d8/30 L=210	26,29,29
	s=19,m=3	240.0	0.29	16.1	16.1	0.0	0.06	0.02	0.10	0.11	2d8/30 L=210	26,29,26

		M_T= 28						Z=0.0	P=1	P=2		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
110	ok,NV	0.0	0.29	16.1	16.1	0.0	0.06	0.24	0.16	0.42	2d8/30 L=1070	10,3,3
	s=19,m=3	1145.0	0.29	16.1	16.1	0.0	0.06	0.25	0.17	0.43	2d8/30 L=1070	10,3,3
		M_T= 29						Z=0.0	P=3	P=4		
111	ok,NV	0.0	0.29	16.1	16.1	0.0	0.06	0.23	0.07	0.16	2d8/30 L=1070	21,17,3
	s=19,m=3	1145.0	0.29	16.1	16.1	0.0	0.06	0.21	0.07	0.16	2d8/30 L=1070	21,3,3
		M_T= 30						Z=0.0	P=5	P=6		
112	ok,NV	0.0	0.29	16.1	16.1	0.0	0.06	0.26	0.08	0.16	2d8/30 L=1077	25,3,3
	s=19,m=3	1145.0	0.29	16.1	16.1	0.0	0.06	0.22	0.08	0.16	2d8/30 L=1077	21,3,3
		M_T= 31						Z=0.0	P=7	P=8		
113	ok,NV	0.0	0.29	16.1	16.1	0.0	0.06	0.25	0.09	0.16	2d8/30 L=1077	25,3,3
	s=19,m=3	1145.0	0.29	16.1	16.1	0.0	0.06	0.16	0.09	0.16	2d8/30 L=1077	25,3,3
		M_T= 32						Z=0.0	P=9	P=11		
114	ok,NV	0.0	0.29	16.1	16.1	0.0	0.05	0.18	0.08	0.15	2d8/30 L=1070	25,3,3
	s=19,m=3	1145.0	0.29	16.1	16.1	0.0	0.06	0.32	0.12	0.26	2d8/30 L=1070	3,3,3
135	ok,NV	0.0	0.29	16.1	16.1	0.0	0.06	0.51	0.26	0.57	2d8/30 L=580	3,1,1
	s=19,m=3	632.4	0.29	16.1	16.1	0.0	0.05	0.04	0.13	0.21	2d8/30 L=580	3,1,1
		M_T= 33						Z=0.0	P=12	P=16		
116	ok,NV	0.0	0.29	16.1	16.1	0.0	0.06	0.10	0.13	0.19	2d8/30 L=160	18,29,3
	s=19,m=3	212.8	0.29	16.1	16.1	0.0	0.06	0.09	0.11	0.14	2d8/30 L=160	18,1,1
117	ok,NV	0.0	0.29	16.1	16.1	0.0	0.06	0.10	0.15	0.33	2d8/30 L=557	18,3,3
	s=19,m=3	587.5	0.29	16.1	16.1	0.0	0.06	0.05	0.11	0.22	2d8/30 L=557	21,1,1
115	ok,NV	0.0	0.29	16.1	16.1	0.0	0.06	0.02	0.07	0.17	2d8/30 L=54	33,1,1
	s=19,m=3	68.9	0.29	16.1	16.1	0.0	0.05	0.05	0.05	0.12	2d8/30 L=54	3,37,1
229	ok,NV	0.0	0.29	16.1	16.1	0.0	0.05	0.05	0.04	0.05	2d8/30 L=69	3,14,30
	s=19,m=3	68.9	0.29	16.1	16.1	0.0	0.05	0.03	0.05	0.10	2d8/30 L=69	3,14,3
236	ok,NV	0.0	0.29	16.1	16.1	0.0	0.05	0.03	0.06	0.15	2d8/30 L=69	3,14,1
	s=19,m=3	68.9	0.29	16.1	16.1	0.0	0.06	0.03	0.08	0.20	2d8/30 L=69	18,3,3
243	ok,NV	0.0	0.29	16.1	16.1	0.0	0.06	0.03	0.11	0.29	2d8/30 L=69	18,1,1
	s=19,m=3	68.9	0.29	16.1	16.1	0.0	0.06	0.13	0.13	0.34	2d8/30 L=69	1,1,1
250	ok,NV	0.0	0.29	16.1	16.1	0.0	0.06	0.13	0.07	0.15	2d8/30 L=31	1,18,1
	s=19,m=3	68.9	0.29	16.1	16.1	0.0	0.06	0.18	0.09	0.20	2d8/30 L=31	1,3,1
137	ok,NV	0.0	0.29	16.1	16.1	0.0	0.06	0.37	0.23	0.51	2d8/30 L=517	1,1,1
	s=19,m=3	632.8	0.29	16.1	16.1	0.0	0.06	0.10	0.15	0.27	2d8/30 L=517	18,1,1
		M_T= 34						Z=0.0	P=1	P=12		
122	ok,NV	0.0	0.29	16.1	16.1	0.0	0.06	0.06	0.16	0.27	2d8/30 L=365	37,3,1
	s=19,m=3	410.0	0.29	16.1	16.1	0.0	0.06	0.17	0.23	0.46	2d8/30 L=365	1,3,1
121	ok,NV	0.0	0.29	16.1	16.1	0.0	0.06	0.17	0.18	0.38	2d8/30 L=360	34,3,1
	s=19,m=3	405.0	0.29	16.1	16.1	0.0	0.06	0.15	0.19	0.38	2d8/30 L=360	1,3,1
120	ok,NV	0.0	0.29	16.1	16.1	0.0	0.06	0.15	0.15	0.39	2d8/30 L=360	1,1,1
	s=19,m=3	405.0	0.29	16.1	16.1	0.0	0.06	0.13	0.15	0.38	2d8/30 L=360	1,1,1
119	ok,NV	0.0	0.29	16.1	16.1	0.0	0.06	0.13	0.21	0.40	2d8/30 L=360	1,3,1
	s=19,m=3	405.0	0.29	16.1	16.1	0.0	0.06	0.15	0.20	0.38	2d8/30 L=360	34,3,1
118	ok,NV	0.0	0.29	16.1	16.1	0.0	0.06	0.12	0.30	0.43	2d8/30 L=365	3,3,1
	s=19,m=3	410.0	0.29	16.1	16.1	0.0	0.06	0.09	0.26	0.37	2d8/30 L=365	34,3,1
		M_T= 36						Z=0.0	P=14	P=31		
127	ok,NV	0.0	1.34	16.1	16.1	0.0	0.16	0.03	0.05	0.05	2d8/30 L=337	38,1,41
	s=6,m=3	372.3	1.34	16.1	16.1	0.0	0.16	0.05	0.08	0.10	2d8/30 L=337	38,1,1
128	ok,NV	0.0	1.34	16.1	16.1	0.0	0.16	0.02	0.11	0.06	2d8/30 L=117	39,32,39
	s=6,m=3	152.5	1.34	16.1	16.1	0.0	0.16	0.03	0.13	0.08	2d8/30 L=117	40,32,40
129	ok,NV	0.0	1.34	16.1	16.1	0.0	0.16	0.02	0.06	0.06	2d8/30 L=155	38,25,41
	s=6,m=3	187.5	1.34	16.1	16.1	0.0	0.16	0.04	0.07	0.09	2d8/30 L=155	38,28,38
		M_T= 37						Z=0.0	P=31	P=32		
130	ok,NV	0.0	1.34	16.1	16.1	0.0	0.16	0.06	0.07	0.11	2d8/30 L=274	20,20,20
	s=6,m=3	303.7	1.34	16.1	16.1	0.0	0.16	0.04	0.04	0.05	2d8/30 L=274	20,31,19
		M_T= 38						Z=0.0	P=11	P=20		
136	ok,NV	0.0	0.29	16.1	16.1	0.0	0.06	0.02	0.11	0.15	2d8/30 L=395	29,3,3
	s=19,m=3	410.0	0.29	16.1	16.1	0.0	0.06	0.16	0.13	0.27	2d8/30 L=395	26,3,1
138	ok,NV	0.0	0.29	16.1	16.1	0.0	0.06	0.22	0.19	0.27	2d8/30 L=284	34,1,1
	s=19,m=3	370.0	0.29	16.1	16.1	0.0	0.06	0.10	0.16	0.19	2d8/30 L=284	10,18,34
		M_T= 39						Z=0.0	P=25	P=28		
139	ok,NV	0.0	1.34	16.1	16.1	0.0	0.16	0.06	0.09	0.12	2d8/30 L=348	20,3,1
	s=6,m=3	377.8	1.34	16.1	16.1	0.0	0.16	0.05	0.05	0.04	2d8/30 L=348	1,33,31
140	ok,NV	0.0	0.29	16.1	16.1	0.0	0.06	0.06	0.09	0.16	2d8/30 L=225	1,29,1
	s=19,m=3	255.0	0.29	16.1	16.1	0.0	0.06	0.07	0.10	0.12	2d8/30 L=225	10,26,3
141	ok,NV	0.0	0.29	16.1	16.1	0.0	0.06	0.07	0.09	0.15	2d8/30 L=226	10,13,13

