RELAZIONE DI CALCOLO

ANTE OPERAM

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”.

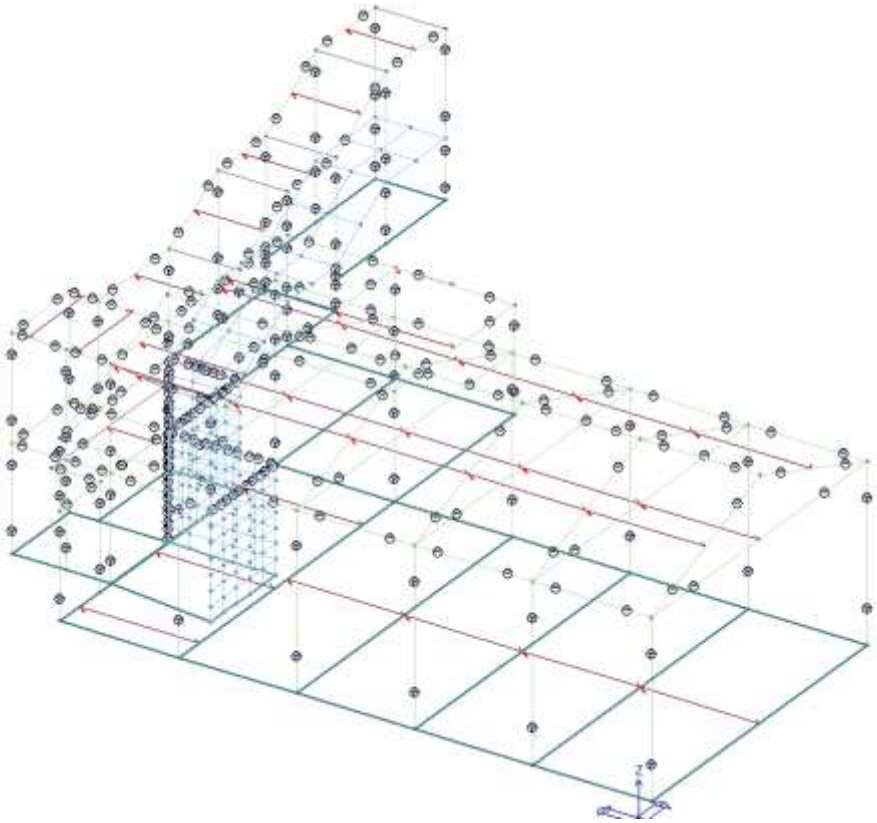
Origine e Caratteristiche dei Codici di Calcolo	
Codice di calcolo:	PRO_SAP PROfessional Structural Analysis Program
Versione:	PROFESSIONAL (build 2021-05-192)
Produttore- Distributore:	2S.I. Software e Servizi per l’Ingegneria s.r.l. Via Garibaldi, 90 44121 Ferrara FE (Italy) Tel. +39 0532 200091 www.2si.it

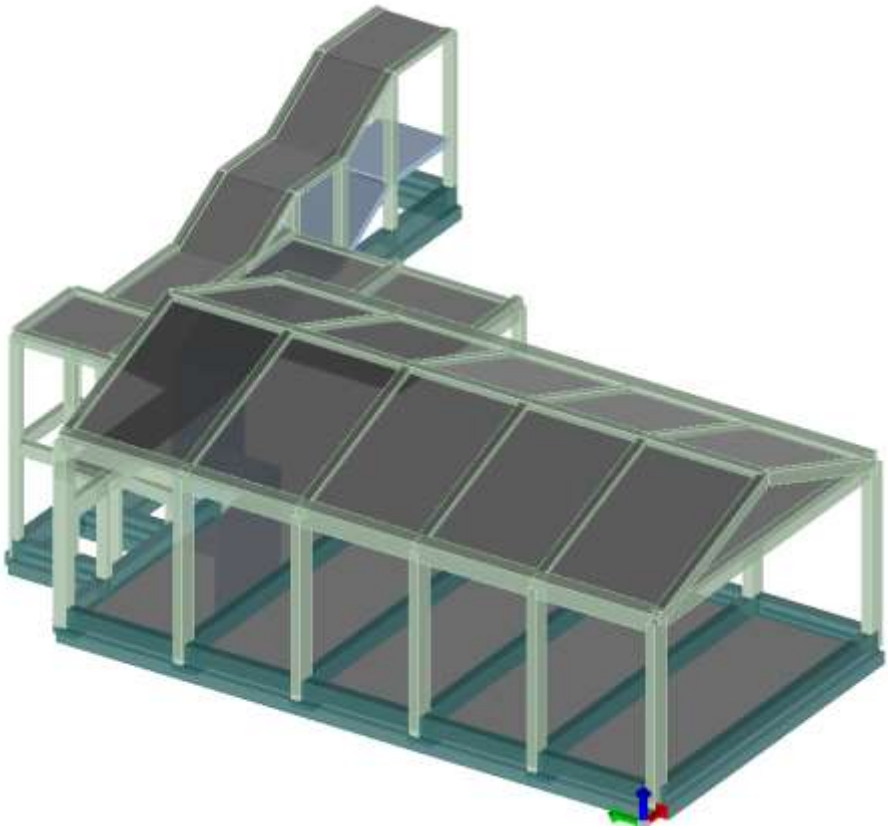
Descrizione	
Ubicazione	Comune di COLONNA (RM) (Regione LAZIO)
	Località COLONNA (RM)
	Longitudine 12.752, Latitudine 41.835

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

MODELLAZIONE





Contenuti della relazione:
RELAZIONE DI CALCOLO STRUTTURALE
- Origine e Caratteristiche dei Codici di Calcolo
- Affidabilità dei codici utilizzati
- Validazione dei codici
- Tipo di analisi svolta
- Modalità di presentazione dei risultati
- Informazioni generali sull'elaborazione
- Giudizio motivato di accettabilità dei risultati
STAMPA DEI DATI DI INGRESSO
- Normative prese a riferimento
- Criteri adottati per le misure di sicurezza
- Criteri seguiti nella schematizzazione della struttura, dei vincoli e delle sconessioni
- Interazione tra terreno e struttura
- Legami costitutivi adottati per la modellazione dei materiali e dei terreni
- Schematizzazione delle azioni, condizioni e combinazioni di carico
- Metodologie numeriche utilizzate per l' analisi strutturale
-Metodologie numeriche utilizzate per la progettazione e la verifica degli elementi strutturali
STAMPA DEI RISULTATI

Il Progettista:

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

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

Fattore di struttura
ANALISI PUSHOVER FATTORE DI COMPORTAMENTO PARI A 1.00

Quadro normativo di riferimento adottato

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

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

Livelli di conoscenza e fattori di confidenza

Il livello di conoscenza, per edifici esistenti è 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:

K * u = F dove **K** = matrice di rigidezza
u = vettore spostamenti nodali
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	SI

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

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

Informazioni sul codice di calcolo	
Titolo:	PRO_SAP PROfessional Structural Analysis Program
Versione:	PROFESSIONAL (build 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	105
elementi D2 (per aste, travi, pilastri…)	151
elementi D3 (per pareti, platee, gusci…)	16
elementi solaio	30
elementi solidi	0
Dimensione del modello strutturale [cm]:	
X min =	121.14
Xmax =	2733.91
Ymin =	35.92
Ymax =	2780.93
Zmin =	0.00
Zmax =	810.00
Strutture verticali:	
Elementi di tipo asta	NO
Pilastri	SI
Pareti	NO
Setti (a comportamento membranale)	NO

Strutture non verticali:	
Elementi di tipo asta	NO
Travi	SI
Gusci	SI
Membrane	NO
Orizzontamenti:	
Solai con la proprietà piano rigido	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 inviluppi (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 inviluppi 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 riportata informazioni esaustive relative all'elenco dei materiali impiegati e loro modalità di posa in opera e ai valori di calcolo.

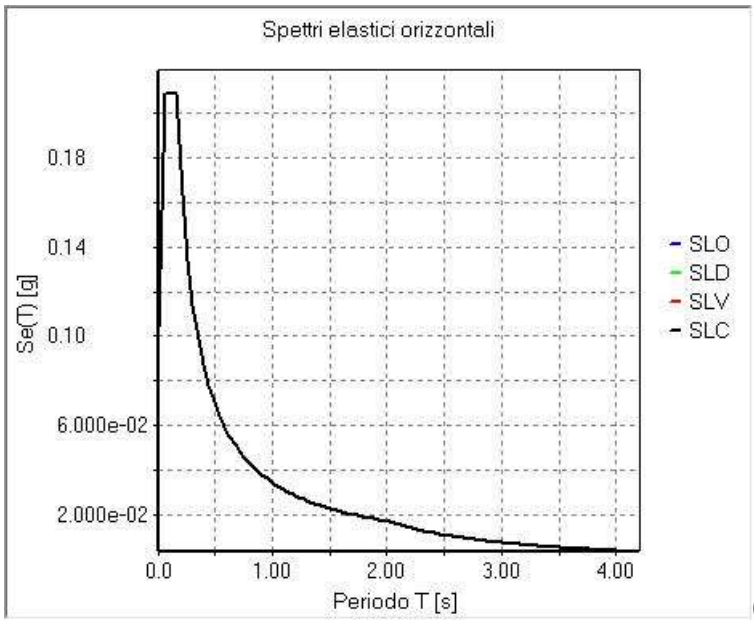
NORMATIVA DI RIFERIMENTO

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

Azioni del vento.

20. UNI EN 1991-1-5:2004 01/10/2004 Eurocodice 1 - Azioni sulle strutture - Parte 1-5: Azioni in generale - Azioni termiche.
21. UNI EN 1992-1-1:2005 24/11/2005 Eurocodice 2 - Progettazione delle strutture di calcestruzzo - Parte 1-1: Regole generali e regole per gli edifici.
22. UNI EN 1992-1-2:2005 01/04/2005 Eurocodice 2 - Progettazione delle strutture di calcestruzzo - Parte 1-2: Regole generali - Progettazione strutturale contro l'incendio.
23. UNI EN 1993-1-1:2005 01/08/2005 Eurocodice 3 - Progettazione delle strutture di acciaio - Parte 1-1: Regole generali e regole per gli edifici.
24. UNI EN 1993-1-8:2005 01/08/2005 Eurocodice 3 - Progettazione delle strutture di acciaio - Parte 1-8: Progettazione dei collegamenti.
25. UNI EN 1994-1-1:2005 01/03/2005 Eurocodice 4 - Progettazione delle strutture composte acciaio-calcestruzzo - Parte 1-1: Regole generali e regole per gli edifici.
26. UNI EN 1994-2:2006 12/01/2006 Eurocodice 4 - Progettazione delle strutture composte acciaio-calcestruzzo - Parte 2: Regole generali e regole per i ponti.
27. UNI EN 1995-1-1:2005 01/02/2005 Eurocodice 5 - Progettazione delle strutture di legno - Parte 1-1: Regole generali – Regole comuni e regole per gli edifici.
28. UNI EN 1995-2:2005 01/01/2005 Eurocodice 5 - Progettazione delle strutture di legno - Parte 2: Ponti.
29. UNI EN 1996-1-1:2006 26/01/2006 Eurocodice 6 - Progettazione delle strutture di muratura - Parte 1-1: Regole generali per strutture di muratura armata e non armata.
30. UNI EN 1996-3:2006 09/03/2006 Eurocodice 6 - Progettazione delle strutture di muratura - Parte 3: Metodi di calcolo semplificato per strutture di muratura non armata.
31. UNI EN 1997-1:2005 01/02/2005 Eurocodice 7 - Progettazione geotecnica - Parte 1: Regole generali.
32. UNI EN 1998-1:2005 01/03/2005 Eurocodice 8 - Progettazione delle strutture per la resistenza sismica - Parte 1: Regole generali, azioni sismiche e regole per gli edifici.
33. UNI EN 1998-3:2005 01/08/2005 Eurocodice 8 - Progettazione delle strutture per la resistenza sismica - Parte 3: Valutazione e adeguamento degli edifici.
34. UNI EN 1998-5:2005 01/01/2005 Eurocodice 8 - Progettazione delle strutture per la resistenza sismica - Parte 5: Fondazioni, strutture di contenimento ed aspetti geotecnici.

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



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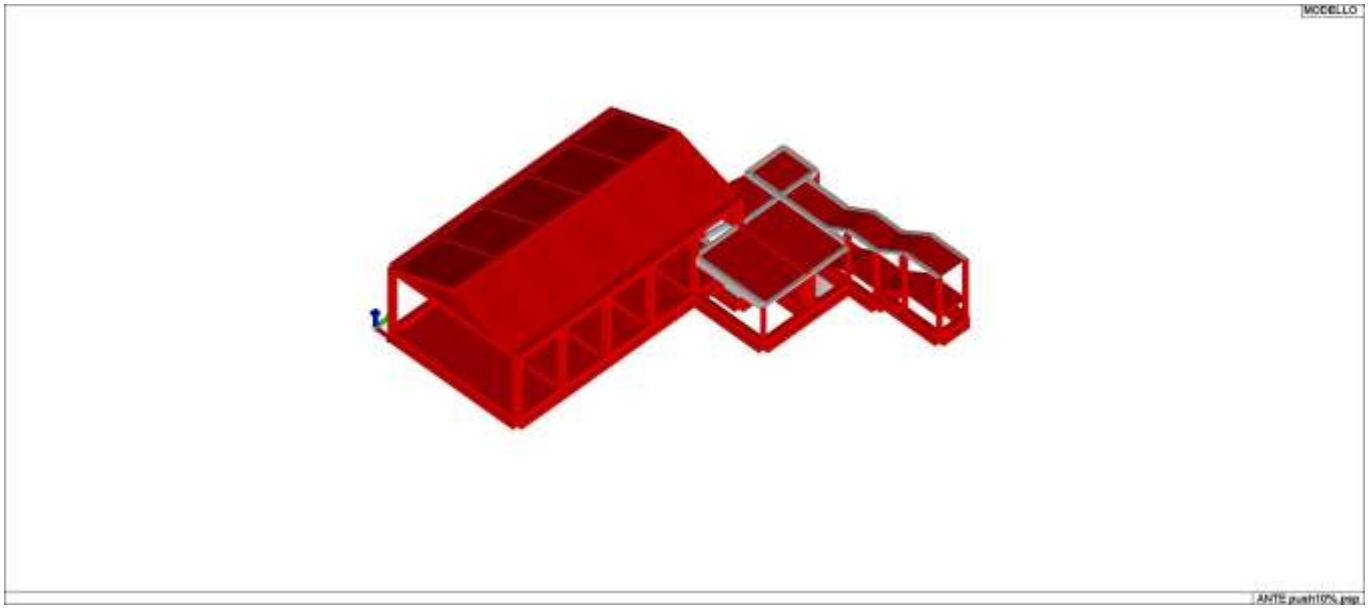

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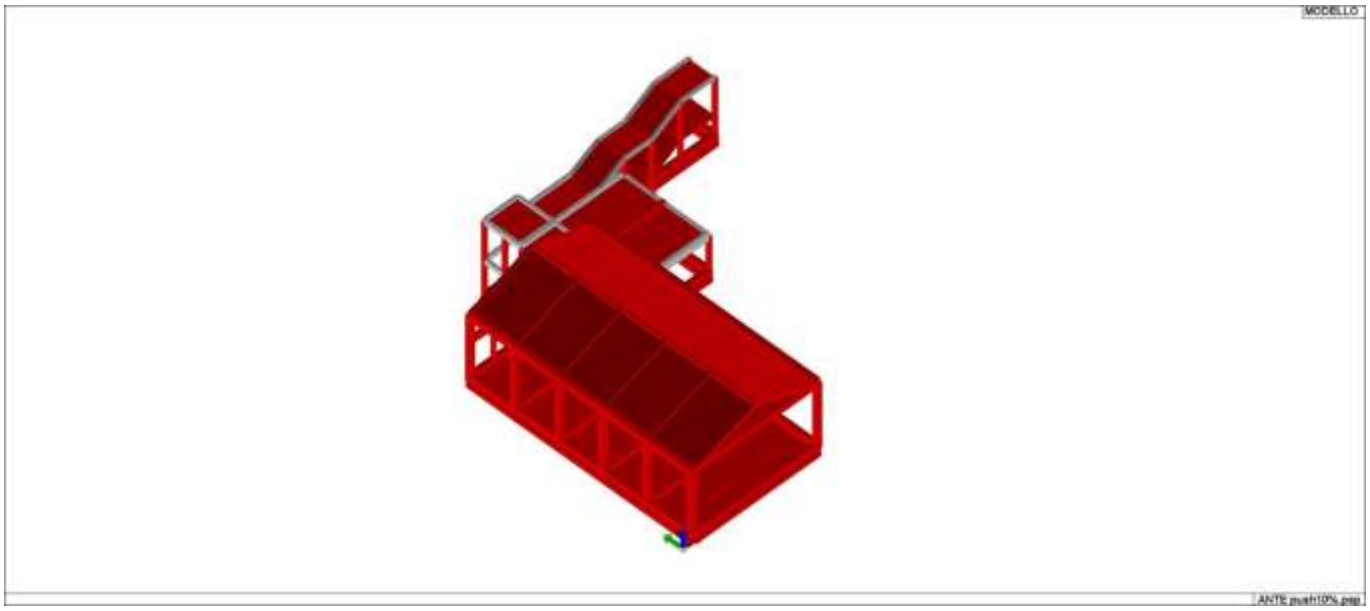

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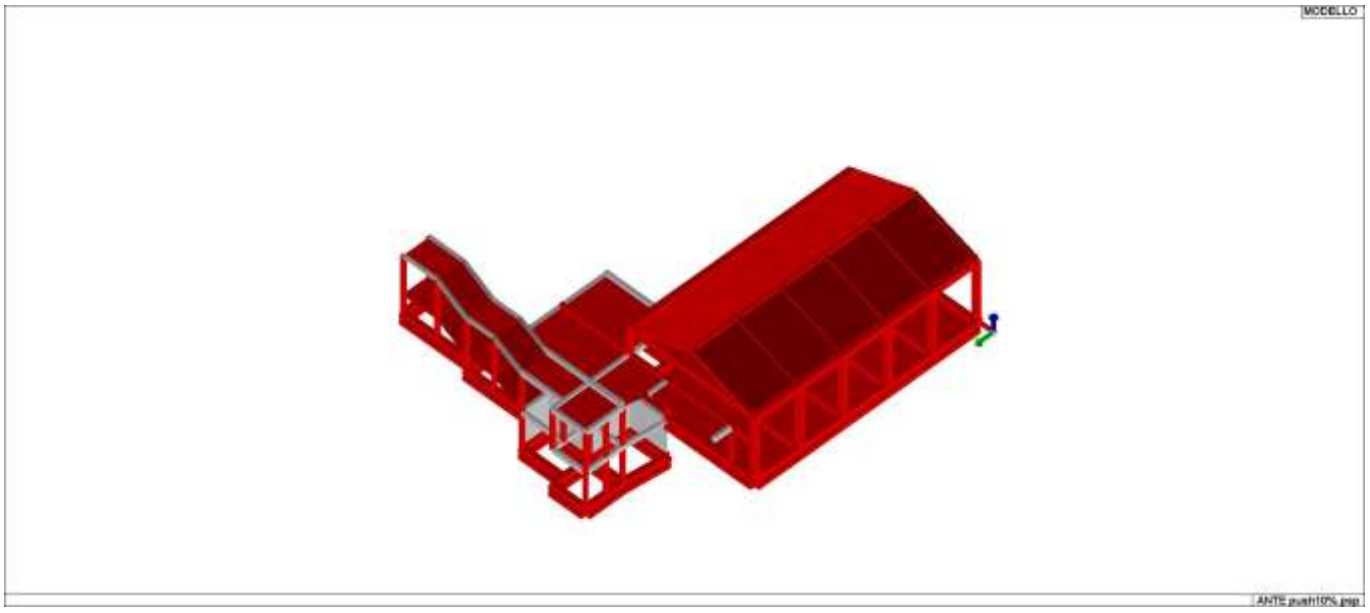

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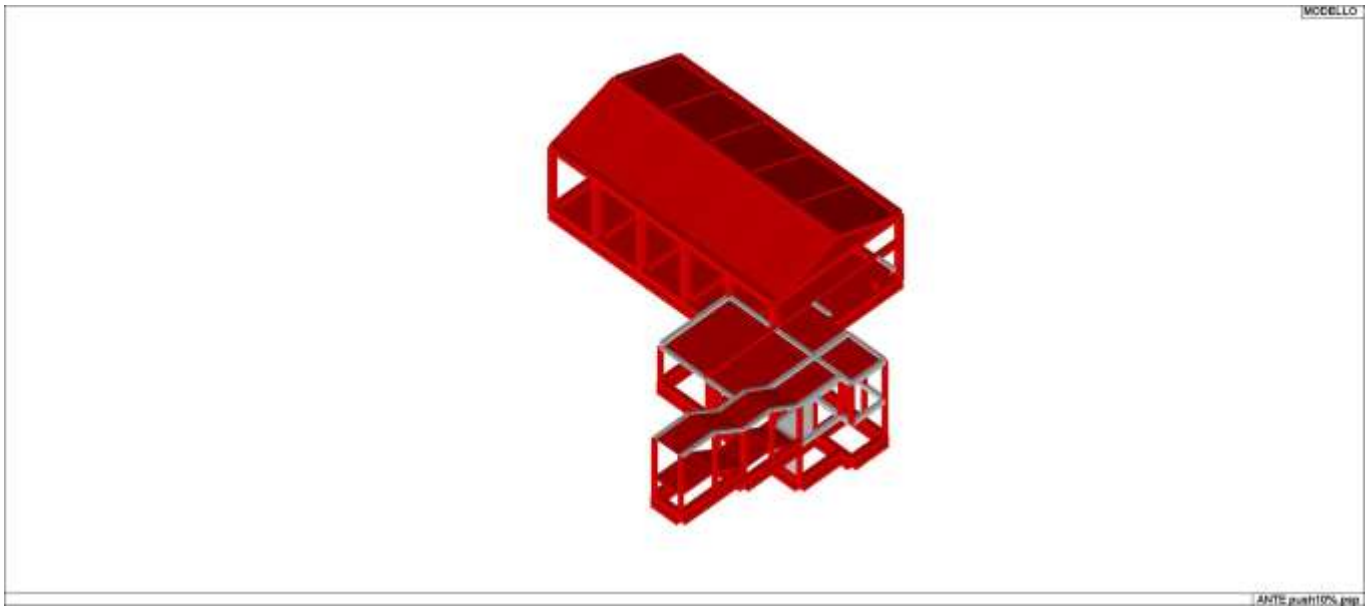

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CARATTERISTICHE MATERIALI UTILIZZATI

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 ni
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	Coefficinete 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 cmpressione 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		

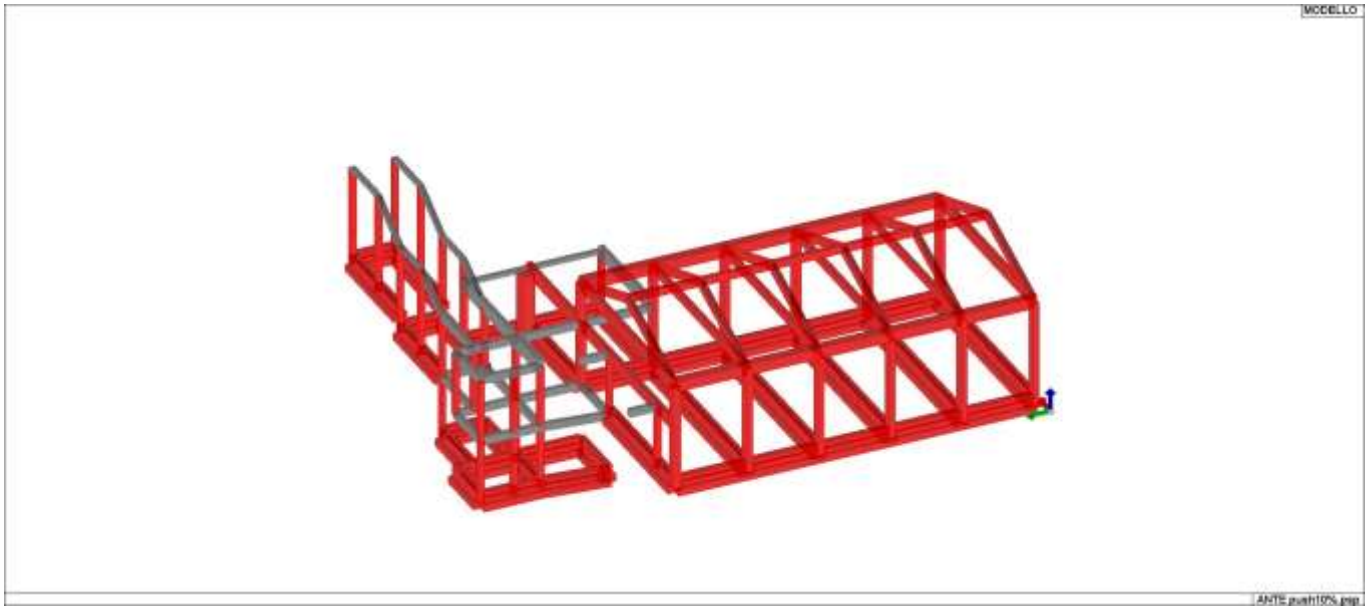
a		
	Muratura consolidata	Muratura per la quale si prevedono interventi di rinforzo"
	Incremento resistenza	Incremento conseguito in termini di resistenza
	Incremento rigidezza	Incremento conseguito in termini di rigidezza
	Resistenza f	Valore della resistenza a compressione
	Resistenza fv0	Valore della 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)

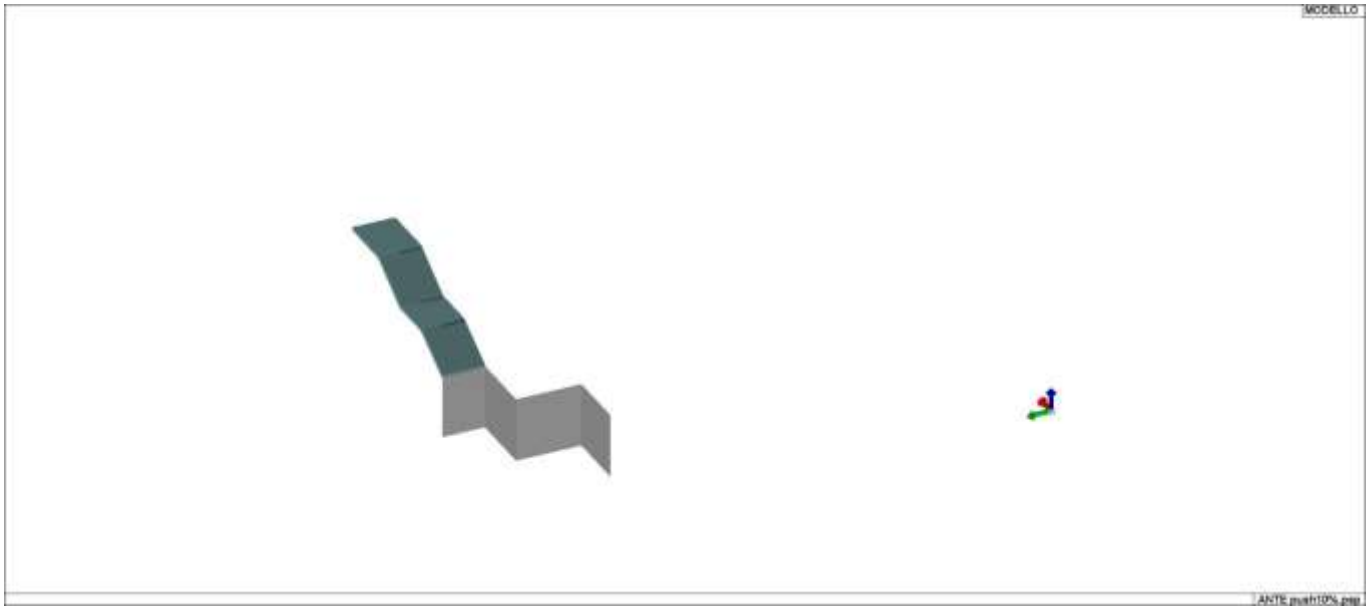
Vengono inoltre riportate le tabelle contenenti il riassunto delle informazioni assegnate nei criteri di progetto in uso.

Id	Tipo / Note	V. caratt.	V. medio	Young	Poisson	G	Gamma	Alfa	Altri
		N/mm2	N/mm2	N/mm2		N/mm2	N/mm3		
1	Calcestruzzo Classe C25/30 < MATERIALE NUOVO >			3.145e+04	0.20	1.310e+04	2.50e-05	1.00e-05	
	Resistenza Rc	30.0	39.6						
	Resistenza fctm		2.6						
	Rapporto Rfessurata								1.00
	Coefficiente ksb								0.85
	Rapporto HRDb								1.00e-05
	Rapporto HRDv								1.00e-05
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

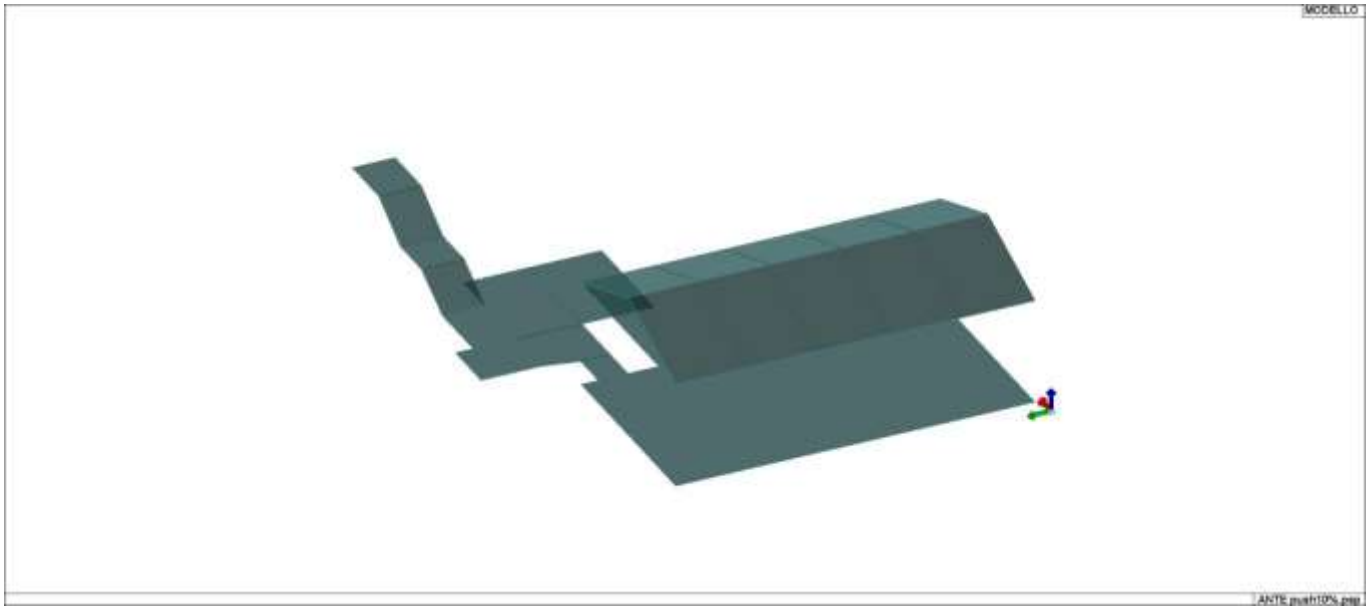
Id	Tipo / Note	V. caratt.	V. medio	Young	Poisson	G	Gamma	Alfa	Altri
	Rapporto HRDb								1.00e-05
	Rapporto HRDv								1.00e-05



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 FONDAZIONE	Singolo elemento NON DISSIPATIVO	Singolo elemento		
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 inviluppo taglio	NO	NO	NO	NO		

Pareti c.a.	**1/7/..**	**2/8/..**	**3/9/..**	**4/10/..**	**5/11/..**	**6/12/..**
Vincolo lati	nessun lato	nessun lato	nessun lato	nessun lato		
Verifica come fascia	NO	NO	NO	NO		
Diametro di estremità	0	0	0	0		
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		

Travi c.a.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Coefficiente gamma s	1.15	1.15	1.15	1.15		
Coefficiente gamma c	1.50	1.50	1.50	1.50		
Verifiche con N costante	SI	SI	SI	SI		
Fattore di ridistribuzione	0.0	0.0	0.0	0.0		
Modello per il confinamento						
Relazione tensio-deformativa	Mander	Mander	Mander	Mander		
Incrudimento acciaio	5.000e-03	5.000e-03	5.000e-03	5.000e-03		
Fattore lambda	1.00	1.00	1.00	1.00		
epsilon max,s	4.000e-02	4.000e-02	4.000e-02	4.000e-02		
epsilon cu2	4.500e-03	4.500e-03	4.500e-03	4.500e-03		
epsilon c2	0.0	0.0	0.0	0.0		
epsilon cy	0.0	0.0	0.0	0.0		
Tensioni ammissibili						
Tensione amm. cls [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		

Pilastri c.a.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Generalità						
Progetto armatura	Privilegia lati	Privilegia lati	Privilegia lati	Privilegia lati		
Progetta a filo	NO	NO	NO	SI		
Effetti del 2 ordine	SI	SI	SI	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*L*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 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		
Fattore di ridistribuzione	0.0	0.0	0.0	0.0		
Tensioni ammissibili						
Tensione amm. cls [N/mm2]	8.50	8.50	8.50	8.50		
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		
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 Ta	0.0	0.0	0.0	0.0		
Altezza pannello	0.0	0.0	0.0	0.0		

MODELLAZIONE DELLE SEZIONI

LEGENDA TABELLA DATI SEZIONI

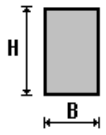
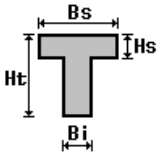
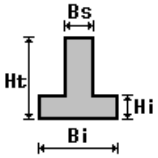
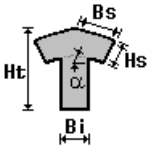
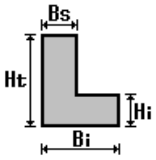
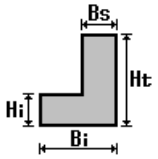
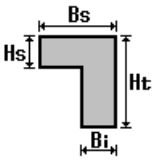
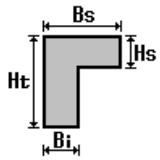
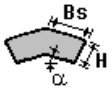
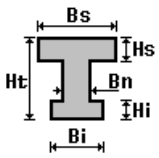
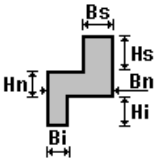
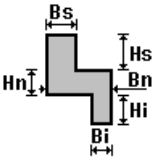
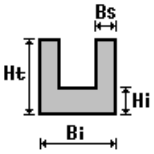
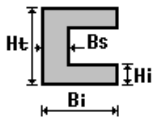
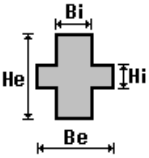
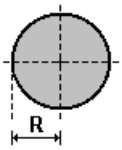
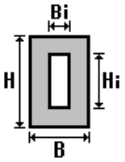
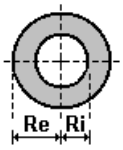
Il programma consente l'uso di sezioni diverse. Sono previsti i seguenti tipi di sezione:

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

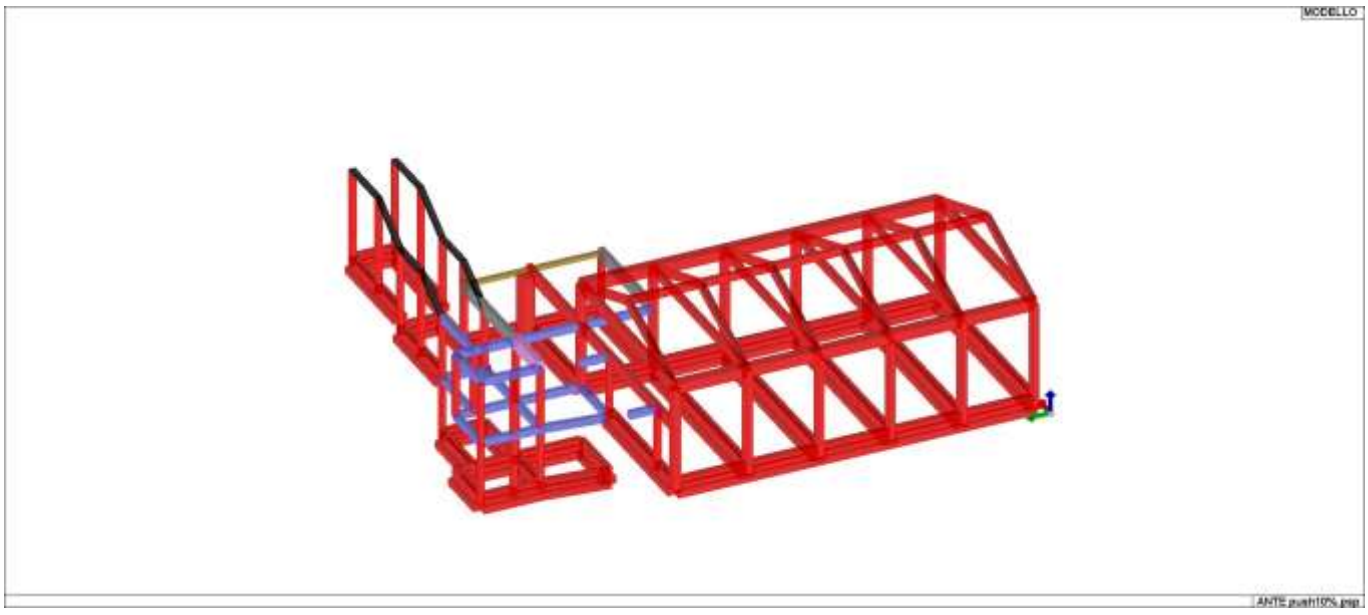
I dati sopra riportati vengono utilizzati per la determinazione dei carichi inerziali e per la definizione delle rigidezze degli elementi strutturali; qualora il valore di Area V2 (e/o Area V3) sia nullo la deformabilità per taglio V2 (e/o V3) è trascurata. La valutazione delle caratteristiche inerziali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

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
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
11	P40x50-Rettangolare: b=40 h=50	2000.00	1666.67	1666.67	5.498e+05	2.667e+05	4.167e+05	1.333e+04	1.667e+04	2.000e+04	2.500e+04
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=71 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



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:

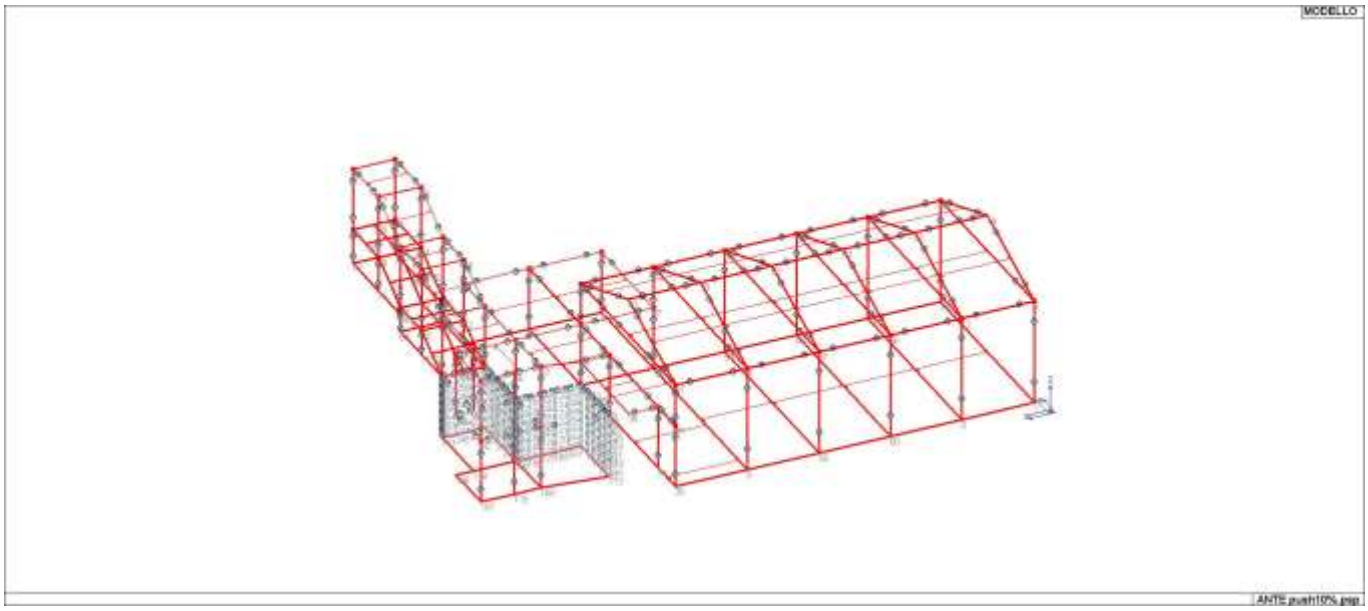
Nodo	numero del nodo.
X	valore della coordinata X
Y	valore della coordinata Y
Z	valore della coordinata Z
Note	eventuale codice di vincolo (es. v=110010 sei valori relativi ai sei gradi di libertà previsti per il nodo TxTyTzRxRyRz, il valore 1 indica che lo spostamento o rotazione relativo è impedito, 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	333.9	2070.9	600.0	38	693.6	1660.9	810.0	39	921.4	2070.9	0.0
40	693.6	2070.9	810.0	41	921.4	2070.9	600.0	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	1266.1	2780.9	-360.0	107	962.4	2780.9	-360.0	108	962.4	2440.9	-360.0
109	1266.1	2440.9	-360.0	110	1643.9	2440.9	-360.0	111	1643.9	2680.9	-360.0
112	1266.1	2070.9	-360.0	113	921.4	2070.9	-360.0	114	1266.1	2680.9	-360.0
115	962.4	2593.4	-360.0	116	921.4	2070.9	-308.6	117	990.4	2070.9	-308.6
118	990.4	2070.9	-360.0	119	921.4	2070.9	-257.1	120	990.4	2070.9	-257.1
121	921.4	2070.9	-205.7	122	990.4	2070.9	-205.7	123	921.4	2070.9	-154.3
124	990.4	2070.9	-154.3	125	921.4	2070.9	-102.9	126	990.4	2070.9	-102.9
127	921.4	2070.9	-51.4	128	990.4	2070.9	-51.4	129	990.4	2070.9	0.0
130	1059.3	2070.9	-308.6	131	1059.3	2070.9	-360.0	132	1059.3	2070.9	-257.1
133	1059.3	2070.9	-205.7	134	1059.3	2070.9	-154.3	135	1059.3	2070.9	-102.9
136	1059.3	2070.9	-51.4	137	1059.3	2070.9	0.0	138	1128.2	2070.9	-308.6
139	1128.2	2070.9	-360.0	140	1128.2	2070.9	-257.1	141	1128.2	2070.9	-205.7
142	1128.2	2070.9	-154.3	143	1128.2	2070.9	-102.9	144	1128.2	2070.9	-51.4
145	1128.2	2070.9	0.0	146	1197.2	2070.9	-308.6	147	1197.2	2070.9	-360.0
148	1197.2	2070.9	-257.1	149	1197.2	2070.9	-205.7	150	1197.2	2070.9	-154.3
151	1197.2	2070.9	-102.9	152	1197.2	2070.9	-51.4	153	1197.2	2070.9	0.0
154	1266.1	2070.9	-308.6	155	1266.1	2070.9	-257.1	156	1266.1	2070.9	-205.7
157	1266.1	2070.9	-154.3	158	1266.1	2070.9	-102.9	159	1266.1	2070.9	-51.4
160	1266.1	2144.9	-308.6	161	1266.1	2144.9	-360.0	162	1266.1	2144.9	-257.1
163	1266.1	2144.9	-205.7	164	1266.1	2144.9	-154.3	165	1266.1	2144.9	-102.9
166	1266.1	2144.9	-51.4	167	1266.1	2144.9	0.0	168	1266.1	2218.9	-308.6
169	1266.1	2218.9	-360.0	170	1266.1	2218.9	-257.1	171	1266.1	2218.9	-205.7
172	1266.1	2218.9	-154.3	173	1266.1	2218.9	-102.9	174	1266.1	2218.9	-51.4
175	1266.1	2218.9	0.0	176	1266.1	2292.9	-308.6	177	1266.1	2292.9	-360.0
178	1266.1	2292.9	-257.1	179	1266.1	2292.9	-205.7	180	1266.1	2292.9	-154.3
181	1266.1	2292.9	-102.9	182	1266.1	2292.9	-51.4	183	1266.1	2292.9	0.0
184	1266.1	2366.9	-308.6	185	1266.1	2366.9	-360.0	186	1266.1	2366.9	-257.1
187	1266.1	2366.9	-205.7	188	1266.1	2366.9	-154.3	189	1266.1	2366.9	-102.9
190	1266.1	2366.9	-51.4	191	1266.1	2366.9	0.0	192	1266.1	2440.9	-308.6
193	1266.1	2440.9	-257.1	194	1266.1	2440.9	-205.7	195	1266.1	2440.9	-154.3
196	1266.1	2440.9	-102.9	197	1266.1	2440.9	-51.4	198	1341.7	2440.9	-308.6
199	1341.7	2440.9	-360.0	200	1341.7	2440.9	-257.1	201	1341.7	2440.9	-205.7
202	1341.7	2440.9	-154.3	203	1341.7	2440.9	-102.9	204	1341.7	2440.9	-51.4
205	1341.7	2440.9	0.0	206	1417.2	2440.9	-308.6	207	1417.2	2440.9	-360.0
208	1417.2	2440.9	-257.1	209	1417.2	2440.9	-205.7	210	1417.2	2440.9	-154.3
211	1417.2	2440.9	-102.9	212	1417.2	2440.9	-51.4	213	1417.2	2440.9	0.0
214	1492.8	2440.9	-308.6	215	1492.8	2440.9	-360.0	216	1492.8	2440.9	-257.1
217	1492.8	2440.9	-205.7	218	1492.8	2440.9	-154.3	219	1492.8	2440.9	-102.9
220	1492.8	2440.9	-51.4	221	1492.8	2440.9	0.0	222	1568.4	2440.9	-308.6
223	1568.4	2440.9	-360.0	224	1568.4	2440.9	-257.1	225	1568.4	2440.9	-205.7
226	1568.4	2440.9	-154.3	227	1568.4	2440.9	-102.9	228	1568.4	2440.9	-51.4
229	1568.4	2440.9	0.0	230	1643.9	2440.9	-308.6	231	1643.9	2440.9	-257.1
232	1643.9	2440.9	-205.7	233	1643.9	2440.9	-154.3	234	1643.9	2440.9	-102.9
235	1643.9	2440.9	-51.4	236	1643.9	2520.9	-308.6	237	1643.9	2520.9	-360.0
238	1643.9	2520.9	-257.1	239	1643.9	2520.9	-205.7	240	1643.9	2520.9	-154.3
241	1643.9	2520.9	-102.9	242	1643.9	2520.9	-51.4	243	1643.9	2520.9	0.0
244	1643.9	2600.9	-308.6	245	1643.9	2600.9	-360.0	246	1643.9	2600.9	-257.1
247	1643.9	2600.9	-205.7	248	1643.9	2600.9	-154.3	249	1643.9	2600.9	-102.9
250	1643.9	2600.9	-51.4	251	1643.9	2600.9	0.0	252	1643.9	2680.9	-308.6
253	1643.9	2680.9	-257.1	254	1643.9	2680.9	-205.7	255	1643.9	2680.9	-154.3
256	1643.9	2680.9	-102.9	257	1643.9	2680.9	-51.4				

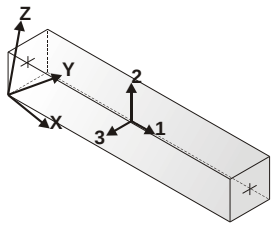


14_MOD_NUMERAZIONE_NODI

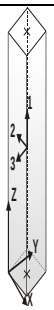
MODELLAZIONE STRUTTURA: ELEMENTI TRAVE

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.



orientamento elementi 2D non verticali



orientamento elementi 2D verticali

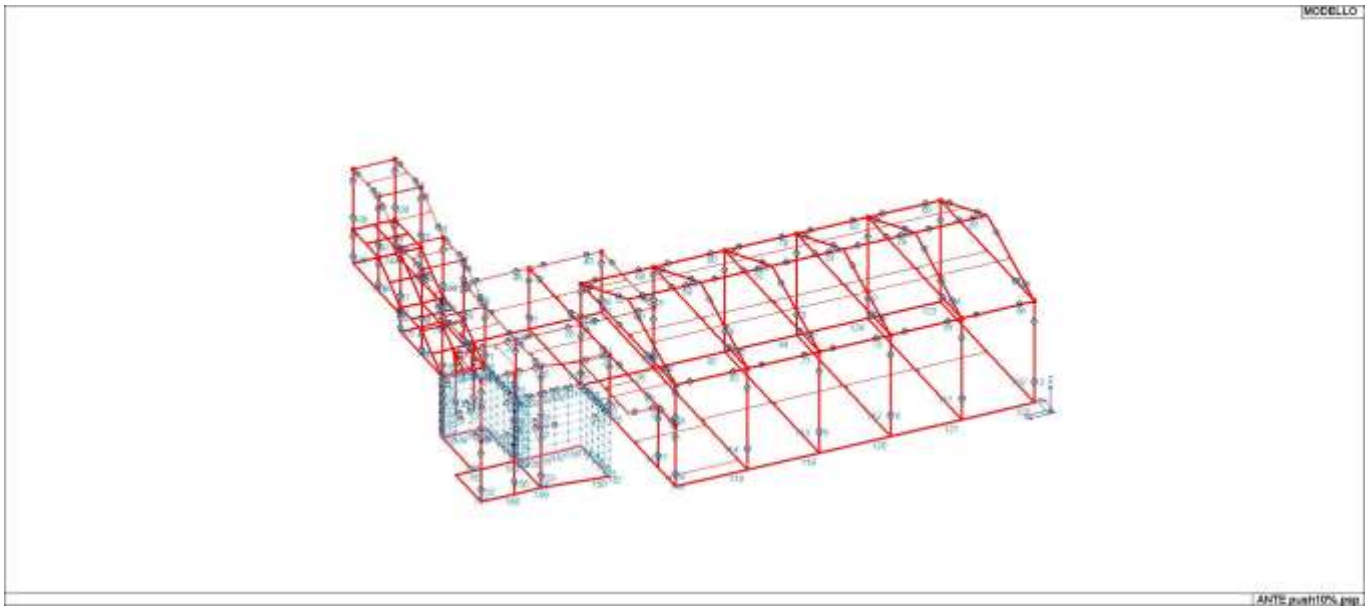
In particolare per ogni elemento viene indicato in tabella:

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

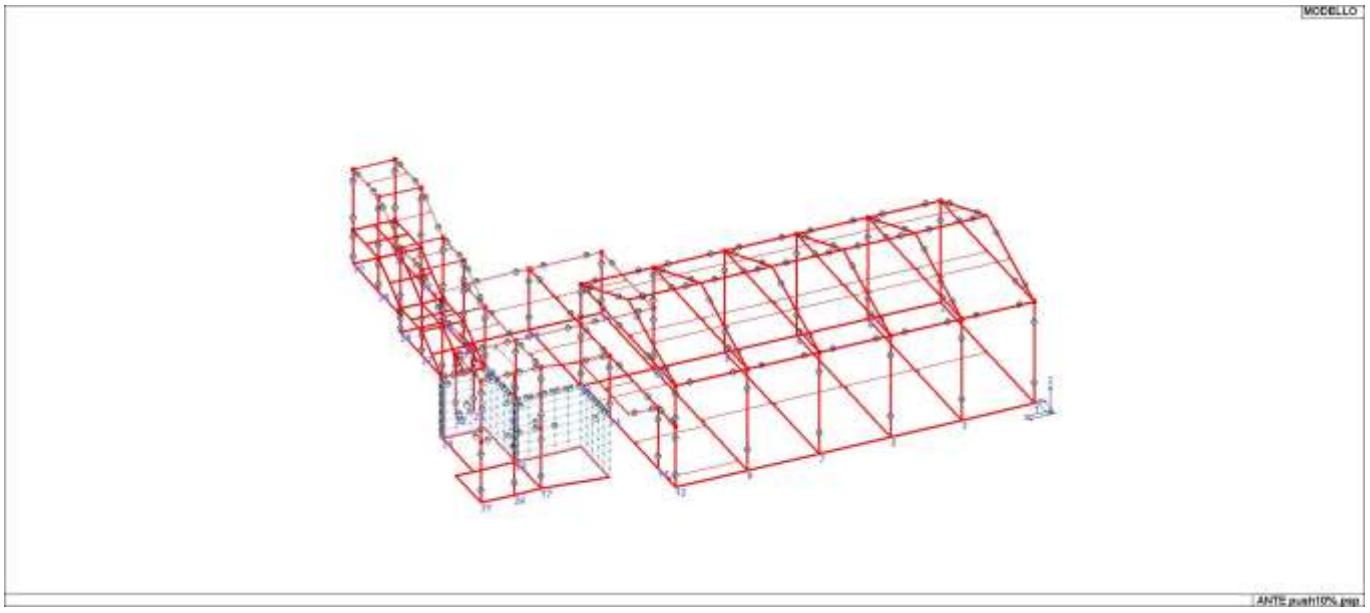
Elem.	Note	Nodo I	Nodo J	Mat.	Sez.	Crit.	Rotaz. gradi	Svincolo I	Svincolo J	Wink V daN/cm3	Wink O daN/cm3
1	Pilas.	5	9	3	5	4					
2	Pilas.	8	11	3	5	4					
3	Trave	25	27	1	12	4					
4	Trave	57	58	3	6	4					
5	Trave	11	7	3	6	4					
6	Trave	46	29	1	6	4					
7	Trave	46	19	1	6	4					
8	Pilas.	16	12	3	5	4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

73	Pilas.	50	55	3	5	4				
74	Pilas.	60	56	3	5	4				
75	Pilas.	59	57	3	5	4				
76	Pilas.	54	58	3	5	4				
77	Trave	56	62	3	6	4				
78	Trave	62	55	3	6	4				
79	Trave	55	58	3	4	4				
80	Trave	58	13	3	4	4				
81	Trave	14	61	3	6	4				
82	Trave	9	31	3	4	4				
83	Trave	57	63	3	6	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	1	16	4				
89	Trave	74	75	1	16	4				
90	Pilas.	76	77	3	8	4				
91	Trave	75	77	1	16	4				
92	Trave f.	54	10	3	19	4			1.00	1.00
93	Trave	77	78	1	16	4				
94	Trave	81	80	1	16	4				
95	Pilas.	71	69	3	8	4				
96	Trave	82	81	1	16	4				
97	Pilas.	84	81	3	8	4				
98	Trave	73	82	1	16	4				
99	Trave	27	73	1	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	39	129	1	6	4				
116	Trave f.	30	34	3	19	4			1.00	1.00
117	Trave f.	34	39	3	19	4			1.00	1.00
118	Trave f.	5	30	3	19	4			1.00	1.00
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	1	6	4				
126	Trave	23	66	1	6	4				
127	Trave	39	22	1	6	4				
128	Trave	22	67	1	6	4				
129	Trave	67	20	1	6	4				
130	Trave	20	18	1	6	4				
131	Trave	48	18	1	6	4				
132	Trave	24	48	1	6	4				
133	Trave	32	167	1	6	4				
134	Trave	22	24	1	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	1	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 f.	33	72	3	19	4			1.00	1.00
145	Trave f.	79	33	3	19	4			1.00	1.00
146	Trave f.	53	79	3	19	4			1.00	1.00
147	Trave f.	64	65	3	19	4			1.00	1.00
148	Trave f.	26	64	3	19	4			1.00	1.00
149	Trave	24	205	1	6	4				

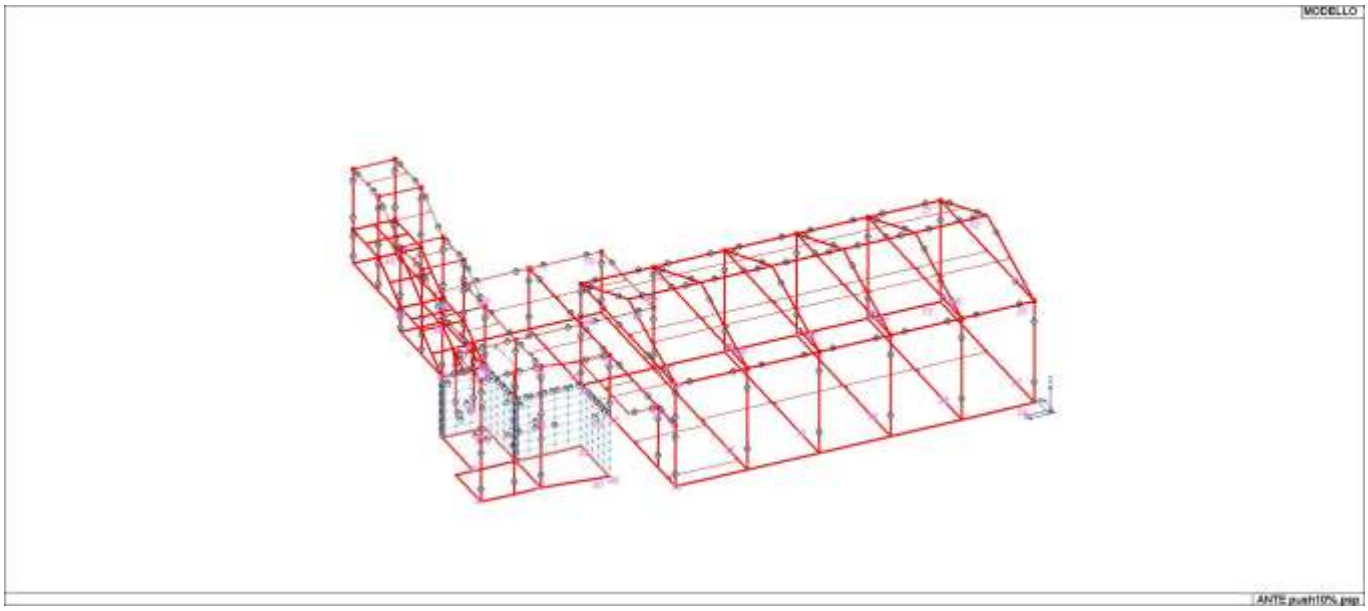
150	Trave f.	65	83	3	19	4		1.00	1.00
151	Pilas.	53	88	3	8	4			
152	Pilas.	107	20	3	8	4			
153	Pilas.	108	22	3	9	4	90.00		
154	Pilas.	109	192	3	8	4			
155	Pilas.	111	252	3	8	4			
156	Pilas.	115	67	3	9	4	90.00		
157	Trave f.	113	118	3	19	4		1.00	1.00
158	Trave f.	113	108	3	19	4		1.00	1.00
159	Trave f.	108	115	3	19	4		1.00	1.00
160	Trave f.	115	107	3	19	4		1.00	1.00
161	Trave f.	107	106	3	19	4		1.00	1.00
162	Trave f.	114	106	3	19	4		1.00	1.00
163	Trave f.	109	114	3	19	4		1.00	1.00
164	Trave f.	112	161	3	19	4		1.00	1.00
165	Trave f.	108	109	3	19	4		1.00	1.00
166	Trave f.	114	111	3	19	4		1.00	1.00
167	Trave f.	109	199	3	19	4		1.00	1.00
168	Trave f.	110	237	3	19	4		1.00	1.00
169	Trave	26	243	1	6	4			
170	Trave	129	137	1	6	4			
171	Trave	167	175	1	6	4			
172	Trave	205	213	1	6	4			
173	Pilas.	192	193	3	8	4			
174	Pilas.	252	253	3	8	4			
175	Trave f.	118	131	3	19	4		1.00	1.00
176	Trave f.	161	169	3	19	4		1.00	1.00
177	Trave f.	199	207	3	19	4		1.00	1.00
178	Trave f.	237	245	3	19	4		1.00	1.00
179	Trave	89	251	1	6	4			
180	Trave	243	89	1	6	4			
181	Trave	137	145	1	6	4			
182	Trave	175	183	1	6	4			
183	Trave	213	221	1	6	4			
184	Pilas.	193	194	3	8	4			
185	Pilas.	253	254	3	8	4			
186	Trave f.	131	139	3	19	4		1.00	1.00
187	Trave f.	169	177	3	19	4		1.00	1.00
188	Trave f.	207	215	3	19	4		1.00	1.00
189	Trave f.	245	111	3	19	4		1.00	1.00
190	Trave	251	28	1	6	4			
191	Trave	145	153	1	6	4			
192	Trave	183	191	1	6	4			
193	Trave	221	229	1	6	4			
194	Pilas.	194	195	3	8	4			
195	Pilas.	254	255	3	8	4			
196	Trave f.	139	147	3	19	4		1.00	1.00
197	Trave f.	177	185	3	19	4		1.00	1.00
198	Trave f.	215	223	3	19	4		1.00	1.00
199	Trave	153	32	1	6	4			
200	Trave	191	24	1	6	4			
201	Trave	229	26	1	6	4			
202	Pilas.	195	196	3	8	4			
203	Pilas.	255	256	3	8	4			
204	Trave f.	147	112	3	19	4		1.00	1.00
205	Trave f.	185	109	3	19	4		1.00	1.00
206	Trave f.	223	110	3	19	4		1.00	1.00
207	Pilas.	196	197	3	8	4			
208	Pilas.	256	257	3	8	4			
209	Pilas.	197	24	3	8	4			
210	Pilas.	257	28	3	8	4			



15_MOD_NUMERAZIONE_D2



15_MOD_NUMERAZIONE_D2_PILASTRATE

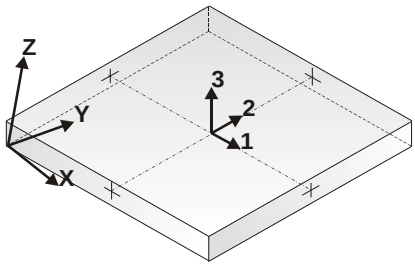


15_MOD_NUMERAZIONE_D2_TRAVATE

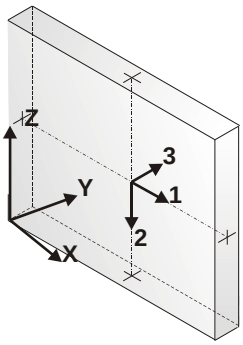
MODELLAZIONE STRUTTURA: ELEMENTI SHELL

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.



orientamento elementi 3D non verticali



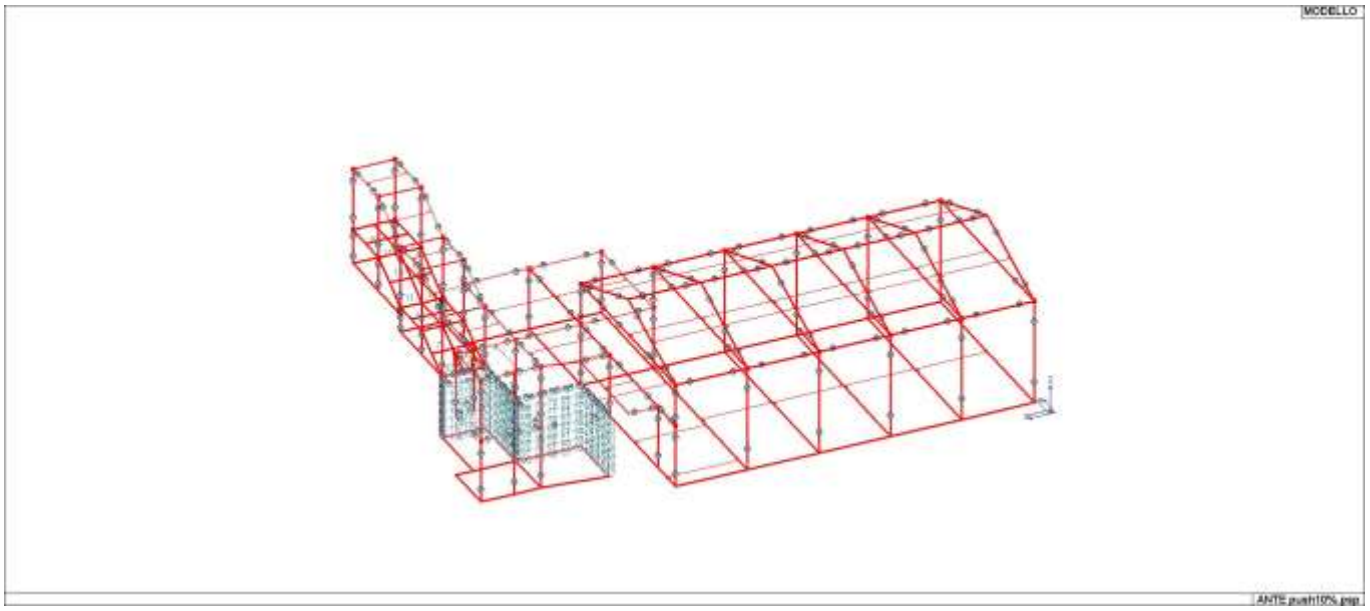
orientamento elementi 3D verticali

In particolare per ogni elemento viene indicato in tabella:

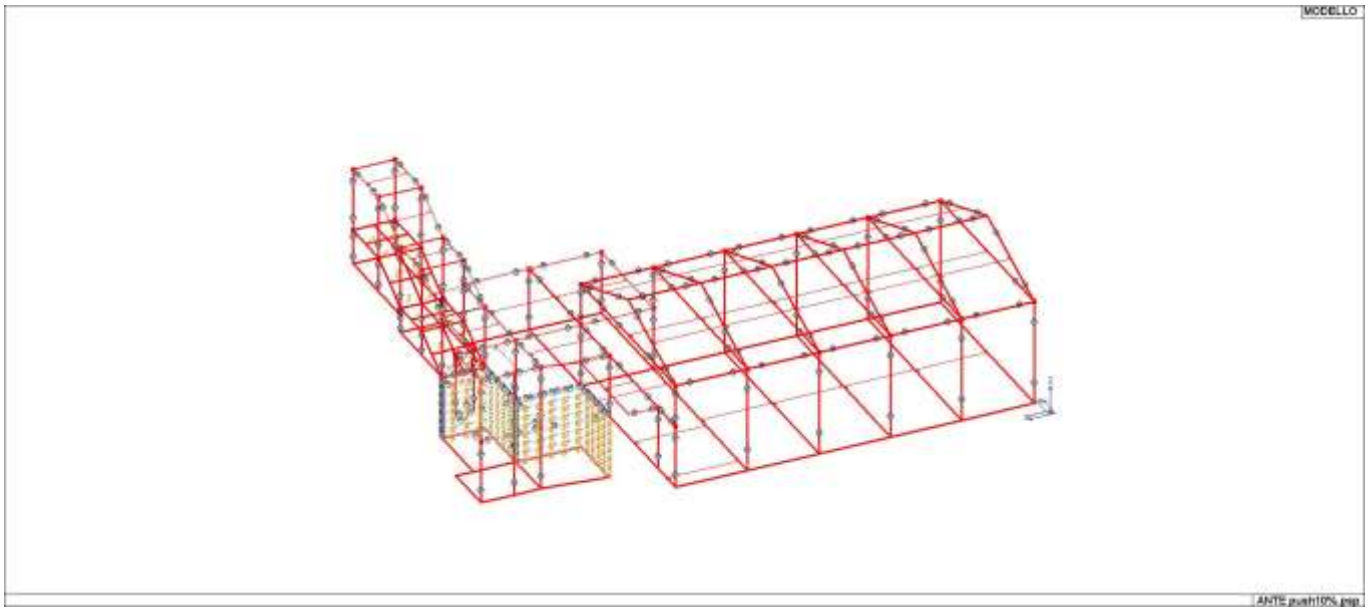
Elem.	numero dell'elemento
Note	codice di comportamento: *Guscio* (elemento guscio in elevazione non verticale) *Guscio fond.* (elemento guscio su suolo elastico) *Setto* (elemento guscio in elevazione verticale) *Membrana* (elemento guscio con comportamento membranale)
Nodo I (J, K, L)	numero del nodo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

Elem.	Note	Nodo I	Nodo J	Nodo K	Nodo L	Mat.	Crit.	Spessore	Svincolo	Wink V	Wink O
								cm		daN/cm3	daN/cm3
1	Guscio	243	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	251	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	116	117	118	113	1	4	1.0			
18	Setto	119	120	117	116	1	4	1.0			
19	Setto	121	122	120	119	1	4	1.0			
20	Setto	123	124	122	121	1	4	1.0			
21	Setto	125	126	124	123	1	4	1.0			
22	Setto	127	128	126	125	1	4	1.0			
23	Setto	39	129	128	127	1	4	1.0			
24	Setto	117	130	131	118	1	4	1.0			
25	Setto	120	132	130	117	1	4	1.0			
26	Setto	122	133	132	120	1	4	1.0			
27	Setto	124	134	133	122	1	4	1.0			
28	Setto	126	135	134	124	1	4	1.0			
29	Setto	128	136	135	126	1	4	1.0			
30	Setto	129	137	136	128	1	4	1.0			
31	Setto	130	138	139	131	1	4	1.0			
32	Setto	132	140	138	130	1	4	1.0			
33	Setto	133	141	140	132	1	4	1.0			
34	Setto	134	142	141	133	1	4	1.0			
35	Setto	135	143	142	134	1	4	1.0			
36	Setto	136	144	143	135	1	4	1.0			
37	Setto	137	145	144	136	1	4	1.0			
38	Setto	138	146	147	139	1	4	1.0			
39	Setto	140	148	146	138	1	4	1.0			
40	Setto	141	149	148	140	1	4	1.0			
41	Setto	142	150	149	141	1	4	1.0			
42	Setto	143	151	150	142	1	4	1.0			
43	Setto	144	152	151	143	1	4	1.0			
44	Setto	145	153	152	144	1	4	1.0			
45	Setto	146	154	112	147	1	4	1.0			
46	Setto	148	155	154	146	1	4	1.0			
47	Setto	149	156	155	148	1	4	1.0			
48	Setto	150	157	156	149	1	4	1.0			
49	Setto	151	158	157	150	1	4	1.0			
50	Setto	152	159	158	151	1	4	1.0			
51	Setto	153	32	159	152	1	4	1.0			
52	Setto	112	161	160	154	1	4	1.0			
53	Setto	154	160	162	155	1	4	1.0			
54	Setto	155	162	163	156	1	4	1.0			
55	Setto	156	163	164	157	1	4	1.0			
56	Setto	157	164	165	158	1	4	1.0			
57	Setto	158	165	166	159	1	4	1.0			
58	Setto	159	166	167	32	1	4	1.0			
59	Setto	161	169	168	160	1	4	1.0			
60	Setto	160	168	170	162	1	4	1.0			
61	Setto	162	170	171	163	1	4	1.0			
62	Setto	163	171	172	164	1	4	1.0			
63	Setto	164	172	173	165	1	4	1.0			
64	Setto	165	173	174	166	1	4	1.0			
65	Setto	166	174	175	167	1	4	1.0			
66	Setto	169	177	176	168	1	4	1.0			
67	Setto	168	176	178	170	1	4	1.0			
68	Setto	170	178	179	171	1	4	1.0			
69	Setto	171	179	180	172	1	4	1.0			
70	Setto	172	180	181	173	1	4	1.0			
71	Setto	173	181	182	174	1	4	1.0			
72	Setto	174	182	183	175	1	4	1.0			