	s=19,m=3	255.6	0.29	16.1	16.1	0.0	0.06	0.03	0.10	0.13	2d8/30 L=226	10,26,10
							M_T= 40	Z=103.0	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
142	ok,NV	0.0	0.29	16.1	16.1	0.0	0.06	0.02	0.05	0.06	2d8/30 L=234	29,26,3
	s=19,m=3	264.4	0.29	16.1	16.1	0.0	0.06	0.03	0.07	0.12	2d8/30 L=234	30,26,3
143	ok,NV	0.0	0.29	16.1	16.1	0.0	0.06	0.03	0.05	0.11	2d8/30 L=285	30,3,3
	s=19,m=3	315.0	0.29	16.1	16.1	0.0	0.06	0.02	0.04	0.08	2d8/30 L=285	26,26,26
							M_T= 95	Z=0.0	P=19	P=26		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
261	NV,NV	0.0	0.83	10.0	10.0	0.0	0.15	0.03	0.11	9.13e-03	2d8/3 L=65	1,1,1
	s=6,m=3	80.0	0.83	10.0	10.0	0.0	0.15	0.01	0.09	6.23e-03	2d8/3 L=65	10,1,1
265	NV,NV	0.0	0.83	10.0	10.0	0.0	0.15	0.01	0.07	2.14e-03	2d8/3 L=40	1,18,34
	s=6,m=3	40.0	0.83	10.0	10.0	0.0	0.15	7.37e-03	0.07	3.26e-03	2d8/3 L=40	13,18,34
264	NV,NV	0.0	0.83	10.0	10.0	0.0	0.15	5.87e-03	0.07	1.86e-03	2d8/3 L=40	39,1,20
	s=6,m=3	40.0	0.83	10.0	10.0	0.0	0.15	4.69e-03	0.08	2.98e-03	2d8/3 L=40	32,1,20
268	NV,NV	0.0	0.83	10.0	10.0	0.0	0.15	5.77e-03	0.22	2.28e-03	2d8/3 L=65	34,1,1
	s=6,m=3	80.0	0.83	10.0	10.0	0.0	0.15	5.28e-03	0.21	1.07e-03	2d8/3 L=65	32,1,37
							M_T= 1	Z=360.0	P=17	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
19	ok,NV	0.0	0.36	10.0	10.0	0.0	0.07	0.04	0.09	0.02	2d8/3 L=277	20,1,1
	s=7,m=3	303.7	0.36	10.0	10.0	0.0	0.07	0.09	0.11	0.02	2d8/3 L=277	1,1,1
3	ok,NV	0.0	0.48	10.0	10.0	0.0	0.08	0.11	0.22	0.04	2d8/3 L=348	1,40,1
	s=12,m=3	377.8	0.48	10.0	10.0	0.0	0.08	0.05	0.21	0.04	2d8/3 L=348	1,40,1
47	ok,NV	0.0	0.48	10.0	10.0	0.0	0.08	0.03	0.11	0.02	2d8/3 L=225	21,31,1
	s=12,m=3	255.0	0.48	10.0	10.0	0.0	0.08	0.08	0.11	0.02	2d8/3 L=225	18,32,1
							M_T= 4	Z=507.6	P=25	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
6	ok,ok	0.0	0.83	10.0	10.0	0.0	0.15	0.13	0.22	0.15	2d8/15 L=348	20,32,1
	s=6,m=3	377.8	0.83	10.0	10.0	0.0	0.15	0.08	0.20	0.13	2d8/15 L=348	19,1,1
88	ok,NV	0.0	1.85	10.0	10.0	0.0	0.37	0.11	0.15	0.02	2d8/3 L=266	3,32,3
	s=16,m=3	291.8	1.85	10.0	10.0	0.0	0.37	0.11	0.14	0.02	2d8/3 L=266	3,3,3
89	ok,NV	0.0	1.85	10.0	10.0	0.0	0.37	0.11	0.14	0.02	2d8/3 L=226	20,32,3
	s=16,m=3	255.6	1.85	10.0	10.0	0.0	0.37	0.13	0.15	0.03	2d8/3 L=226	19,31,3
91	ok,NV	0.0	1.85	10.0	10.0	0.0	0.37	0.13	0.15	0.03	2d8/3 L=284	3,32,3
	s=16,m=3	309.7	1.85	10.0	10.0	0.0	0.37	0.12	0.15	0.02	2d8/3 L=284	3,34,3
93	ok,NV	0.0	1.85	10.0	10.0	0.0	0.37	0.17	0.17	0.03	2d8/3 L=285	3,32,3
	s=16,m=3	315.0	1.85	10.0	10.0	0.0	0.37	0.12	0.15	0.03	2d8/3 L=285	19,3,3
							M_T= 5	Z=360.0	P=10	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
50	ok,ok	0.0	0.83	10.0	10.0	0.0	0.15	0.19	0.15	0.07	2d8/15 L=365	41,35,41
	s=6,m=3	410.0	0.83	10.0	10.0	0.0	0.15	0.16	0.15	0.07	2d8/15 L=365	38,22,38
26	ok,ok	0.0	0.83	10.0	10.0	0.0	0.15	0.13	0.09	0.06	2d8/15 L=333	39,25,39
	s=6,m=3	370.0	0.83	10.0	10.0	0.0	0.15	0.07	0.11	0.05	2d8/15 L=333	40,20,40
38	ok,NV	0.0	0.83	10.0	10.0	0.0	0.15	0.05	0.14	0.02	2d8/3 L=210	39,1,1
	s=6,m=3	240.0	0.83	10.0	10.0	0.0	0.15	0.09	0.16	0.02	2d8/3 L=210	38,1,1
7	ok,NV	0.0	0.83	10.0	10.0	0.0	0.15	0.02	0.22	9.88e-03	2d8/3 L=70	40,1,39
	s=6,m=3	100.0	0.83	10.0	10.0	0.0	0.15	0.07	0.27	0.02	2d8/3 L=70	40,1,40
							M_T= 9	Z=360.0	P=31	P=32		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
16	ok,ok	0.0	0.83	10.0	10.0	0.0	0.15	0.09	0.06	0.05	2d8/15 L=274	20,25,20
	s=6,m=3	303.7	0.83	10.0	10.0	0.0	0.15	0.05	0.04	0.03	2d8/15 L=274	20,31,19
							M_T= 10	Z=360.0	P=12	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
67	NV,ok	0.0	0.56	10.1	4.0	0.0	0.14	0.26	0.21	0.06	4d8/15 L=160	18,18,18
	s=5,m=3	212.8	0.56	10.1	4.0	0.0	0.07	0.71	0.24	0.07	4d8/15 L=160	3,18,3
24	NV,ok	0.0	0.56	10.1	4.0	0.0	0.07	0.73	0.20	0.10	4d8/15 L=557	1,1,1
	s=5,m=3	587.5	0.56	10.1	4.0	0.0	0.07	0.81	0.21	0.10	4d8/15 L=557	1,1,1
70	NV,ok	0.0	0.56	10.1	4.0	0.0	0.07	0.82	0.20	0.08	4d8/15 L=292	1,1,1
	s=5,m=3	344.7	0.56	10.1	4.0	0.0	0.14	0.52	0.13	0.05	4d8/15 L=292	11,1,1
42	ok,ok	0.0	0.48	10.0	10.0	0.0	0.08	0.49	0.36	0.36	2d8/15 L=517	1,1,1
	s=12,m=3	632.8	0.48	10.0	10.0	0.0	0.08	0.70	0.40	0.40	2d8/15 L=517	1,1,1
							M_T= 11	Z=360.0	N=35	N=36		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
25	ok,ok	0.0	0.83	10.0	10.0	0.0	0.15	0.04	0.06	0.03	2d8/15 L=150	1,25,1
	s=6,m=3	164.9	0.83	10.0	10.0	0.0	0.15	1.59e-03	0.03	8.30e-04	2d8/15 L=150	41,25,31
							M_T= 14	Z=360.0	N=42	N=43		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
31	ok,ok	0.0	0.83	10.0	10.0	0.0	0.15	0.04	0.03	0.03	2d8/15 L=150	1,3,1
	s=6,m=3	164.9	0.83	10.0	10.0	0.0	0.15	0.01	2.73e-03	5.79e-04	2d8/15 L=150	39,20,39
							M_T= 16	Z=360.0	P=11	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
40	ok,NV	0.0	1.67	10.0	10.0	0.0	0.32	0.09	0.18	0.05	2d8/15 L=395	31,1,31
	s=17,m=3	410.0	1.67	10.0	10.0	0.0	0.32	0.08	0.17	0.04	2d8/15 L=395	32,1,32
46	ok,NV	0.0	1.67	10.0	10.0	0.0	0.32	0.10	0.07	0.05	2d8/15 L=284	41,23,41
	s=17,m=3	370.0	1.67	10.0	10.0	0.0	0.32	0.08	0.07	0.04	2d8/15 L=284	38,22,38
							M_T= 18	Z=360.0	P=10	P=11		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb

49	ok,ok	0.0	0.48	10.0	10.0	0.0	0.08	0.23	0.26	0.23	2d8/15 L=580	24,1,1
	s=12,m=3	632.4	0.48	10.0	10.0	0.0	0.08	0.11	0.24	0.22	2d8/15 L=580	1,1,1
M_T= 21 Z=600.0 P=1 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
56	NV,ok	0.0	0.30	10.1	4.0	0.0	0.09	0.42	0.27	0.05	4d8/15 L=365	31,17,27
	s=4,m=3	410.0	0.30	10.1	4.0	0.0	0.09	0.38	0.28	0.05	4d8/15 L=365	28,17,28
61	NV,ok	0.0	0.30	10.1	4.0	0.0	0.09	0.50	0.17	0.05	4d8/15 L=360	33,14,31
	s=4,m=3	405.0	0.30	10.1	4.0	0.0	0.09	0.40	0.17	0.05	4d8/15 L=360	32,14,32
72	NV,ok	0.0	0.30	10.1	4.0	0.0	0.09	0.45	0.17	0.05	4d8/15 L=360	27,15,27
	s=4,m=3	405.0	0.30	10.1	4.0	0.0	0.09	0.48	0.17	0.05	4d8/15 L=360	32,10,28
71	NV,ok	0.0	0.30	10.1	4.0	0.0	0.09	0.43	0.16	0.05	4d8/15 L=360	29,15,27
	s=4,m=3	405.0	0.30	10.1	4.0	0.0	0.09	0.53	0.16	0.05	4d8/15 L=360	36,10,28
82	NV,ok	0.0	0.30	10.1	4.0	0.0	0.06	0.46	0.25	0.06	4d8/15 L=365	29,25,29
	s=4,m=3	410.0	0.30	10.1	4.0	0.0	0.09	0.38	0.22	0.04	4d8/15 L=365	26,20,26
M_T= 22 Z=600.0 P=2 P=15												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
60	NV,ok	0.0	0.30	10.1	4.0	0.0	0.09	0.43	0.25	0.05	4d8/15 L=365	29,15,3
	s=4,m=3	410.0	0.30	10.1	4.0	0.0	0.09	0.29	0.26	0.05	4d8/15 L=365	26,15,26
62	NV,ok	0.0	0.30	10.1	4.0	0.0	0.09	0.48	0.16	0.05	4d8/15 L=367	39,14,3
	s=4,m=3	405.0	0.30	10.1	4.0	0.0	0.09	0.29	0.14	0.04	4d8/15 L=367	28,14,40
79	NV,ok	0.0	0.30	10.1	4.0	0.0	0.09	0.39	0.15	0.05	4d8/15 L=375	41,10,39
	s=4,m=3	405.0	0.30	10.1	4.0	0.0	0.09	0.41	0.17	0.05	4d8/15 L=375	40,10,40
80	NV,ok	0.0	0.30	10.1	4.0	0.0	0.09	0.36	0.16	0.04	4d8/15 L=368	41,17,41
	s=4,m=3	405.0	0.30	10.1	4.0	0.0	0.06	0.52	0.17	0.06	4d8/15 L=368	30,12,3
68	NV,ok	0.0	0.30	10.1	4.0	0.0	0.06	0.48	0.26	0.06	4d8/15 L=365	27,22,27
	s=4,m=3	410.0	0.30	10.1	4.0	0.0	0.09	0.38	0.24	0.04	4d8/15 L=365	28,22,28
M_T= 27 Z=544.6 P=19 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
99	ok,NV	0.0	1.85	10.0	10.0	0.0	0.37	0.11	0.16	0.02	2d8/3 L=266	3,3,3
	s=16,m=3	291.8	1.85	10.0	10.0	0.0	0.37	0.11	0.17	0.02	2d8/3 L=266	3,3,3
98	ok,NV	0.0	1.85	10.0	10.0	0.0	0.37	0.08	0.19	0.02	2d8/3 L=226	3,3,3
	s=16,m=3	255.6	1.85	10.0	10.0	0.0	0.37	0.12	0.21	0.03	2d8/3 L=226	3,3,3
96	ok,NV	0.0	1.85	10.0	10.0	0.0	0.37	0.12	0.14	0.02	2d8/3 L=284	3,29,3
	s=16,m=3	309.7	1.85	10.0	10.0	0.0	0.37	0.12	0.15	0.02	2d8/3 L=284	3,26,3
94	ok,NV	0.0	1.85	10.0	10.0	0.0	0.37	0.17	0.16	0.03	2d8/3 L=285	3,3,3
	s=16,m=3	315.0	1.85	10.0	10.0	0.0	0.37	0.12	0.15	0.03	2d8/3 L=285	3,26,3
M_T= 35 Z=360.0 P=17 P=31												
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
126	ok,ok	0.0	0.84	10.1	10.0	0.0	0.15	0.06	0.14	0.06	2d8/15 L=117	40,20,39
	s=6,m=3	152.5	0.84	10.1	10.0	0.0	0.15	0.07	0.22	0.10	2d8/15 L=117	40,20,1
125	ok,ok	0.0	0.84	10.1	10.0	0.0	0.15	0.06	0.10	0.09	2d8/15 L=155	41,41,1
	s=6,m=3	187.5	0.84	10.1	10.0	0.0	0.15	0.06	0.08	0.08	2d8/15 L=155	38,1,1
M_T= 86 Z=600.0 P=12 P=15												
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	ok,NV	0.0	0.56	10.0	10.0	0.0	0.09	0.33	0.11	0.01	4d8/3 L=1070	21,3,3
	s=5,m=3	1145.0	0.56	10.0	10.0	0.0	0.09	0.33	0.11	0.01	4d8/3 L=1070	18,1,1
M_T= 87 Z=600.0 P=1 P=2												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
211	NV,ok	0.0	0.56	10.1	4.0	0.0	0.07	1.19	0.11	0.05	4d8/15 L=1070	12,3,3
	s=5,m=3	1145.0	0.56	10.1	4.0	0.0	0.07	1.18	0.11	0.05	4d8/15 L=1070	15,10,5
Trave			%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc		
			1.85	16.08	16.08	0.0	0.37	1.19	0.40	0.57		