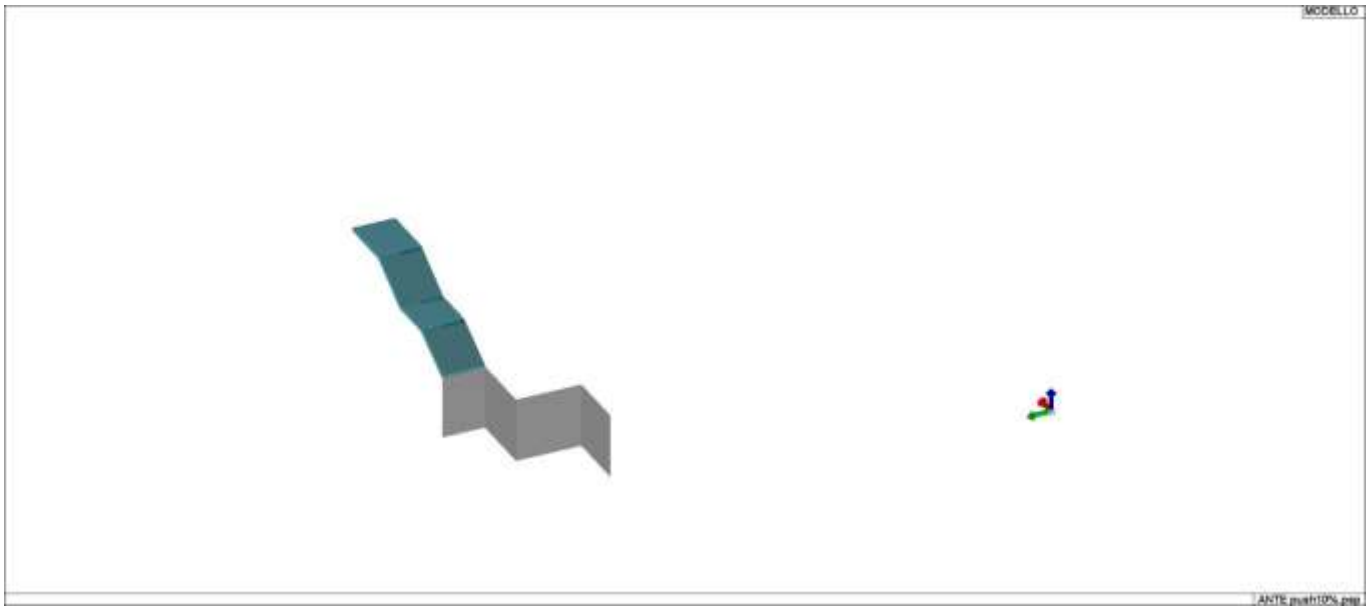
73	Setto	177	185	184	176	1	4	1.0
74	Setto	176	184	186	178	1	4	1.0
75	Setto	178	186	187	179	1	4	1.0
76	Setto	179	187	188	180	1	4	1.0
77	Setto	180	188	189	181	1	4	1.0
78	Setto	181	189	190	182	1	4	1.0
79	Setto	182	190	191	183	1	4	1.0
80	Setto	185	109	192	184	1	4	1.0
81	Setto	184	192	193	186	1	4	1.0
82	Setto	186	193	194	187	1	4	1.0
83	Setto	187	194	195	188	1	4	1.0
84	Setto	188	195	196	189	1	4	1.0
85	Setto	189	196	197	190	1	4	1.0
86	Setto	190	197	24	191	1	4	1.0
87	Setto	192	198	199	109	1	4	1.0
88	Setto	193	200	198	192	1	4	1.0
89	Setto	194	201	200	193	1	4	1.0
90	Setto	195	202	201	194	1	4	1.0
91	Setto	196	203	202	195	1	4	1.0
92	Setto	197	204	203	196	1	4	1.0
93	Setto	24	205	204	197	1	4	1.0
94	Setto	198	206	207	199	1	4	1.0
95	Setto	200	208	206	198	1	4	1.0
96	Setto	201	209	208	200	1	4	1.0
97	Setto	202	210	209	201	1	4	1.0
98	Setto	203	211	210	202	1	4	1.0
99	Setto	204	212	211	203	1	4	1.0
100	Setto	205	213	212	204	1	4	1.0
101	Setto	206	214	215	207	1	4	1.0
102	Setto	208	216	214	206	1	4	1.0
103	Setto	209	217	216	208	1	4	1.0
104	Setto	210	218	217	209	1	4	1.0
105	Setto	211	219	218	210	1	4	1.0
106	Setto	212	220	219	211	1	4	1.0
107	Setto	213	221	220	212	1	4	1.0
108	Setto	214	222	223	215	1	4	1.0
109	Setto	216	224	222	214	1	4	1.0
110	Setto	217	225	224	216	1	4	1.0
111	Setto	218	226	225	217	1	4	1.0
112	Setto	219	227	226	218	1	4	1.0
113	Setto	220	228	227	219	1	4	1.0
114	Setto	221	229	228	220	1	4	1.0
115	Setto	222	230	110	223	1	4	1.0
116	Setto	224	231	230	222	1	4	1.0
117	Setto	225	232	231	224	1	4	1.0
118	Setto	226	233	232	225	1	4	1.0
119	Setto	227	234	233	226	1	4	1.0
120	Setto	228	235	234	227	1	4	1.0
121	Setto	229	26	235	228	1	4	1.0
122	Setto	110	237	236	230	1	4	1.0
123	Setto	230	236	238	231	1	4	1.0
124	Setto	231	238	239	232	1	4	1.0
125	Setto	232	239	240	233	1	4	1.0
126	Setto	233	240	241	234	1	4	1.0
127	Setto	234	241	242	235	1	4	1.0
128	Setto	235	242	243	26	1	4	1.0
129	Setto	237	245	244	236	1	4	1.0
130	Setto	236	244	246	238	1	4	1.0
131	Setto	238	246	247	239	1	4	1.0
132	Setto	239	247	248	240	1	4	1.0
133	Setto	240	248	249	241	1	4	1.0
134	Setto	241	249	250	242	1	4	1.0
135	Setto	242	250	89	243	1	4	1.0
136	Setto	245	111	252	244	1	4	1.0
137	Setto	244	252	253	246	1	4	1.0
138	Setto	246	253	254	247	1	4	1.0
139	Setto	247	254	255	248	1	4	1.0
140	Setto	248	255	256	249	1	4	1.0
141	Setto	249	256	257	250	1	4	1.0
142	Setto	250	257	28	251	1	4	1.0
143	Guscio	26	91	243		3	4	20.0
144	Guscio	89	90	251		3	4	20.0
145	Setto	89	250	251		1	4	1.0



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 instantanee 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 Sd/Su con sollecitazioni ultime proporzionali: valore minore o uguale a 1 per verifica positiva
Verif.V	rapporto Sd/Su con sollecitazioni taglianti proporzionali valore minore o uguale a 1 per verifica positiva
rRfck	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni rare [normalizzato a 1]
rFfck	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni frequenti [normalizzato a 1]
rPfck	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni quasi permanenti [normalizzato a 1]
rRfyk	rapporto tra la massima tensione nell'acciaio e la tensione fyk in combinazioni frequenti [normalizzato a 1]
rFyk	rapporto tra la massima tensione nell'acciaio e la tensione fyk in combinazioni rare [normalizzato a 1]
rPfyk	rapporto tra la massima tensione nell'acciaio e la tensione fyk in combinazioni quasi permanenti [normalizzato a 1]
wR	apertura caratteristica delle fessure in combinazioni rare [mm]
wF	apertura caratteristica delle fessure in combinazioni frequenti [mm]
wP	apertura caratteristica delle fessure in combinazioni quasi permanenti [mm]

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)

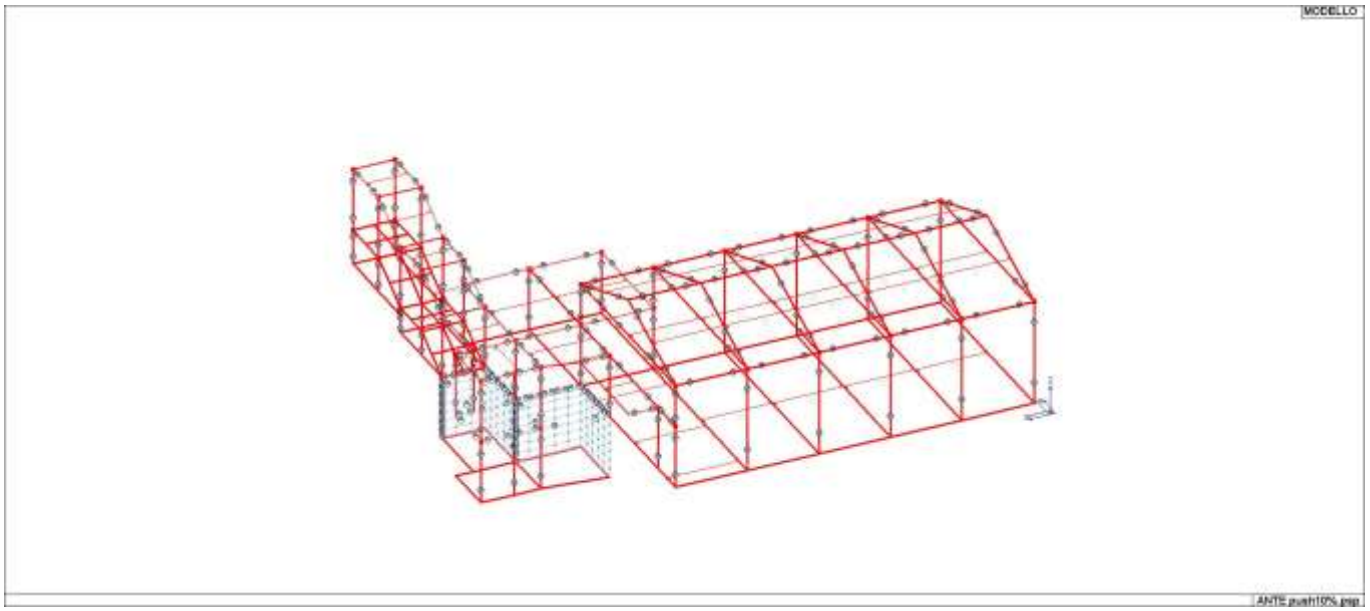
In particolare i simboli utilizzati in tabella assumono il seguente significato:

Elem.	Numero identificativo dell'elemento
Stato	Codice di verifica
Ver. c.c.	Verifica nell'ipotesi di trave appoggiata con carico concentrato in mezzeria
Ver. c.d.	Verifica nell'ipotesi di trave appoggiata con carico distribuito
Ver. c.cin.	Verifica nell'ipotesi di cinematismo con formazione di cerniere plastiche in appoggio e mezzeria
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	G2k	Qk	Fatt. A	s sis.	Psi 0	Psi 1	Psi 2	Psi S 2	Fatt. Fi
		kN/ m2	kN/ m2	kN/ m2							
1	Variab.	4.50	1.00	2.00		1.00	0.70	0.50	0.30	0.30	1.00
2	Variab.	4.00	1.00	0.50		1.00	0.70	0.50	0.30	0.30	1.00
6	Neve	5.00		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	G2k	Qk	Nodo 1/6..	Nodo 2/7..	Nodo 3/8..	Nodo..	Nodo..
						kN/ m2	kN/ m2	kN/ m2					
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	5.00		1.00	14	61	11	2	
5	CM	6	m=3	4.0	90.0	5.00		1.00	11	61	62	56	
6	CM	6	m=3	4.0	90.0	5.00		1.00	56	62	63	57	
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	CM	6	m=3	4.0	90.0	5.00		1.00	57	63	38	9	
11	CM	6	m=3	4.0	90.0	5.00		1.00	9	38	40	31	
12	CM	6	m=3	4.0	90.0	5.00		1.00	14	12	7	61	
13	CM	6	m=3	4.0	90.0	5.00		1.00	61	7	55	62	
14	CM	6	m=3	4.0	90.0	5.00		1.00	62	55	58	63	
15	CM	6	m=3	4.0	90.0	5.00		1.00	63	58	13	38	
16	CM	6	m=3	4.0	90.0	5.00		1.00	13	45	40	38	
17	SM	2	m=3	1.0	90.0	4.00	1.00	0.50	12	7	11	2	
18	SM	2	m=3	1.0	90.0	4.00	1.00	0.50	55	58	57	56	
19	SM	2	m=3	1.0	90.0	4.00	1.00	0.50	58	13	9	57	
20	SM	2	m=3	1.0	90.0	4.00	1.00	0.50	7	55	56	11	
21	SM	2	m=3	1.0	90.0	4.00	1.00	0.50	9	13	45	31	
22	CM	6	m=3	4.0	90.0	5.00		1.00	77	81	80	78	
23	CM	6	m=3	4.0	90.0	5.00		1.00	75	82	81	77	
24	CM	6	m=3	4.0	90.0	5.00		1.00	74	73	82	75	
25	CM	6	m=3	4.0	90.0	5.00		1.00	29	27	73	74	
26	SM	8	m=3	1.0	90.0	4.50	1.00	3.00	16	15	8	1	
27	SM	8	m=3	1.0	90.0	4.50	1.00	3.00	15	50	60	8	
28	SM	8	m=3	1.0	90.0	4.50	1.00	3.00	50	54	59	60	
29	SM	8	m=3	1.0	90.0	4.50	1.00	3.00	54	10	5	59	
30	SM	1	m=3	1.0	90.0	4.50	1.00	2.00	105	32	39	34	30



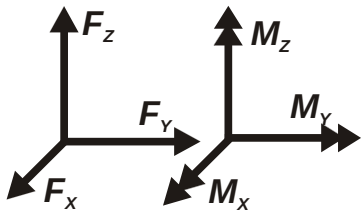
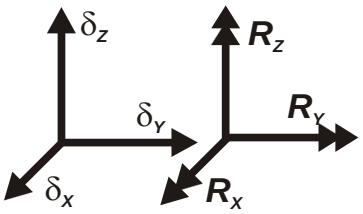
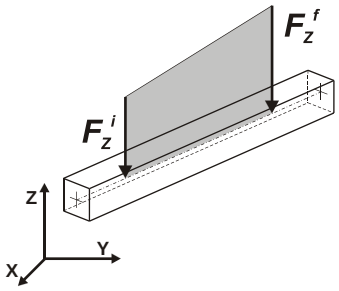
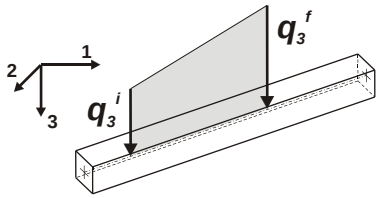
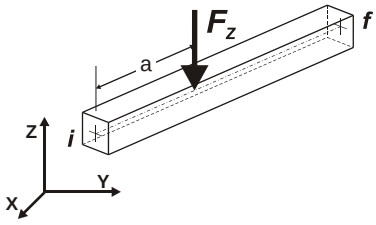
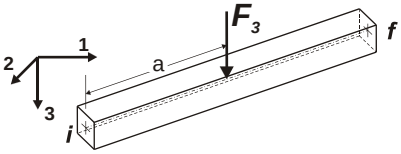
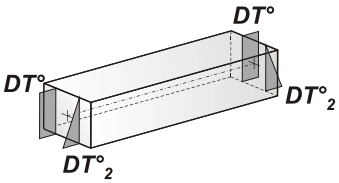
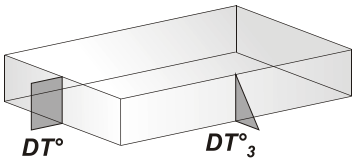
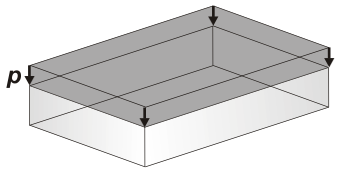
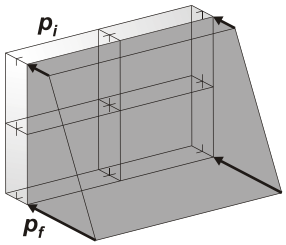
17_MOD_NUMERAZIONE_SOLAI

MODELLAZIONE DELLE AZIONI

LEGENDA TABELLA DATI AZIONI

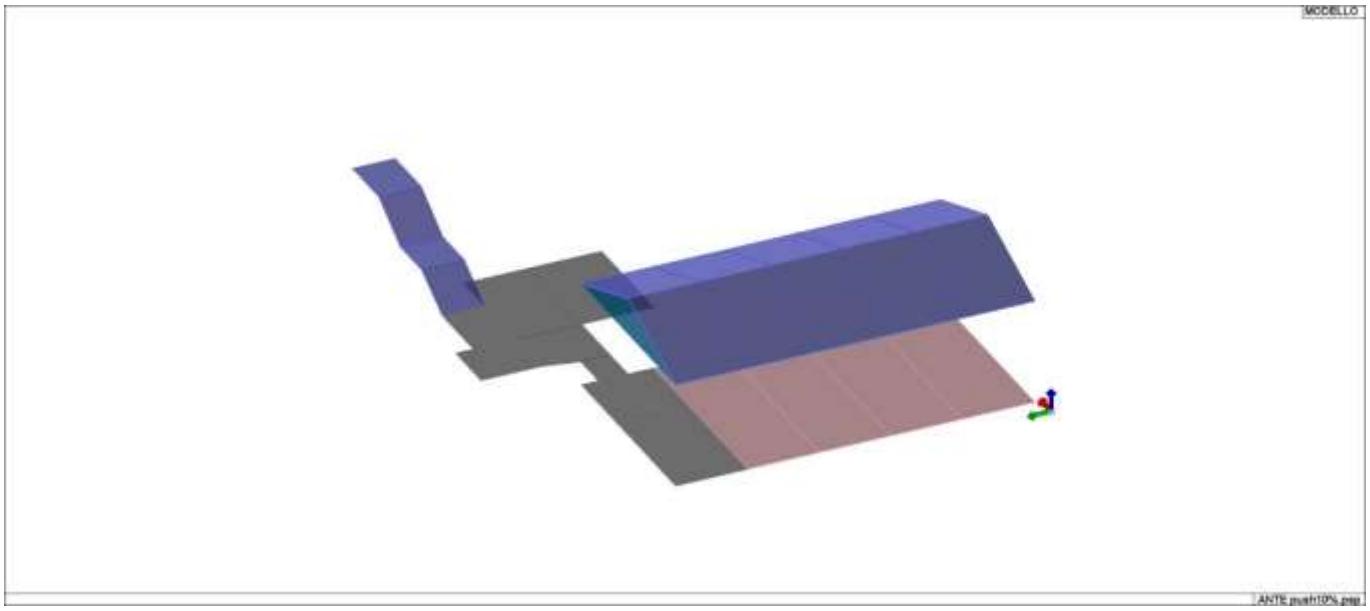
Il programma consente l'uso di diverse tipologie di carico (azioni). Le azioni utilizzate nella modellazione sono individuate da una sigla identificativa ed un codice numerico (gli elementi strutturali richiamano quest'ultimo nella propria descrizione). Per ogni azione applicata alla struttura viene 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 Fx, Fy, Fz, momento Mx, My, Mz)
2	**spostamento nodale impresso** 6 dati (spostamento Tx,Ty,Tz, rotazione Rx,Ry,Rz)
3	**carico distribuito globale su elemento tipo trave** 7 dati (fx,fy,fz,mx,my,mz,ascissa di inizio carico) 7 dati (fx,fy,fz,mx,my,mz,ascissa di fine carico)
4	**carico distribuito locale su elemento tipo trave** 7 dati (f1,f2,f3,m1,m2,m3,ascissa di inizio carico) 7 dati (f1,f2,f3,m1,m2,m3,ascissa di fine carico)
5	**carico concentrato globale su elemento tipo trave** 7 dati (Fx,Fy,Fz,Mx,My,Mz,ascissa di carico)
6	**carico concentrato locale su elemento tipo trave** 7 dati (F1, F2, F3, M1, M2, M3, ascissa di carico)
7	**variazione termica applicata ad elemento tipo trave** 7 dati (variazioni termiche: uniforme, media e differenza in altezza e larghezza al nodo iniziale e finale)
8	**carico di pressione uniforme su elemento tipo piastra** 1 dato (pressione)
9	**carico di pressione variabile su elemento tipo piastra** 4 dati (pressione, quota, pressione, quota)
10	**variazione termica applicata ad elemento tipo piastra** 2 dati (variazioni termiche: media e differenza nello spessore)
11	**carico variabile generale su elementi tipo trave e piastra** 1 dato descrizione della tipologia 4 dati per segmento (posizione, valore, posizione, valore) la tipologia precisa l'ascissa di definizione, la direzione del carico, la modalità di carico e la larghezza d'influenza per gli elementi tipo trave
12	**gruppo di carichi con impronta su piastra** 9 dati (numero di ripetizioni in direzione X e Y, valore di ciascun carico, posizione centrale del primo, dimensioni dell' impronta, interasse tra i carichi

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

Tipo	carico di pressione uniforme su piastra

Id	Tipo	pressione
		kN/ m2
1	Folla 2-P3:p=-4.000e-02	-4.00



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.

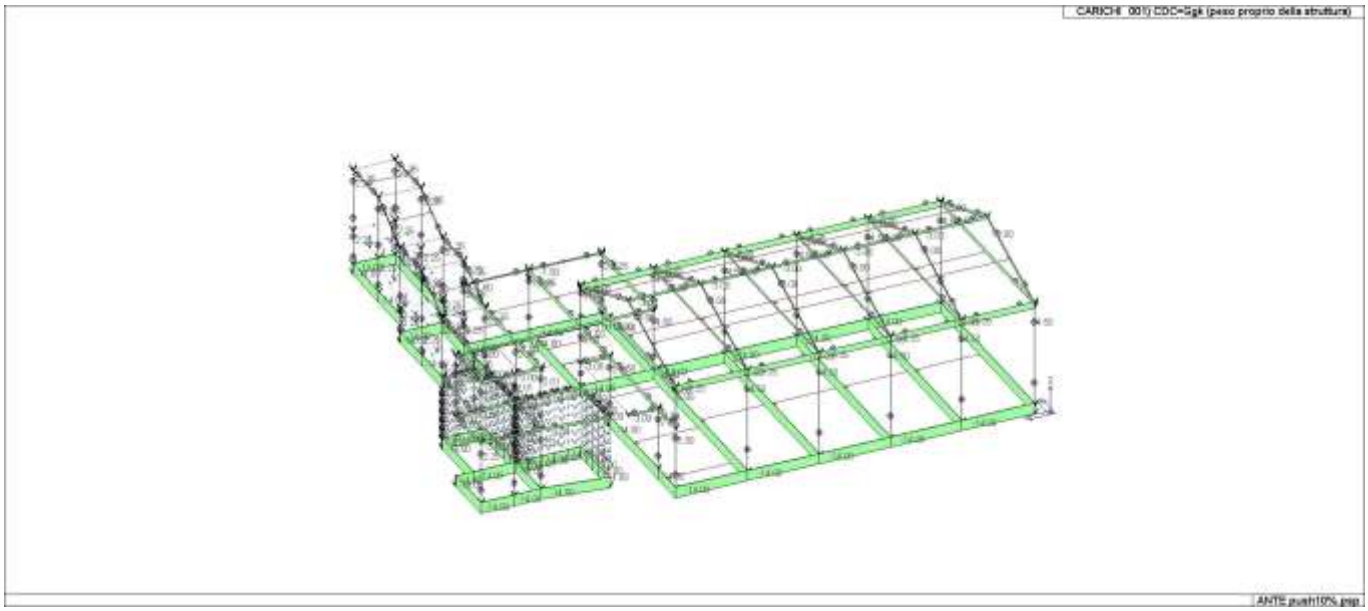
Nella tabella successiva vengono riportati i casi di carico agenti sulla struttura, con l'indicazione dei dati relativi al caso di carico stesso:
Numero Tipo e *Sigla identificativa*, *Valore di riferimento* del caso di carico (se previsto).

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.

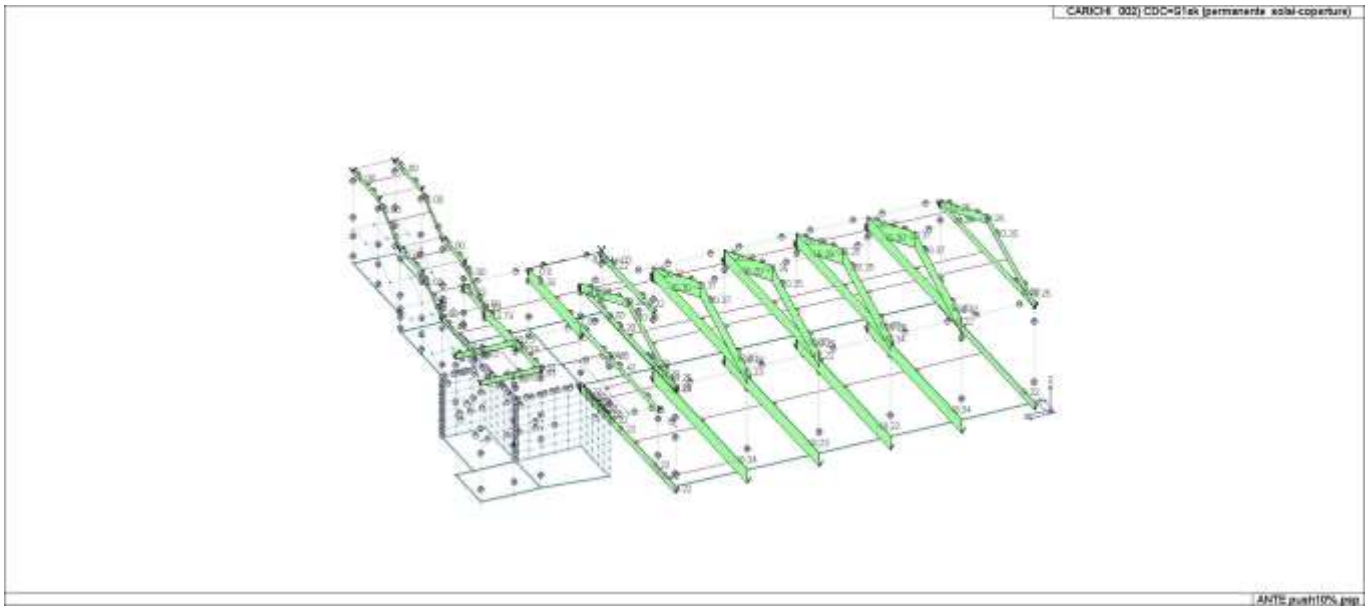
Per i casi di carico di tipo sismico (9-Esk e 10-Edk), viene riportata la tabella di definizione delle masse: per ogni caso di carico partecipante alla definizione delle masse viene indicata la relativa aliquota (partecipazione) considerata. Si precisa che per i caso di carico 5-Qsk e 6-Qnk la partecipazione 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)	

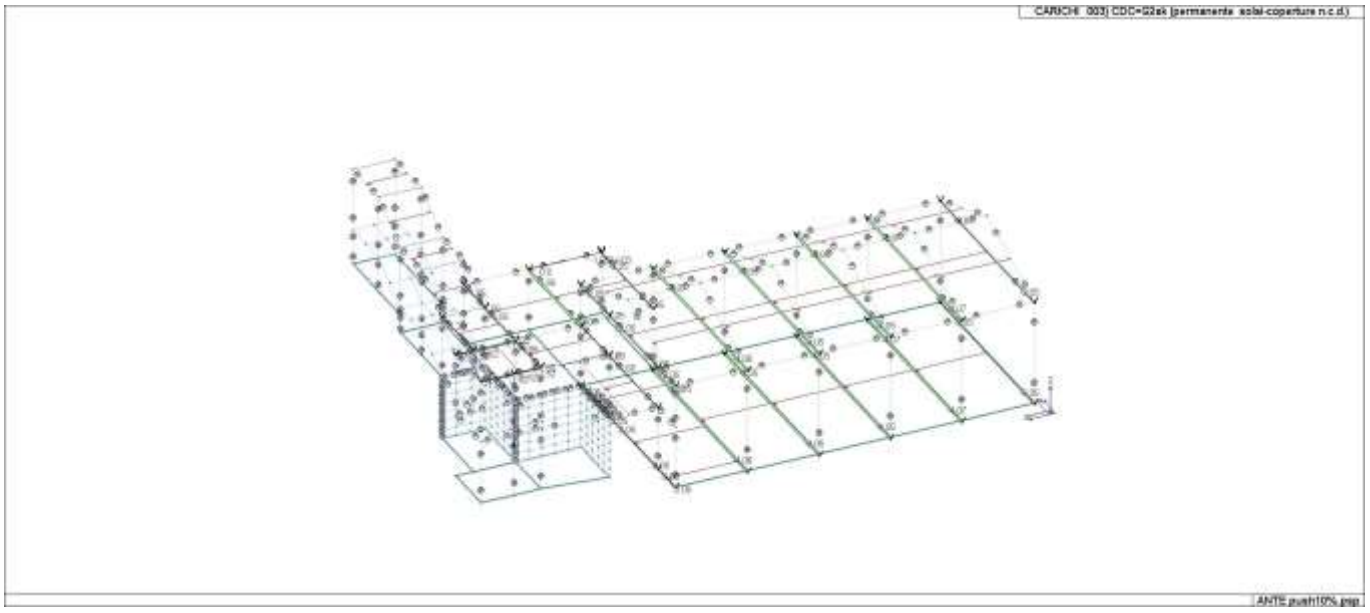
CDC	Tipo	Sigla Id	Note
6	Esk	CDC=Es (statico SLU non lin.) - [prop. statica] alfa=0.0 (ecc. +)	partecipazione:1.00 per 1 CDC=Ggk (peso proprio della struttura)
			partecipazione:1.00 per 2 CDC=G1sk (permanente solai-coperture)
			partecipazione:1.00 per 3 CDC=G2sk (permanente solai-coperture n.c.d.)
			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	Esk	CDC=Es (statico SLU non lin.) - [prop. statica] alfa=0.0 (ecc. -)	come precedente CDC sismico
8	Esk	CDC=Es (statico SLU non lin.) - (prop. masse) alfa=0.0 (ecc. +)	come precedente CDC sismico
9	Esk	CDC=Es (statico SLU non lin.) - (prop. masse) alfa=0.0 (ecc. -)	come precedente CDC sismico
10	Esk	CDC=Es (statico SLU non lin.) - [prop. statica] alfa=90.00 (ecc. +)	come precedente CDC sismico
11	Esk	CDC=Es (statico SLU non lin.) - [prop. statica] alfa=90.00 (ecc. -)	come precedente CDC sismico
12	Esk	CDC=Es (statico SLU non lin.) - (prop. masse) alfa=90.00 (ecc. +)	come precedente CDC sismico
13	Esk	CDC=Es (statico SLU non lin.) - (prop. masse) alfa=90.00 (ecc. -)	come precedente CDC sismico
14	Qk	CDC=Qk (variabile generico)	Azioni applicate:
			D3 :da 1 a 16 Azione : Folla 2-P3:p=-4.000e-02
			D3 :da 143 a 144 Azione : Folla 2-P3:p=-4.000e-02
15	Esk	CDC=Es (statico SLD non lin.)- [prop. statica] alfa=0.0 (ecc. +)	come precedente CDC sismico
16	Esk	CDC=Es (statico SLD non lin.)- [prop. statica] alfa=0.0 (ecc. -)	come precedente CDC sismico
17	Esk	CDC=Es (statico SLD non lin.)- (prop. masse) alfa=0.0 (ecc. +)	come precedente CDC sismico
18	Esk	CDC=Es (statico SLD non lin.)- (prop. masse) alfa=0.0 (ecc. -)	come precedente CDC sismico
19	Esk	CDC=Es (statico SLD non lin.)- [prop. statica] alfa=90.00 (ecc. +)	come precedente CDC sismico
20	Esk	CDC=Es (statico SLD non lin.)- [prop. statica] alfa=90.00 (ecc. -)	come precedente CDC sismico
21	Esk	CDC=Es (statico SLD non lin.)- (prop. masse) alfa=90.00 (ecc. +)	come precedente CDC sismico
22	Esk	CDC=Es (statico SLD non lin.)- (prop. masse) alfa=90.00 (ecc. -)	come precedente CDC sismico



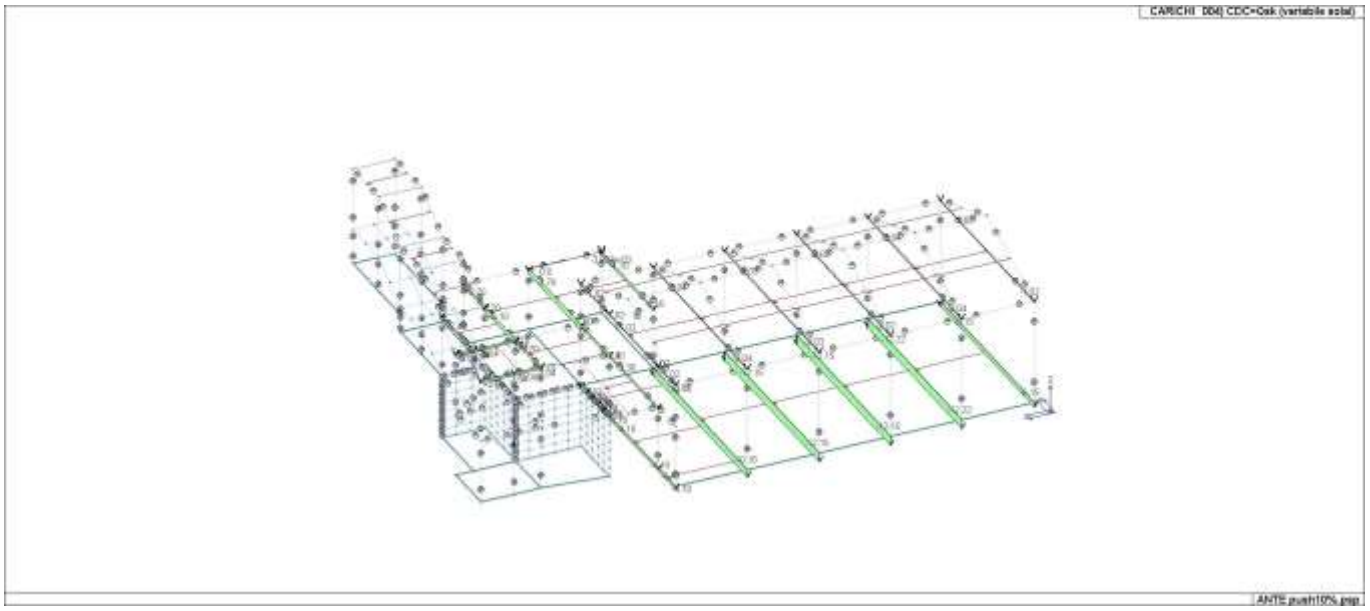
22_CDC_001_CDC=Ggk (peso proprio della struttura)