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 sopraportati 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	rRfyk	rPfck	per sezioni significative
	wR	wF	wP	per sezioni significative
	dR	dF	dP	massimi in campata
	rRfck	rRfyk	rPfck	massimi nei nodi dell'elemento
setti e gusci	wR	wF	wP	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	0.27	0.12	0.29	8,7,76	600.0	0.44	0.39	0.49	8,8,76
2	0.0	0.23	0.10	0.20	7,7,76	600.0	0.50	0.46	0.49	8,8,76
8	0.0	0.33	0.19	0.36	8,8,76	600.0	0.17	0.07	0.20	7,7,76
9	0.0	0.21	0.09	0.23	7,7,76	360.0	0.27	0.12	0.30	7,7,76
10	0.0	0.25	0.11	0.22	7,7,76	600.0	0.57	0.49	0.58	8,8,76
13	0.0	0.28	0.17	0.31	8,8,76	600.0	0.14	0.06	0.17	7,7,76
15	0.0	0.17	0.06	0.20	7,8,76	360.0	0.20	0.09	0.23	7,7,76
17	0.0	0.16	0.06	0.20	7,8,76	360.0	0.19	0.09	0.22	7,8,76
18	0.0	0.18	0.07	0.21	7,7,76	360.0	0.17	0.06	0.20	7,7,76
20	0.0	0.20	0.09	0.23	7,7,76	360.0	0.21	0.09	0.24	7,7,76
21	0.0	0.11	0.05	0.12	7,7,76	360.0	0.12	0.05	0.12	7,7,76
22	0.0	0.23	0.09	0.25	7,7,76	40.0	0.10	0.04	0.13	8,8,76
23	0.0	0.10	0.04	0.10	7,7,76	360.0	0.12	0.05	0.10	7,7,76
27	0.0	0.21	0.09	0.25	8,8,76	360.0	0.19	0.08	0.21	8,8,76
30	0.0	0.14	0.06	0.18	7,7,76	360.0	0.19	0.08	0.22	7,7,76
32	0.0	0.12	0.06	0.16	7,7,76	360.0	0.18	0.08	0.20	7,7,76

31	0.0	0.04	0.03	0.05	8,7,76	0.0	0.0	0.0	0,0,0	-0.01	-0.01	-0.01	9,74,76
	164.9	5.97e-04	2.88e-04	6.63e-04	8,8,76	0.0	0.0	0.0	0,0,0				
35	0.0	0.02	7.80e-03	5.44e-03	7,7,76	0.0	0.0	0.0	0,0,0	0.04	0.01	0.01	7,74,76
	410.0	0.07	0.08	0.10	9,9,76	0.0	0.0	0.0	0,0,0				
38	0.0	0.02	0.01	0.02	7,7,76	0.0	0.0	0.0	0,0,0	0.07	0.05	0.05	7,74,76
	240.0	0.06	0.05	0.06	7,7,76	0.0	0.0	0.0	0,0,0				
40	0.0	0.09	0.04	0.11	7,7,76	0.0	0.0	0.0	0,0,0	-0.04	-0.03	-0.03	7,74,76
	410.0	0.07	0.03	0.08	8,8,76	0.0	0.0	0.0	0,0,0				
42	0.0	0.32	0.41	0.32	7,7,76	0.09	0.07	0.07	7,74,76	0.27	0.21	0.21	7,74,76
	632.8	0.45	0.58	0.48	7,7,76	0.14	0.12	0.12	7,74,76				
44	0.0	0.20	0.29	0.24	7,7,76	0.0	0.0	0.0	0,0,0	-0.10	-0.08	-0.08	7,74,76
	255.0	0.04	0.07	0.04	7,7,76	0.0	0.0	0.0	0,0,0				
46	0.0	0.10	0.04	0.12	7,7,76	0.0	0.0	0.0	0,0,0	-0.03	-0.02	-0.02	8,74,76
	370.0	0.04	0.01	0.05	8,8,76	0.0	0.0	0.0	0,0,0				
47	0.0	0.02	0.01	0.01	7,7,76	0.0	0.0	0.0	0,0,0	0.10	0.08	0.08	7,74,76
	255.0	0.03	0.02	0.03	7,7,76	0.0	0.0	0.0	0,0,0				
49	0.0	0.13	0.12	0.12	7,7,76	0.0	0.0	0.0	0,0,0	0.40	0.33	0.33	7,74,76
	632.4	0.08	0.06	0.10	8,7,76	0.0	0.0	0.0	0,0,0				
50	0.0	0.04	0.06	0.05	9,9,76	0.0	0.0	0.0	0,0,0	0.03	0.01	0.01	7,74,76
	410.0	0.03	0.05	0.02	7,8,76	0.0	0.0	0.0	0,0,0				
56	0.0	0.05	0.17	0.05	8,8,76	0.0	0.0	0.0	0,0,0	-0.05	-0.04	-0.04	8,74,76
	410.0	0.07	0.22	0.10	9,9,76	0.0	0.0	0.0	0,0,0				
57	0.0	5.99e-03	0.02	5.40e-03	7,7,76	0.0	0.0	0.0	0,0,0	4.32e-03	2.73e-03	2.73e-03	7,74,76
	75.6	0.0	0.01	0.0	7,7,0	0.0	0.0	0.0	0,0,0				
60	0.0	0.08	0.23	0.08	8,8,76	0.0	0.0	0.0	0,0,0	-0.02	-0.01	-0.01	7,74,76
	410.0	0.05	0.15	0.07	9,9,76	0.0	0.0	0.0	0,0,0				
61	0.0	0.09	0.27	0.11	8,8,76	0.0	0.0	0.0	0,0,0	-0.04	-0.03	-0.03	8,74,76
	405.0	0.06	0.19	0.08	9,9,76	0.0	0.0	0.0	0,0,0				
62	0.0	0.10	0.27	0.13	8,8,76	0.0	0.0	0.0	0,0,0	0.01	0.01	0.01	9,74,76
	405.0	0.04	0.11	0.05	9,9,76	0.0	0.0	0.0	0,0,0				
63	0.0	0.06	0.09	0.07	7,7,76	0.0	0.0	0.0	0,0,0	-0.13	-0.11	-0.11	7,74,76
	255.6	9.78e-03	0.02	0.01	7,7,76	0.0	0.0	0.0	0,0,0				
64	0.0	0.01	0.02	0.01	8,8,76	0.0	0.0	0.0	0,0,0	-0.08	-0.07	-0.07	7,74,76
	315.0	1.18e-03	2.62e-03	1.27e-03	8,7,76	0.0	0.0	0.0	0,0,0				
67	0.0	0.13	0.23	0.14	8,8,76	0.0	0.0	0.0	0,0,0	0.13	0.08	0.08	8,74,76
	212.8	0.24	0.64	0.27	7,8,76	0.19	0.21	0.21	8,74,76				
68	0.0	0.11	0.30	0.15	8,8,76	0.0	0.0	0.0	0,0,0	0.04	0.02	0.02	7,74,76
	410.0	0.05	0.12	0.04	7,7,76	0.0	0.0	0.0	0,0,0				
70	0.0	0.24	0.71	0.27	7,7,76	0.22	0.24	0.24	7,74,76	0.06	0.03	0.03	7,74,76
	344.7	0.07	0.38	0.0	7,7,0	0.0	0.0	0.0	0,0,0				
71	0.0	0.07	0.22	0.10	9,9,76	0.0	0.0	0.0	0,0,0	-0.03	-0.03	-0.03	9,74,76
	405.0	0.10	0.29	0.13	7,7,76	0.0	0.0	0.0	0,0,0				
72	0.0	0.07	0.21	0.08	8,8,76	0.0	0.0	0.0	0,0,0	-0.02	-0.02	-0.02	8,74,76
	405.0	0.08	0.23	0.10	9,9,76	0.0	0.0	0.0	0,0,0				
78	0.0	0.01	0.02	0.02	7,7,76	0.0	0.0	0.0	0,0,0	-0.03	-0.02	-0.02	7,74,76
	240.0	2.17e-03	4.96e-03	1.28e-03	8,8,76	0.0	0.0	0.0	0,0,0				
79	0.0	0.05	0.12	0.06	9,9,76	0.0	0.0	0.0	0,0,0	0.06	0.05	0.05	8,74,76
	405.0	0.08	0.20	0.10	8,9,76	0.0	0.0	0.0	0,0,0				
80	0.0	0.05	0.12	0.06	9,9,76	0.0	0.0	0.0	0,0,0	0.08	0.06	0.06	8,74,76
	405.0	0.15	0.38	0.17	8,8,76	0.0	0.0	0.0	0,0,0				
82	0.0	0.11	0.30	0.14	9,9,76	0.0	0.0	0.0	0,0,0	-0.05	-0.05	-0.05	9,74,76
	410.0	0.03	0.12	0.02	8,8,76	0.0	0.0	0.0	0,0,0				
84	0.0	0.11	0.14	0.12	7,7,76	0.0	0.0	0.0	0,0,0	0.06	0.05	0.05	8,74,76
	405.0	0.10	0.12	0.10	7,7,76	0.0	0.0	0.0	0,0,0				
88	0.0	0.17	0.09	0.18	8,8,76	0.01	0.0	0.0	8,0,0	0.09	0.08	0.08	7,74,76
	291.8	0.16	0.10	0.18	8,8,76	0.01	0.0	0.0	8,0,0				
89	0.0	0.13	0.08	0.13	8,8,76	0.0	0.0	0.0	0,0,0	0.09	0.07	0.07	7,74,76
	255.6	0.16	0.09	0.19	8,8,76	0.01	0.0	0.0	8,0,0				
91	0.0	0.19	0.10	0.21	8,8,76	0.01	0.0	0.0	8,0,0	0.05	0.04	0.04	7,74,76
	309.7	0.17	0.10	0.19	8,8,76	0.01	0.0	0.0	8,0,0				
92	0.0	0.11	0.13	0.12	7,7,76	0.0	0.0	0.0	0,0,0	0.09	0.06	0.06	8,74,76
	405.0	8.73e-03	5.93e-03	7.52e-03	8,8,76	0.0	0.0	0.0	0,0,0				
93	0.0	0.25	0.14	0.26	8,8,76	0.02	0.02	0.02	8,74,76	0.06	-0.05	-0.05	7,74,76
	315.0	0.17	0.09	0.18	8,8,76	0.01	0.0	0.0	8,0,0				
94	0.0	0.24	0.13	0.26	8,8,76	0.02	0.01	0.01	8,74,76	0.06	0.05	0.05	7,74,76
	315.0	0.17	0.09	0.19	8,8,76	0.01	0.0	0.0	8,0,0				
96	0.0	0.19	0.09	0.20	8,8,76	0.01	0.0	0.0	8,0,0	0.06	0.05	0.05	7,74,76
	309.7	0.18	0.10	0.20	8,8,76	0.01	0.0	0.0	8,0,0				
98	0.0	0.12	0.06	0.12	8,8,76	0.0	0.0	0.0	0,0,0	0.10	0.09	0.09	7,74,76
	255.6	0.18	0.10	0.21	8,8,76	0.01	0.0	0.0	8,0,0				
99	0.0	0.16	0.08	0.18	8,8,76	0.0	0.0	0.0	0,0,0	0.09	0.08	0.08	7,74,76
	291.8	0.16	0.09	0.18	8,8,76	0.01	0.0	0.0	8,0,0				
110	0.0	0.09	0.11	0.11	8,8,76	0.0	0.0	0.0	0,0,0	0.33	0.24	0.24	8,74,76
	1145.0	0.10	0.12	0.12	8,8,76	0.0	0.0	0.0	0,0,0				
111	0.0	0.07	0.16	0.06	7,7,76	0.0	0.0	0.0	0,0,0	0.26	0.20	0.20	8,74,76
	1145.0	0.06	0.15	0.05	7,7,76	0.0	0.0	0.0	0,0,0				
112	0.0	0.08	0.19	0.08	7,8,76	0.0	0.0	0.0	0,0,0	0.28	0.22	0.22	8,74,76

	1145.0	0.06	0.15	0.05	7,7,76	0.0	0.0	0.0	0,0,0				
113	0.0	0.08	0.19	0.08	7,8,76	0.0	0.0	0.0	0,0,0	0.26	0.20	0.20	8,74,76
	1145.0	0.04	0.11	0.02	7,7,76	0.0	0.0	0.0	0,0,0				
114	0.0	0.07	0.16	0.07	7,8,76	0.0	0.0	0.0	0,0,0	-0.23	-0.19	-0.19	8,74,76
	1145.0	0.19	0.30	0.22	8,8,76	0.0	0.0	0.0	0,0,0				
115	0.0	5.52e-03	8.32e-03	1.30e-03	8,8,76	0.0	0.0	0.0	0,0,0	-6.67e-03	-3.90e-03	-3.90e-03	7,74,76
	68.9	0.02	0.04	0.02	8,8,76	0.0	0.0	0.0	0,0,0				
116	0.0	0.06	0.06	0.07	8,8,76	0.0	0.0	0.0	0,0,0	-0.10	-0.08	-0.08	8,74,76
	212.8	0.05	0.05	0.04	7,7,76	0.0	0.0	0.0	0,0,0				
117	0.0	0.05	0.05	0.05	7,7,76	0.0	0.0	0.0	0,0,0	-0.18	-0.15	-0.15	8,74,76
	587.5	0.02	0.02	0.01	8,8,76	0.0	0.0	0.0	0,0,0				
118	0.0	0.07	0.10	0.07	8,8,76	0.0	0.0	0.0	0,0,0	-0.05	-0.05	-0.05	9,74,76
	410.0	0.03	0.03	0.03	9,9,76	0.0	0.0	0.0	0,0,0				
119	0.0	0.08	0.11	0.08	7,7,76	0.0	0.0	0.0	0,0,0	-0.02	-0.02	-0.02	9,74,76
	405.0	0.08	0.11	0.08	8,8,76	0.0	0.0	0.0	0,0,0				
120	0.0	0.09	0.12	0.09	7,7,76	0.0	0.0	0.0	0,0,0	-0.02	-0.02	-0.02	8,74,76
	405.0	0.08	0.11	0.08	7,7,76	0.0	0.0	0.0	0,0,0				
121	0.0	0.09	0.13	0.10	7,7,76	0.0	0.0	0.0	0,0,0	-0.03	-0.03	-0.03	8,74,76
	405.0	0.09	0.13	0.09	7,7,76	0.0	0.0	0.0	0,0,0				
122	0.0	3.87e-03	8.76e-03	1.10e-03	8,8,76	0.0	0.0	0.0	0,0,0	-0.04	-0.03	-0.03	7,74,76
	410.0	0.10	0.14	0.11	7,7,76	0.0	0.0	0.0	0,0,0				
123	0.0	8.82e-03	0.02	6.62e-03	7,8,76	0.0	0.0	0.0	0,0,0	0.02	7.81e-03	7.81e-03	7,74,76
	410.0	0.11	0.15	0.12	7,7,76	0.0	0.0	0.0	0,0,0				
124	0.0	0.09	0.13	0.11	7,7,76	0.0	0.0	0.0	0,0,0	8.83e-03	8.83e-03	8.83e-03	9,74,76
	405.0	0.11	0.15	0.12	7,7,76	0.0	0.0	0.0	0,0,0				
125	0.0	0.04	0.04	0.05	7,7,76	0.0	0.0	0.0	0,0,0	0.04	0.03	0.03	7,74,76
	187.5	0.02	0.02	0.01	7,7,76	0.0	0.0	0.0	0,0,0				
126	0.0	0.02	0.02	0.02	7,7,76	0.0	0.0	0.0	0,0,0	0.04	0.03	0.03	7,74,76
	152.5	0.06	0.05	0.06	7,7,76	0.0	0.0	0.0	0,0,0				
127	0.0	0.02	0.01	0.02	7,7,76	0.0	0.0	0.0	0,0,0	0.08	0.06	0.06	7,74,76
	372.3	0.05	0.03	0.06	7,7,76	0.0	0.0	0.0	0,0,0				
128	0.0	7.48e-03	3.19e-03	8.03e-03	8,8,76	0.0	0.0	0.0	0,0,0	0.03	0.02	0.02	7,74,76
	152.5	0.02	0.01	0.02	7,7,76	0.0	0.0	0.0	0,0,0				
129	0.0	8.54e-03	5.59e-03	4.89e-03	7,7,76	0.0	0.0	0.0	0,0,0	0.03	0.03	0.03	7,74,76
	187.5	0.02	0.02	0.02	7,7,76	0.0	0.0	0.0	0,0,0				
130	0.0	0.05	0.04	0.06	8,8,76	0.0	0.0	0.0	0,0,0	-0.02	-0.01	-0.01	8,74,76
	303.7	0.02	0.02	0.03	8,8,76	0.0	0.0	0.0	0,0,0				
131	0.0	0.03	0.03	0.04	7,7,76	0.0	0.0	0.0	0,0,0	0.02	0.02	0.02	7,74,76
	100.0	0.04	0.04	0.05	7,7,76	0.0	0.0	0.0	0,0,0				
132	0.0	0.03	0.02	0.03	7,7,76	0.0	0.0	0.0	0,0,0	0.04	0.04	0.04	7,74,76
	240.0	0.02	0.01	0.02	9,7,76	0.0	0.0	0.0	0,0,0				
133	0.0	0.03	0.01	0.04	7,7,76	0.0	0.0	0.0	0,0,0	4.49e-03	2.02e-03	2.02e-03	7,74,76
	74.0	0.04	0.02	0.05	7,7,76	0.0	0.0	0.0	0,0,0				
134	0.0	0.05	0.04	0.06	7,7,76	0.0	0.0	0.0	0,0,0	-0.02	-0.02	-0.02	8,74,76
	303.7	0.03	0.03	0.03	7,7,76	0.0	0.0	0.0	0,0,0				
135	0.0	0.30	0.44	0.35	8,8,76	0.10	0.0	0.0	8,0,0	0.27	0.23	0.23	7,74,76
	632.4	0.01	0.05	0.01	8,8,76	0.0	0.0	0.0	0,0,0				
136	0.0	6.68e-03	0.02	5.95e-03	7,7,76	0.0	0.0	0.0	0,0,0	0.05	0.05	0.05	9,74,76
	410.0	0.06	0.08	0.05	7,7,76	0.0	0.0	0.0	0,0,0				
137	0.0	0.22	0.33	0.27	7,7,76	0.0	0.0	0.0	0,0,0	0.19	0.16	0.16	7,74,76
	632.8	0.03	0.07	0.03	7,7,76	0.0	0.0	0.0	0,0,0				
138	0.0	0.11	0.15	0.12	7,7,76	0.0	0.0	0.0	0,0,0	-0.03	-0.03	-0.03	8,74,76
	370.0	0.03	0.04	0.04	7,8,76	0.0	0.0	0.0	0,0,0				
139	0.0	0.06	0.05	0.07	8,8,76	0.0	0.0	0.0	0,0,0	-0.02	-0.02	-0.02	8,74,76
	377.8	0.04	0.04	0.05	7,7,76	0.0	0.0	0.0	0,0,0				
140	0.0	0.04	0.05	0.04	7,7,76	0.0	0.0	0.0	0,0,0	0.11	0.09	0.09	7,74,76
	255.0	0.02	0.04	0.03	7,8,76	0.0	0.0	0.0	0,0,0				
141	0.0	0.02	0.04	0.03	7,8,76	0.0	0.0	0.0	0,0,0	-0.11	-0.09	-0.09	7,74,76
	255.6	5.81e-03	0.01	5.81e-03	7,8,76	0.0	0.0	0.0	0,0,0				
142	0.0	3.45e-03	0.02	2.63e-03	7,7,76	0.0	0.0	0.0	0,0,0	-0.06	-0.05	-0.05	7,74,76
	264.4	0.02	0.04	0.02	8,8,76	0.0	0.0	0.0	0,0,0				
143	0.0	0.02	0.03	0.02	8,8,76	0.0	0.0	0.0	0,0,0	-0.07	-0.06	-0.06	7,74,76
	315.0	0.0	0.01	0.0	0,7,0	0.0	0.0	0.0	0,0,0				
210	0.0	0.19	0.34	0.25	9,8,76	0.07	0.07	0.07	8,74,76	0.24	-0.23	-0.23	8,74,76
	1145.0	0.20	0.34	0.26	7,8,76	0.07	0.07	0.07	8,74,76				
211	0.0	0.24	0.91	0.31	7,8,76	0.32	0.33	0.33	8,74,76	-0.47	-0.51	-0.51	8,74,76
	1145.0	0.22	0.87	0.29	7,8,76	0.30	0.32	0.32	8,74,76				
217	0.0	0.03	0.14	0.04	7,7,76	0.0	0.0	0.0	0,0,0	-3.09e-03	-2.60e-03	-2.60e-03	8,74,76
	75.6	0.04	0.15	0.05	7,7,76	0.0	0.0	0.0	0,0,0				
219	0.0	0.0	0.03	0.0	0,7,0	0.0	0.0	0.0	0,0,0	2.64e-03	3.51e-04	3.51e-04	7,74,76
	68.9	0.02	0.07	0.02	7,7,76	0.0	0.0	0.0	0,0,0				
220	0.0	0.03	0.04	0.03	7,7,76	0.0	0.0	0.0	0,0,0	0.12	0.09	0.09	7,74,76
	372.3	6.90e-03	0.01	4.67e-03	7,7,76	0.0	0.0	0.0	0,0,0				
221	0.0	1.48e-03	1.98e-03	1.94e-03	8,8,76	0.0	0.0	0.0	0,0,0	0.04	0.03	0.03	7,74,76
	152.5	8.00e-03	0.01	0.01	9,8,76	0.0	0.0	0.0	0,0,0				
222	0.0	0.01	0.02	0.01	7,7,76	0.0	0.0	0.0	0,0,0	0.05	0.04	0.04	7,74,76
	187.5	2.14e-03	2.63e-03	2.86e-03	9,8,76	0.0	0.0	0.0	0,0,0				