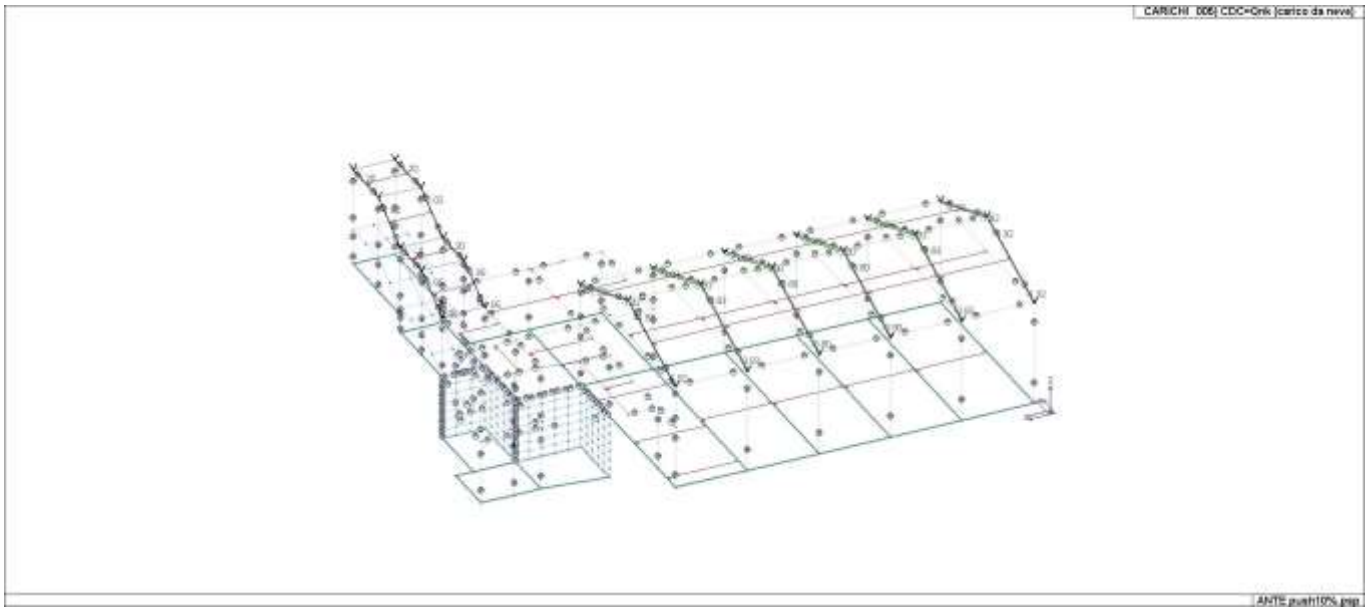
22_CDC_002_CDC=G1sk (permanente solai-coperture)



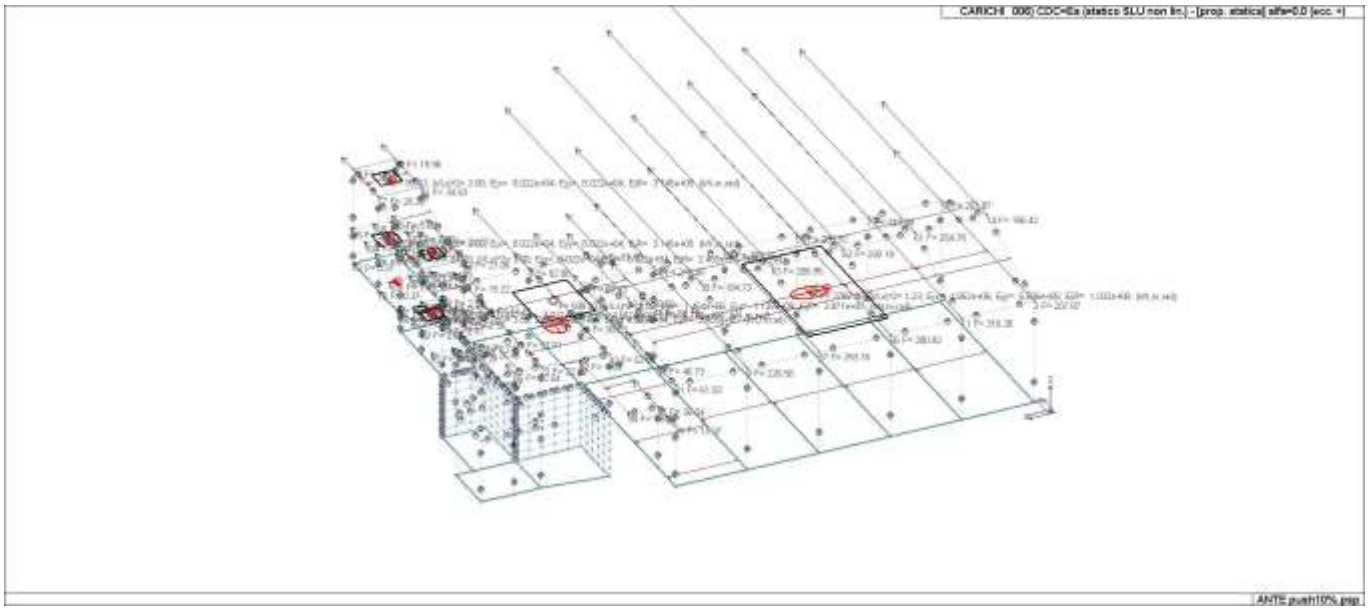
22_CDC_003_CDC=G2sk (permanente solai-coperture n.c.d.)



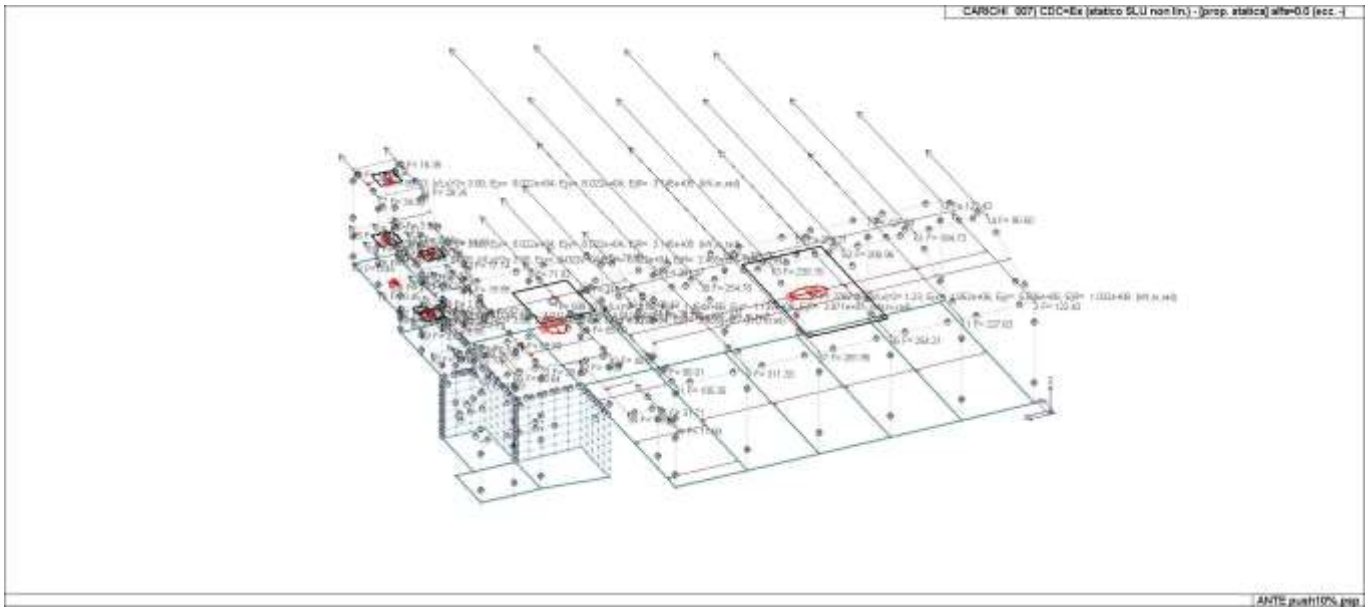
22_CDC_004_CDC=Qsk (variabile solai)



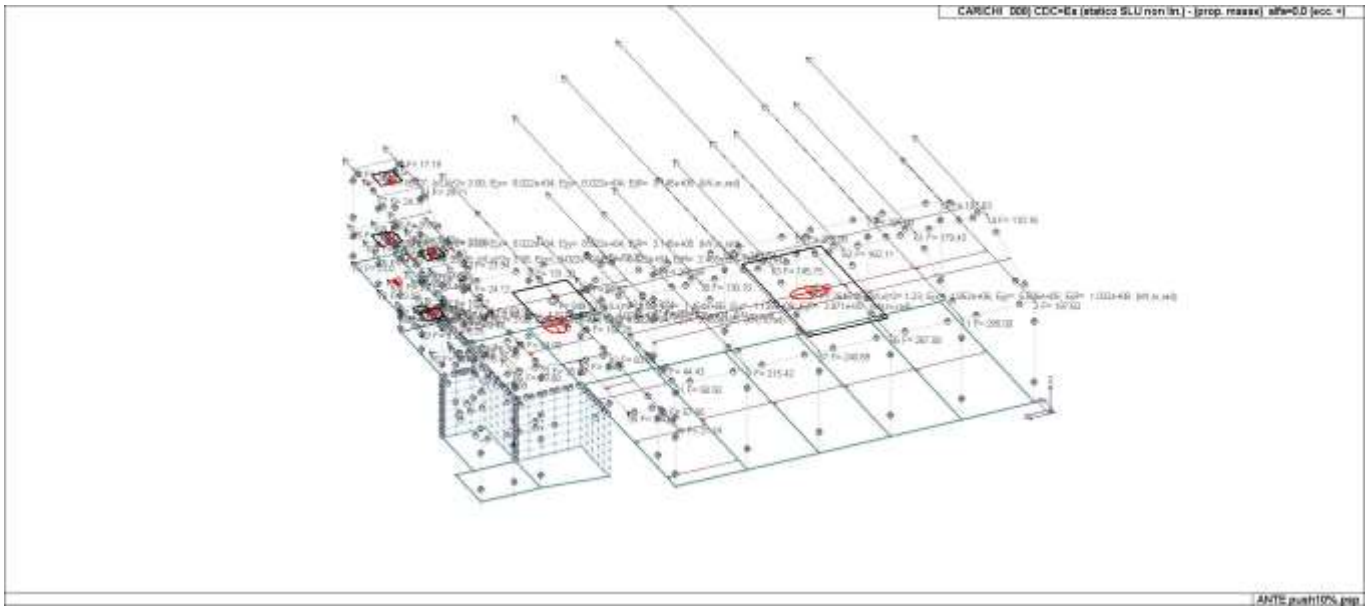
22_CDC_005_CDC=Qnk (carico da neve)



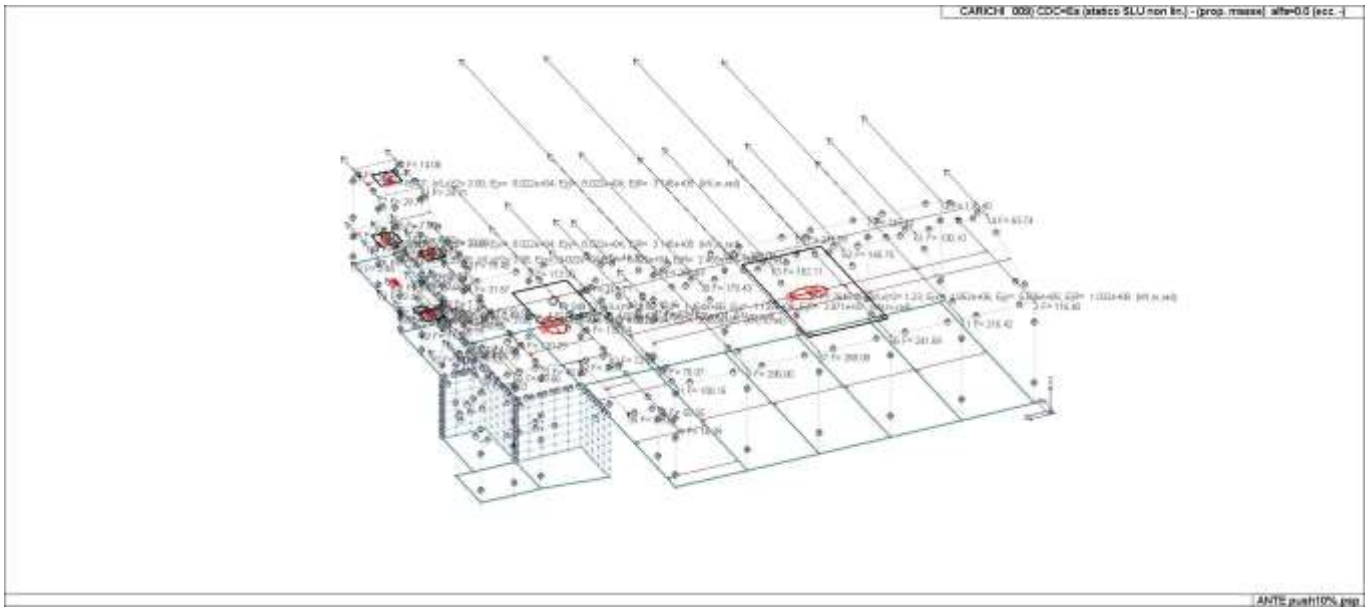
22_CDC_006_CDC=Es (statico SLU non lin.) - [prop. statica] alfa=0.0 (ecc. +)



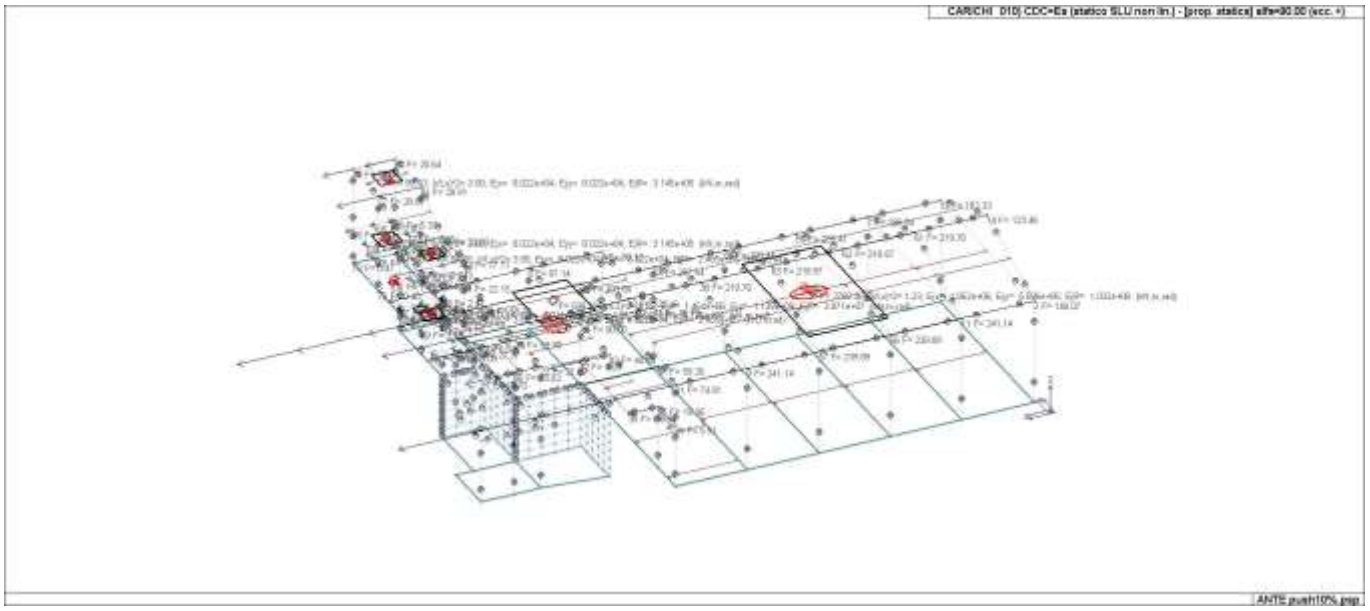
22_CDC_007_CDC=Es (statico SLU non lin.) - [prop. statica] alfa=0.0 (ecc. -)



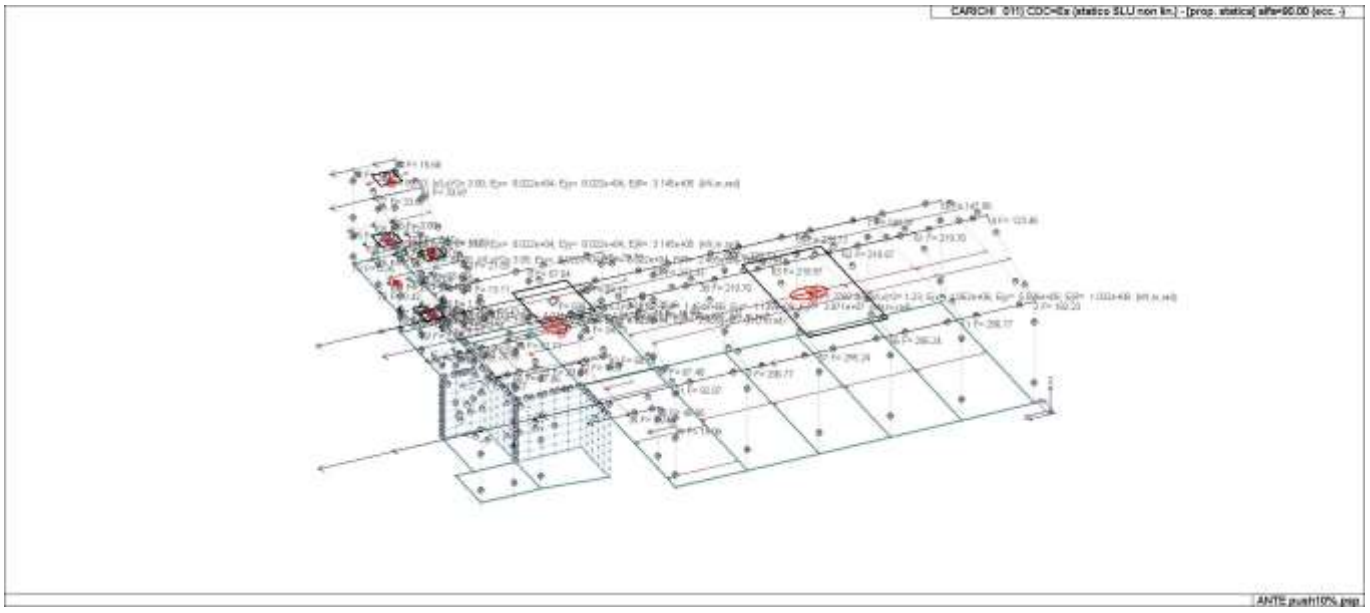
22_CDC_008_CDC=Es (statico SLU non lin.) - (prop. masse) alfa=0.0 (ecc. +)



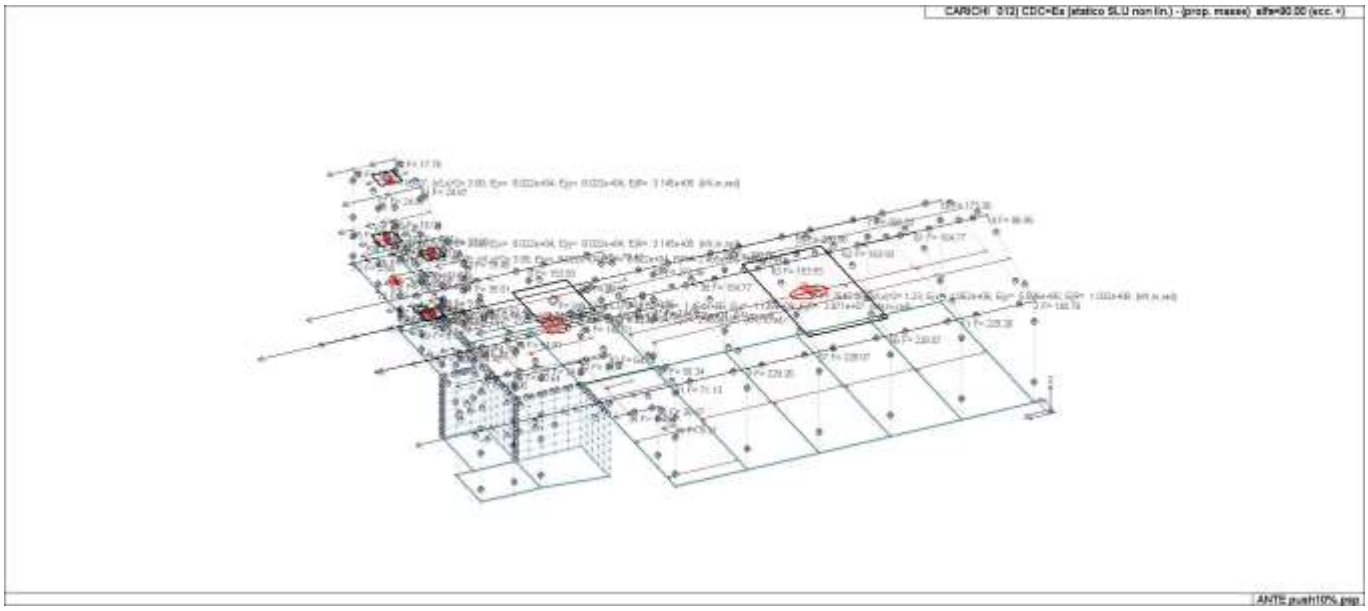
22_CDC_009_CDC=Es (statico SLU non lin.) - (prop. masse) alfa=0.0 (ecc. -)



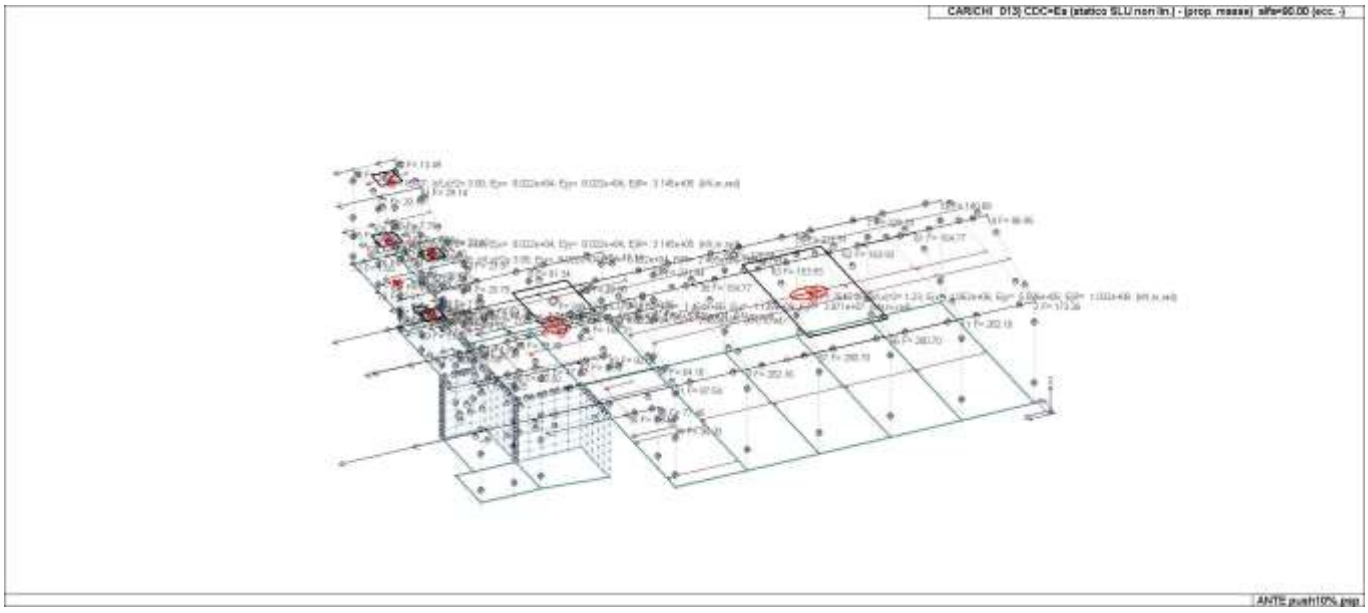
22_CDC_010_CDC=Es (statico SLU non lin.) - [prop. statica] alfa=90.00 (ecc. +)



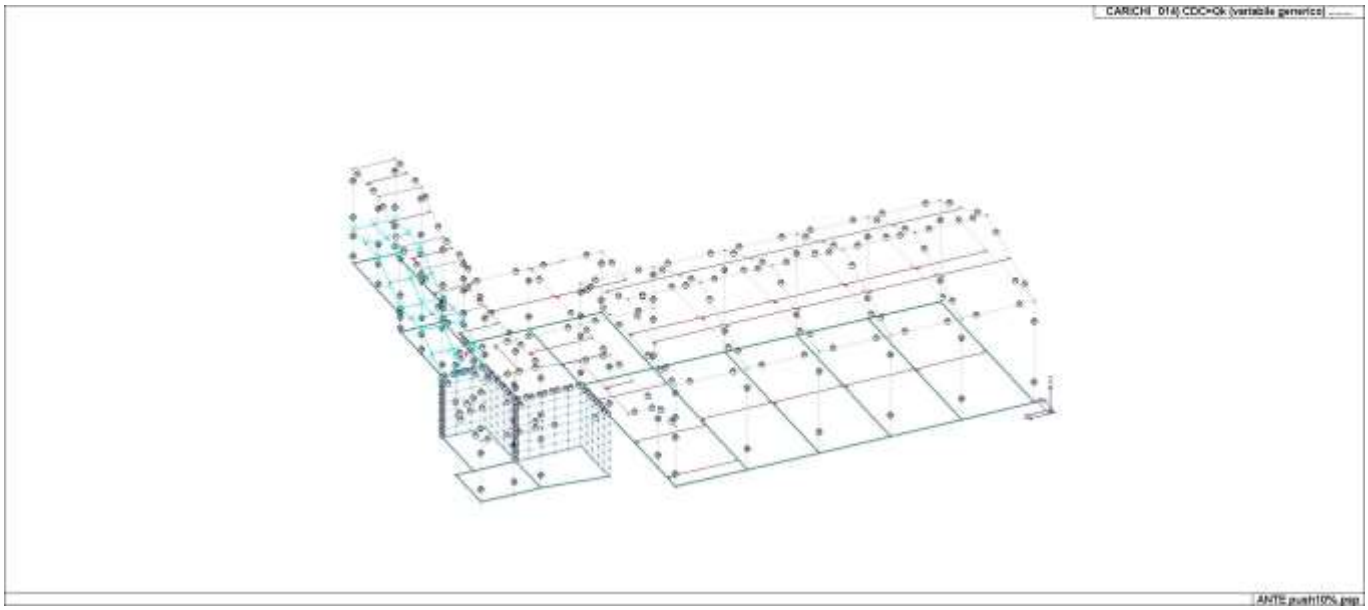
22_CDC_011_CDC=Es (statico SLU non lin.) - [prop. statica] alfa=90.00 (ecc. -)



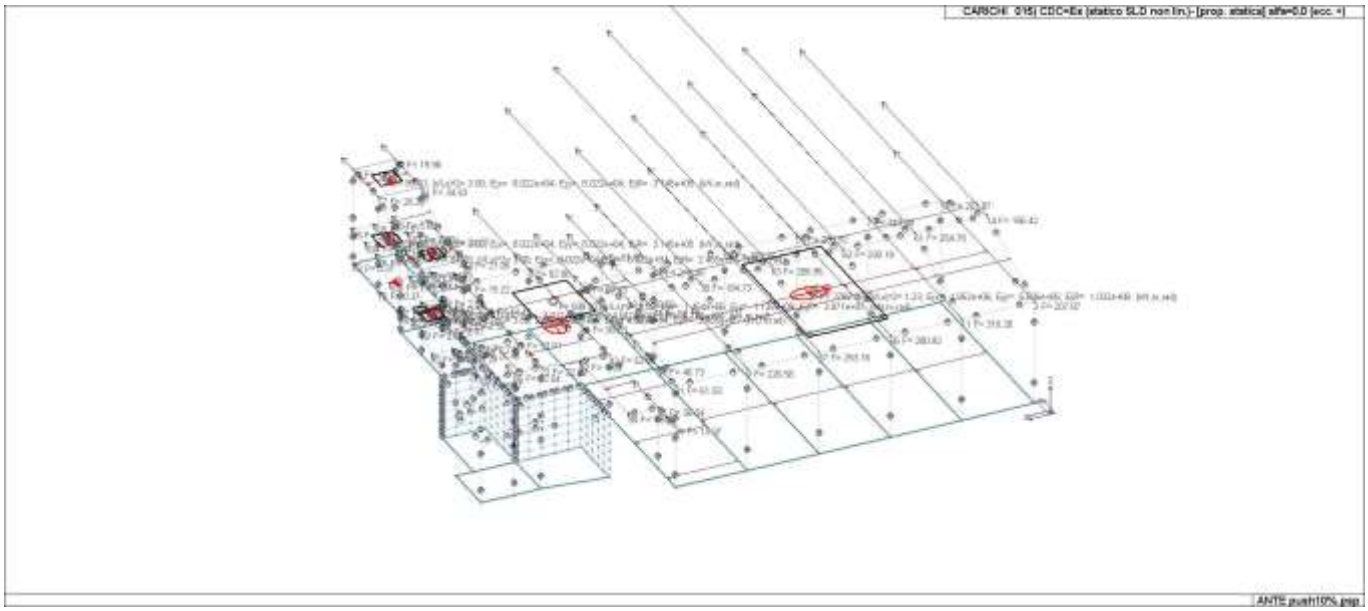
22_CDC_012_CDC=Es (statico SLU non lin.) - (prop. masse) alfa=90.00 (ecc. +)



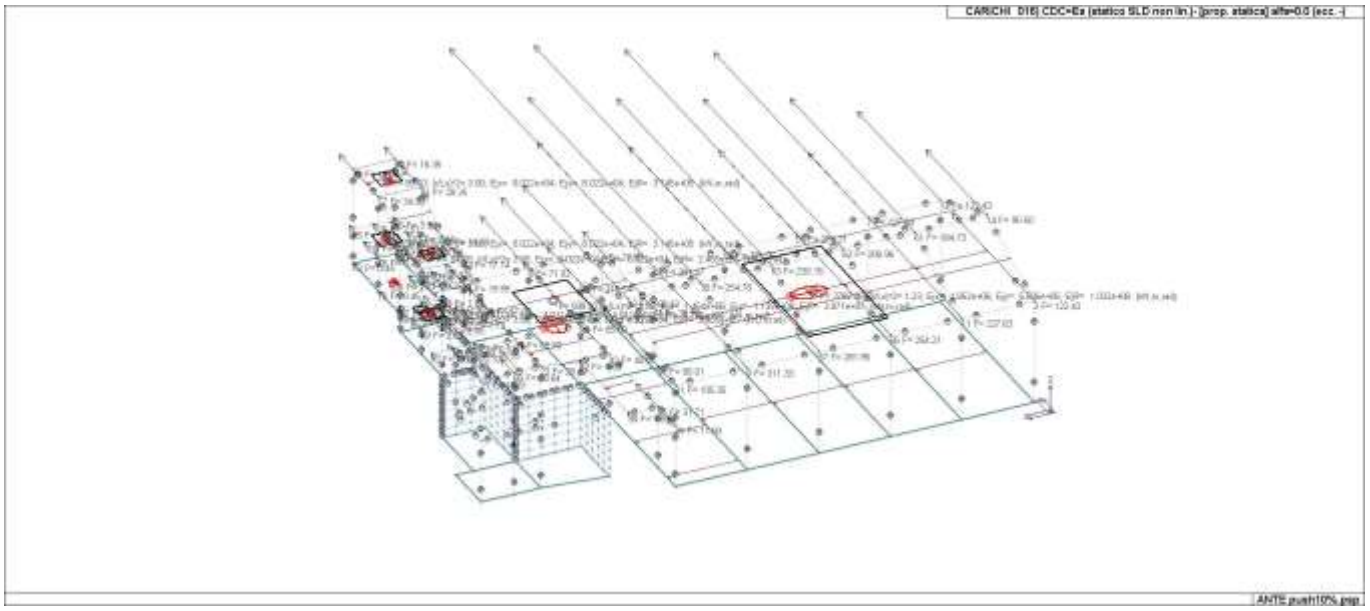
22_CDC_013_CDC=Es (statico SLU non lin.) - (prop. masse) alfa=90.00 (ecc. -)



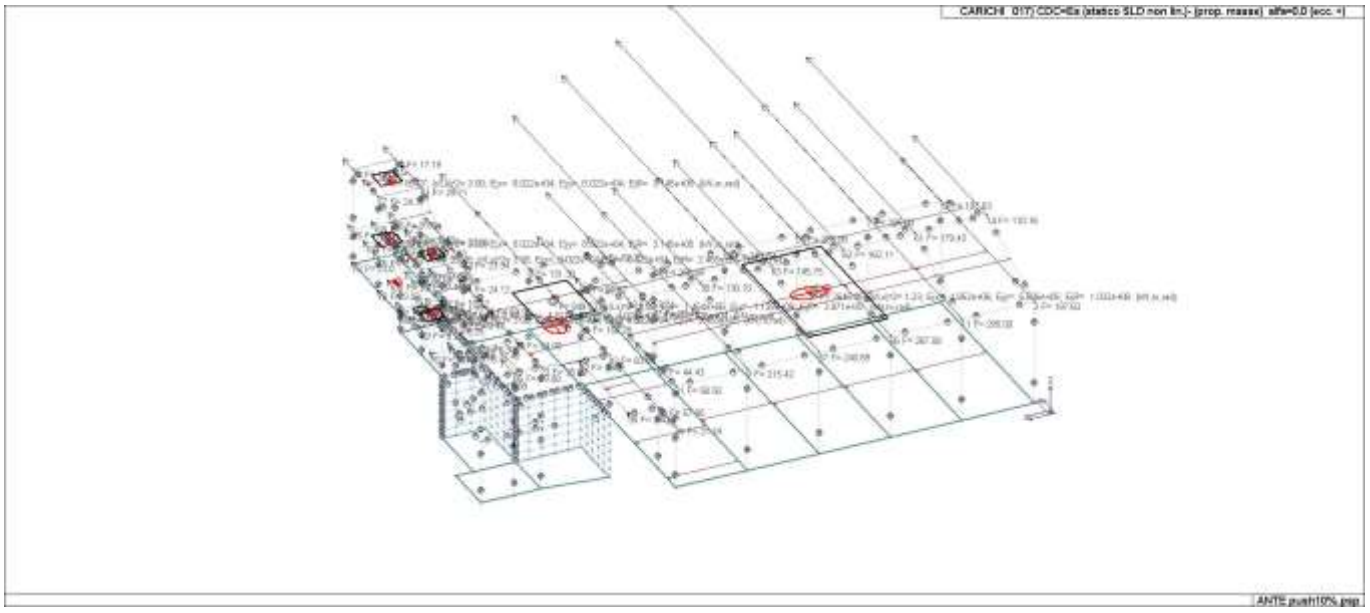
22_CDC_014_CDC=Qk (variabile generico) .....