223	0.0	2.80e-03	5.87e-03	3.73e-03	9,7,76	0.0	0.0	0.0	0,0,0	0.03	0.02	0.02	8,74,76
	303.7	0.03	0.04	0.03	7,7,76	0.0	0.0	0.0	0,0,0				
224	0.0	3.08e-03	2.41e-03	2.73e-03	7,7,76	0.0	0.0	0.0	0,0,0	0.03	0.02	0.02	7,74,76
	100.0	6.36e-03	0.01	7.76e-03	7,7,76	0.0	0.0	0.0	0,0,0				
225	0.0	0.10	0.14	0.13	7,7,76	0.0	0.0	0.0	0,0,0	-0.07	-0.06	-0.06	7,74,76
	240.0	7.14e-03	8.99e-03	9.04e-03	8,9,76	0.0	0.0	0.0	0,0,0				
226	0.0	7.76e-03	0.02	9.17e-03	7,7,76	0.0	0.0	0.0	0,0,0	0.01	8.67e-03	8.67e-03	7,74,76
	74.0	3.26e-03	0.01	3.73e-03	7,7,76	0.0	0.0	0.0	0,0,0				
227	0.0	0.01	0.03	0.01	7,7,76	0.0	0.0	0.0	0,0,0	0.04	0.04	0.04	8,74,76
	303.7	0.13	0.19	0.16	7,7,76	0.0	0.0	0.0	0,0,0				
228	0.0	0.0	0.01	0.0	0,7,0	0.0	0.0	0.0	0,0,0	2.74e-03	1.38e-03	1.38e-03	7,74,76
	75.6	0.0	0.01	0.0	0,7,0	0.0	0.0	0.0	0,0,0				
229	0.0	0.02	0.03	0.02	8,8,76	0.0	0.0	0.0	0,0,0	-5.85e-03	-3.10e-03	-3.10e-03	7,74,76
	68.9	0.01	0.01	0.01	8,7,76	0.0	0.0	0.0	0,0,0				
230	0.0	0.03	0.01	0.04	7,7,76	0.0	0.0	0.0	0,0,0	7.88e-03	5.53e-03	5.53e-03	7,74,76
	74.0	0.02	7.96e-03	0.02	7,7,76	0.0	0.0	0.0	0,0,0				
232	0.0	0.05	0.14	0.06	7,7,76	0.0	0.0	0.0	0,0,0	-1.74e-03	-2.70e-04	-2.70e-04	7,74,76
	75.6	0.01	0.09	0.01	8,7,76	0.0	0.0	0.0	0,0,0				
233	0.0	0.02	0.06	0.03	7,7,76	0.0	0.0	0.0	0,0,0	3.52e-03	1.13e-03	1.13e-03	7,74,76
	68.9	0.02	0.05	0.02	7,7,76	0.0	0.0	0.0	0,0,0				
234	0.0	0.0	0.02	0.0	0,7,0	0.0	0.0	0.0	0,0,0	0.01	7.63e-03	7.63e-03	7,74,76
	74.0	2.26e-03	0.02	1.81e-03	8,7,76	0.0	0.0	0.0	0,0,0				
235	0.0	2.04e-03	2.76e-03	2.67e-03	8,7,76	0.0	0.0	0.0	0,0,0	2.16e-03	9.04e-04	9.04e-04	7,74,76
	75.6	1.06e-03	1.57e-03	1.37e-03	8,7,76	0.0	0.0	0.0	0,0,0				
236	0.0	0.01	7.63e-03	0.01	8,7,76	0.0	0.0	0.0	0,0,0	-5.00e-03	-2.55e-03	-2.55e-03	7,74,76
	68.9	0.02	9.55e-03	0.03	9,9,76	0.0	0.0	0.0	0,0,0				
237	0.0	5.63e-03	2.63e-03	7.51e-03	9,9,76	0.0	0.0	0.0	0,0,0	7.91e-03	5.60e-03	5.60e-03	7,74,76
	74.0	6.18e-03	2.84e-03	7.94e-03	7,7,76	0.0	0.0	0.0	0,0,0				
239	0.0	0.02	0.08	0.02	7,7,76	0.0	0.0	0.0	0,0,0	-3.40e-03	-1.51e-03	-1.51e-03	7,74,76
	75.6	0.0	0.05	0.0	0,7,0	0.0	0.0	0.0	0,0,0				
240	0.0	0.02	0.04	0.02	7,7,76	0.0	0.0	0.0	0,0,0	4.33e-03	1.81e-03	1.81e-03	7,74,76
	68.9	1.78e-03	0.02	2.01e-03	7,7,76	0.0	0.0	0.0	0,0,0				
241	0.0	0.0	0.03	0.0	0,7,0	0.0	0.0	0.0	0,0,0	0.01	8.81e-03	8.81e-03	7,74,76
	74.0	0.02	0.06	0.03	7,7,76	0.0	0.0	0.0	0,0,0				
242	0.0	0.01	5.29e-03	0.01	8,8,76	0.0	0.0	0.0	0,0,0	1.85e-03	6.80e-04	6.80e-04	7,74,76
	75.6	0.05	0.02	0.06	7,7,76	0.0	0.0	0.0	0,0,0				
243	0.0	0.02	9.76e-03	0.03	9,9,76	0.0	0.0	0.0	0,0,0	6.35e-03	3.78e-03	3.78e-03	7,74,76
	68.9	0.09	0.08	0.11	7,7,76	0.0	0.0	0.0	0,0,0				
244	0.0	0.0	4.78e-03	0.0	0,7,0	0.0	0.0	0.0	0,0,0	7.43e-03	5.21e-03	5.21e-03	7,74,76
	74.0	4.11e-04	5.78e-03	5.48e-04	9,7,76	0.0	0.0	0.0	0,0,0				
246	0.0	0.0	0.03	0.0	0,7,0	0.0	0.0	0.0	0,0,0	-3.41e-03	-1.70e-03	-1.70e-03	7,74,76
	75.6	0.0	0.02	0.0	0,7,0	0.0	0.0	0.0	0,0,0				
247	0.0	5.88e-03	0.02	6.60e-03	7,7,76	0.0	0.0	0.0	0,0,0	4.80e-03	2.12e-03	2.12e-03	7,74,76
	68.9	0.0	8.51e-03	0.0	0,7,0	0.0	0.0	0.0	0,0,0				
248	0.0	0.02	0.07	0.02	7,7,76	0.0	0.0	0.0	0,0,0	-0.01	-0.01	-0.01	7,74,76
	74.0	0.05	0.11	0.06	7,7,76	0.0	0.0	0.0	0,0,0				
249	0.0	0.07	0.03	0.08	7,7,76	0.0	0.0	0.0	0,0,0	8.32e-03	6.70e-03	6.70e-03	7,74,76
	75.6	0.05	0.02	0.06	7,7,76	0.0	0.0	0.0	0,0,0				
250	0.0	0.09	0.05	0.11	7,7,76	0.0	0.0	0.0	0,0,0	9.96e-03	7.18e-03	7.18e-03	7,74,76
	68.9	0.12	0.10	0.15	7,7,76	0.0	0.0	0.0	0,0,0				
251	0.0	0.0	0.01	0.0	0,7,0	0.0	0.0	0.0	0,0,0	6.04e-03	4.06e-03	4.06e-03	7,74,76
	74.0	8.28e-03	0.02	9.76e-03	7,7,76	0.0	0.0	0.0	0,0,0				
253	0.0	3.17e-03	0.01	3.10e-03	8,7,76	0.0	0.0	0.0	0,0,0	-3.36e-03	-1.50e-03	-1.50e-03	7,74,76
	75.6	8.23e-03	0.02	9.96e-03	8,7,76	0.0	0.0	0.0	0,0,0				
254	0.0	1.52e-03	4.44e-03	1.82e-03	7,7,76	0.0	0.0	0.0	0,0,0	4.41e-03	1.90e-03	1.90e-03	7,74,76
	68.9	4.26e-03	9.64e-03	4.38e-03	7,7,76	0.0	0.0	0.0	0,0,0				
255	0.0	0.04	0.12	0.05	7,7,76	0.0	0.0	0.0	0,0,0	-0.02	-0.01	-0.01	7,74,76
	74.0	0.03	0.10	0.03	7,7,76	0.0	0.0	0.0	0,0,0				
259	0.0	0.03	0.04	0.03	7,7,76	0.0	0.0	0.0	0,0,0	0.02	0.02	0.02	8,74,76
	377.8	0.01	0.02	0.02	8,8,76	0.0	0.0	0.0	0,0,0				
260	0.0	2.23e-04	4.50e-03	0.0	8,7,0	0.0	0.0	0.0	0,0,0	-0.02	-0.01	-0.01	7,74,76
	80.0	0.0	5.03e-03	0.0	0,7,0	0.0	0.0	0.0	0,0,0				
261	0.0	0.03	0.01	0.04	7,7,76	0.0	0.0	0.0	0,0,0	8.47e-03	5.03e-03	5.03e-03	7,74,76
	80.0	0.02	8.52e-03	0.02	7,7,76	0.0	0.0	0.0	0,0,0				
263	0.0	0.0	6.59e-03	0.0	0,7,0	0.0	0.0	0.0	0,0,0	-0.02	-0.01	-0.01	7,74,76
	80.0	8.70e-03	0.02	0.01	8,8,76	0.0	0.0	0.0	0,0,0				
264	0.0	7.95e-03	3.50e-03	0.01	7,7,76	0.0	0.0	0.0	0,0,0	6.00e-03	4.23e-03	4.23e-03	7,74,76
	40.0	4.46e-03	2.12e-03	5.58e-03	7,7,76	0.0	0.0	0.0	0,0,0				
265	0.0	0.02	7.27e-03	0.02	7,7,76	0.0	0.0	0.0	0,0,0	5.77e-03	4.00e-03	4.00e-03	7,74,76
	40.0	0.01	5.07e-03	0.01	7,7,76	0.0	0.0	0.0	0,0,0				
267	0.0	7.15e-03	0.03	8.85e-03	8,8,76	0.0	0.0	0.0	0,0,0	0.02	0.01	0.01	7,74,76
	80.0	5.39e-03	0.03	6.40e-03	8,8,76	0.0	0.0	0.0	0,0,0				
268	0.0	1.81e-03	1.27e-03	2.06e-03	7,8,76	0.0	0.0	0.0	0,0,0	0.01	8.15e-03	8.15e-03	7,74,76
	80.0	2.80e-03	1.93e-03	3.74e-03	9,8,76	0.0	0.0	0.0	0,0,0				

Trave	rRfck	rRfyk	rPfck	wR	wF	wP	dR	dF	dP
							-0.47	-0.51	-0.51

0.45

0.91

0.48

0.32

0.33

0.33

0.40

0.33

0.33

VERIFICHE S.L. ELEMENTI IN LEGNO

LEGENDA TABELLA VERIFICHE S.L. ELEMENTI IN LEGNO

Il programma consente la verifica dei seguenti tipi di elementi:

1. Aste 2. Travi 3. Pilastri

L'esito delle verifiche è espresso con un codice come di seguito indicato:

ok: verifica con esito positivo

NV: verifica con esito negativo

Le verifiche sono condotte in ottemperanza alle NTC 17 Gennaio 2018, oppure seguendo le indicazioni analitiche riportate nella norma tecnica UNI EN 1995-1-1:2005 "Eurocodice 5 - Progettazione delle strutture di legno - Parte 1-1: Regole generali - Regole comuni e regole per gli edifici"; in particolare le verifiche effettuate sono riconducibili ai punti:

NTC 2018

- 4.4.8 Stati limite ultimi
- 4.4.8.1.7 Tensoflessione
- 4.4.8.1.8 Pressoflessione
- 4.4.8.1.11 Taglio e torsione
- 4.4.8.2.1 Elementi inflessi
- 4.4.8.2.2 Elementi compressi

EC5

- 2.2.2 Ultimate limit states
- 2.2.3 Serviceability limit states
- 2.4.1 Design value of material property
- 2.4.3 Design resistances
- 3.1.3 Strength modification (k_{mod})
- 3.1.4 Deformation modification (k_{def})
- 6. Ultimate limit states
- 6.2 Design of cross-sections subjected to combined stresses
- 6.3 Stability of members

Simbologia adottata nelle tabelle di verifica

Le verifiche effettuate ai sensi delle NTC 2018 sono dettagliatamente riportate come da tabella seguente:

Elem.	Numero dell'elemento
Tipo	Codice di individuazione del tipo di elemento: Trave (T), Pilastro (P), Asta (A)
Stato	Codice della verifica: ok verificato, NV non verificato
Note	Numero della sezione (s) e del materiale (m) dell'archivio
Ver N+/M	Verifica come da formule 4.4.6a e 4.4.6b per tensoflessione, con i valori di k_m definiti nel par. 4.4.8.1.6
Ver N-/M	Verifica come da formule 4.4.7a e 4.4.7b per pressoflessione, con i valori di k_m definiti nel par. 4.4.8.1.6
Ver V/T	Verifica come da formula 4.4.10 (taglio torsione) con interazione ottenuta per quadratura del termine di taglio
Ver N(s)	Verifica instabilità a compressione come da par. 4.4.8.2.2
Kcy(z)	Fattore di instabilità $K_{crit,c}$ utilizzato nella formula 4.4.13, in funzione della snellezza relativa
Ver M(s)	Verifica instabilità laterale come da par. 4.4.8.2.1, effettuata in entrambi i piani principali y e z
Kcrit (y)/(z)	Fattore di instabilità laterale utilizzato nella formula 4.4.11 rispettivamente per la flessione y e z

w _{net R}	Massima deformazione in combinazione rara (F frequente, P quasi permanente)
w _{net Ri}	Massima deformazione in combinazione rara (F frequente, P quasi permanente) valutata a tempo infinito
kdef	Fattore di deformazione dell' elemento
Rif. cmb	Numero della combinazione in cui si è attinto il valore riportato per le verifiche

Le verifiche effettuate ai sensi dell'EC5 sono dettagliatamente riportate come da tabella seguente:

Elem.	Numero dell'elemento
Tipo	Codice di individuazione del tipo di elemento: Trave (T) , Pilastro (P) , Asta (A)
Stato	Codice della verifica ok verificato, NV non verificato
Note	Numero della sezione (s) e del materiale (m) dell'archivio
Ver N+/M	Verifica come da formula 6.17 e 6.18 per tensoflessione
Ver N-/M	Verifica come da formula 6.19 e 6.20 per pressoflessione
Ver V/T	Verifica come da formula 6.13 e 6.14 (taglio torsione) con interazione ottenuta per quadratura del termine di taglio
Ver N(s)	Verifica come da formula 6.23 e 6.24 per pressoflessione di elementi con snellezza relativa in un piano maggiore di 0.3
Kcy (z)	Fattore di instabilità utilizzato nella formula 6.23 (6.24)
Ver M(s)	Verifica come da formula 6.35 (effettuata in entrambi i piani principali) per instabilità laterale
Kcrit (y) (z)	Fattore di instabilità laterale utilizzato nella formula 6.35 rispettivamente per la flessione y e z
w _{net R}	Massima deformazione in combinazione rara (F frequente, P quasi permanente)
w _{net Ri}	Massima deformazione in combinazione rara (F frequente, P quasi permanente) valutata a tempo infinito
kdef	Fattore di deformazione dell' elemento
Rif. cmb	Numero della combinazione in cui si è attinto il valore riportato per le verifiche

Si sottolinea che le cinque verifiche sono espresse dal rapporto tra domanda e capacità, affinché la verifica sia positiva il rapporto deve essere inferiore o uguale a 1. La capacità è affetta dal termine **kmod**, espressione della classe di servizio e della durata dei carichi (si considera a livello di combinazione il caso di carico di minor durata). Le deformazioni dell' elemento espresse in rapporto ad un millesimo di lunghezza sono rappresentate dal valore istantaneo e dal valore a tempo infinito. Il valore della deformazione a tempo infinito per una combinazione di carichi è ottenuta sommando per ogni caso di carico sia il valore istantaneo che il valore ottenuto dall' aliquota quasi-permanente amplificata del fattore kdef (formula 2.2 e 2.3).

In termini analitici il contributo del caso di carico con coefficiente di combinazione **Psi** (diverso da 0) è:

$$Psi + kdef \times Psi2$$

< TABELLA VERIFICHE ELEMENTI - MATERIALI NUOVI >

Elem.	Note	Pos.	Ver N+/M	Ver N-/M	Ver V/T	Rif. cmb	Ver N(s)	Kcy	Kcz	Ver M(s)	Kcrit(y)	Kcrit(z)	Rif. cmb
11	okT,s=20,m=131	0.0		0.3	0.1	0,37,3	0.3	1.0	1.0	0.1	1.0	1.0	37,37
		182.0		0.2	0.1	0,3,3	0.2	1.0	1.0	8.07e-02	1.0	1.0	3,3
12	okT,s=20,m=131	0.0		0.1	8.69e-03	0,39,14	0.2	1.0	1.0	5.52e-02	1.0	1.0	39,3
		143.7		0.1	9.53e-03	0,29,14	0.2	1.0	1.0	5.13e-02	1.0	1.0	29,3
14	okT,s=21,m=131	0.0		0.5	0.4	0,3,3	0.85.70e-02	0.4	0.4	1.0	1.0	1.0	3,3
		405.0		0.6	0.5	0,3,3	0.95.70e-02	0.4	0.4	1.0	1.0	1.0	3,3
28	okT,s=20,m=131	0.0		9.43e-02	2.96e-02	0,11,3	0.1	1.0	1.0	5.10e-02	1.0	1.0	11,3
		146.8		0.2	2.86e-02	0,35,3	0.2	1.0	1.0	5.59e-02	1.0	1.0	35,3
29	okT,s=21,m=131	0.0		0.5	0.3	0,3,3	0.65.70e-02	0.4	0.2	1.0	1.0	1.0	3,3
		405.0		0.4	0.3	0,3,3	0.55.70e-02	0.4	0.2	1.0	1.0	1.0	3,3
33	okT,s=21,m=131	0.0		0.5	0.4	0,3,3	0.95.70e-02	0.4	0.4	1.0	1.0	1.0	3,3
		405.0		0.5	0.4	0,3,3	0.85.70e-02	0.4	0.4	1.0	1.0	1.0	3,3
34	okT,s=21,m=131	0.0		0.6	0.4	0,3,3	0.95.70e-02	0.4	0.4	1.0	1.0	1.0	3,3
		405.0		0.5	0.4	0,3,3	0.85.70e-02	0.4	0.4	1.0	1.0	1.0	3,3
37	okT,s=21,m=131	0.0		0.4	0.4	0,37,3	0.75.70e-02	0.4	0.4	1.0	1.0	1.0	3,3
		410.0		0.6	0.5	0,3,3	1.05.70e-02	0.4	0.4	1.0	1.0	1.0	3,3
51	okT,s=21,m=131	0.0		0.4	0.3	0,3,3	0.55.70e-02	0.4	0.2	1.0	1.0	1.0	3,3
		405.0		0.4	0.3	0,3,3	0.55.70e-02	0.4	0.2	1.0	1.0	1.0	3,3

52 okT,s=21,m=131	0.0	0.4	0.3	0,3,3	0.55.70e-02	0.4	0.2	1.0	1.0	3,3	
	405.0	0.5	0.4	0,3,3	0.65.70e-02	0.4	0.2	1.0	1.0	3,3	
54 okT,s=20,m=131	0.0	0.1	6.38e-02	0,29,3	0.2	1.0	1.0	5.84e-02	1.0	1.0	29,3
	152.5	0.1	6.56e-02	0,14,3	0.1	1.0	1.0	5.70e-02	1.0	1.0	14,3
55 okT,s=20,m=131	0.0	0.1	9.67e-03	0,35,16	0.2	1.0	1.0	5.09e-02	1.0	1.0	35,3
	143.7	0.1	8.67e-03	0,29,16	0.2	1.0	1.0	5.61e-02	1.0	1.0	29,3
65 okT,s=20,m=131	0.0	0.1	6.58e-02	0,16,3	0.2	1.0	1.0	5.61e-02	1.0	1.0	16,3
	152.5	0.1	6.39e-02	0,35,3	0.2	1.0	1.0	5.92e-02	1.0	1.0	35,3
66 okT,s=20,m=131	0.0	0.2	0.1	0,3,3	0.2	1.0	1.0	8.15e-02	1.0	1.0	3,3
	182.0	0.3	0.1	0,33,3	0.3	1.0	1.0	0.1	1.0	1.0	27,27
69 okT,s=21,m=131	0.0	0.5	0.5	0,3,3	0.65.70e-02	0.4	0.2	1.0	1.0	3,3	
	410.0	0.1	0.2	0,32,3	0.25.70e-02	0.4	8.60e-02	1.0	1.0	32,3	
77 okT,s=20,m=131	0.0	0.1	2.84e-02	0,29,3	0.2	1.0	1.0	5.51e-02	1.0	1.0	29,3
	146.8	8.67e-02	2.93e-02	0,21,3	0.1	1.0	1.0	5.12e-02	1.0	1.0	21,3
81 okT,s=21,m=131	0.0	0.1	0.3	0,29,3	0.25.70e-02	0.4	9.43e-02	1.0	1.0	29,3	
	410.0	0.4	0.5	0,3,3	0.55.70e-02	0.4	0.2	1.0	1.0	3,3	
144 okT,s=20,m=131	0.0	0.7	0.3	0,3,3	0.8	1.0	1.0	0.5	1.0	1.0	3,3
	182.0	0.3	0.3	0,3,3	0.3	1.0	1.0	0.1	1.0	1.0	3,3
145 okT,s=20,m=131	0.0	0.4	1.81e-02	0,3,11	0.5	1.0	1.0	0.2	1.0	1.0	3,3
	143.7	0.4	2.06e-02	0,3,11	0.4	1.0	1.0	0.2	1.0	1.0	3,3
146 okT,s=20,m=131	0.0	0.2	0.1	0,11,3	0.2	1.0	1.0	6.93e-02	1.0	1.0	11,3
	146.8	0.4	0.1	0,3,3	0.4	1.0	1.0	0.2	1.0	1.0	3,3
147 okT,s=20,m=131	0.0	0.2	0.3	0,12,3	0.2	1.0	1.0	8.02e-02	1.0	1.0	3,3
	152.5	0.3	0.4	0,3,3	0.3	1.0	1.0	0.1	1.0	1.0	3,3
148 okT,s=20,m=131	0.0	0.3	2.25e-02	0,3,12	0.4	1.0	1.0	0.2	1.0	1.0	3,3
	143.7	0.4	2.00e-02	0,3,16	0.5	1.0	1.0	0.2	1.0	1.0	3,3
149 okT,s=20,m=131	0.0	0.3	0.4	0,3,3	0.3	1.0	1.0	0.1	1.0	1.0	3,3
	152.5	0.2	0.4	0,15,3	0.2	1.0	1.0	7.85e-02	1.0	1.0	15,3
150 okT,s=20,m=131	0.0	0.2	0.3	0,3,3	0.3	1.0	1.0	0.1	1.0	1.0	3,3
	182.0	0.7	0.3	0,3,3	0.8	1.0	1.0	0.5	1.0	1.0	3,3
151 okT,s=20,m=131	0.0	0.4	0.1	0,3,3	0.4	1.0	1.0	0.2	1.0	1.0	3,3
	146.8	0.2	0.1	0,12,3	0.2	1.0	1.0	7.11e-02	1.0	1.0	3,3
152 okT,s=20,m=131	0.0	0.9	0.5	0,3,3	0.9	1.0	1.0	0.8	1.0	1.0	3,3
	182.0	0.3	0.5	0,3,3	0.4	1.0	1.0	0.1	1.0	1.0	3,3
153 okT,s=20,m=131	0.0	0.5	1.81e-02	0,3,15	0.5	1.0	1.0	0.2	1.0	1.0	3,3
	143.7	0.4	2.08e-02	0,3,15	0.4	1.0	1.0	0.2	1.0	1.0	3,3
154 okT,s=20,m=131	0.0	0.2	0.2	0,11,3	0.2	1.0	1.0	4.80e-02	1.0	1.0	11,3
	146.8	0.4	0.2	0,3,3	0.4	1.0	1.0	0.2	1.0	1.0	3,3
155 okT,s=20,m=131	0.0	0.2	0.4	0,20,3	0.2	1.0	1.0	6.17e-02	1.0	1.0	20,3
	152.5	0.3	0.4	0,3,3	0.3	1.0	1.0	0.1	1.0	1.0	3,3
156 okT,s=20,m=131	0.0	0.4	2.46e-02	0,3,24	0.4	1.0	1.0	0.2	1.0	1.0	3,3
	143.7	0.5	2.16e-02	0,3,24	0.5	1.0	1.0	0.2	1.0	1.0	3,3
157 okT,s=20,m=131	0.0	0.3	0.5	0,3,3	0.3	1.0	1.0	0.1	1.0	1.0	3,3
	152.5	0.2	0.4	0,15,3	0.2	1.0	1.0	5.73e-02	1.0	1.0	15,3
158 okT,s=20,m=131	0.0	0.3	0.5	0,3,3	0.3	1.0	1.0	0.1	1.0	1.0	3,3
	182.0	0.8	0.5	0,3,3	0.9	1.0	1.0	0.7	1.0	1.0	3,3
159 okT,s=20,m=131	0.0	0.4	0.2	0,3,3	0.4	1.0	1.0	0.2	1.0	1.0	3,3
	146.8	0.2	0.2	0,24,3	0.2	1.0	1.0	5.26e-02	1.0	1.0	24,3
160 okT,s=20,m=131	0.0	0.8	0.5	0,3,3	0.9	1.0	1.0	0.7	1.0	1.0	3,3
	182.0	0.3	0.5	0,3,3	0.3	1.0	1.0	0.1	1.0	1.0	3,3
161 okT,s=20,m=131	0.0	0.5	1.64e-02	0,3,23	0.5	1.0	1.0	0.2	1.0	1.0	3,3
	143.7	0.4	1.90e-02	0,3,23	0.4	1.0	1.0	0.2	1.0	1.0	3,3
162 okT,s=20,m=131	0.0	0.2	0.2	0,19,3	0.2	1.0	1.0	4.79e-02	1.0	1.0	19,3
	146.8	0.4	0.2	0,3,3	0.4	1.0	1.0	0.2	1.0	1.0	3,3
163 okT,s=20,m=131	0.0	0.2	0.4	0,32,3	0.2	1.0	1.0	6.31e-02	1.0	1.0	3,3
	152.5	0.3	0.4	0,3,3	0.3	1.0	1.0	0.1	1.0	1.0	3,3
164 okT,s=20,m=131	0.0	0.4	2.41e-02	0,3,24	0.4	1.0	1.0	0.2	1.0	1.0	3,3
	143.7	0.5	2.11e-02	0,3,24	0.5	1.0	1.0	0.2	1.0	1.0	3,3
165 okT,s=20,m=131	0.0	0.3	0.4	0,3,3	0.3	1.0	1.0	0.1	1.0	1.0	3,3
	152.5	0.2	0.4	0,23,3	0.2	1.0	1.0	5.70e-02	1.0	1.0	23,3
166 okT,s=20,m=131	0.0	0.3	0.5	0,3,3	0.3	1.0	1.0	0.1	1.0	1.0	3,3
	182.0	0.8	0.5	0,3,3	0.9	1.0	1.0	0.6	1.0	1.0	3,3
167 okT,s=20,m=131	0.0	0.4	0.1	0,3,3	0.4	1.0	1.0	0.2	1.0	1.0	3,3
	146.8	0.2	0.2	0,20,3	0.2	1.0	1.0	5.41e-02	1.0	1.0	20,3
168 okT,s=20,m=131	0.0	0.7	0.2	0,3,3	0.7	1.0	1.0	0.5	1.0	1.0	3,3
	182.0	0.3	0.2	0,3,3	0.3	1.0	1.0	0.2	1.0	1.0	3,3
169 okT,s=20,m=131	0.0	0.4	1.45e-02	0,3,19	0.4	1.0	1.0	0.2	1.0	1.0	3,3
	143.7	0.3	1.67e-02	0,3,19	0.4	1.0	1.0	0.2	1.0	1.0	3,3
170 okT,s=20,m=131	0.0	0.1	0.1	0,19,3	0.2	1.0	1.0	7.16e-02	1.0	1.0	3,3
	146.8	0.3	0.1	0,3,3	0.4	1.0	1.0	0.2	1.0	1.0	3,3
171 okT,s=20,m=131	0.0	0.1	0.3	0,33,3	0.2	1.0	1.0	8.10e-02	1.0	1.0	3,3
	152.5	0.3	0.3	0,3,3	0.3	1.0	1.0	0.1	1.0	1.0	3,3
172 okT,s=20,m=131	0.0	0.3	2.05e-02	0,3,25	0.4	1.0	1.0	0.2	1.0	1.0	3,3
	143.7	0.4	1.82e-02	0,3,25	0.4	1.0	1.0	0.2	1.0	1.0	3,3
173 okT,s=20,m=131	0.0	0.3	0.3	0,3,3	0.3	1.0	1.0	0.1	1.0	1.0	3,3
	152.5	0.1	0.3	0,39,3	0.2	1.0	1.0	8.05e-02	1.0	1.0	3,3
174 okT,s=20,m=131	0.0	0.3	0.2	0,3,3	0.3	1.0	1.0	0.2	1.0	1.0	3,3