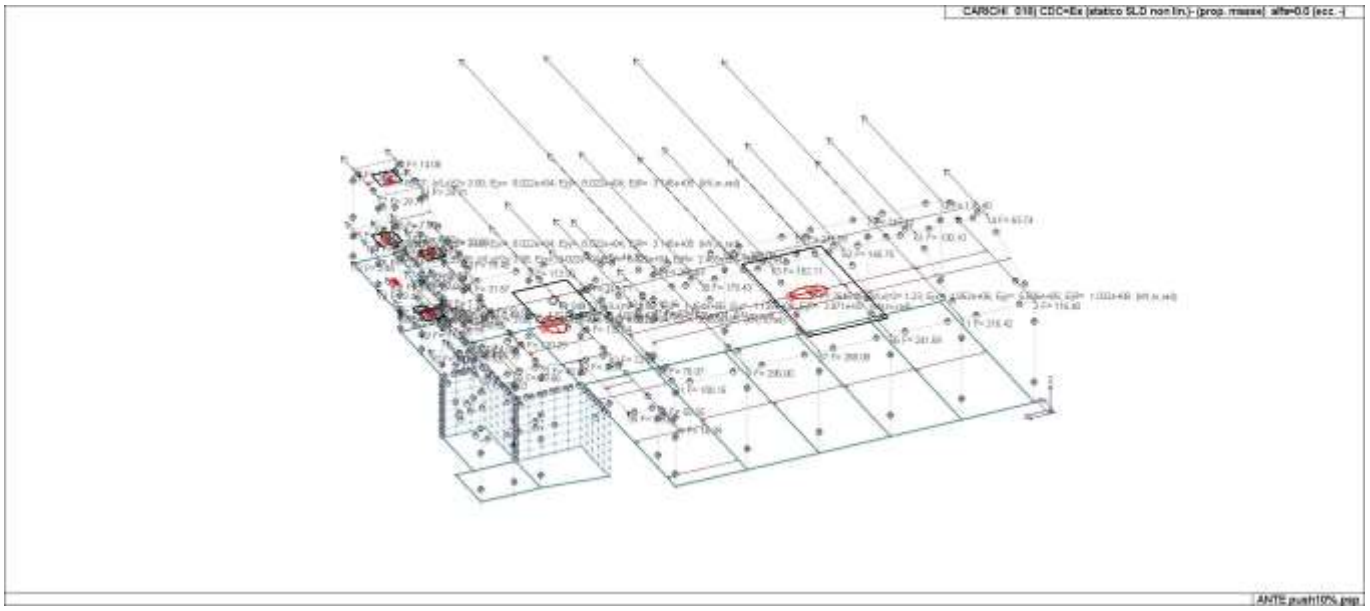
22_CDC_015_CDC=Es (statico SLD non lin.)- [prop. statica] alfa=0.0 (ecc. +)



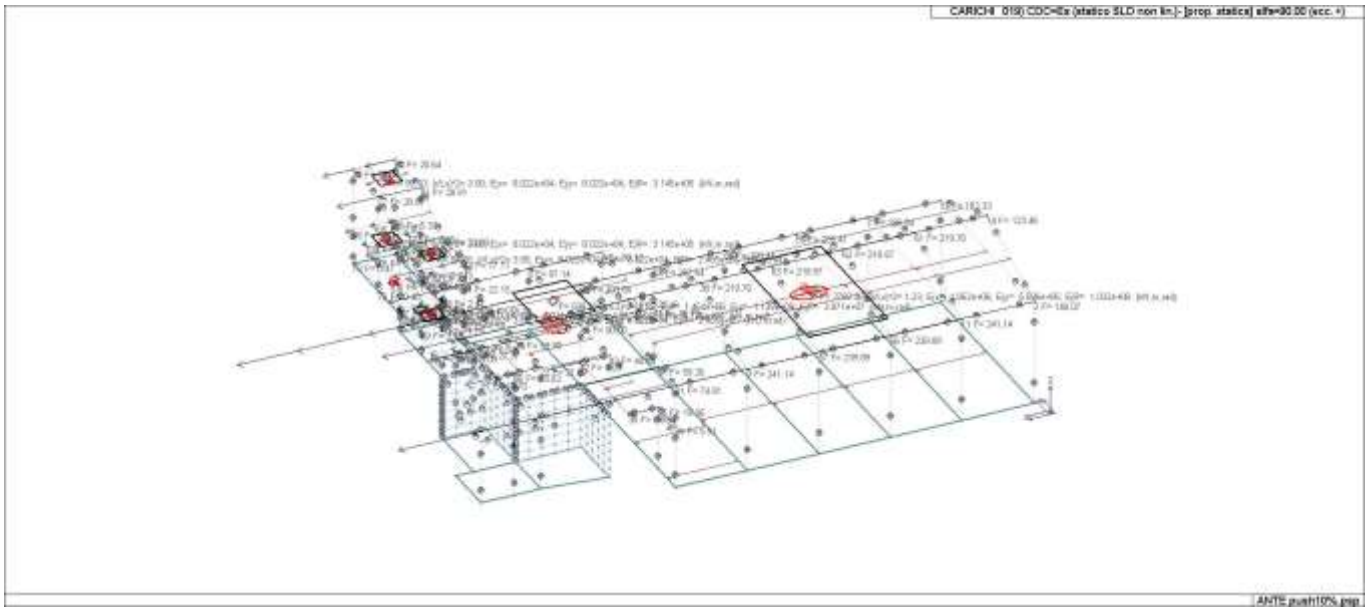
22_CDC_016_CDC=Es (statico SLD non lin.)- [prop. statica] alfa=0.0 (ecc. -)



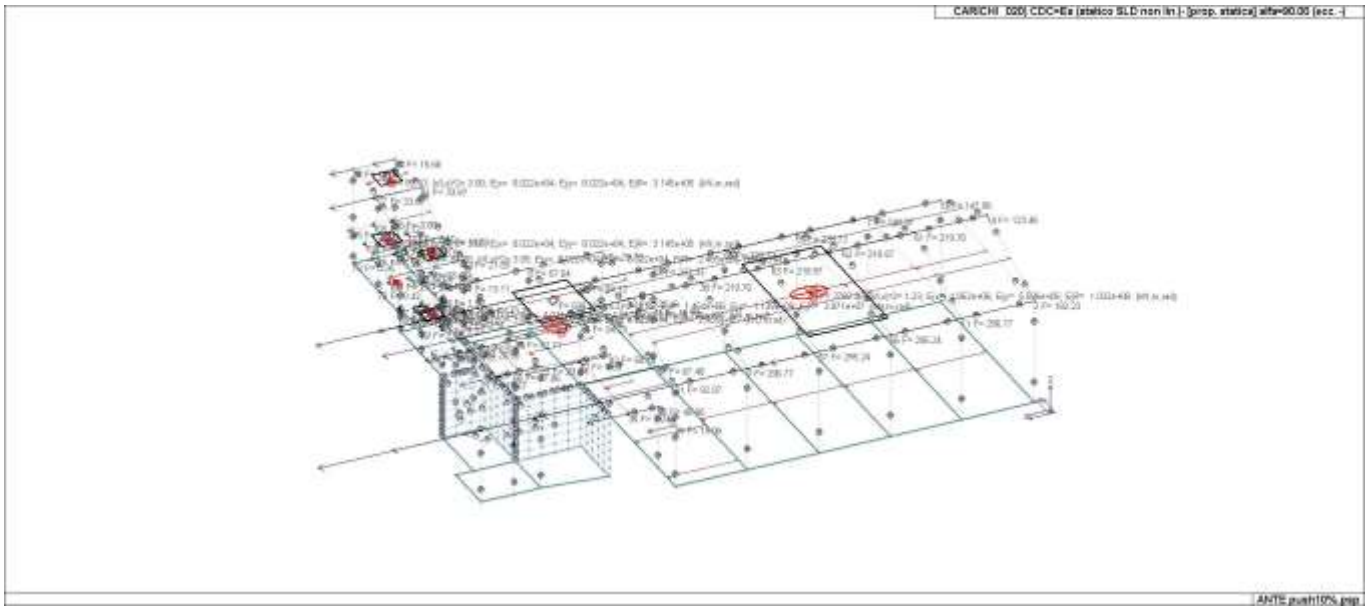
22_CDC_017_CDC=Es (statico SLD non lin.)- (prop. masse) alfa=0.0 (ecc. +)



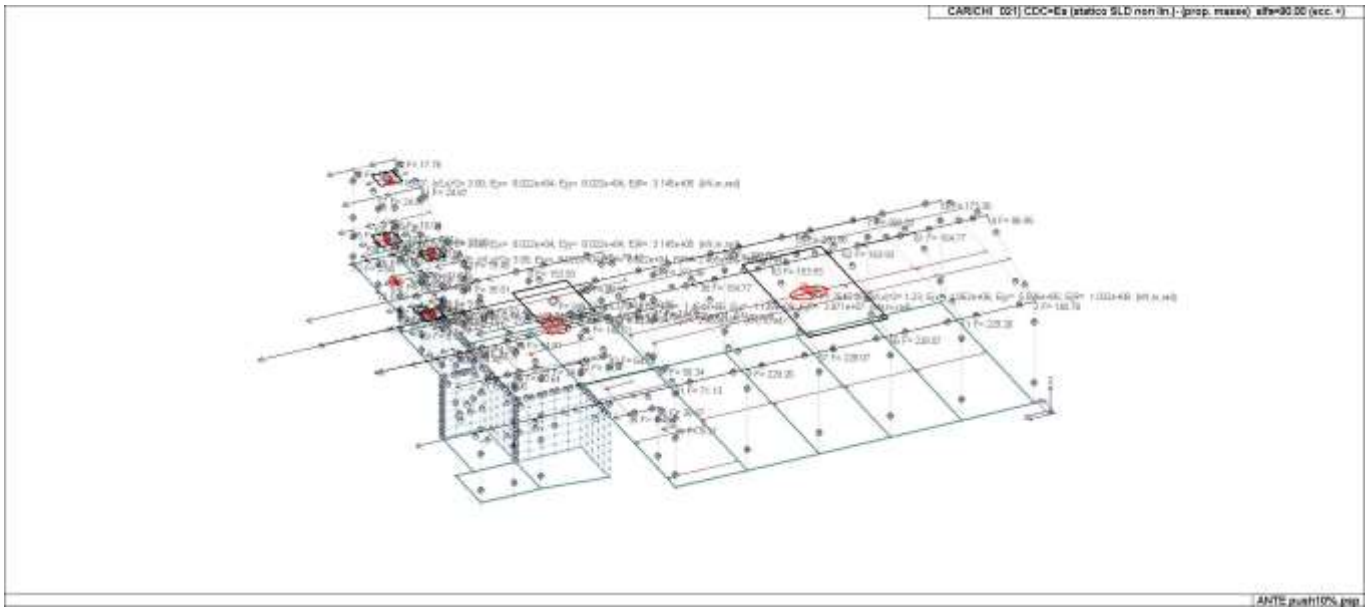
22_CDC_018_CDC=Es (statico SLD non lin.)- (prop. masse) alfa=0.0 (ecc. -)



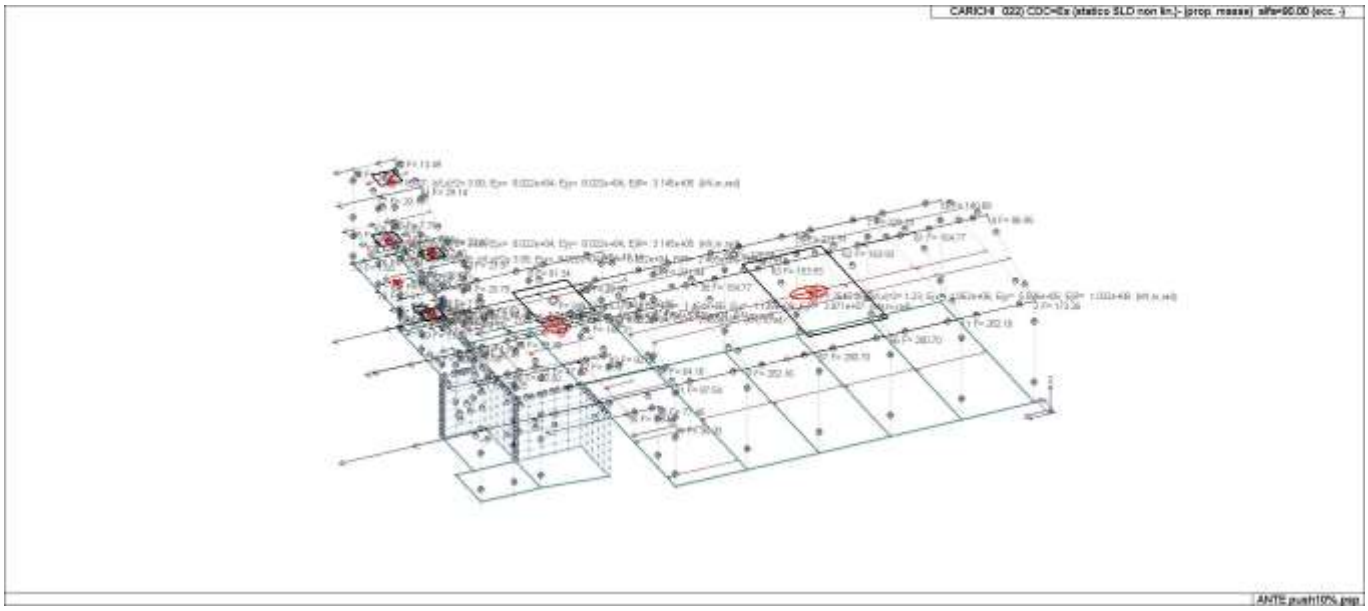
22_CDC_019_CDC=Es (statico SLD non lin.)- [prop. statica] alfa=90.00 (ecc. +)



22_CDC_020_CDC=Es (statico SLD non lin.)- [prop. statica] alfa=90.00 (ecc. -)



22_CDC_021_CDC=Es (statico SLD non lin.)- (prop. masse) alfa=90.00 (ecc. +)



22_CDC_022_CDC=Es (statico SLD non lin.)- (prop. masse) 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*

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

Combinazione caratteristica *(rara) SLE*

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

Combinazione frequente *SLE*

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

Combinazione quasi permanente *SLE*

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

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

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

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

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

Dove:

NTC 2018 Tabella 2.5.I

Destinazione d'uso/azione	***ψ0***	***ψ1***	***ψ2***
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 <= 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.I

		Coefficiente γf	***EQU***	***A1***	***A2***

Carichi permanenti	*Favorevoli*	*γG1*	*0,9*	*1,0*	*1,0*
	Sfavorevoli		*1,1*	*1,3*	*1,0*
Carichi permanenti non strutturali (Non compiutamente definiti)	*Favorevoli*	*γG2*	*0,8*	*0,8*	*0,8*
	Sfavorevoli		*1,5*	*1,5*	*1,3*
Carichi variabili	*Favorevoli*	*γQi*	*0,0*	*0,0*	*0,0*
	Sfavorevoli		*1,5*	*1,5*	*1,3*

Cmb	Tipo	Sigla Id	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	SL (pushover)	Comb. SLU A1 (SLV sism.) 10	
11	SL (pushover)	Comb. SLU A1 (SLV sism.) 11	
12	SL (pushover)	Comb. SLU A1 (SLV sism.) 12	
13	SL (pushover)	Comb. SLU A1 (SLV sism.) 13	
14	SL (pushover)	Comb. SLU A1 (SLV sism.) 14	
15	SL (pushover)	Comb. SLU A1 (SLV sism.) 15	
16	SL (pushover)	Comb. SLU A1 (SLV sism.) 16	
17	SL (pushover)	Comb. SLU A1 (SLV sism.) 17	
18	SL (pushover)	Comb. SLU A1 (SLV sism.) 18	
19	SL (pushover)	Comb. SLU A1 (SLV sism.) 19	
20	SL (pushover)	Comb. SLU A1 (SLV sism.) 20	
21	SL (pushover)	Comb. SLU A1 (SLV sism.) 21	
22	SL (pushover)	Comb. SLU A1 (SLV sism.) 22	
23	SL (pushover)	Comb. SLU A1 (SLV sism.) 23	
24	SL (pushover)	Comb. SLU A1 (SLV sism.) 24	
25	SL (pushover)	Comb. SLU A1 (SLV sism.) 25	
26	SL (pushover)	Comb. SLE (SLD Danno sism.) 26	
27	SL (pushover)	Comb. SLE (SLD Danno sism.) 27	
28	SL (pushover)	Comb. SLE (SLD Danno sism.) 28	
29	SL (pushover)	Comb. SLE (SLD Danno sism.) 29	
30	SL (pushover)	Comb. SLE (SLD Danno sism.) 30	
31	SL (pushover)	Comb. SLE (SLD Danno sism.) 31	
32	SL (pushover)	Comb. SLE (SLD Danno sism.) 32	
33	SL (pushover)	Comb. SLE (SLD Danno sism.) 33	
34	SL (pushover)	Comb. SLE (SLD Danno sism.) 34	
35	SL (pushover)	Comb. SLE (SLD Danno sism.) 35	
36	SL (pushover)	Comb. SLE (SLD Danno sism.) 36	
37	SL (pushover)	Comb. SLE (SLD Danno sism.) 37	
38	SL (pushover)	Comb. SLE (SLD Danno sism.) 38	
39	SL (pushover)	Comb. SLE (SLD Danno sism.) 39	
40	SL (pushover)	Comb. SLE (SLD Danno sism.) 40	
41	SL (pushover)	Comb. SLE (SLD Danno sism.) 41	
42	SLE(f)	Comb. SLE(freq.) 42	
43	SLU(acc.)	Comb. SLU (Accid.) 43	
44	SLE(p)	Comb. SLE(perm.) 44	

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
	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
	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
	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

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
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
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
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
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
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
	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
	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
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
10	1.00	1.00	1.00	0.0	0.0	-1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
11	1.00	1.00	1.00	0.0	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
12	1.00	1.00	1.00	0.0	0.0	0.0	-1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
13	1.00	1.00	1.00	0.0	0.0	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
14	1.00	1.00	1.00	0.0	0.0	0.0	0.0	-1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
15	1.00	1.00	1.00	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
16	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
17	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
18	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	0.0	0.0	0.0
	0.0	0.0	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	0.0	0.0	0.0	1.00	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
20	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
21	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
22	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
23	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
24	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.00	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
25	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
26	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	-1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
27	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
28	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	-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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0						
30	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	-1.00	0.0	0.0	0.0	0.0	0.0						
31	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	1.00	0.0	0.0	0.0	0.0	0.0						
32	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	-1.00	0.0	0.0	0.0	0.0						
33	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	1.00	0.0	0.0	0.0	0.0						
34	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	-1.00	0.0	0.0	0.0						
35	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.0						
36	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	-1.00	0.0	0.0						
37	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0						
38	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	-1.00	0.0						
39	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0						
40	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1.00						

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...
41	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00						
42	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
43	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						
44	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0						

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 Vr 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 Vr e la probabilità di superamento Pver associata a ciascuno degli stati limite considerati, si ottiene il periodo di ritorno Tr 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 Vn [anni]	Coeff. Uso	Periodo Vr [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, Se, è definito dalle seguenti espressioni:

$$0 \le T < T_B \qquad S_e(T) = a_g \cdot S \cdot \eta \cdot F_o \cdot \left[\frac{T}{T_B} + \frac{1}{\eta \cdot F_o}\left(1 - \frac{T}{T_B}\right)\right]$$

$$T_B \le T < T_C \qquad S_e(T) = a_g \cdot S \cdot \eta \cdot F_o$$

$$T_C \le T < T_D \qquad S_e(T) = a_g \cdot S \cdot \eta \cdot F_o \cdot \left(\frac{T_C}{T}\right)$$

$$T_D \le T \qquad S_e(T) = a_g \cdot S \cdot \eta \cdot F_o \cdot \left(\frac{T_C \cdot T_D}{T^2}\right)$$

Lo spettro di risposta elastico in accelerazione della componente verticale del moto sismico, Sve, è definito dalle espressioni:

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

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

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

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

I valori di S_S, T_B, T_C e T_D, sono riportati nella seguenteTabella

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 = Ss*St (3.2.3); nel caso di RSL i valori sono unitari
Fo è il fattore che quantifica l'amplificazione spettrale massima, su sito in esame
Fv è il fattore che quantifica l'amplificazione spettrale massima verticale, in termini di accelerazione orizzontale massima del terreno ag su sito in esame
Tb è il periodo corrispondente all'inizio del tratto dello spettro ad accelerazione costante.
Tc è il periodo corrispondente all'inizio del tratto dello spettro a velocità costante.
Td è il periodo corrispondente all'inizio del tratto dello spettro a spostamento costante.

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	- Possibile l'uso dello spettro NTC se Rapporto minore di 1 e RSL < NTC*1.3 - Non ammesso l'uso dello spettro NTC se RSL ≥ NTC*1.3 e Rapporto maggiore di 1 - Non ammesso l'uso dello spettro NTC (30% superato) se RSL ≥ NTC*1.3 - Non ammasso 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%
Confronto ord.55	Confronto tra lo spettro di risposta sismica locale e lo spettro da normativa amplificato del 30% nell'intervallo compreso tra Tmin e 2Tmax secondo l'Ordinanza n. 55 – 24/04/2018: - Non richiesto (ad di fuori dell'intervallo compreso tra Tmin e 2Tmax); - RSL <= NTC*1.3; - RSL > NTC*1.3
Esito confronto RSL vs NTC (0.7 A)	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): - 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
Confronto NTC	Confronto tra lo spettro di risposta sismica locale e il 70% dello spettro da normativa: - RSL >= NTC_A*0.7;

- RSL < NTC_A*0.7

A seguire sono riportati i confronti tra pericolosità sismica RSL e NTC come previsto da Ordinanza n.55 – 24/04/2018 e NTC (7.2.6)

Id nodo	Longitudine	Latitudine	Distanza
			Km
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

File spettro in input	Normalizzazione
C:/Users/Asus/Dropbox (I FILODRAMMATICI)/STUDIO/IN LAVORAZIONE/PROGEST/COLONNA/FILES LAVORO/RSL_COLONNA_V_Y.txt	Appendice 1) Ordinanza PCM n. 55 24/04/18

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
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

Periodo	Se(t) spettro input
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
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

Periodo di ritorno <Tr>	Accelerazione max <ag>	Amplificazione <Fo>	Inizio v=costante <T*c>
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)

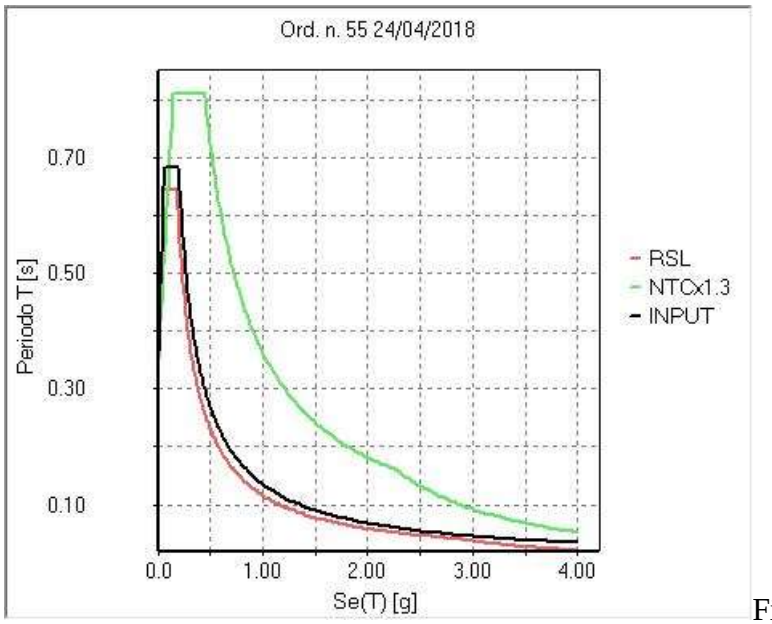


Fig. 1

Periodo	Se(t) RSL	Se(t) NTC*1.3	Confronto ord.55
[s]	[g]	[g]	
0.000	0.309	0.317	Non richiesto
0.010	0.365	0.350	Non richiesto
0.020	0.421	0.383	Non richiesto
0.030	0.477	0.416	Non richiesto
0.040	0.533	0.449	Non richiesto
0.050	0.589	0.483	Non richiesto
0.060	0.645	0.516	Non richiesto
0.070	0.645	0.549	Non richiesto
0.080	0.645	0.582	Non richiesto
0.090	0.645	0.615	Non richiesto
0.100	0.645	0.648	RSL <= NTC*1.3
0.110	0.645	0.682	RSL <= NTC*1.3
0.120	0.645	0.715	RSL <= NTC*1.3
0.130	0.645	0.748	RSL <= NTC*1.3
0.140	0.645	0.781	RSL <= NTC*1.3
0.149	0.645	0.811	RSL <= NTC*1.3
0.150	0.645	0.811	RSL <= NTC*1.3
0.160	0.645	0.811	RSL <= NTC*1.3
0.170	0.645	0.811	RSL <= NTC*1.3
0.171	0.645	0.811	RSL <= NTC*1.3
0.180	0.645	0.811	RSL <= NTC*1.3
0.190	0.611	0.811	RSL <= NTC*1.3
0.200	0.580	0.811	RSL <= NTC*1.3
0.210	0.553	0.811	RSL <= NTC*1.3
0.220	0.528	0.811	RSL <= NTC*1.3

Periodo	Se(t) RSL	Se(t) NTC*1.3	Confronto ord.55
0.230	0.505	0.811	RSL <= NTC*1.3
0.240	0.484	0.811	RSL <= NTC*1.3
0.250	0.464	0.811	RSL <= NTC*1.3
0.260	0.446	0.811	RSL <= NTC*1.3
0.270	0.430	0.811	RSL <= NTC*1.3
0.280	0.415	0.811	RSL <= NTC*1.3
0.282	0.412	0.811	RSL <= NTC*1.3
0.290	0.400	0.811	RSL <= NTC*1.3
0.300	0.387	0.811	RSL <= NTC*1.3
0.310	0.374	0.811	RSL <= NTC*1.3
0.320	0.363	0.811	RSL <= NTC*1.3
0.330	0.352	0.811	RSL <= NTC*1.3
0.340	0.341	0.811	RSL <= NTC*1.3
0.350	0.332	0.811	RSL <= NTC*1.3
0.360	0.322	0.811	RSL <= NTC*1.3
0.370	0.314	0.811	RSL <= NTC*1.3
0.380	0.305	0.811	RSL <= NTC*1.3
0.390	0.298	0.811	RSL <= NTC*1.3
0.393	0.295	0.811	RSL <= NTC*1.3
0.400	0.290	0.811	RSL <= NTC*1.3
0.410	0.283	0.811	RSL <= NTC*1.3
0.420	0.276	0.811	RSL <= NTC*1.3
0.430	0.270	0.811	RSL <= NTC*1.3
0.440	0.264	0.811	RSL <= NTC*1.3
0.447	0.259	0.811	RSL <= NTC*1.3
0.450	0.258	0.807	RSL <= NTC*1.3
0.460	0.252	0.789	RSL <= NTC*1.3
0.470	0.247	0.772	RSL <= NTC*1.3
0.480	0.242	0.756	RSL <= NTC*1.3
0.490	0.237	0.741	RSL <= NTC*1.3
0.500	0.232	0.726	RSL <= NTC*1.3
0.504	0.230	0.720	RSL <= NTC*1.3
0.510	0.228	0.712	RSL <= NTC*1.3
0.520	0.223	0.698	RSL <= NTC*1.3
0.530	0.219	0.685	RSL <= NTC*1.3
0.540	0.215	0.672	RSL <= NTC*1.3
0.550	0.211	0.660	RSL <= NTC*1.3
0.560	0.207	0.648	RSL <= NTC*1.3
0.570	0.204	0.637	RSL <= NTC*1.3
0.580	0.200	0.626	RSL <= NTC*1.3
0.600	0.193	0.605	RSL <= NTC*1.3
0.615	0.189	0.590	RSL <= NTC*1.3
0.620	0.187	0.586	RSL <= NTC*1.3
0.640	0.181	0.567	RSL <= NTC*1.3
0.660	0.176	0.550	RSL <= NTC*1.3
0.680	0.171	0.534	RSL <= NTC*1.3
0.700	0.166	0.519	RSL <= NTC*1.3
0.720	0.161	0.504	Non richiesto
0.726	0.160	0.500	Non richiesto
0.740	0.157	0.491	Non richiesto
0.760	0.153	0.478	Non richiesto
0.780	0.149	0.465	Non richiesto
0.800	0.145	0.454	Non richiesto
0.820	0.142	0.443	Non richiesto
0.837	0.139	0.434	Non richiesto
0.840	0.138	0.432	Non richiesto
0.860	0.135	0.422	Non richiesto
0.880	0.132	0.413	Non richiesto
0.900	0.129	0.403	Non richiesto
0.920	0.126	0.395	Non richiesto
0.940	0.123	0.386	Non richiesto
0.948	0.122	0.383	Non richiesto
0.960	0.121	0.378	Non richiesto
0.980	0.118	0.370	Non richiesto
1.000	0.116	0.363	Non richiesto
1.050	0.111	0.346	Non richiesto
1.059	0.110	0.343	Non richiesto
1.100	0.106	0.330	Non richiesto
1.150	0.101	0.316	Non richiesto
1.170	0.099	0.310	Non richiesto
1.200	0.097	0.303	Non richiesto
1.250	0.093	0.290	Non richiesto
1.281	0.091	0.283	Non richiesto
1.300	0.089	0.279	Non richiesto

Periodo	Se(t) RSL	Se(t) NTC*1.3	Confronto ord.55
1.350	0.086	0.269	Non richiesto
1.392	0.083	0.261	Non richiesto
1.400	0.083	0.259	Non richiesto
1.450	0.080	0.250	Non richiesto
1.500	0.077	0.242	Non richiesto
1.504	0.077	0.241	Non richiesto
1.550	0.075	0.234	Non richiesto
1.600	0.073	0.227	Non richiesto
1.615	0.072	0.225	Non richiesto
1.650	0.070	0.220	Non richiesto
1.700	0.068	0.214	Non richiesto
1.726	0.067	0.210	Non richiesto
1.750	0.066	0.207	Non richiesto
1.800	0.064	0.202	Non richiesto
1.837	0.063	0.198	Non richiesto
1.850	0.063	0.196	Non richiesto
1.900	0.061	0.191	Non richiesto
1.948	0.060	0.186	Non richiesto
1.950	0.060	0.186	Non richiesto
2.000	0.058	0.182	Non richiesto
2.050	0.057	0.177	Non richiesto
2.059	0.056	0.176	Non richiesto
2.100	0.055	0.173	Non richiesto
2.150	0.054	0.169	Non richiesto
2.170	0.053	0.167	Non richiesto
2.200	0.053	0.165	Non richiesto
2.250	0.052	0.161	Non richiesto
2.277	0.051	0.159	Non richiesto
2.281	0.051	0.159	Non richiesto
2.300	0.050	0.156	Non richiesto
2.350	0.049	0.150	Non richiesto
2.392	0.049	0.145	Non richiesto
2.400	0.048	0.144	Non richiesto
2.500	0.046	0.132	Non richiesto
2.503	0.046	0.132	Non richiesto
2.600	0.045	0.122	Non richiesto
2.614	0.044	0.121	Non richiesto
2.700	0.043	0.113	Non richiesto
2.725	0.043	0.111	Non richiesto
2.800	0.041	0.105	Non richiesto
2.836	0.041	0.103	Non richiesto
2.883	0.040	0.099	Non richiesto
2.900	0.039	0.098	Non richiesto
2.929	0.038	0.096	Non richiesto
2.976	0.037	0.093	Non richiesto
3.000	0.037	0.092	Non richiesto
3.022	0.036	0.091	Non richiesto
3.069	0.035	0.088	Non richiesto
3.100	0.034	0.086	Non richiesto
3.115	0.034	0.085	Non richiesto
3.162	0.033	0.083	Non richiesto
3.200	0.032	0.081	Non richiesto
3.208	0.032	0.080	Non richiesto
3.255	0.031	0.078	Non richiesto
3.300	0.030	0.076	Non richiesto
3.302	0.030	0.076	Non richiesto
3.348	0.029	0.074	Non richiesto
3.395	0.029	0.072	Non richiesto
3.400	0.028	0.072	Non richiesto
3.441	0.028	0.070	Non richiesto
3.488	0.027	0.068	Non richiesto
3.500	0.027	0.067	Non richiesto
3.534	0.026	0.066	Non richiesto
3.581	0.026	0.064	Non richiesto
3.600	0.025	0.064	Non richiesto
3.628	0.025	0.063	Non richiesto
3.674	0.024	0.061	Non richiesto
3.700	0.024	0.060	Non richiesto
3.721	0.024	0.060	Non richiesto
3.767	0.023	0.058	Non richiesto
3.800	0.023	0.057	Non richiesto
3.814	0.023	0.057	Non richiesto
3.860	0.022	0.055	Non richiesto
3.900	0.022	0.054	Non richiesto

Periodo	Se(t) RSL	Se(t) NTC*1.3	Confronto ord.55
3.907	0.022	0.054	Non richiesto
3.953	0.021	0.053	Non richiesto
4.000	0.021	0.052	Non richiesto

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

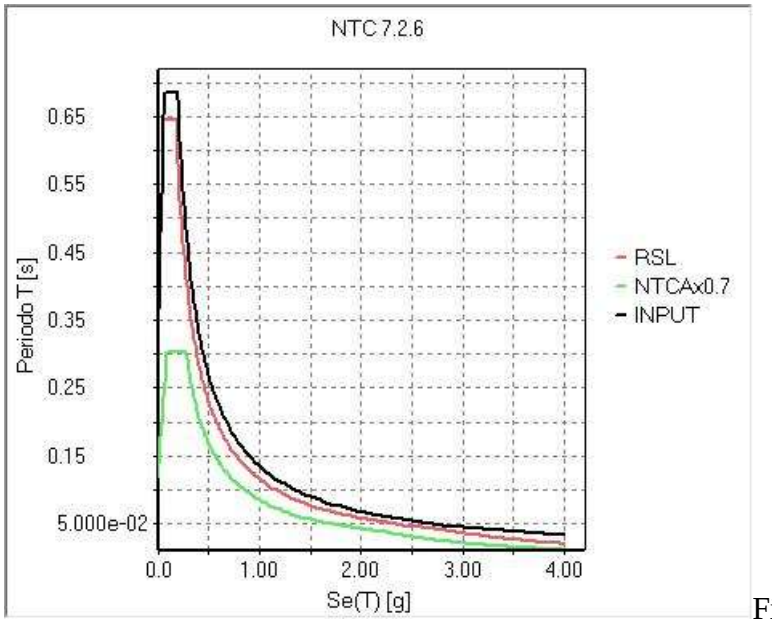


Fig. 2

Periodo	Se(t) RSL	Se(t) NTC*0.7 suolo tipo A	Confronto NTC
[s]	[g]	[g]	
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
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

Periodo	Se(t) RSL	Se(t) NTC*0.7 suolo tipo A	Confronto NTC
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
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

Periodo	Se(t) RSL	Se(t) NTC*0.7 suolo tipo A	Confronto NTC
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
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. Edkcaso di carico sismico con analisi dinamica

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

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

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

Nel caso di elementi progettati in campo non dissipativo vengono adottate le sollecitazioni calcolate con un fattore qND ricavato come da 7.3.2 in funzione del fattore di comportamento q utilizzato per la struttura: 1<qND=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/Ls (per strutture a nucleo), indici di regolarità e/r secondo EC8 4.2.3.2
   - azione sismica complessiva

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

Per ciascuna combinazione sismica definita SLD o SLO viene riportato il livello di deformazione etaT (dr) degli elementi strutturali verticali. Per semplicità di consultazione il livello è espresso anche in unità 1000*etaT/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 etaT, etaP e etaD degli elementi strutturali verticali. Per semplicità di consultazione il livello è espresso in unità 1000*etaT/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 A2, 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 Ar (per dispositivi circolari)
V	Azione verticale agente
Ar	Area ridotta efficace
Dim A2	Dimensione utile per il calcolo della deformazione per rotazione
Sig s	Tensione nell' inserto in acciaio
Gam c(a,s,t)	Deformazioni di taglio dell' elestomero
Vcr	Carico critico per instabilità

Affinché la verifica sia positiva deve essere:

1) V > 0
2) Sig s < fyk
3) Gam t < 5
4) Gam s < Gam * (caratteristica dell' elastomero)
5) Gam s < 2
6) V < 0.5 Vcr

CDC	Tipo	Sigla Id	Note
6	Esk	CDC=Es (statico SLU non lin.) - [prop. statica] 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
			forze: come statica lineare

Quota	Forza Sismica	Tot. parziale	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	kN	kN	m	m	m	m	m	m			
8.10	1123.56	1123.56	791.29	6.94	10.53	0.0	-1.02	0.0	0.0	0.0	0.0	0.0
6.63	99.10	1222.66	85.27	25.34	25.61	0.0	-0.12	25.76	25.61	3.000	0.212	0.0
6.00	2782.36	4005.02	2645.35	6.92	10.46	0.0	-1.02	6.94	10.13	1.227	0.001	0.044
5.02	84.00	4089.02	95.48	20.32	25.64	0.0	-0.12	20.27	25.61	3.000	0.029	0.018
3.60	599.22	4688.24	949.52	13.18	21.98	0.0	-0.56	15.42	20.98	0.873	0.383	0.194
3.03	38.39	4726.63	72.27	25.56	25.61	0.0	-0.12	25.76	25.61	3.000	0.102	0.0
2.23	7.25	4733.88	18.54	22.87	25.61	0.0	-0.12	0.0	0.0	0.0	0.0	0.0
1.43	16.89	4750.77	67.38	20.26	25.64	0.0	-0.12	20.27	25.61	3.000	0.002	0.016
1.03	2.21	4752.98	12.22	24.65	25.61	0.0	-0.12	21.54	25.61	0.439	2.590	2.0498e-06
0.71	2.24	4755.22	17.91	17.71	25.56	0.0	-0.12	0.0	0.0	0.0	0.0	0.0
Risulta	4755.22		4755.22									

CDC	Tipo	Sigla Id	Note
7	Esk	CDC=Es (statico SLU non lin.) - [prop. statica] 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
			forze: come statica lineare

Quota	Forza Sismica	Tot. parziale	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	kN	kN	m	m	m	m	m	m			
8.10	1123.56	1123.56	791.29	6.94	10.53	0.0	1.02	0.0	0.0	0.0	0.0	0.0
6.63	99.10	1222.66	85.27	25.34	25.61	0.0	0.12	25.76	25.61	3.000	0.212	0.0
6.00	2782.36	4005.02	2645.35	6.92	10.46	0.0	1.02	6.94	10.13	1.227	0.001	0.044
5.02	84.00	4089.02	95.48	20.32	25.64	0.0	0.12	20.27	25.61	3.000	0.029	0.018
3.60	599.22	4688.24	949.52	13.18	21.98	0.0	0.56	15.42	20.98	0.873	0.383	0.194
3.03	38.39	4726.63	72.27	25.56	25.61	0.0	0.12	25.76	25.61	3.000	0.102	0.0
2.23	7.25	4733.88	18.54	22.87	25.61	0.0	0.12	0.0	0.0	0.0	0.0	0.0
1.43	16.89	4750.77	67.38	20.26	25.64	0.0	0.12	20.27	25.61	3.000	0.002	0.016
1.03	2.21	4752.98	12.22	24.65	25.61	0.0	0.12	21.54	25.61	0.439	2.590	2.0498e-06
0.71	2.24	4755.22	17.91	17.71	25.56	0.0	0.12	0.0	0.0	0.0	0.0	0.0
Risulta	4755.22		4755.22									

CDC	Tipo	Sigla Id	Note
8	Esk	CDC=Es (statico SLU non lin.) - (prop. masse) 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

CDC	Tipo	Sigla Id	Note
			angolo di ingresso:0.0
			eccentricità aggiuntiva: positiva
			forze: proporzionali alla massa

Quota	Forza Sismica	Tot. parziale	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	kN	kN	m	m	m	m	m	m			
8.10	791.29	791.29	791.29	6.94	10.53	0.0	-1.02	0.0	0.0	0.0	0.0	0.0
6.63	85.27	876.55	85.27	25.34	25.61	0.0	-0.12	25.76	25.61	3.000	0.212	0.0
6.00	2645.35	3521.90	2645.35	6.92	10.46	0.0	-1.02	6.94	10.13	1.227	0.001	0.044
5.02	95.48	3617.38	95.48	20.32	25.64	0.0	-0.12	20.27	25.61	3.000	0.029	0.018
3.60	949.52	4566.90	949.52	13.18	21.98	0.0	-0.56	15.42	20.98	0.873	0.383	0.194
3.03	72.27	4639.17	72.27	25.56	25.61	0.0	-0.12	25.76	25.61	3.000	0.102	0.0
2.23	18.54	4657.72	18.54	22.87	25.61	0.0	-0.12	0.0	0.0	0.0	0.0	0.0
1.43	67.38	4725.10	67.38	20.26	25.64	0.0	-0.12	20.27	25.61	3.000	0.002	0.016
1.03	12.22	4737.32	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	4755.22	17.91	17.71	25.56	0.0	-0.12	0.0	0.0	0.0	0.0	0.0
Risulta	4755.22		4755.22									

CDC	Tipo	Sigla Id	Note
9	Esk	CDC=Es (statico SLU non lin.) - (prop. masse) 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
			forze: proporzionali alla massa

Quota	Forza Sismica	Tot. parziale	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	kN	kN	m	m	m	m	m	m			
8.10	791.29	791.29	791.29	6.94	10.53	0.0	1.02	0.0	0.0	0.0	0.0	0.0
6.63	85.27	876.55	85.27	25.34	25.61	0.0	0.12	25.76	25.61	3.000	0.212	0.0
6.00	2645.35	3521.90	2645.35	6.92	10.46	0.0	1.02	6.94	10.13	1.227	0.001	0.044
5.02	95.48	3617.38	95.48	20.32	25.64	0.0	0.12	20.27	25.61	3.000	0.029	0.018
3.60	949.52	4566.90	949.52	13.18	21.98	0.0	0.56	15.42	20.98	0.873	0.383	0.194
3.03	72.27	4639.17	72.27	25.56	25.61	0.0	0.12	25.76	25.61	3.000	0.102	0.0
2.23	18.54	4657.72	18.54	22.87	25.61	0.0	0.12	0.0	0.0	0.0	0.0	0.0
1.43	67.38	4725.10	67.38	20.26	25.64	0.0	0.12	20.27	25.61	3.000	0.002	0.016
1.03	12.22	4737.32	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	4755.22	17.91	17.71	25.56	0.0	0.12	0.0	0.0	0.0	0.0	0.0
Risulta	4755.22		4755.22									

CDC	Tipo	Sigla Id	Note
10	Esk	CDC=Es (statico SLU non lin.) - [prop. statica] 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
			forze: come statica lineare

Quota	Forza Sismica	Tot. parziale	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	kN	kN	m	m	m	m	m	m			
8.10	1123.56	1123.56	791.29	6.94	10.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.63	99.10	1222.66	85.27	25.34	25.61	0.16	0.0	25.76	25.61	3.000	0.212	0.0
6.00	2782.36	4005.02	2645.35	6.92	10.46	0.57	0.0	6.94	10.13	1.227	0.001	0.044
5.02	84.00	4089.02	95.48	20.32	25.64	0.13	0.0	20.27	25.61	3.000	0.029	0.018
3.60	599.22	4688.24	949.52	13.18	21.98	0.89	0.0	15.42	20.98	0.873	0.383	0.194
3.03	38.39	4726.63	72.27	25.56	25.61	0.16	0.0	25.76	25.61	3.000	0.102	0.0
2.23	7.25	4733.88	18.54	22.87	25.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.43	16.89	4750.77	67.38	20.26	25.64	0.13	0.0	20.27	25.61	3.000	0.002	0.016
1.03	2.21	4752.98	12.22	24.65	25.61	0.29	0.0	21.54	25.61	0.439	2.590	2.0498e-06
0.71	2.24	4755.22	17.91	17.71	25.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Risulta	4755.22		4755.22									

CDC	Tipo	Sigla Id	Note
11	Esk	CDC=Es (statico SLU non lin.) - [prop. statica] 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
			forze: come statica lineare

Quota	Forza Sismica	Tot. parziale	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	kN	kN	m	m	m	m	m	m			
8.10	1123.56	1123.56	791.29	6.94	10.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.63	99.10	1222.66	85.27	25.34	25.61	-0.16	0.0	25.76	25.61	3.000	0.212	0.0
6.00	2782.36	4005.02	2645.35	6.92	10.46	-0.57	0.0	6.94	10.13	1.227	0.001	0.044
5.02	84.00	4089.02	95.48	20.32	25.64	-0.13	0.0	20.27	25.61	3.000	0.029	0.018
3.60	599.22	4688.24	949.52	13.18	21.98	-0.89	0.0	15.42	20.98	0.873	0.383	0.194
3.03	38.39	4726.63	72.27	25.56	25.61	-0.16	0.0	25.76	25.61	3.000	0.102	0.0
2.23	7.25	4733.88	18.54	22.87	25.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.43	16.89	4750.77	67.38	20.26	25.64	-0.13	0.0	20.27	25.61	3.000	0.002	0.016
1.03	2.21	4752.98	12.22	24.65	25.61	-0.29	0.0	21.54	25.61	0.439	2.590	2.0498e-06
0.71	2.24	4755.22	17.91	17.71	25.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Risulta	4755.22		4755.22									

CDC	Tipo	Sigla Id	Note
12	Esk	CDC=Es (statico SLU non lin.) - (prop. masse) 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
			forze: proporzionali alla massa

Quota	Forza Sismica	Tot. parziale	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	kN	kN	m	m	m	m	m	m			

Quota	Forza Sismica	Tot. parziale	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
8.10	791.29	791.29	791.29	6.94	10.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.63	85.27	876.55	85.27	25.34	25.61	0.16	0.0	25.76	25.61	3.000	0.212	0.0
6.00	2645.35	3521.90	2645.35	6.92	10.46	0.57	0.0	6.94	10.13	1.227	0.001	0.044
5.02	95.48	3617.38	95.48	20.32	25.64	0.13	0.0	20.27	25.61	3.000	0.029	0.018
3.60	949.52	4566.90	949.52	13.18	21.98	0.89	0.0	15.42	20.98	0.873	0.383	0.194
3.03	72.27	4639.17	72.27	25.56	25.61	0.16	0.0	25.76	25.61	3.000	0.102	0.0
2.23	18.54	4657.72	18.54	22.87	25.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.43	67.38	4725.10	67.38	20.26	25.64	0.13	0.0	20.27	25.61	3.000	0.002	0.016
1.03	12.22	4737.32	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	4755.22	17.91	17.71	25.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Risulta	4755.22		4755.22									

CDC	Tipo	Sigla Id	Note
13	Esk	CDC=Es (statico SLU non lin.) - (prop. masse) 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
			forze: proporzionali alla massa

Quota	Forza Sismica	Tot. parziale	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	kN	kN	m	m	m	m	m	m			
8.10	791.29	791.29	791.29	6.94	10.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.63	85.27	876.55	85.27	25.34	25.61	-0.16	0.0	25.76	25.61	3.000	0.212	0.0
6.00	2645.35	3521.90	2645.35	6.92	10.46	-0.57	0.0	6.94	10.13	1.227	0.001	0.044
5.02	95.48	3617.38	95.48	20.32	25.64	-0.13	0.0	20.27	25.61	3.000	0.029	0.018
3.60	949.52	4566.90	949.52	13.18	21.98	-0.89	0.0	15.42	20.98	0.873	0.383	0.194
3.03	72.27	4639.17	72.27	25.56	25.61	-0.16	0.0	25.76	25.61	3.000	0.102	0.0
2.23	18.54	4657.72	18.54	22.87	25.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.43	67.38	4725.10	67.38	20.26	25.64	-0.13	0.0	20.27	25.61	3.000	0.002	0.016
1.03	12.22	4737.32	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	4755.22	17.91	17.71	25.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Risulta	4755.22		4755.22									

CDC	Tipo	Sigla Id	Note
15	Esk	CDC=Es (statico SLD non lin.)- [prop. statica] 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
			forze: come statica lineare

Quota	Forza Sismica	Tot. parziale	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	kN	kN	m	m	m	m	m	m			
8.10	1123.56	1123.56	791.29	6.94	10.53	0.0	-1.02	0.0	0.0	0.0	0.0	0.0
6.63	99.10	1222.66	85.27	25.34	25.61	0.0	-0.12	25.76	25.61	3.000	0.212	0.0
6.00	2782.36	4005.02	2645.35	6.92	10.46	0.0	-1.02	6.94	10.13	1.227	0.001	0.044
5.02	84.00	4089.02	95.48	20.32	25.64	0.0	-0.12	20.27	25.61	3.000	0.029	0.018

Quota	Forza Sismica	Tot. parziale	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
3.60	599.22	4688.24	949.52	13.18	21.98	0.0	-0.56	15.42	20.98	0.873	0.383	0.194
3.03	38.39	4726.63	72.27	25.56	25.61	0.0	-0.12	25.76	25.61	3.000	0.102	0.0
2.23	7.25	4733.88	18.54	22.87	25.61	0.0	-0.12	0.0	0.0	0.0	0.0	0.0
1.43	16.89	4750.77	67.38	20.26	25.64	0.0	-0.12	20.27	25.61	3.000	0.002	0.016
1.03	2.21	4752.98	12.22	24.65	25.61	0.0	-0.12	21.54	25.61	0.439	2.590	2.0498e-06
0.71	2.24	4755.22	17.91	17.71	25.56	0.0	-0.12	0.0	0.0	0.0	0.0	0.0
Risulta	4755.22		4755.22									

CDC	Tipo	Sigla Id	Note
16	Esk	CDC=Es (statico SLD non lin.)- [prop. statica] 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
			forze: come statica lineare

Quota	Forza Sismica	Tot. parziale	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	kN	kN	m	m	m	m	m	m			
8.10	1123.56	1123.56	791.29	6.94	10.53	0.0	1.02	0.0	0.0	0.0	0.0	0.0
6.63	99.10	1222.66	85.27	25.34	25.61	0.0	0.12	25.76	25.61	3.000	0.212	0.0
6.00	2782.36	4005.02	2645.35	6.92	10.46	0.0	1.02	6.94	10.13	1.227	0.001	0.044
5.02	84.00	4089.02	95.48	20.32	25.64	0.0	0.12	20.27	25.61	3.000	0.029	0.018
3.60	599.22	4688.24	949.52	13.18	21.98	0.0	0.56	15.42	20.98	0.873	0.383	0.194
3.03	38.39	4726.63	72.27	25.56	25.61	0.0	0.12	25.76	25.61	3.000	0.102	0.0
2.23	7.25	4733.88	18.54	22.87	25.61	0.0	0.12	0.0	0.0	0.0	0.0	0.0
1.43	16.89	4750.77	67.38	20.26	25.64	0.0	0.12	20.27	25.61	3.000	0.002	0.016
1.03	2.21	4752.98	12.22	24.65	25.61	0.0	0.12	21.54	25.61	0.439	2.590	2.0498e-06
0.71	2.24	4755.22	17.91	17.71	25.56	0.0	0.12	0.0	0.0	0.0	0.0	0.0
Risulta	4755.22		4755.22									

CDC	Tipo	Sigla Id	Note
17	Esk	CDC=Es (statico SLD non lin.)- (prop. masse) 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
			forze: proporzionali alla massa

Quota	Forza Sismica	Tot. parziale	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	kN	kN	m	m	m	m	m	m			
8.10	791.29	791.29	791.29	6.94	10.53	0.0	-1.02	0.0	0.0	0.0	0.0	0.0
6.63	85.27	876.55	85.27	25.34	25.61	0.0	-0.12	25.76	25.61	3.000	0.212	0.0
6.00	2645.35	3521.90	2645.35	6.92	10.46	0.0	-1.02	6.94	10.13	1.227	0.001	0.044
5.02	95.48	3617.38	95.48	20.32	25.64	0.0	-0.12	20.27	25.61	3.000	0.029	0.018
3.60	949.52	4566.90	949.52	13.18	21.98	0.0	-0.56	15.42	20.98	0.873	0.383	0.194
3.03	72.27	4639.17	72.27	25.56	25.61	0.0	-0.12	25.76	25.61	3.000	0.102	0.0
2.23	18.54	4657.72	18.54	22.87	25.61	0.0	-0.12	0.0	0.0	0.0	0.0	0.0
1.43	67.38	4725.10	67.38	20.26	25.64	0.0	-0.12	20.27	25.61	3.000	0.002	0.016

Quota	Forza Sismica	Tot. parziale	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
1.03	12.22	4737.32	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	4755.22	17.91	17.71	25.56	0.0	-0.12	0.0	0.0	0.0	0.0	0.0
Risulta	4755.22		4755.22									

CDC	Tipo	Sigla Id	Note
18	Esk	CDC=Es (statico SLD non lin.)- (prop. masse) 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
			forze: proporzionali alla massa

Quota	Forza Sismica	Tot. parziale	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	kN	kN	m	m	m	m	m	m			
8.10	791.29	791.29	791.29	6.94	10.53	0.0	1.02	0.0	0.0	0.0	0.0	0.0
6.63	85.27	876.55	85.27	25.34	25.61	0.0	0.12	25.76	25.61	3.000	0.212	0.0
6.00	2645.35	3521.90	2645.35	6.92	10.46	0.0	1.02	6.94	10.13	1.227	0.001	0.044
5.02	95.48	3617.38	95.48	20.32	25.64	0.0	0.12	20.27	25.61	3.000	0.029	0.018
3.60	949.52	4566.90	949.52	13.18	21.98	0.0	0.56	15.42	20.98	0.873	0.383	0.194
3.03	72.27	4639.17	72.27	25.56	25.61	0.0	0.12	25.76	25.61	3.000	0.102	0.0
2.23	18.54	4657.72	18.54	22.87	25.61	0.0	0.12	0.0	0.0	0.0	0.0	0.0
1.43	67.38	4725.10	67.38	20.26	25.64	0.0	0.12	20.27	25.61	3.000	0.002	0.016
1.03	12.22	4737.32	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	4755.22	17.91	17.71	25.56	0.0	0.12	0.0	0.0	0.0	0.0	0.0
Risulta	4755.22		4755.22									

CDC	Tipo	Sigla Id	Note
19	Esk	CDC=Es (statico SLD non lin.)- [prop. statica] 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
			forze: come statica lineare

Quota	Forza Sismica	Tot. parziale	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	kN	kN	m	m	m	m	m	m			
8.10	1123.56	1123.56	791.29	6.94	10.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.63	99.10	1222.66	85.27	25.34	25.61	0.16	0.0	25.76	25.61	3.000	0.212	0.0
6.00	2782.36	4005.02	2645.35	6.92	10.46	0.57	0.0	6.94	10.13	1.227	0.001	0.044
5.02	84.00	4089.02	95.48	20.32	25.64	0.13	0.0	20.27	25.61	3.000	0.029	0.018
3.60	599.22	4688.24	949.52	13.18	21.98	0.89	0.0	15.42	20.98	0.873	0.383	0.194
3.03	38.39	4726.63	72.27	25.56	25.61	0.16	0.0	25.76	25.61	3.000	0.102	0.0
2.23	7.25	4733.88	18.54	22.87	25.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.43	16.89	4750.77	67.38	20.26	25.64	0.13	0.0	20.27	25.61	3.000	0.002	0.016
1.03	2.21	4752.98	12.22	24.65	25.61	0.29	0.0	21.54	25.61	0.439	2.590	2.0498e-06
0.71	2.24	4755.22	17.91	17.71	25.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Risulta	4755.22		4755.22									

CDC	Tipo	Sigla Id	Note
20	Esk	CDC=Es (statico SLD non lin.)- [prop. statica] 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
			forze: come statica lineare

Quota	Forza Sismica	Tot. parziale	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	kN	kN	m	m	m	m	m	m			
8.10	1123.56	1123.56	791.29	6.94	10.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.63	99.10	1222.66	85.27	25.34	25.61	-0.16	0.0	25.76	25.61	3.000	0.212	0.0
6.00	2782.36	4005.02	2645.35	6.92	10.46	-0.57	0.0	6.94	10.13	1.227	0.001	0.044
5.02	84.00	4089.02	95.48	20.32	25.64	-0.13	0.0	20.27	25.61	3.000	0.029	0.018
3.60	599.22	4688.24	949.52	13.18	21.98	-0.89	0.0	15.42	20.98	0.873	0.383	0.194
3.03	38.39	4726.63	72.27	25.56	25.61	-0.16	0.0	25.76	25.61	3.000	0.102	0.0
2.23	7.25	4733.88	18.54	22.87	25.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.43	16.89	4750.77	67.38	20.26	25.64	-0.13	0.0	20.27	25.61	3.000	0.002	0.016
1.03	2.21	4752.98	12.22	24.65	25.61	-0.29	0.0	21.54	25.61	0.439	2.590	2.0498e-06
0.71	2.24	4755.22	17.91	17.71	25.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Risulta	4755.22		4755.22									

CDC	Tipo	Sigla Id	Note
21	Esk	CDC=Es (statico SLD non lin.)- (prop. masse) 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
			forze: proporzionali alla massa

Quota	Forza Sismica	Tot. parziale	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	kN	kN	m	m	m	m	m	m			
8.10	791.29	791.29	791.29	6.94	10.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.63	85.27	876.55	85.27	25.34	25.61	0.16	0.0	25.76	25.61	3.000	0.212	0.0
6.00	2645.35	3521.90	2645.35	6.92	10.46	0.57	0.0	6.94	10.13	1.227	0.001	0.044
5.02	95.48	3617.38	95.48	20.32	25.64	0.13	0.0	20.27	25.61	3.000	0.029	0.018
3.60	949.52	4566.90	949.52	13.18	21.98	0.89	0.0	15.42	20.98	0.873	0.383	0.194
3.03	72.27	4639.17	72.27	25.56	25.61	0.16	0.0	25.76	25.61	3.000	0.102	0.0
2.23	18.54	4657.72	18.54	22.87	25.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.43	67.38	4725.10	67.38	20.26	25.64	0.13	0.0	20.27	25.61	3.000	0.002	0.016
1.03	12.22	4737.32	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	4755.22	17.91	17.71	25.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Risulta	4755.22		4755.22									

CDC	Tipo	Sigla Id	Note
22	Esk	CDC=Es (statico SLD non lin.)- (prop. masse) 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
			forze: proporzionali alla massa

Quota	Forza Sismica	Tot. parziale	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	kN	kN	m	m	m	m	m	m			
8.10	791.29	791.29	791.29	6.94	10.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.63	85.27	876.55	85.27	25.34	25.61	-0.16	0.0	25.76	25.61	3.000	0.212	0.0
6.00	2645.35	3521.90	2645.35	6.92	10.46	-0.57	0.0	6.94	10.13	1.227	0.001	0.044
5.02	95.48	3617.38	95.48	20.32	25.64	-0.13	0.0	20.27	25.61	3.000	0.029	0.018
3.60	949.52	4566.90	949.52	13.18	21.98	-0.89	0.0	15.42	20.98	0.873	0.383	0.194
3.03	72.27	4639.17	72.27	25.56	25.61	-0.16	0.0	25.76	25.61	3.000	0.102	0.0
2.23	18.54	4657.72	18.54	22.87	25.61	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.43	67.38	4725.10	67.38	20.26	25.64	-0.13	0.0	20.27	25.61	3.000	0.002	0.016
1.03	12.22	4737.32	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	4755.22	17.91	17.71	25.56	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Risulta	4755.22		4755.22									

LEGENDA TABELLA ANALISI SISMICHE NON LINEARI

Le analisi sismiche non lineari sono state condotte con riferimento al Capitolo 7.3.4.2 del D.M. 17 Gennaio 2018.

In particolare per i singoli casi di carico, oltre a quanto riportato nel capitolo precedente, si individuano:

- stato limite di interesse (SL CO collasso, SL V salvaguardia della vita, SL D danno e SL O operatività)
- modalità di distribuzione delle forze (proporzionale alle masse, funzione della forma modale, approssimata come per statica lineare) e di calcolo dello spostamento del punto di controllo.

Le combinazioni sismiche non lineari sono definite in maniera automatica dal programma in base ai paragrafi 2.5.3 e 7.3.5 del DM 17 Gennaio 2018: l'analisi è svolta considerando l'azione sismica (di segno positivo e negativo) applicata separatamente secondo ciascuna delle due direzioni orizzontali.

Il punto di prestazione viene calcolato con il metodo A descritto al §C7.3.4.2 della circolare 7/2019 C.S.LL.PP.

I risultati delle analisi di seguito riportati sono pertanto:

- parametri di calcolo dell' azione sismica
- parametri di calcolo del sistema bilineare equivalente e domanda di spostamento effettivo della struttura
- curva forza complessiva applicata / spostamento del punto di controllo

Una prima tabella riassume i parametri di calcolo per l' azione sismica

CDC	Indice del caso di carico sismico
Tipo	Stato limite di interesse (CO collasso, SL V salvaguardia della vita, SL D danno e SL O operatività)
Angolo ing.	Direzione di ingresso del sisma
Distribuzione F	Modalità di applicazione delle forze sismiche (proporzionale, modale, statica approssimata)
Nodo Dc	Nodo assunto come punto di controllo della curva forza spostamento.
Uso Dc	Modalità di calcolo dello spostamento del punto di controllo effettivo/mediato (valore medio del piano di appartenenza)
Modo/CDC	Forma modale adottata per il calcolo del fattore di partecipazione gamma e per l' eventuale distribuzione delle forze sismiche (se distribuzione = modale); ovvero caso di carico statico assunto come prima forma modale approssimata
Periodo	Periodo del modo adottato
M sismica x g	Massa effettiva
m*	Massa del sistema equivalente (circolare 21 gennaio 2019 paragrafo C7.3.4.2)
m* % stat.	Percentuale di massa partecipante statica (m* / massa)
m* % din.	Percentuale di massa partecipante dinamica (fattore di partecipazione del modo adottato nella direzione del sisma)
Part. Gamma	Fattore di partecipazione (circolare 21 gennaio 2019 paragrafo C7.3.4.2)

La seconda tabella riassume per tutte le combinazioni analizzate le caratteristiche dell' oscillatore equivalente e la domanda in termini di spostamento assunta per la struttura:

Cmb (LC)	Indice della combinazione di interesse con caso di carico considerato e verso (+/-)
Tipo	Stato limite di interesse (CO collasso, SL V salvaguardia della vita, SL D danno e SL O operatività)
D<C	Controllo della condizione domanda inferiore a capacità (se **NO** d verif. è assunto pari a **d Ultimo** nella curva di capacità come riportato alla tabella successiva)
sup. Danno	Indica se elementi hanno superato lo spostamento interpiano di danno
sup. Rottura	Indica se elementi hanno superato lo spostamento interpiano ultimo
d verif.	Spostamento orizzontale effettivo del punto di controllo: prodotto di gamma e **d* max**; nel caso in cui D>C si assume convenzionalmente **d verif**. pari alla capacità ultima **dU** (vedi tabella successiva)
PGA verif.	Accelerazione corrispondente allo spostamento d verif.
F verif.	Taglio alla base corrispondente allo spostamento d verif.
Se(T*)	Accelerazione (ordinata spettro elastico) corrispondente a T*
d* max	Risposta in spostamento del sistema equivalente per l' azione sismica (circolare 21 gennaio 2019 paragrafo C7.3.4.2)
q*	Rapporto tra forza di risposta elastica e forza di snervamento del sistema equivalente. (circolare 21 gennaio 2019 paragrafo C7.3.4.2)
dy*	Spostamento limite elastico del sistema equivalente (circolare 21 gennaio 2019 paragrafo C7.3.4.2)
Fy*	Resistenza del sistema equivalente (circolare 21 gennaio 2019 paragrafo C7.3.4.2)
K*	Rigidezza del sistema equivalente (circolare 21 gennaio 2019 paragrafo C7.3.4.2)
T*	Periodo del sistema equivalente (circolare 21 gennaio 2019 paragrafo C7.3.4.2)

Per ogni combinazione analizzata, viene di seguito riportata la curva di capacità della struttura per mezzo dei punti significativi:

Cmb (LC)	Indice della combinazione di interesse con caso di carico considerato e verso (+/-)
d D	Spostamento del punto di controllo in corrispondenza al superamento dello spostamento di interpiano (per la muratura se non attinto si assume **d M**)
d P1	Spostamento del punto di controllo in corrispondenza alla formazione della prima plasticità concentrata
d M	Spostamento del punto di controllo in corrispondenza al massimo taglio alla base
d U	Spostamento del punto di controllo in corrispondenza alla capacità ultima
d R	Spostamento del punto di controllo in corrispondenza al massimo spostamento dell'oscillatore equivalente
PGA	Accelerazione corrispondente agli spostamenti sopra riportati
F	Taglio alla base corrispondente agli spostamenti sopra riportati

e in forma integrale:

d Dc	Spostamento del punto di controllo
Tag. Fb	Taglio complessivo alla base relativo allo spostamento d Dc

CDC	Tipo	Angolo ing.	Distribuzione F	Nodo Dc	Uso Dc	Modo	Periodo	M Sismica x g	m*	m* % stat	m* % din	Part. Gamma
		gradi					sec	daN	daN			
6	SLV-DS	0.0	Stat. equiv.	14	Mediato	1	0.0	4.755e+05	2.220e+05	46.7	0.0	1.53
7	SLV-DS	0.0	Stat. equiv.	14	Mediato	1	0.0	4.755e+05	2.220e+05	46.7	0.0	1.53
8	SLV-DS	0.0	Proporz.	14	Mediato	1	0.0	4.755e+05	2.220e+05	46.7	0.0	1.53
9	SLV-DS	0.0	Proporz.	14	Mediato	1	0.0	4.755e+05	2.220e+05	46.7	0.0	1.53
10	SLV-DS	90.0	Stat. equiv.	56	Mediato	1	0.0	4.755e+05	3.044e+05	64.0	0.0	1.28
11	SLV-DS	90.0	Stat. equiv.	56	Mediato	1	0.0	4.755e+05	3.044e+05	64.0	0.0	1.28
12	SLV-DS	90.0	Proporz.	56	Mediato	1	0.0	4.755e+05	3.044e+05	64.0	0.0	1.28
13	SLV-DS	90.0	Proporz.	56	Mediato	1	0.0	4.755e+05	3.044e+05	64.0	0.0	1.28
15	SLD-DL	0.0	Stat. equiv.	14	Mediato	1	0.0	4.755e+05	2.220e+05	46.7	0.0	1.53
16	SLD-DL	0.0	Stat. equiv.	14	Mediato	1	0.0	4.755e+05	2.220e+05	46.7	0.0	1.53
17	SLD-DL	0.0	Proporz.	14	Mediato	1	0.0	4.755e+05	2.220e+05	46.7	0.0	1.53
18	SLD-DL	0.0	Proporz.	14	Mediato	1	0.0	4.755e+05	2.220e+05	46.7	0.0	1.53
19	SLD-DL	90.0	Stat. equiv.	56	Mediato	1	0.0	4.755e+05	3.044e+05	64.0	0.0	1.28
20	SLD-DL	90.0	Stat. equiv.	56	Mediato	1	0.0	4.755e+05	3.044e+05	64.0	0.0	1.28
21	SLD-DL	90.0	Proporz.	56	Mediato	1	0.0	4.755e+05	3.044e+05	64.0	0.0	1.28
22	SLD-DL	90.0	Proporz.	56	Mediato	1	0.0	4.755e+05	3.044e+05	64.0	0.0	1.28