	182.0		0.7	0.2	0,3,3	0.7	1.0	1.0	0.5	1.0	1.0	3,3
175 okT,s=20,m=131	0.0		0.3	0.1	0,3,3	0.4	1.0	1.0	0.2	1.0	1.0	3,3
	146.8		0.1	0.1	0,25,3	0.2	1.0	1.0	7.18e-02	1.0	1.0	25,3
176 okT,s=20,m=131	0.0		0.3	0.1	0,40,3	0.3	1.0	1.0	0.1	1.0	1.0	40,40
	182.0		0.2	0.1	0,3,3	0.2	1.0	1.0	7.74e-02	1.0	1.0	3,3
177 okT,s=20,m=131	0.0		0.1	6.07e-03	0,38,35	0.2	1.0	1.0	4.99e-02	1.0	1.0	38,3
	143.7		0.1	6.15e-03	0,32,39	0.1	1.0	1.0	4.66e-02	1.0	1.0	32,3
178 okT,s=20,m=131	0.0		7.64e-02	2.79e-02	0,30,3	0.1	1.0	1.0	4.68e-02	1.0	1.0	30,3
	146.8		0.1	2.65e-02	0,40,3	0.2	1.0	1.0	5.09e-02	1.0	1.0	40,3
179 okT,s=20,m=131	0.0		0.1	5.85e-02	0,30,3	0.1	1.0	1.0	5.33e-02	1.0	1.0	30,3
	152.5		9.57e-02	6.09e-02	0,39,3	0.1	1.0	1.0	5.16e-02	1.0	1.0	3,3
180 okT,s=20,m=131	0.0		0.1	8.02e-03	0,38,21	0.1	1.0	1.0	4.63e-02	1.0	1.0	38,3
	143.7		0.1	7.48e-03	0,32,21	0.2	1.0	1.0	5.07e-02	1.0	1.0	32,3
181 okT,s=20,m=131	0.0		9.50e-02	6.49e-02	0,41,3	0.1	1.0	1.0	5.23e-02	1.0	1.0	3,3
	152.5		0.1	6.25e-02	0,38,3	0.1	1.0	1.0	5.47e-02	1.0	1.0	36,3
182 okT,s=20,m=131	0.0		0.2	0.1	0,3,3	0.2	1.0	1.0	7.15e-02	1.0	1.0	3,3
	182.0		0.2	0.1	0,26,3	0.3	1.0	1.0	8.34e-02	1.0	1.0	26,26
183 okT,s=20,m=131	0.0		0.1	2.46e-02	0,26,3	0.2	1.0	1.0	5.00e-02	1.0	1.0	26,3
	146.8		6.94e-02	2.60e-02	0,20,3	9.54e-02	1.0	1.0	4.67e-02	1.0	1.0	20,3
184 okT,s=21,m=131	0.0	9.97e-02	0.2	0.3	36,35,3	0.25.70e-02	0.4	3.97e-02	1.0	1.0	35,27	
	410.0	0.4	0.5	0.5	36,3,3	0.55.70e-02	0.4	0.2	1.0	1.0	3,3	
185 okT,s=21,m=131	0.0		0.5	0.4	0,3,3	0.55.70e-02	0.4	0.2	1.0	1.0	3,3	
	405.0		0.4	0.3	0,3,3	0.45.70e-02	0.4	0.2	1.0	1.0	3,3	
186 okT,s=21,m=131	0.0		0.4	0.3	0,3,3	0.55.70e-02	0.4	0.2	1.0	1.0	3,3	
	405.0		0.4	0.3	0,3,3	0.55.70e-02	0.4	0.2	1.0	1.0	3,3	
187 okT,s=21,m=131	0.0		0.4	0.3	0,3,3	0.45.70e-02	0.4	0.2	1.0	1.0	3,3	
	405.0		0.5	0.4	0,3,3	0.55.70e-02	0.4	0.2	1.0	1.0	3,3	
188 okT,s=21,m=131	0.0	0.4	0.5	0.5	41,3,3	0.55.70e-02	0.4	0.2	1.0	1.0	3,3	
	410.0	9.89e-02	0.2	0.3	41,38,3	0.25.70e-02	0.4	4.15e-02	1.0	1.0	38,30	
189 okT,s=21,m=131	0.0	0.5	0.4	0.5	3,38,3	0.45.70e-02	0.4	0.3	1.0	1.0	30,3	
	410.0	0.3	0.3	0.3	34,38,3	0.35.70e-02	0.4	5.85e-02	1.0	1.0	30,30	
190 okT,s=21,m=131	0.0		0.4	0.3	0,3,3	0.55.70e-02	0.4	0.2	1.0	1.0	3,3	
	405.0		0.5	0.4	0,3,3	0.65.70e-02	0.4	0.3	1.0	1.0	3,3	
191 okT,s=21,m=131	0.0		0.4	0.4	0,3,3	0.55.70e-02	0.4	0.2	1.0	1.0	3,3	
	405.0		0.5	0.4	0,3,3	0.55.70e-02	0.4	0.2	1.0	1.0	3,3	
192 okT,s=21,m=131	0.0	0.4	0.5	0.4	34,3,3	0.55.70e-02	0.4	0.2	1.0	1.0	3,3	
	405.0	0.4	0.4	0.3	34,3,3	0.45.70e-02	0.4	0.2	1.0	1.0	3,3	
193 okT,s=21,m=131	0.0	0.3	0.3	0.3	39,0,3			5.84e-02	1.0	1.0	0,35	
	410.0	0.5	0.5	0.5	3,0,3			0.2	1.0	1.0	0,3	
194 okT,s=21,m=131	0.0		0.4	0.4	0,27,3	0.75.70e-02	0.4	0.4	1.0	1.0	3,3	
	410.0		0.6	0.5	0,3,3	0.95.70e-02	0.4	0.4	1.0	1.0	3,3	
195 okT,s=21,m=131	0.0		0.6	0.4	0,3,3	0.95.70e-02	0.4	0.4	1.0	1.0	3,3	
	405.0		0.5	0.4	0,3,3	0.85.70e-02	0.4	0.4	1.0	1.0	3,3	
196 okT,s=21,m=131	0.0		0.5	0.4	0,3,3	0.85.70e-02	0.4	0.3	1.0	1.0	3,3	
	405.0		0.5	0.4	0,3,3	0.85.70e-02	0.4	0.3	1.0	1.0	3,3	
197 okT,s=21,m=131	0.0		0.5	0.4	0,3,3	0.75.70e-02	0.4	0.3	1.0	1.0	3,3	
	405.0		0.6	0.5	0,3,3	0.85.70e-02	0.4	0.4	1.0	1.0	3,3	
198 okT,s=21,m=131	0.0		0.6	0.6	0,3,3	0.95.70e-02	0.4	0.3	1.0	1.0	3,3	
	410.0		0.4	0.3	0,30,3	0.55.70e-02	0.4	0.3	1.0	1.0	3,3	
199 okT,s=21,m=131	0.0	0.4	0.5	0.5	31,3,3	0.55.70e-02	0.4	0.2	1.0	1.0	3,3	
	410.0	7.81e-02	0.2	0.3	31,32,3	0.25.70e-02	0.4	4.02e-02	1.0	1.0	32,32	
200 okT,s=21,m=131	0.0		0.4	0.3	0,3,3	0.45.70e-02	0.4	0.2	1.0	1.0	3,3	
	405.0		0.5	0.4	0,3,3	0.55.70e-02	0.4	0.2	1.0	1.0	3,3	
201 okT,s=21,m=131	0.0		0.4	0.3	0,3,3	0.55.70e-02	0.4	0.2	1.0	1.0	3,3	
	405.0		0.4	0.3	0,3,3	0.55.70e-02	0.4	0.2	1.0	1.0	3,3	
202 okT,s=21,m=131	0.0		0.5	0.4	0,3,3	0.55.70e-02	0.4	0.2	1.0	1.0	3,3	
	405.0		0.4	0.3	0,3,3	0.45.70e-02	0.4	0.2	1.0	1.0	3,3	
203 okT,s=21,m=131	0.0	9.68e-02	0.2	0.3	16,29,3	0.25.70e-02	0.4	4.42e-02	1.0	1.0	29,29	
	410.0	0.3	0.5	0.5	26,3,3	0.55.70e-02	0.4	0.2	1.0	1.0	3,3	
204 okT,s=21,m=131	0.0	0.3	0.3	0.3	37,33,3	0.35.70e-02	0.4	6.41e-02	1.0	1.0	33,29	
	410.0	0.5	0.4	0.5	3,33,3	0.45.70e-02	0.4	0.2	1.0	1.0	33,3	
205 okT,s=21,m=131	0.0	0.4	0.5	0.4	28,3,3	0.55.70e-02	0.4	0.3	1.0	1.0	3,3	
	405.0	0.4	0.4	0.3	28,3,3	0.55.70e-02	0.4	0.2	1.0	1.0	3,3	
206 okT,s=21,m=131	0.0		0.4	0.4	0,3,3	0.55.70e-02	0.4	0.2	1.0	1.0	3,3	
	405.0		0.4	0.4	0,3,3	0.55.70e-02	0.4	0.2	1.0	1.0	3,3	
207 okT,s=21,m=131	0.0	0.4	0.4	0.3	27,3,3	0.45.70e-02	0.4	0.2	1.0	1.0	3,3	
	405.0	0.4	0.5	0.4	27,3,3	0.55.70e-02	0.4	0.3	1.0	1.0	3,3	
208 okT,s=21,m=131	0.0	0.6	0.4	0.5	3,32,3	0.45.70e-02	0.4	0.3	1.0	1.0	32,3	
	410.0	0.3	0.3	0.3	40,32,3	0.35.70e-02	0.4	6.05e-02	1.0	1.0	32,40	
209 okT,s=21,m=131	0.0		0.6	0.5	0,3,3	1.05.70e-02	0.4	0.4	1.0	1.0	3,3	
	410.0		0.4	0.4	0,40,3	0.75.70e-02	0.4	0.4	1.0	1.0	3,3	