Cmb (LC)	Tipo	D<C	d verif.	PGA verif.	F verif.	Fb P1	Fb M	Fb U	Se(T*)	d* max	q*	d y*	F y*	K*	T*
				g	daN	daN	daN	daN	g	cm		cm	daN/cm		sec
10 (-6)	SLU-V	SI	-0.62	0.11	-3.234e+04	-1.712e+04	-1.286e+05	-1.286e+05	0.08	0.37	0.24	1.52	7.377e+04	4.844e+04	0.43
11 (6)	SLU-V	SI	0.61	0.11	3.067e+04	7846.1	1.289e+05	1.289e+05	0.08	0.37	0.24	1.59	7.553e+04	4.765e+04	0.43
12 (-7)	SLU-V	SI	-0.55	0.11	-3.067e+04	-2.473e+04	-1.372e+05	-1.372e+05	0.08	0.35	0.24	1.49	7.920e+04	5.324e+04	0.41
13 (7)	SLU-V	SI	0.57	0.11	3.067e+04	7846.1	1.348e+05	1.348e+05	0.08	0.36	0.23	1.55	8.038e+04	5.191e+04	0.41
14 (-8)	SLU-V	SI	-0.56	0.11	-3.234e+04	-2.473e+04	-1.429e+05	-1.429e+05	0.09	0.35	0.23	1.53	8.203e+04	5.378e+04	0.41
15 (8)	SLU-V	SI	0.55	0.11	3.067e+04	7846.1	1.438e+05	1.438e+05	0.08	0.36	0.22	1.59	8.395e+04	5.272e+04	0.41
16 (-9)	SLU-V	SI	-0.51	0.10	-3.162e+04	-2.306e+04	-1.531e+05	-1.531e+05	0.09	0.34	0.22	1.50	8.834e+04	5.886e+04	0.39
17 (9)	SLU-V	SI	0.52	0.10	3.115e+04	7846.1	1.500e+05	1.500e+05	0.09	0.34	0.22	1.55	8.909e+04	5.732e+04	0.39
18 (-10)	SLU-V	SI	-0.62	0.12	-2.996e+04	-1.474e+04	-8.607e+04	-8.607e+04	0.07	0.44	0.32	1.35	6.464e+04	4.781e+04	0.51
19 (10)	SLU-V	SI	0.62	0.11	2.996e+04	1.474e+04	9.106e+04	9.106e+04	0.07	0.45	0.30	1.50	6.684e+04	4.445e+04	0.52
20 (-11)	SLU-V	SI	-0.48	0.09	-2.306e+04	-1.545e+04	-9.035e+04	-9.035e+04	0.07	0.44	0.31	1.44	6.759e+04	4.689e+04	0.51
21 (11)	SLU-V	SI	0.65	0.12	3.067e+04	1.545e+04	9.178e+04	9.178e+04	0.07	0.46	0.30	1.53	6.717e+04	4.377e+04	0.53
22 (-12)	SLU-V	SI	-0.57	0.11	-2.996e+04	-1.474e+04	-9.701e+04	-9.701e+04	0.07	0.42	0.30	1.42	7.319e+04	5.160e+04	0.49
23 (12)	SLU-V	SI	0.57	0.11	2.996e+04	1.474e+04	1.015e+05	1.015e+05	0.07	0.43	0.28	1.55	7.512e+04	4.862e+04	0.50
24 (-13)	SLU-V	SI	-0.60	0.12	-3.067e+04	-1.545e+04	-1.008e+05	-1.008e+05	0.07	0.43	0.28	1.50	7.572e+04	5.045e+04	0.49
25 (13)	SLU-V	SI	0.60	0.11	3.067e+04	1.545e+04	1.013e+05	1.013e+05	0.07	0.44	0.28	1.57	7.485e+04	4.782e+04	0.51
26 (-15)	SLE-D	SI	-0.62	0.11	-3.234e+04	-1.712e+04	-1.286e+05	-1.286e+05	0.08	0.37	0.24	1.52	7.377e+04	4.844e+04	0.43
27 (15)	SLE-D	SI	0.61	0.11	3.067e+04	7846.1	1.289e+05	1.289e+05	0.08	0.37	0.24	1.59	7.553e+04	4.765e+04	0.43
28 (-16)	SLE-D	SI	-0.55	0.11	-3.067e+04	-2.473e+04	-1.372e+05	-1.372e+05	0.08	0.35	0.24	1.49	7.920e+04	5.324e+04	0.41
29 (16)	SLE-D	SI	0.57	0.11	3.067e+04	7846.1	1.348e+05	1.348e+05	0.08	0.36	0.23	1.55	8.038e+04	5.191e+04	0.41
30 (-17)	SLE-D	SI	-0.56	0.11	-3.234e+04	-2.473e+04	-1.429e+05	-1.429e+05	0.09	0.35	0.23	1.53	8.203e+04	5.378e+04	0.41
31 (17)	SLE-D	SI	0.55	0.11	3.067e+04	7846.1	1.438e+05	1.438e+05	0.08	0.36	0.22	1.59	8.395e+04	5.272e+04	0.41
32 (-18)	SLE-D	SI	-0.51	0.10	-3.162e+04	-2.306e+04	-1.531e+05	-1.531e+05	0.09	0.34	0.22	1.50	8.834e+04	5.886e+04	0.39
33 (18)	SLE-D	SI	0.52	0.10	3.115e+04	7846.1	1.500e+05	1.500e+05	0.09	0.34	0.22	1.55	8.909e+04	5.732e+04	0.39
34 (-19)	SLE-D	SI	-0.62	0.12	-2.996e+04	-1.474e+04	-8.607e+04	-8.607e+04	0.07	0.44	0.32	1.35	6.464e+04	4.781e+04	0.51
35 (19)	SLE-D	SI	0.62	0.11	2.996e+04	1.474e+04	9.106e+04	9.106e+04	0.07	0.45	0.30	1.50	6.684e+04	4.445e+04	0.52
36 (-20)	SLE-D	SI	-0.48	0.09	-2.306e+04	-1.545e+04	-9.035e+04	-9.035e+04	0.07	0.44	0.31	1.44	6.759e+04	4.689e+04	0.51
37 (20)	SLE-D	SI	0.65	0.12	3.067e+04	1.545e+04	9.178e+04	9.178e+04	0.07	0.46	0.30	1.53	6.717e+04	4.377e+04	0.53
38 (-21)	SLE-D	SI	-0.57	0.11	-2.996e+04	-1.474e+04	-9.701e+04	-9.701e+04	0.07	0.42	0.30	1.42	7.319e+04	5.160e+04	0.49
39 (21)	SLE-D	SI	0.57	0.11	2.996e+04	1.474e+04	1.015e+05	1.015e+05	0.07	0.43	0.28	1.55	7.512e+04	4.862e+04	0.50
40 (-22)	SLE-D	SI	-0.60	0.12	-3.067e+04	-1.545e+04	-1.008e+05	-1.008e+05	0.07	0.43	0.28	1.50	7.572e+04	5.045e+04	0.49
41 (22)	SLE-D	SI	0.60	0.11	3.067e+04	1.545e+04	1.013e+05	1.013e+05	0.07	0.44	0.28	1.57	7.485e+04	4.782e+04	0.51

Cmb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb
	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN
10	0.0	0.0	-9.12e-03	-475.5	-0.01	-713.3	-0.02	-1188.8	-0.04	-2139.8	-0.05	-2377.6
	-0.05	-2853.1	-0.07	-3804.2	-0.11	-5706.3	-0.18	-9510.4	-0.33	-1.712e+04	-0.47	-2.473e+04
	-0.62	-3.234e+04	-0.63	-3.257e+04	-0.63	-3.281e+04	-0.64	-3.329e+04	-0.66	-3.424e+04	-0.70	-3.614e+04
	-0.78	-3.994e+04	-0.93	-4.755e+04	-1.09	-5.516e+04	-1.10	-5.540e+04	-1.10	-5.564e+04	-1.11	-5.611e+04
	-1.13	-5.706e+04	-1.17	-5.896e+04	-1.25	-6.277e+04	-1.43	-7.038e+04	-1.43	-7.062e+04	-1.44	-7.085e+04
	-1.45	-7.133e+04	-1.47	-7.228e+04	-1.52	-7.418e+04	-1.61	-7.799e+04	-1.62	-7.822e+04	-1.63	-7.846e+04
	-1.64	-7.894e+04	-1.67	-7.989e+04	-1.67	-8.013e+04	-1.68	-8.036e+04	-1.70	-8.084e+04	-1.70	-8.108e+04
	-1.71	-8.131e+04	-1.73	-8.179e+04	-1.76	-8.274e+04	-1.76	-8.298e+04	-1.77	-8.322e+04	-1.79	-8.369e+04
	-1.80	-8.393e+04	-1.81	-8.417e+04	-1.83	-8.464e+04	-1.87	-8.559e+04	-1.94	-8.750e+04	-2.11	-9.130e+04
	-2.12	-9.154e+04	-2.13	-9.178e+04	-2.15	-9.225e+04	-2.20	-9.320e+04	-2.30	-9.510e+04	-2.31	-9.534e+04
	-2.32	-9.558e+04	-2.35	-9.606e+04	-2.40	-9.701e+04	-2.52	-9.891e+04	-2.54	-9.915e+04	-2.55	-9.938e+04
	-2.58	-9.986e+04	-2.65	-1.008e+05	-2.78	-1.027e+05	-3.05	-1.065e+05	-3.07	-1.068e+05	-3.10	-1.072e+05
	-3.12	-1.075e+05	-3.15	-1.079e+05	-3.22	-1.089e+05	-3.36	-1.108e+05	-3.38	-1.110e+05	-3.42	-1.115e+05
	-3.49	-1.125e+05	-3.63	-1.144e+05	-3.65	-1.146e+05	-3.67	-1.148e+05	-3.71	-1.153e+05	-3.79	-1.163e+05
	-3.81	-1.165e+05	-3.85	-1.170e+05	-3.87	-1.172e+05	-3.91	-1.177e+05	-3.99	-1.186e+05	-4.01	-1.189e+05
	-4.05	-1.194e+05	-4.07	-1.196e+05	-4.10	-1.198e+05	-4.12	-1.201e+05	-4.17	-1.205e+05	-4.19	-1.208e+05
	-4.24	-1.213e+05	-4.33	-1.222e+05	-4.36	-1.224e+05	-4.40	-1.229e+05	-4.50	-1.239e+05	-4.70	-1.258e+05
	-4.72	-1.260e+05	-4.75	-1.263e+05	-4.80	-1.267e+05	-4.82	-1.270e+05	-4.87	-1.274e+05	-4.98	-1.284e+05
	-5.01	-1.286e+05										
Cmb	**Sp. Dc**	**Tag. Fb**										
	-5.01	-1.286e+05										
	0.0	0.0										

Cmb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb
	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN
11	0.0	0.0	9.12e-03	475.5	0.01	713.3	0.02	1188.8	0.04	2139.8	0.08	4041.9
	0.15	7846.1	0.30	1.545e+04	0.30	1.569e+04	0.31	1.593e+04	0.32	1.641e+04	0.34	1.736e+04
	0.38	1.926e+04	0.45	2.306e+04	0.61	3.067e+04	0.61	3.091e+04	0.62	3.138e+04	0.64	3.234e+04
	0.68	3.424e+04	0.76	3.804e+04	0.92	4.565e+04	1.08	5.326e+04	1.24	6.087e+04	1.24	6.110e+04
	1.25	6.134e+04	1.26	6.182e+04	1.28	6.277e+04	1.32	6.467e+04	1.41	6.848e+04	1.59	7.608e+04
	1.60	7.632e+04	1.60	7.656e+04	1.62	7.703e+04	1.64	7.799e+04	1.69	7.989e+04	1.79	8.369e+04
	1.79	8.393e+04	1.80	8.417e+04	1.81	8.464e+04	1.84	8.559e+04	1.90	8.750e+04	1.90	8.773e+04
	1.91	8.797e+04	1.93	8.845e+04	1.96	8.940e+04	2.03	9.130e+04	2.04	9.154e+04	2.04	9.178e+04
	2.06	9.225e+04	2.10	9.320e+04	2.18	9.510e+04	2.35	9.891e+04	2.37	9.915e+04	2.38	9.938e+04
	2.39	9.962e+04	2.42	1.001e+05	2.48	1.010e+05	2.60	1.030e+05	2.61	1.032e+05	2.63	1.034e+05
	2.66	1.039e+05	2.73	1.049e+05	2.86	1.068e+05	3.14	1.106e+05	3.16	1.108e+05	3.18	1.110e+05
	3.20	1.113e+05	3.24	1.117e+05	3.26	1.120e+05	3.28	1.122e+05	3.32	1.127e+05	3.40	1.136e+05
	3.42	1.139e+05	3.46	1.144e+05	3.48	1.146e+05	3.52	1.151e+05	3.54	1.153e+05	3.58	1.158e+05
	3.60	1.160e+05	3.64	1.165e+05	3.66	1.167e+05	3.70	1.172e+05	3.72	1.175e+05	3.76	1.179e+05
	3.78	1.182e+05	3.81	1.184e+05	3.85	1.189e+05	3.88	1.191e+05	3.93	1.196e+05	4.02	1.205e+05
	4.05	1.208e+05	4.07	1.210e+05	4.12	1.215e+05	4.14	1.217e+05	4.20	1.222e+05	4.22	1.224e+05
	4.27	1.229e+05	4.30	1.232e+05	4.35	1.236e+05	4.38	1.239e+05	4.41	1.241e+05	4.47	1.246e+05
	4.50	1.248e+05	4.55	1.253e+05	4.58	1.255e+05	4.64	1.260e+05	4.80	1.270e+05	4.83	1.272e+05
	4.88	1.277e+05	4.91	1.279e+05	4.94	1.282e+05	5.00	1.286e+05	5.03	1.289e+05		
Cmb	**Sp. Dc**	**Tag. Fb**										
	0.0	0.0										
	5.03	1.289e+05										

Cmb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb
	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN
12	0.0	0.0	-8.44e-03	-475.5	-0.01	-713.3	-0.02	-1188.8	-0.04	-2139.8	-0.04	-2377.6
	-0.05	-2853.1	-0.07	-3804.2	-0.10	-5706.3	-0.17	-9510.4	-0.30	-1.712e+04	-0.44	-2.473e+04
	-0.44	-2.496e+04	-0.45	-2.544e+04	-0.45	-2.568e+04	-0.46	-2.615e+04	-0.48	-2.710e+04	-0.52	-2.901e+04
	-0.52	-2.924e+04	-0.53	-2.972e+04	-0.55	-3.067e+04	-0.58	-3.257e+04	-0.65	-3.638e+04	-0.80	-4.399e+04
	-0.94	-5.159e+04	-1.08	-5.920e+04	-1.23	-6.681e+04	-1.23	-6.705e+04	-1.24	-6.729e+04	-1.24	-6.776e+04
	-1.26	-6.871e+04	-1.30	-7.062e+04	-1.38	-7.442e+04	-1.38	-7.466e+04	-1.39	-7.489e+04	-1.40	-7.537e+04
	-1.42	-7.632e+04	-1.45	-7.822e+04	-1.54	-8.203e+04	-1.54	-8.227e+04	-1.56	-8.274e+04	-1.58	-8.369e+04
	-1.58	-8.393e+04	-1.60	-8.441e+04	-1.62	-8.536e+04	-1.66	-8.726e+04	-1.76	-9.106e+04	-1.77	-9.130e+04
	-1.77	-9.154e+04	-1.79	-9.201e+04	-1.79	-9.225e+04	-1.80	-9.249e+04	-1.82	-9.296e+04	-1.84	-9.392e+04
	-1.90	-9.582e+04	-1.91	-9.606e+04	-1.92	-9.629e+04	-1.94	-9.677e+04	-1.95	-9.701e+04	-1.96	-9.724e+04
	-1.97	-9.748e+04	-1.99	-9.796e+04	-2.03	-9.891e+04	-2.11	-1.008e+05	-2.12	-1.010e+05	-2.13	-1.013e+05

Cmb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb
	-2.14	-1.015e+05	-2.15	-1.018e+05	-2.18	-1.022e+05	-2.23	-1.032e+05	-2.24	-1.034e+05	-2.26	-1.037e+05
	-2.28	-1.041e+05	-2.34	-1.051e+05	-2.35	-1.053e+05	-2.37	-1.056e+05	-2.38	-1.058e+05	-2.40	-1.060e+05
	-2.43	-1.065e+05	-2.45	-1.068e+05	-2.48	-1.072e+05	-2.54	-1.082e+05	-2.66	-1.101e+05	-2.94	-1.139e+05
	-2.95	-1.141e+05	-2.97	-1.144e+05	-2.99	-1.146e+05	-3.01	-1.148e+05	-3.05	-1.153e+05	-3.07	-1.156e+05
	-3.11	-1.160e+05	-3.13	-1.163e+05	-3.15	-1.165e+05	-3.18	-1.170e+05	-3.20	-1.172e+05	-3.24	-1.177e+05
	-3.32	-1.186e+05	-3.34	-1.189e+05	-3.38	-1.194e+05	-3.46	-1.203e+05	-3.61	-1.222e+05	-3.63	-1.224e+05
	-3.67	-1.229e+05	-3.69	-1.232e+05	-3.71	-1.234e+05	-3.75	-1.239e+05	-3.77	-1.241e+05	-3.79	-1.243e+05
	-3.83	-1.248e+05	-3.91	-1.258e+05	-3.94	-1.260e+05	-3.95	-1.263e+05	-3.99	-1.267e+05	-4.02	-1.270e+05
	-4.04	-1.272e+05	-4.08	-1.277e+05	-4.16	-1.286e+05	-4.18	-1.289e+05	-4.22	-1.293e+05	-4.24	-1.296e+05
	-4.26	-1.298e+05	-4.30	-1.303e+05	-4.39	-1.312e+05	-4.41	-1.315e+05	-4.44	-1.317e+05	-4.46	-1.320e+05
	-4.51	-1.324e+05	-4.60	-1.334e+05	-4.63	-1.336e+05	-4.68	-1.341e+05	-4.70	-1.343e+05	-4.75	-1.348e+05
	-4.85	-1.358e+05	-4.87	-1.360e+05	-4.91	-1.362e+05	-4.94	-1.365e+05	-4.97	-1.367e+05	-5.03	-1.372e+05
Cmb	**Sp. Dc**	**Tag. Fb**										
	-5.03	-1.372e+05										
	0.0	0.0										

Cmb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb
	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN
13	0.0	0.0	8.44e-03	475.5	0.01	713.3	0.02	1188.8	0.04	2139.8	0.07	4041.9
	0.14	7846.1	0.28	1.545e+04	0.28	1.569e+04	0.29	1.593e+04	0.30	1.641e+04	0.31	1.736e+04
	0.35	1.926e+04	0.42	2.306e+04	0.57	3.067e+04	0.57	3.091e+04	0.58	3.138e+04	0.60	3.234e+04
	0.64	3.424e+04	0.71	3.804e+04	0.86	4.565e+04	1.00	5.326e+04	1.15	6.087e+04	1.16	6.110e+04
	1.17	6.158e+04	1.19	6.253e+04	1.23	6.443e+04	1.30	6.824e+04	1.46	7.585e+04	1.46	7.608e+04
	1.47	7.656e+04	1.49	7.751e+04	1.53	7.941e+04	1.61	8.322e+04	1.78	9.082e+04	1.78	9.106e+04
	1.79	9.130e+04	1.80	9.178e+04	1.82	9.273e+04	1.87	9.463e+04	1.97	9.843e+04	1.97	9.867e+04
	1.98	9.891e+04	1.99	9.915e+04	1.99	9.938e+04	2.01	9.986e+04	2.04	1.008e+05	2.10	1.027e+05
	2.10	1.030e+05	2.11	1.032e+05	2.13	1.037e+05	2.16	1.046e+05	2.17	1.049e+05	2.18	1.051e+05
	2.20	1.056e+05	2.24	1.065e+05	2.25	1.068e+05	2.26	1.070e+05	2.28	1.075e+05	2.29	1.077e+05
	2.31	1.079e+05	2.33	1.084e+05	2.35	1.087e+05	2.36	1.089e+05	2.39	1.094e+05	2.45	1.103e+05
	2.47	1.106e+05	2.49	1.108e+05	2.52	1.113e+05	2.58	1.122e+05	2.72	1.141e+05	2.75	1.144e+05
	2.77	1.146e+05	2.79	1.148e+05	2.83	1.153e+05	2.92	1.163e+05	2.94	1.165e+05	2.98	1.170e+05
	3.01	1.172e+05	3.05	1.177e+05	3.14	1.186e+05	3.16	1.189e+05	3.21	1.194e+05	3.30	1.203e+05
	3.32	1.205e+05	3.36	1.210e+05	3.39	1.213e+05	3.43	1.217e+05	3.52	1.227e+05	3.55	1.229e+05
	3.57	1.232e+05	3.62	1.236e+05	3.63	1.239e+05	3.68	1.243e+05	3.70	1.246e+05	3.75	1.251e+05
	3.77	1.253e+05	3.82	1.258e+05	3.91	1.267e+05	3.94	1.270e+05	3.98	1.274e+05	4.01	1.277e+05
	4.05	1.282e+05	4.14	1.291e+05	4.44	1.310e+05	4.48	1.312e+05	4.52	1.315e+05	4.59	1.320e+05
	4.74	1.329e+05	5.04	1.348e+05								
Cmb	**Sp. Dc**	**Tag. Fb**										
	0.0	0.0										
	5.04	1.348e+05										

Cmb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb
	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN
14	0.0	0.0	-8.24e-03	-475.5	-0.01	-713.3	-0.02	-1188.8	-0.04	-2139.8	-0.04	-2377.6
	-0.05	-2853.1	-0.07	-3804.2	-0.10	-5706.3	-0.16	-9510.4	-0.30	-1.712e+04	-0.43	-2.473e+04
	-0.56	-3.234e+04	-0.57	-3.257e+04	-0.57	-3.281e+04	-0.58	-3.329e+04	-0.60	-3.424e+04	-0.63	-3.614e+04
	-0.70	-3.994e+04	-0.84	-4.755e+04	-0.98	-5.516e+04	-1.12	-6.277e+04	-1.13	-6.301e+04	-1.14	-6.348e+04
	-1.14	-6.372e+04	-1.15	-6.420e+04	-1.17	-6.515e+04	-1.21	-6.705e+04	-1.28	-7.085e+04	-1.44	-7.846e+04
	-1.44	-7.870e+04	-1.45	-7.894e+04	-1.46	-7.941e+04	-1.48	-8.036e+04	-1.52	-8.227e+04	-1.60	-8.607e+04
	-1.61	-8.631e+04	-1.61	-8.655e+04	-1.62	-8.702e+04	-1.63	-8.726e+04	-1.64	-8.773e+04	-1.67	-8.868e+04
	-1.72	-9.059e+04	-1.72	-9.082e+04	-1.73	-9.106e+04	-1.74	-9.154e+04	-1.77	-9.249e+04	-1.84	-9.439e+04
	-1.84	-9.463e+04	-1.85	-9.487e+04	-1.87	-9.534e+04	-1.90	-9.629e+04	-1.97	-9.820e+04	-2.12	-1.020e+05
	-2.14	-1.022e+05	-2.15	-1.025e+05	-2.17	-1.030e+05	-2.21	-1.039e+05	-2.22	-1.041e+05	-2.23	-1.044e+05
	-2.26	-1.049e+05	-2.30	-1.058e+05	-2.39	-1.077e+05	-2.61	-1.115e+05	-2.62	-1.117e+05	-2.64	-1.120e+05
	-2.67	-1.125e+05	-2.72	-1.134e+05	-2.84	-1.153e+05	-3.08	-1.191e+05	-3.09	-1.194e+05	-3.12	-1.198e+05
	-3.19	-1.208e+05	-3.21	-1.210e+05	-3.22	-1.213e+05	-3.26	-1.217e+05	-3.33	-1.227e+05	-3.35	-1.229e+05
	-3.38	-1.234e+05	-3.45	-1.243e+05	-3.59	-1.263e+05	-3.87	-1.301e+05	-3.89	-1.303e+05	-3.93	-1.308e+05
	-4.00	-1.317e+05	-4.02	-1.320e+05	-4.06	-1.324e+05	-4.08	-1.327e+05	-4.12	-1.331e+05	-4.13	-1.334e+05
	-4.17	-1.339e+05	-4.19	-1.341e+05	-4.22	-1.343e+05	-4.24	-1.346e+05	-4.28	-1.350e+05	-4.37	-1.360e+05
	-4.56	-1.379e+05	-4.58	-1.381e+05	-4.62	-1.386e+05	-4.71	-1.396e+05	-4.90	-1.415e+05	-4.92	-1.417e+05
	-4.97	-1.422e+05	-4.99	-1.424e+05	-5.04	-1.429e+05						

Cmb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb
Cmb	**Sp. Dc**	**Tag. Fb**										
	-5.04	-1.429e+05										
	0.0	0.0										

Cmb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb
	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN
15	0.0	0.0	8.24e-03	475.5	0.01	713.3	0.02	1188.8	0.04	2139.8	0.07	4041.9
	0.14	7846.1	0.27	1.545e+04	0.28	1.569e+04	0.28	1.593e+04	0.29	1.641e+04	0.31	1.736e+04
	0.34	1.926e+04	0.41	2.306e+04	0.55	3.067e+04	0.55	3.091e+04	0.56	3.138e+04	0.58	3.234e+04
	0.62	3.424e+04	0.69	3.804e+04	0.83	4.565e+04	0.97	5.326e+04	1.12	6.087e+04	1.26	6.848e+04
	1.27	6.871e+04	1.27	6.895e+04	1.28	6.943e+04	1.30	7.038e+04	1.34	7.228e+04	1.34	7.252e+04
	1.35	7.299e+04	1.37	7.394e+04	1.41	7.585e+04	1.49	7.965e+04	1.49	7.989e+04	1.50	8.013e+04
	1.51	8.060e+04	1.53	8.155e+04	1.57	8.345e+04	1.66	8.726e+04	1.84	9.487e+04	1.84	9.510e+04
	1.85	9.534e+04	1.86	9.582e+04	1.88	9.677e+04	1.94	9.867e+04	1.94	9.891e+04	1.95	9.915e+04
	1.96	9.962e+04	1.99	1.006e+05	2.05	1.025e+05	2.06	1.027e+05	2.07	1.030e+05	2.09	1.034e+05
	2.12	1.044e+05	2.19	1.063e+05	2.20	1.065e+05	2.22	1.070e+05	2.26	1.079e+05	2.27	1.082e+05
	2.28	1.084e+05	2.30	1.089e+05	2.35	1.098e+05	2.36	1.101e+05	2.37	1.103e+05	2.40	1.108e+05
	2.45	1.117e+05	2.46	1.120e+05	2.49	1.125e+05	2.51	1.127e+05	2.53	1.132e+05	2.59	1.141e+05
	2.71	1.160e+05	2.94	1.198e+05	3.50	1.274e+05	3.52	1.277e+05	3.54	1.279e+05	3.58	1.284e+05
	3.65	1.293e+05	3.81	1.312e+05	4.12	1.350e+05	4.87	1.427e+05	4.90	1.429e+05	4.93	1.431e+05
	4.98	1.436e+05	5.01	1.438e+05								
Cmb	**Sp. Dc**	**Tag. Fb**										
	0.0	0.0										
	5.01	1.438e+05										

Cmb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb
	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN
16	0.0	0.0	-7.62e-03	-475.5	-0.01	-713.3	-0.02	-1188.8	-0.03	-2139.8	-0.06	-4041.9
	-0.13	-7846.1	-0.25	-1.545e+04	-0.37	-2.306e+04	-0.49	-3.067e+04	-0.50	-3.091e+04	-0.50	-3.115e+04
	-0.51	-3.162e+04	-0.52	-3.257e+04	-0.56	-3.448e+04	-0.62	-3.828e+04	-0.75	-4.589e+04	-0.88	-5.350e+04
	-1.01	-6.110e+04	-1.13	-6.871e+04	-1.27	-7.632e+04	-1.27	-7.656e+04	-1.28	-7.680e+04	-1.29	-7.727e+04
	-1.30	-7.822e+04	-1.34	-8.013e+04	-1.41	-8.393e+04	-1.55	-9.154e+04	-1.56	-9.178e+04	-1.56	-9.201e+04
	-1.57	-9.249e+04	-1.59	-9.344e+04	-1.63	-9.534e+04	-1.64	-9.558e+04	-1.64	-9.582e+04	-1.65	-9.629e+04
	-1.67	-9.724e+04	-1.72	-9.915e+04	-1.81	-1.030e+05	-1.82	-1.032e+05	-1.82	-1.034e+05	-1.83	-1.039e+05
	-1.86	-1.049e+05	-1.92	-1.068e+05	-1.92	-1.070e+05	-1.93	-1.072e+05	-1.94	-1.077e+05	-1.97	-1.087e+05
	-2.04	-1.106e+05	-2.05	-1.108e+05	-2.06	-1.110e+05	-2.08	-1.115e+05	-2.12	-1.125e+05	-2.13	-1.127e+05
	-2.14	-1.129e+05	-2.16	-1.134e+05	-2.21	-1.144e+05	-2.30	-1.163e+05	-2.32	-1.165e+05	-2.33	-1.167e+05
	-2.34	-1.170e+05	-2.35	-1.172e+05	-2.38	-1.177e+05	-2.39	-1.179e+05	-2.42	-1.184e+05	-2.47	-1.194e+05
	-2.59	-1.213e+05	-2.60	-1.215e+05	-2.62	-1.217e+05	-2.65	-1.222e+05	-2.71	-1.232e+05	-2.83	-1.251e+05
	-2.85	-1.253e+05	-2.88	-1.258e+05	-2.90	-1.260e+05	-2.93	-1.265e+05	-3.00	-1.274e+05	-3.13	-1.293e+05
	-3.40	-1.331e+05	-3.41	-1.334e+05	-3.45	-1.339e+05	-3.52	-1.348e+05	-3.54	-1.350e+05	-3.58	-1.355e+05
	-3.59	-1.358e+05	-3.63	-1.362e+05	-3.65	-1.365e+05	-3.69	-1.370e+05	-3.71	-1.372e+05	-3.74	-1.377e+05
	-3.82	-1.386e+05	-3.98	-1.405e+05	-4.00	-1.408e+05	-4.02	-1.410e+05	-4.06	-1.415e+05	-4.08	-1.417e+05
	-4.10	-1.419e+05	-4.14	-1.424e+05	-4.22	-1.434e+05	-4.37	-1.453e+05	-4.69	-1.491e+05	-4.71	-1.493e+05
	-4.73	-1.496e+05	-4.75	-1.498e+05	-4.80	-1.503e+05	-4.89	-1.512e+05	-5.08	-1.531e+05		
Cmb	**Sp. Dc**	**Tag. Fb**										
	-5.08	-1.531e+05										
	0.0	0.0										

Cmb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb
	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN
17	0.0	0.0	7.62e-03	475.5	0.01	713.3	0.02	1188.8	0.03	2139.8	0.06	4041.9
	0.13	7846.1	0.25	1.545e+04	0.26	1.569e+04	0.26	1.593e+04	0.27	1.641e+04	0.28	1.736e+04
	0.32	1.926e+04	0.38	2.306e+04	0.51	3.067e+04	0.52	3.091e+04	0.52	3.115e+04	0.53	3.162e+04
	0.54	3.257e+04	0.58	3.448e+04	0.64	3.828e+04	0.78	4.589e+04	0.91	5.350e+04	1.05	6.110e+04
	1.18	6.871e+04	1.19	6.895e+04	1.19	6.943e+04	1.21	7.038e+04	1.25	7.228e+04	1.31	7.608e+04
	1.45	8.369e+04	1.46	8.393e+04	1.47	8.441e+04	1.48	8.536e+04	1.52	8.726e+04	1.59	9.106e+04

Cmb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb
	1.74	9.867e+04	1.74	9.891e+04	1.75	9.915e+04	1.76	9.962e+04	1.78	1.006e+05	1.82	1.025e+05
	1.83	1.027e+05	1.83	1.030e+05	1.84	1.034e+05	1.86	1.044e+05	1.91	1.063e+05	2.00	1.101e+05
	2.00	1.103e+05	2.01	1.106e+05	2.02	1.110e+05	2.05	1.120e+05	2.10	1.139e+05	2.11	1.141e+05
	2.12	1.144e+05	2.13	1.148e+05	2.16	1.158e+05	2.22	1.177e+05	2.39	1.215e+05	2.41	1.217e+05
	2.42	1.220e+05	2.45	1.224e+05	2.50	1.234e+05	2.62	1.253e+05	2.64	1.255e+05	2.65	1.258e+05
	2.67	1.260e+05	2.69	1.263e+05	2.72	1.267e+05	2.74	1.270e+05	2.77	1.274e+05	2.84	1.284e+05
	2.86	1.286e+05	2.88	1.289e+05	2.89	1.291e+05	2.93	1.296e+05	3.00	1.305e+05	3.02	1.308e+05
	3.06	1.312e+05	3.13	1.322e+05	3.15	1.324e+05	3.18	1.329e+05	3.26	1.339e+05	3.42	1.358e+05
	3.44	1.360e+05	3.46	1.362e+05	3.50	1.367e+05	3.52	1.370e+05	3.57	1.374e+05	3.65	1.384e+05
	3.67	1.386e+05	3.69	1.389e+05	3.74	1.393e+05	3.76	1.396e+05	3.80	1.400e+05	3.82	1.403e+05
	3.87	1.408e+05	3.89	1.410e+05	3.93	1.415e+05	3.95	1.417e+05	3.98	1.419e+05	4.02	1.424e+05
	4.04	1.427e+05	4.09	1.431e+05	4.18	1.441e+05	4.35	1.460e+05	4.73	1.498e+05	4.83	1.500e+05
Cmb	**Sp. Dc**	**Tag. Fb**										
	0.0	0.0										
	4.83	1.500e+05										

Cmb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb
	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN
18	0.0	0.0	-9.53e-03	-475.5	-0.03	-1426.6	-0.07	-3328.7	-0.14	-7132.8	-0.30	-1.474e+04
	-0.30	-1.498e+04	-0.31	-1.522e+04	-0.32	-1.569e+04	-0.34	-1.664e+04	-0.38	-1.855e+04	-0.46	-2.235e+04
	-0.62	-2.996e+04	-0.78	-3.757e+04	-0.94	-4.517e+04	-1.10	-5.278e+04	-1.27	-6.039e+04	-1.28	-6.063e+04
	-1.28	-6.087e+04	-1.29	-6.134e+04	-1.30	-6.158e+04	-1.30	-6.182e+04	-1.32	-6.229e+04	-1.34	-6.324e+04
	-1.35	-6.348e+04	-1.35	-6.372e+04	-1.37	-6.420e+04	-1.39	-6.515e+04	-1.44	-6.705e+04	-1.55	-7.085e+04
	-1.78	-7.846e+04	-1.79	-7.870e+04	-1.80	-7.894e+04	-1.82	-7.941e+04	-1.85	-8.036e+04	-1.87	-8.060e+04
	-1.88	-8.084e+04	-1.90	-8.108e+04	-1.91	-8.131e+04	-1.93	-8.155e+04	-1.95	-8.179e+04	-1.98	-8.227e+04
	-2.01	-8.250e+04	-2.03	-8.274e+04	-2.07	-8.322e+04	-2.16	-8.417e+04	-2.20	-8.441e+04	-2.25	-8.464e+04
	-2.32	-8.488e+04	-2.39	-8.512e+04	-2.46	-8.536e+04	-2.61	-8.583e+04	-2.71	-8.607e+04		
Cmb	**Sp. Dc**	**Tag. Fb**										
	-2.71	-8.607e+04										
	0.0	0.0										

Cmb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb
	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN
19	0.0	0.0	9.53e-03	475.5	0.03	1426.6	0.07	3328.7	0.14	7132.8	0.30	1.474e+04
	0.30	1.498e+04	0.31	1.522e+04	0.32	1.569e+04	0.34	1.664e+04	0.38	1.855e+04	0.46	2.235e+04
	0.62	2.996e+04	0.63	3.020e+04	0.63	3.043e+04	0.64	3.091e+04	0.67	3.186e+04	0.71	3.376e+04
	0.80	3.757e+04	0.98	4.517e+04	1.18	5.278e+04	1.18	5.302e+04	1.19	5.326e+04	1.20	5.373e+04
	1.23	5.469e+04	1.28	5.659e+04	1.39	6.039e+04	1.65	6.800e+04	1.66	6.824e+04	1.67	6.848e+04
	1.69	6.895e+04	1.73	6.990e+04	1.81	7.180e+04	1.96	7.561e+04	2.68	8.322e+04	2.74	8.345e+04
	2.80	8.369e+04	2.87	8.393e+04	2.94	8.417e+04	3.07	8.464e+04	3.34	8.559e+04	3.41	8.583e+04
	3.55	8.631e+04	3.86	8.726e+04	3.95	8.750e+04	4.04	8.773e+04	4.23	8.821e+04	4.61	8.916e+04
	5.37	9.106e+04										
Cmb	**Sp. Dc**	**Tag. Fb**										
	0.0	0.0										
	5.37	9.106e+04										

Cmb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb
	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN
20	0.0	0.0	-9.75e-03	-475.5	-0.01	-713.3	-0.02	-1188.8	-0.04	-2139.8	-0.08	-4041.9
	-0.16	-7846.1	-0.32	-1.545e+04	-0.33	-1.569e+04	-0.33	-1.593e+04	-0.34	-1.641e+04	-0.36	-1.736e+04
	-0.40	-1.926e+04	-0.48	-2.306e+04	-0.65	-3.067e+04	-0.81	-3.828e+04	-0.98	-4.589e+04	-1.14	-5.350e+04
	-1.31	-6.110e+04	-1.31	-6.134e+04	-1.32	-6.158e+04	-1.33	-6.206e+04	-1.35	-6.301e+04	-1.36	-6.324e+04
	-1.36	-6.348e+04	-1.37	-6.372e+04	-1.38	-6.396e+04	-1.39	-6.443e+04	-1.41	-6.538e+04	-1.42	-6.562e+04
	-1.43	-6.586e+04	-1.44	-6.634e+04	-1.46	-6.729e+04	-1.52	-6.919e+04	-1.62	-7.299e+04	-1.63	-7.323e+04
	-1.64	-7.347e+04	-1.65	-7.394e+04	-1.66	-7.418e+04	-1.67	-7.442e+04	-1.67	-7.466e+04	-1.68	-7.489e+04
	-1.70	-7.537e+04	-1.73	-7.632e+04	-1.80	-7.822e+04	-1.81	-7.846e+04	-1.82	-7.870e+04	-1.84	-7.894e+04