Elem.	Ver N+M	Ver N/M	Ver V/T	Ver N(s)	Kcy	Kcz	Ver M(s)	Kcrit(y)	Kcrit(z)
	0.56	0.86	0.56	0.97	0.06	0.43	0.76	1.00	1.00

Elem.	w,net R	w,net F	w,net P	Rif. cmb	Kdef	w,net Ri	w,net Fi	w,net Pi	Rif. cmb
11	9.79e-02	8.80e-02	8.80e-02	8,74,76	0.8	0.2	0.2	0.2	8,74,76
12	9.69e-02	8.23e-02	8.23e-02	8,74,76	0.8	0.2	0.1	0.1	8,74,76
14	0.4	0.3	0.3	8,74,76	0.8	0.7	0.5	0.5	8,74,76
28	0.2	0.1	0.1	8,74,76	0.8	0.3	0.3	0.3	8,74,76
29	0.4	0.3	0.3	8,74,76	0.8	0.7	0.6	0.6	8,74,76
33	0.5	0.4	0.4	8,74,76	0.8	0.9	0.7	0.7	8,74,76
34	0.4	0.3	0.3	8,74,76	0.8	0.7	0.6	0.6	8,74,76
37	0.8	0.6	0.6	8,74,76	0.8	1.4	1.1	1.1	8,74,76
51	0.5	0.4	0.4	8,74,76	0.8	0.8	0.6	0.6	8,74,76
52	0.5	0.4	0.4	8,74,76	0.8	0.9	0.7	0.7	8,74,76
54	0.2	0.2	0.2	8,74,76	0.8	0.4	0.3	0.3	8,74,76
55	8.43e-02	6.42e-02	6.42e-02	8,74,76	0.8	0.2	0.1	0.1	8,74,76
65	0.3	0.2	0.2	8,74,76	0.8	0.5	0.3	0.3	8,74,76
66	9.89e-02	8.77e-02	8.77e-02	8,74,76	0.8	0.2	0.2	0.2	8,74,76
69	1.4	1.1	1.1	8,74,76	0.8	2.6	2.0	2.0	8,74,76
77	0.2	0.1	0.1	8,74,76	0.8	0.3	0.2	0.2	8,74,76
81	1.7	1.3	1.3	8,74,76	0.8	3.1	2.3	2.3	8,74,76
144	1.2	0.9	0.9	8,74,76	0.8	2.1	1.7	1.7	8,74,76
145	0.5	0.4	0.4	8,74,76	0.8	1.0	0.8	0.8	8,74,76
146	1.5	1.2	1.2	8,74,76	0.8	2.8	2.1	2.1	8,74,76
147	2.0	1.5	1.5	8,74,76	0.8	3.6	2.8	2.8	8,74,76
148	0.6	0.4	0.4	8,74,76	0.8	1.0	0.8	0.8	8,74,76
149	2.0	1.5	1.5	8,74,76	0.8	3.6	2.7	2.7	8,74,76
150	1.2	1.0	1.0	8,74,76	0.8	2.2	1.7	1.7	8,74,76
151	1.5	1.2	1.2	8,74,76	0.8	2.8	2.1	2.1	8,74,76
152	1.4	1.1	1.1	8,74,76	0.8	2.5	2.0	2.0	8,74,76
153	0.6	0.5	0.5	8,74,76	0.8	1.2	0.9	0.9	8,74,76
154	1.8	1.4	1.4	8,74,76	0.8	3.2	2.4	2.4	8,74,76
155	2.3	1.8	1.8	8,74,76	0.8	4.2	3.2	3.2	8,74,76
156	0.6	0.5	0.5	8,74,76	0.8	1.2	0.9	0.9	8,74,76
157	2.2	1.7	1.7	8,74,76	0.8	4.0	3.1	3.1	8,74,76
158	1.5	1.2	1.2	8,74,76	0.8	2.8	2.2	2.2	8,74,76
159	1.8	1.4	1.4	8,74,76	0.8	3.2	2.5	2.5	8,74,76
160	1.3	1.0	1.0	8,74,76	0.8	2.3	1.8	1.8	8,74,76
161	0.6	0.5	0.5	8,74,76	0.8	1.2	0.9	0.9	8,74,76
162	1.7	1.3	1.3	8,74,76	0.8	3.0	2.3	2.3	8,74,76
163	2.2	1.7	1.7	8,74,76	0.8	4.0	3.1	3.1	8,74,76
164	0.6	0.5	0.5	8,74,76	0.8	1.1	0.8	0.8	8,74,76
165	2.1	1.6	1.6	8,74,76	0.8	3.8	2.9	2.9	8,74,76
166	1.5	1.2	1.2	8,74,76	0.8	2.7	2.1	2.1	8,74,76
167	1.7	1.3	1.3	8,74,76	0.8	3.1	2.4	2.4	8,74,76
168	0.9	0.7	0.7	8,74,76	0.8	1.6	1.2	1.2	8,74,76
169	0.6	0.5	0.5	8,74,76	0.8	1.1	0.9	0.9	8,74,76
170	1.3	1.0	1.0	8,74,76	0.8	2.3	1.7	1.7	8,74,76
171	1.9	1.4	1.4	8,74,76	0.8	3.4	2.6	2.6	8,74,76
172	0.4	0.3	0.3	8,74,76	0.8	0.7	0.5	0.5	8,74,76
173	1.7	1.3	1.3	8,74,76	0.8	3.0	2.3	2.3	8,74,76
174	1.1	0.8	0.8	8,74,76	0.8	1.9	1.5	1.5	8,74,76
175	1.5	1.2	1.2	8,74,76	0.8	2.7	2.1	2.1	8,74,76
176	8.60e-02	7.00e-02	7.00e-02	8,74,76	0.8	0.2	0.1	0.1	8,74,76
177	0.2	0.2	0.2	8,74,76	0.8	0.4	0.3	0.3	8,74,76
178	7.18e-02	6.05e-02	6.05e-02	8,74,76	0.8	0.1	0.1	0.1	8,74,76
179	0.4	0.3	0.3	8,74,76	0.8	0.7	0.6	0.6	8,74,76
180	9.54e-02	8.00e-02	8.00e-02	8,74,76	0.8	0.2	0.1	0.1	8,74,76
181	0.1	7.11e-02	7.11e-02	8,74,76	0.8	0.2	0.1	0.1	8,74,76
182	0.2	0.2	0.2	8,74,76	0.8	0.3	0.3	0.3	8,74,76
183	0.3	0.3	0.3	8,74,76	0.8	0.6	0.5	0.5	8,74,76
184	1.5	1.2	1.2	8,74,76	0.8	2.7	2.1	2.1	8,74,76
185	0.4	0.3	0.3	8,74,76	0.8	0.7	0.6	0.6	8,74,76
186	0.5	0.4	0.4	8,74,76	0.8	0.8	0.6	0.6	8,74,76
187	0.5	0.4	0.4	8,74,76	0.8	0.8	0.6	0.6	8,74,76
188	1.3	1.0	1.0	8,74,76	0.8	2.3	1.8	1.8	8,74,76
189	0.9	0.7	0.7	8,74,76	0.8	1.6	1.2	1.2	8,74,76
190	0.4	0.3	0.3	8,74,76	0.8	0.7	0.5	0.5	8,74,76
191	0.5	0.4	0.4	8,74,76	0.8	0.8	0.7	0.7	8,74,76
192	0.4	0.3	0.3	8,74,76	0.8	0.7	0.5	0.5	8,74,76
193	1.0	0.8	0.8	8,74,76	0.8	1.9	1.4	1.4	8,74,76
194	0.8	0.6	0.6	8,74,76	0.8	1.4	1.1	1.1	8,74,76
195	0.4	0.3	0.3	8,74,76	0.8	0.7	0.6	0.6	8,74,76
196	0.5	0.4	0.4	8,74,76	0.8	0.9	0.7	0.7	8,74,76
197	0.4	0.3	0.3	8,74,76	0.8	0.7	0.5	0.5	8,74,76
198	0.8	0.6	0.6	8,74,76	0.8	1.4	1.1	1.1	8,74,76
199	1.3	1.0	1.0	8,74,76	0.8	2.3	1.7	1.7	8,74,76
200	0.4	0.3	0.3	8,74,76	0.8	0.7	0.5	0.5	8,74,76
201	0.5	0.4	0.4	8,74,76	0.8	0.8	0.6	0.6	8,74,76
202	0.4	0.3	0.3	8,74,76	0.8	0.7	0.6	0.6	8,74,76

203	1.5	1.2	1.2	8,74,76	0.8	2.7	2.1	2.1	8,74,76
204	1.1	0.8	0.8	8,74,76	0.8	1.9	1.5	1.5	8,74,76
205	0.4	0.3	0.3	8,74,76	0.8	0.7	0.5	0.5	8,74,76
206	0.5	0.4	0.4	8,74,76	0.8	0.8	0.6	0.6	8,74,76
207	0.4	0.3	0.3	8,74,76	0.8	0.6	0.5	0.5	8,74,76
208	0.9	0.7	0.7	8,74,76	0.8	1.6	1.2	1.2	8,74,76
209	0.8	0.6	0.6	8,74,76	0.8	1.4	1.1	1.1	8,74,76
Elem.	w,net R	w,net F	w,net P			w,net Ri	w,net Fi	w,net Pi	
	2.31	1.78	1.78			4.15	3.21	3.21	