Cmb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb
	-1.85	-7.917e+04	-1.86	-7.941e+04	-1.89	-7.989e+04	-1.91	-8.013e+04	-1.92	-8.036e+04	-1.95	-8.084e+04
	-2.03	-8.179e+04	-2.05	-8.203e+04	-2.07	-8.227e+04	-2.09	-8.250e+04	-2.11	-8.274e+04	-2.15	-8.322e+04
	-2.25	-8.417e+04	-2.28	-8.441e+04	-2.33	-8.464e+04	-2.40	-8.488e+04	-2.47	-8.512e+04	-2.62	-8.559e+04
	-2.97	-8.655e+04	-3.07	-8.678e+04	-3.16	-8.702e+04	-3.36	-8.750e+04	-3.74	-8.845e+04	-4.55	-9.035e+04
Cmb	**Sp. Dc**	**Tag. Fb**										
	-4.55	-9.035e+04										
	0.0	0.0										

Cmb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb
	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN
21	0.0	0.0	9.75e-03	475.5	0.01	713.3	0.02	1188.8	0.04	2139.8	0.08	4041.9
	0.16	7846.1	0.32	1.545e+04	0.32	1.569e+04	0.33	1.593e+04	0.34	1.641e+04	0.36	1.736e+04
	0.40	1.926e+04	0.48	2.306e+04	0.65	3.067e+04	0.65	3.091e+04	0.66	3.115e+04	0.67	3.162e+04
	0.69	3.257e+04	0.74	3.448e+04	0.83	3.828e+04	1.01	4.589e+04	1.21	5.350e+04	1.22	5.373e+04
	1.23	5.397e+04	1.24	5.445e+04	1.27	5.540e+04	1.32	5.730e+04	1.43	6.110e+04	1.68	6.871e+04
	1.69	6.895e+04	1.70	6.919e+04	1.71	6.943e+04	1.73	6.990e+04	1.77	7.085e+04	1.84	7.275e+04
	1.99	7.656e+04	3.01	8.417e+04	3.08	8.441e+04	3.15	8.464e+04	3.28	8.512e+04	3.56	8.607e+04
	4.20	8.797e+04	4.29	8.821e+04	4.39	8.845e+04	4.57	8.892e+04	4.95	8.987e+04	5.71	9.178e+04
Cmb	**Sp. Dc**	**Tag. Fb**										
	0.0	0.0										
	5.71	9.178e+04										

Cmb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb
	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN
22	0.0	0.0	-8.77e-03	-475.5	-0.03	-1426.6	-0.06	-3328.7	-0.13	-7132.8	-0.28	-1.474e+04
	-0.28	-1.498e+04	-0.29	-1.522e+04	-0.29	-1.569e+04	-0.31	-1.664e+04	-0.35	-1.855e+04	-0.43	-2.235e+04
	-0.57	-2.996e+04	-0.72	-3.757e+04	-0.87	-4.517e+04	-1.02	-5.278e+04	-1.17	-6.039e+04	-1.32	-6.800e+04
	-1.33	-6.824e+04	-1.33	-6.848e+04	-1.34	-6.895e+04	-1.36	-6.990e+04	-1.40	-7.180e+04	-1.41	-7.204e+04
	-1.41	-7.228e+04	-1.42	-7.275e+04	-1.45	-7.371e+04	-1.45	-7.394e+04	-1.46	-7.418e+04	-1.47	-7.466e+04
	-1.49	-7.561e+04	-1.54	-7.751e+04	-1.63	-8.131e+04	-1.84	-8.892e+04	-1.85	-8.916e+04	-1.85	-8.940e+04
	-1.86	-8.964e+04	-1.88	-9.011e+04	-1.89	-9.035e+04	-1.90	-9.059e+04	-1.91	-9.082e+04	-1.92	-9.106e+04
	-1.94	-9.130e+04	-1.95	-9.154e+04	-1.98	-9.201e+04	-2.00	-9.225e+04	-2.01	-9.249e+04	-2.04	-9.296e+04
	-2.11	-9.392e+04	-2.36	-9.582e+04	-2.42	-9.606e+04	-2.49	-9.629e+04	-2.63	-9.677e+04	-2.72	-9.701e+04
Cmb	**Sp. Dc**	**Tag. Fb**										
	-2.72	-9.701e+04										
	0.0	0.0										

Cmb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb
	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN
23	0.0	0.0	8.77e-03	475.5	0.03	1426.6	0.06	3328.7	0.13	7132.8	0.27	1.474e+04
	0.28	1.498e+04	0.28	1.522e+04	0.29	1.569e+04	0.31	1.664e+04	0.35	1.855e+04	0.42	2.235e+04
	0.57	2.996e+04	0.73	3.757e+04	0.73	3.780e+04	0.74	3.804e+04	0.75	3.852e+04	0.77	3.947e+04
	0.81	4.137e+04	0.89	4.517e+04	1.05	5.278e+04	1.24	6.039e+04	1.25	6.063e+04	1.25	6.087e+04
	1.26	6.134e+04	1.29	6.229e+04	1.34	6.420e+04	1.44	6.800e+04	1.64	7.561e+04	1.65	7.585e+04
	1.66	7.608e+04	1.67	7.656e+04	1.70	7.751e+04	1.76	7.941e+04	1.77	7.965e+04	1.79	8.013e+04
	1.82	8.108e+04	1.88	8.298e+04	1.89	8.322e+04	1.90	8.345e+04	1.92	8.393e+04	1.95	8.488e+04
	2.02	8.678e+04	2.03	8.702e+04	2.04	8.726e+04	2.06	8.773e+04	2.10	8.868e+04	2.11	8.892e+04
	2.13	8.916e+04	2.14	8.940e+04	2.15	8.964e+04	2.18	9.011e+04	2.20	9.035e+04	2.22	9.059e+04
	2.25	9.082e+04	2.27	9.106e+04	2.28	9.130e+04	2.33	9.178e+04	2.36	9.201e+04	2.39	9.225e+04
	2.43	9.249e+04	2.48	9.273e+04	2.52	9.296e+04	2.58	9.320e+04	2.64	9.344e+04	2.70	9.368e+04
	2.76	9.392e+04	2.88	9.439e+04	3.13	9.534e+04	3.63	9.724e+04	4.89	1.010e+05	4.98	1.013e+05
	5.07	1.015e+05										
Cmb	**Sp. Dc**	**Tag. Fb**										
	0.0	0.0										
	5.07	1.015e+05										

Cmb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb
	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN
24	0.0	0.0	-9.02e-03	-475.5	-0.01	-713.3	-0.02	-1188.8	-0.04	-2139.8	-0.08	-4041.9
	-0.15	-7846.1	-0.30	-1.545e+04	-0.30	-1.569e+04	-0.31	-1.593e+04	-0.32	-1.641e+04	-0.33	-1.736e+04
	-0.37	-1.926e+04	-0.45	-2.306e+04	-0.60	-3.067e+04	-0.75	-3.828e+04	-0.91	-4.589e+04	-1.06	-5.350e+04
	-1.21	-6.110e+04	-1.36	-6.871e+04	-1.53	-7.632e+04	-1.54	-7.656e+04	-1.55	-7.680e+04	-1.56	-7.727e+04
	-1.58	-7.822e+04	-1.63	-8.013e+04	-1.74	-8.393e+04	-1.74	-8.417e+04	-1.75	-8.441e+04	-1.76	-8.488e+04
	-1.77	-8.512e+04	-1.78	-8.536e+04	-1.78	-8.559e+04	-1.79	-8.583e+04	-1.80	-8.607e+04	-1.81	-8.631e+04
	-1.82	-8.655e+04	-1.83	-8.678e+04	-1.85	-8.726e+04	-1.86	-8.750e+04	-1.87	-8.773e+04	-1.89	-8.821e+04
	-1.90	-8.845e+04	-1.91	-8.868e+04	-1.93	-8.916e+04	-1.98	-9.011e+04	-1.99	-9.035e+04	-2.02	-9.082e+04
	-2.03	-9.106e+04	-2.05	-9.130e+04	-2.08	-9.178e+04	-2.09	-9.201e+04	-2.11	-9.225e+04	-2.14	-9.273e+04
	-2.21	-9.368e+04	-2.23	-9.392e+04	-2.24	-9.415e+04	-2.28	-9.463e+04	-2.31	-9.487e+04	-2.34	-9.510e+04
	-2.41	-9.534e+04	-2.47	-9.558e+04	-2.60	-9.606e+04	-2.91	-9.701e+04	-3.00	-9.724e+04	-3.09	-9.748e+04
	-3.27	-9.796e+04	-3.62	-9.891e+04	-4.34	-1.008e+05						
Cmb	**Sp. Dc**	**Tag. Fb**										
	-4.34	-1.008e+05										
	0.0	0.0										

Cmb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb
	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN
25	0.0	0.0	9.02e-03	475.5	0.01	713.3	0.02	1188.8	0.04	2139.8	0.08	4041.9
	0.15	7846.1	0.30	1.545e+04	0.30	1.569e+04	0.30	1.593e+04	0.31	1.641e+04	0.33	1.736e+04
	0.37	1.926e+04	0.45	2.306e+04	0.60	3.067e+04	0.76	3.828e+04	0.76	3.852e+04	0.77	3.876e+04
	0.78	3.923e+04	0.80	4.018e+04	0.84	4.208e+04	0.92	4.589e+04	1.09	5.350e+04	1.28	6.110e+04
	1.29	6.134e+04	1.29	6.158e+04	1.30	6.206e+04	1.33	6.301e+04	1.38	6.491e+04	1.48	6.871e+04
	1.68	7.632e+04	1.69	7.656e+04	1.70	7.680e+04	1.71	7.727e+04	1.74	7.822e+04	1.80	8.013e+04
	1.81	8.036e+04	1.82	8.060e+04	1.83	8.108e+04	1.86	8.203e+04	1.92	8.393e+04	2.07	8.773e+04
	2.09	8.797e+04	2.10	8.821e+04	2.11	8.845e+04	2.13	8.868e+04	2.15	8.892e+04	2.18	8.940e+04
	2.26	9.035e+04	2.28	9.059e+04	2.31	9.082e+04	2.34	9.106e+04	2.38	9.130e+04	2.42	9.154e+04
	2.45	9.178e+04	2.54	9.225e+04	2.59	9.249e+04	2.65	9.273e+04	2.71	9.296e+04	2.78	9.320e+04
	2.90	9.368e+04	3.15	9.463e+04	3.62	9.653e+04	4.82	1.003e+05	4.91	1.006e+05	4.99	1.008e+05
	5.17	1.013e+05										
Cmb	**Sp. Dc**	**Tag. Fb**										
	0.0	0.0										
	5.17	1.013e+05										

Cmb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb
	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN
26	0.0	0.0	-9.12e-03	-475.5	-0.01	-713.3	-0.02	-1188.8	-0.04	-2139.8	-0.05	-2377.6
	-0.05	-2853.1	-0.07	-3804.2	-0.11	-5706.3	-0.18	-9510.4	-0.33	-1.712e+04	-0.47	-2.473e+04
	-0.62	-3.234e+04	-0.63	-3.257e+04	-0.63	-3.281e+04	-0.64	-3.329e+04	-0.66	-3.424e+04	-0.70	-3.614e+04
	-0.78	-3.994e+04	-0.93	-4.755e+04	-1.09	-5.516e+04	-1.10	-5.540e+04	-1.10	-5.564e+04	-1.11	-5.611e+04
	-1.13	-5.706e+04	-1.17	-5.896e+04	-1.25	-6.277e+04	-1.43	-7.038e+04	-1.43	-7.062e+04	-1.44	-7.085e+04
	-1.45	-7.133e+04	-1.47	-7.228e+04	-1.52	-7.418e+04	-1.61	-7.799e+04	-1.62	-7.822e+04	-1.63	-7.846e+04
	-1.64	-7.894e+04	-1.67	-7.989e+04	-1.67	-8.013e+04	-1.68	-8.036e+04	-1.70	-8.084e+04	-1.70	-8.108e+04
	-1.71	-8.131e+04	-1.73	-8.179e+04	-1.76	-8.274e+04	-1.76	-8.298e+04	-1.77	-8.322e+04	-1.79	-8.369e+04
	-1.80	-8.393e+04	-1.81	-8.417e+04	-1.83	-8.464e+04	-1.87	-8.559e+04	-1.94	-8.750e+04	-2.11	-9.130e+04
	-2.12	-9.154e+04	-2.13	-9.178e+04	-2.15	-9.225e+04	-2.20	-9.320e+04	-2.30	-9.510e+04	-2.31	-9.534e+04
	-2.32	-9.558e+04	-2.35	-9.606e+04	-2.40	-9.701e+04	-2.52	-9.891e+04	-2.54	-9.915e+04	-2.55	-9.938e+04
	-2.58	-9.986e+04	-2.65	-1.008e+05	-2.78	-1.027e+05	-3.05	-1.065e+05	-3.07	-1.068e+05	-3.10	-1.072e+05
	-3.12	-1.075e+05	-3.15	-1.079e+05	-3.22	-1.089e+05	-3.36	-1.108e+05	-3.38	-1.110e+05	-3.42	-1.115e+05
	-3.49	-1.125e+05	-3.63	-1.144e+05	-3.65	-1.146e+05	-3.67	-1.148e+05	-3.71	-1.153e+05	-3.79	-1.163e+05
	-3.81	-1.165e+05	-3.85	-1.170e+05	-3.87	-1.172e+05	-3.91	-1.177e+05	-3.99	-1.186e+05	-4.01	-1.189e+05
	-4.05	-1.194e+05	-4.07	-1.196e+05	-4.10	-1.198e+05	-4.12	-1.201e+05	-4.17	-1.205e+05	-4.19	-1.208e+05
	-4.24	-1.213e+05	-4.33	-1.222e+05	-4.36	-1.224e+05	-4.40	-1.229e+05	-4.50	-1.239e+05	-4.70	-1.258e+05
	-4.72	-1.260e+05	-4.75	-1.263e+05	-4.80	-1.267e+05	-4.82	-1.270e+05	-4.87	-1.274e+05	-4.98	-1.284e+05
	-5.01	-1.286e+05										

Cmb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb
Cmb	**Sp. Dc**	**Tag. Fb**										
	-5.01	-1.286e+05										
	0.0	0.0										

Cmb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb
	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN
27	0.0	0.0	9.12e-03	475.5	0.01	713.3	0.02	1188.8	0.04	2139.8	0.08	4041.9
	0.15	7846.1	0.30	1.545e+04	0.30	1.569e+04	0.31	1.593e+04	0.32	1.641e+04	0.34	1.736e+04
	0.38	1.926e+04	0.45	2.306e+04	0.61	3.067e+04	0.61	3.091e+04	0.62	3.138e+04	0.64	3.234e+04
	0.68	3.424e+04	0.76	3.804e+04	0.92	4.565e+04	1.08	5.326e+04	1.24	6.087e+04	1.24	6.110e+04
	1.25	6.134e+04	1.26	6.182e+04	1.28	6.277e+04	1.32	6.467e+04	1.41	6.848e+04	1.59	7.608e+04
	1.60	7.632e+04	1.60	7.656e+04	1.62	7.703e+04	1.64	7.799e+04	1.69	7.989e+04	1.79	8.369e+04
	1.79	8.393e+04	1.80	8.417e+04	1.81	8.464e+04	1.84	8.559e+04	1.90	8.750e+04	1.90	8.773e+04
	1.91	8.797e+04	1.93	8.845e+04	1.96	8.940e+04	2.03	9.130e+04	2.04	9.154e+04	2.04	9.178e+04
	2.06	9.225e+04	2.10	9.320e+04	2.18	9.510e+04	2.35	9.891e+04	2.37	9.915e+04	2.38	9.938e+04
	2.39	9.962e+04	2.42	1.001e+05	2.48	1.010e+05	2.60	1.030e+05	2.61	1.032e+05	2.63	1.034e+05
	2.66	1.039e+05	2.73	1.049e+05	2.86	1.068e+05	3.14	1.106e+05	3.16	1.108e+05	3.18	1.110e+05
	3.20	1.113e+05	3.24	1.117e+05	3.26	1.120e+05	3.28	1.122e+05	3.32	1.127e+05	3.40	1.136e+05
	3.42	1.139e+05	3.46	1.144e+05	3.48	1.146e+05	3.52	1.151e+05	3.54	1.153e+05	3.58	1.158e+05
	3.60	1.160e+05	3.64	1.165e+05	3.66	1.167e+05	3.70	1.172e+05	3.72	1.175e+05	3.76	1.179e+05
	3.78	1.182e+05	3.81	1.184e+05	3.85	1.189e+05	3.88	1.191e+05	3.93	1.196e+05	4.02	1.205e+05
	4.05	1.208e+05	4.07	1.210e+05	4.12	1.215e+05	4.14	1.217e+05	4.20	1.222e+05	4.22	1.224e+05
	4.27	1.229e+05	4.30	1.232e+05	4.35	1.236e+05	4.38	1.239e+05	4.41	1.241e+05	4.47	1.246e+05
	4.50	1.248e+05	4.55	1.253e+05	4.58	1.255e+05	4.64	1.260e+05	4.80	1.270e+05	4.83	1.272e+05
	4.88	1.277e+05	4.91	1.279e+05	4.94	1.282e+05	5.00	1.286e+05	5.03	1.289e+05		
Cmb	**Sp. Dc**	**Tag. Fb**										
	0.0	0.0										
	5.03	1.289e+05										

Cmb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb
	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN
28	0.0	0.0	-8.44e-03	-475.5	-0.01	-713.3	-0.02	-1188.8	-0.04	-2139.8	-0.04	-2377.6
	-0.05	-2853.1	-0.07	-3804.2	-0.10	-5706.3	-0.17	-9510.4	-0.30	-1.712e+04	-0.44	-2.473e+04
	-0.44	-2.496e+04	-0.45	-2.544e+04	-0.45	-2.568e+04	-0.46	-2.615e+04	-0.48	-2.710e+04	-0.52	-2.901e+04
	-0.52	-2.924e+04	-0.53	-2.972e+04	-0.55	-3.067e+04	-0.58	-3.257e+04	-0.65	-3.638e+04	-0.80	-4.399e+04
	-0.94	-5.159e+04	-1.08	-5.920e+04	-1.23	-6.681e+04	-1.23	-6.705e+04	-1.24	-6.729e+04	-1.24	-6.776e+04
	-1.26	-6.871e+04	-1.30	-7.062e+04	-1.38	-7.442e+04	-1.38	-7.466e+04	-1.39	-7.489e+04	-1.40	-7.537e+04
	-1.42	-7.632e+04	-1.45	-7.822e+04	-1.54	-8.203e+04	-1.54	-8.227e+04	-1.56	-8.274e+04	-1.58	-8.369e+04
	-1.58	-8.393e+04	-1.60	-8.441e+04	-1.62	-8.536e+04	-1.66	-8.726e+04	-1.76	-9.106e+04	-1.77	-9.130e+04
	-1.77	-9.154e+04	-1.79	-9.201e+04	-1.79	-9.225e+04	-1.80	-9.249e+04	-1.82	-9.296e+04	-1.84	-9.392e+04
	-1.90	-9.582e+04	-1.91	-9.606e+04	-1.92	-9.629e+04	-1.94	-9.677e+04	-1.95	-9.701e+04	-1.96	-9.724e+04
	-1.97	-9.748e+04	-1.99	-9.796e+04	-2.03	-9.891e+04	-2.11	-1.008e+05	-2.12	-1.010e+05	-2.13	-1.013e+05
	-2.14	-1.015e+05	-2.15	-1.018e+05	-2.18	-1.022e+05	-2.23	-1.032e+05	-2.24	-1.034e+05	-2.26	-1.037e+05
	-2.28	-1.041e+05	-2.34	-1.051e+05	-2.35	-1.053e+05	-2.37	-1.056e+05	-2.38	-1.058e+05	-2.40	-1.060e+05
	-2.43	-1.065e+05	-2.45	-1.068e+05	-2.48	-1.072e+05	-2.54	-1.082e+05	-2.66	-1.101e+05	-2.94	-1.139e+05
	-2.95	-1.141e+05	-2.97	-1.144e+05	-2.99	-1.146e+05	-3.01	-1.148e+05	-3.05	-1.153e+05	-3.07	-1.156e+05
	-3.11	-1.160e+05	-3.13	-1.163e+05	-3.15	-1.165e+05	-3.18	-1.170e+05	-3.20	-1.172e+05	-3.24	-1.177e+05
	-3.32	-1.186e+05	-3.34	-1.189e+05	-3.38	-1.194e+05	-3.46	-1.203e+05	-3.61	-1.222e+05	-3.63	-1.224e+05
	-3.67	-1.229e+05	-3.69	-1.232e+05	-3.71	-1.234e+05	-3.75	-1.239e+05	-3.77	-1.241e+05	-3.79	-1.243e+05
	-3.83	-1.248e+05	-3.91	-1.258e+05	-3.94	-1.260e+05	-3.95	-1.263e+05	-3.99	-1.267e+05	-4.02	-1.270e+05
	-4.04	-1.272e+05	-4.08	-1.277e+05	-4.16	-1.286e+05	-4.18	-1.289e+05	-4.22	-1.293e+05	-4.24	-1.296e+05
	-4.26	-1.298e+05	-4.30	-1.303e+05	-4.39	-1.312e+05	-4.41	-1.315e+05	-4.44	-1.317e+05	-4.46	-1.320e+05
	-4.51	-1.324e+05	-4.60	-1.334e+05	-4.63	-1.336e+05	-4.68	-1.341e+05	-4.70	-1.343e+05	-4.75	-1.348e+05
	-4.85	-1.358e+05	-4.87	-1.360e+05	-4.91	-1.362e+05	-4.94	-1.365e+05	-4.97	-1.367e+05	-5.03	-1.372e+05
Cmb	**Sp. Dc**	**Tag. Fb**										
	-5.03	-1.372e+05										
	0.0	0.0										

Cmb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb
	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN
29	0.0	0.0	8.44e-03	475.5	0.01	713.3	0.02	1188.8	0.04	2139.8	0.07	4041.9
	0.14	7846.1	0.28	1.545e+04	0.28	1.569e+04	0.29	1.593e+04	0.30	1.641e+04	0.31	1.736e+04
	0.35	1.926e+04	0.42	2.306e+04	0.57	3.067e+04	0.57	3.091e+04	0.58	3.138e+04	0.60	3.234e+04
	0.64	3.424e+04	0.71	3.804e+04	0.86	4.565e+04	1.00	5.326e+04	1.15	6.087e+04	1.16	6.110e+04
	1.17	6.158e+04	1.19	6.253e+04	1.23	6.443e+04	1.30	6.824e+04	1.46	7.585e+04	1.46	7.608e+04
	1.47	7.656e+04	1.49	7.751e+04	1.53	7.941e+04	1.61	8.322e+04	1.78	9.082e+04	1.78	9.106e+04
	1.79	9.130e+04	1.80	9.178e+04	1.82	9.273e+04	1.87	9.463e+04	1.97	9.843e+04	1.97	9.867e+04
	1.98	9.891e+04	1.99	9.915e+04	1.99	9.938e+04	2.01	9.986e+04	2.04	1.008e+05	2.10	1.027e+05
	2.10	1.030e+05	2.11	1.032e+05	2.13	1.037e+05	2.16	1.046e+05	2.17	1.049e+05	2.18	1.051e+05
	2.20	1.056e+05	2.24	1.065e+05	2.25	1.068e+05	2.26	1.070e+05	2.28	1.075e+05	2.29	1.077e+05
	2.31	1.079e+05	2.33	1.084e+05	2.35	1.087e+05	2.36	1.089e+05	2.39	1.094e+05	2.45	1.103e+05
	2.47	1.106e+05	2.49	1.108e+05	2.52	1.113e+05	2.58	1.122e+05	2.72	1.141e+05	2.75	1.144e+05
	2.77	1.146e+05	2.79	1.148e+05	2.83	1.153e+05	2.92	1.163e+05	2.94	1.165e+05	2.98	1.170e+05
	3.01	1.172e+05	3.05	1.177e+05	3.14	1.186e+05	3.16	1.189e+05	3.21	1.194e+05	3.30	1.203e+05
	3.32	1.205e+05	3.36	1.210e+05	3.39	1.213e+05	3.43	1.217e+05	3.52	1.227e+05	3.55	1.229e+05
	3.57	1.232e+05	3.62	1.236e+05	3.63	1.239e+05	3.68	1.243e+05	3.70	1.246e+05	3.75	1.251e+05
	3.77	1.253e+05	3.82	1.258e+05	3.91	1.267e+05	3.94	1.270e+05	3.98	1.274e+05	4.01	1.277e+05
	4.05	1.282e+05	4.14	1.291e+05	4.44	1.310e+05	4.48	1.312e+05	4.52	1.315e+05	4.59	1.320e+05
	4.74	1.329e+05	5.04	1.348e+05								
Cmb	**Sp. Dc**	**Tag. Fb**										
	0.0	0.0										
	5.04	1.348e+05										

Cmb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb
	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN
30	0.0	0.0	-8.24e-03	-475.5	-0.01	-713.3	-0.02	-1188.8	-0.04	-2139.8	-0.04	-2377.6
	-0.05	-2853.1	-0.07	-3804.2	-0.10	-5706.3	-0.16	-9510.4	-0.30	-1.712e+04	-0.43	-2.473e+04
	-0.56	-3.234e+04	-0.57	-3.257e+04	-0.57	-3.281e+04	-0.58	-3.329e+04	-0.60	-3.424e+04	-0.63	-3.614e+04
	-0.70	-3.994e+04	-0.84	-4.755e+04	-0.98	-5.516e+04	-1.12	-6.277e+04	-1.13	-6.301e+04	-1.14	-6.348e+04
	-1.14	-6.372e+04	-1.15	-6.420e+04	-1.17	-6.515e+04	-1.21	-6.705e+04	-1.28	-7.085e+04	-1.44	-7.846e+04
	-1.44	-7.870e+04	-1.45	-7.894e+04	-1.46	-7.941e+04	-1.48	-8.036e+04	-1.52	-8.227e+04	-1.60	-8.607e+04
	-1.61	-8.631e+04	-1.61	-8.655e+04	-1.62	-8.702e+04	-1.63	-8.726e+04	-1.64	-8.773e+04	-1.67	-8.868e+04
	-1.72	-9.059e+04	-1.72	-9.082e+04	-1.73	-9.106e+04	-1.74	-9.154e+04	-1.77	-9.249e+04	-1.84	-9.439e+04
	-1.84	-9.463e+04	-1.85	-9.487e+04	-1.87	-9.534e+04	-1.90	-9.629e+04	-1.97	-9.820e+04	-2.12	-1.020e+05
	-2.14	-1.022e+05	-2.15	-1.025e+05	-2.17	-1.030e+05	-2.21	-1.039e+05	-2.22	-1.041e+05	-2.23	-1.044e+05
	-2.26	-1.049e+05	-2.30	-1.058e+05	-2.39	-1.077e+05	-2.61	-1.115e+05	-2.62	-1.117e+05	-2.64	-1.120e+05
	-2.67	-1.125e+05	-2.72	-1.134e+05	-2.84	-1.153e+05	-3.08	-1.191e+05	-3.09	-1.194e+05	-3.12	-1.198e+05
	-3.19	-1.208e+05	-3.21	-1.210e+05	-3.22	-1.213e+05	-3.26	-1.217e+05	-3.33	-1.227e+05	-3.35	-1.229e+05
	-3.38	-1.234e+05	-3.45	-1.243e+05	-3.59	-1.263e+05	-3.87	-1.301e+05	-3.89	-1.303e+05	-3.93	-1.308e+05
	-4.00	-1.317e+05	-4.02	-1.320e+05	-4.06	-1.324e+05	-4.08	-1.327e+05	-4.12	-1.331e+05	-4.13	-1.334e+05
	-4.17	-1.339e+05	-4.19	-1.341e+05	-4.22	-1.343e+05	-4.24	-1.346e+05	-4.28	-1.350e+05	-4.37	-1.360e+05
	-4.56	-1.379e+05	-4.58	-1.381e+05	-4.62	-1.386e+05	-4.71	-1.396e+05	-4.90	-1.415e+05	-4.92	-1.417e+05
	-4.97	-1.422e+05	-4.99	-1.424e+05	-5.04	-1.429e+05						
Cmb	**Sp. Dc**	**Tag. Fb**										
	-5.04	-1.429e+05										
	0.0	0.0										

Cmb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb
	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN
31	0.0	0.0	8.24e-03	475.5	0.01	713.3	0.02	1188.8	0.04	2139.8	0.07	4041.9
	0.14	7846.1	0.27	1.545e+04	0.28	1.569e+04	0.28	1.593e+04	0.29	1.641e+04	0.31	1.736e+04
	0.34	1.926e+04	0.41	2.306e+04	0.55	3.067e+04	0.55	3.091e+04	0.56	3.138e+04	0.58	3.234e+04
	0.62	3.424e+04	0.69	3.804e+04	0.83	4.565e+04	0.97	5.326e+04	1.12	6.087e+04	1.26	6.848e+04
	1.27	6.871e+04	1.27	6.895e+04	1.28	6.943e+04	1.30	7.038e+04	1.34	7.228e+04	1.34	7.252e+04
	1.35	7.299e+04	1.37	7.394e+04	1.41	7.585e+04	1.49	7.965e+04	1.49	7.989e+04	1.50	8.013e+04
	1.51	8.060e+04	1.53	8.155e+04	1.57	8.345e+04	1.66	8.726e+04	1.84	9.487e+04	1.84	9.510e+04
	1.85	9.534e+04	1.86	9.582e+04	1.88	9.677e+04	1.94	9.867e+04	1.94	9.891e+04	1.95	9.915e+04
	1.96	9.962e+04	1.99	1.006e+05	2.05	1.025e+05	2.06	1.027e+05	2.07	1.030e+05	2.09	1.034e+05
	2.12	1.044e+05	2.19	1.063e+05	2.20	1.065e+05	2.22	1.070e+05	2.26	1.079e+05	2.27	1.082e+05
	2.28	1.084e+05	2.30	1.089e+05	2.35	1.098e+05	2.36	1.101e+05	2.37	1.103e+05	2.40	1.108e+05
	2.45	1.117e+05	2.46	1.120e+05	2.49	1.125e+05	2.51	1.127e+05	2.53	1.132e+05	2.59	1.141e+05

Cmb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb
	2.71	1.160e+05	2.94	1.198e+05	3.50	1.274e+05	3.52	1.277e+05	3.54	1.279e+05	3.58	1.284e+05
	3.65	1.293e+05	3.81	1.312e+05	4.12	1.350e+05	4.87	1.427e+05	4.90	1.429e+05	4.93	1.431e+05
	4.98	1.436e+05	5.01	1.438e+05								
Cmb	**Sp. Dc**	**Tag. Fb**										
	0.0	0.0										
	5.01	1.438e+05										

Cmb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb
	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN
32	0.0	0.0	-7.62e-03	-475.5	-0.01	-713.3	-0.02	-1188.8	-0.03	-2139.8	-0.06	-4041.9
	-0.13	-7846.1	-0.25	-1.545e+04	-0.37	-2.306e+04	-0.49	-3.067e+04	-0.50	-3.091e+04	-0.50	-3.115e+04
	-0.51	-3.162e+04	-0.52	-3.257e+04	-0.56	-3.448e+04	-0.62	-3.828e+04	-0.75	-4.589e+04	-0.88	-5.350e+04
	-1.01	-6.110e+04	-1.13	-6.871e+04	-1.27	-7.632e+04	-1.27	-7.656e+04	-1.28	-7.680e+04	-1.29	-7.727e+04
	-1.30	-7.822e+04	-1.34	-8.013e+04	-1.41	-8.393e+04	-1.55	-9.154e+04	-1.56	-9.178e+04	-1.56	-9.201e+04
	-1.57	-9.249e+04	-1.59	-9.344e+04	-1.63	-9.534e+04	-1.64	-9.558e+04	-1.64	-9.582e+04	-1.65	-9.629e+04
	-1.67	-9.724e+04	-1.72	-9.915e+04	-1.81	-1.030e+05	-1.82	-1.032e+05	-1.82	-1.034e+05	-1.83	-1.039e+05
	-1.86	-1.049e+05	-1.92	-1.068e+05	-1.92	-1.070e+05	-1.93	-1.072e+05	-1.94	-1.077e+05	-1.97	-1.087e+05
	-2.04	-1.106e+05	-2.05	-1.108e+05	-2.06	-1.110e+05	-2.08	-1.115e+05	-2.12	-1.125e+05	-2.13	-1.127e+05
	-2.14	-1.129e+05	-2.16	-1.134e+05	-2.21	-1.144e+05	-2.30	-1.163e+05	-2.32	-1.165e+05	-2.33	-1.167e+05
	-2.34	-1.170e+05	-2.35	-1.172e+05	-2.38	-1.177e+05	-2.39	-1.179e+05	-2.42	-1.184e+05	-2.47	-1.194e+05
	-2.59	-1.213e+05	-2.60	-1.215e+05	-2.62	-1.217e+05	-2.65	-1.222e+05	-2.71	-1.232e+05	-2.83	-1.251e+05
	-2.85	-1.253e+05	-2.88	-1.258e+05	-2.90	-1.260e+05	-2.93	-1.265e+05	-3.00	-1.274e+05	-3.13	-1.293e+05
	-3.40	-1.331e+05	-3.41	-1.334e+05	-3.45	-1.339e+05	-3.52	-1.348e+05	-3.54	-1.350e+05	-3.58	-1.355e+05
	-3.59	-1.358e+05	-3.63	-1.362e+05	-3.65	-1.365e+05	-3.69	-1.370e+05	-3.71	-1.372e+05	-3.74	-1.377e+05
	-3.82	-1.386e+05	-3.98	-1.405e+05	-4.00	-1.408e+05	-4.02	-1.410e+05	-4.06	-1.415e+05	-4.08	-1.417e+05
	-4.10	-1.419e+05	-4.14	-1.424e+05	-4.22	-1.434e+05	-4.37	-1.453e+05	-4.69	-1.491e+05	-4.71	-1.493e+05
	-4.73	-1.496e+05	-4.75	-1.498e+05	-4.80	-1.503e+05	-4.89	-1.512e+05	-5.08	-1.531e+05		
Cmb	**Sp. Dc**	**Tag. Fb**										
	-5.08	-1.531e+05										
	0.0	0.0										

Cmb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb
	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN
33	0.0	0.0	7.62e-03	475.5	0.01	713.3	0.02	1188.8	0.03	2139.8	0.06	4041.9
	0.13	7846.1	0.25	1.545e+04	0.26	1.569e+04	0.26	1.593e+04	0.27	1.641e+04	0.28	1.736e+04
	0.32	1.926e+04	0.38	2.306e+04	0.51	3.067e+04	0.52	3.091e+04	0.52	3.115e+04	0.53	3.162e+04
	0.54	3.257e+04	0.58	3.448e+04	0.64	3.828e+04	0.78	4.589e+04	0.91	5.350e+04	1.05	6.110e+04
	1.18	6.871e+04	1.19	6.895e+04	1.19	6.943e+04	1.21	7.038e+04	1.25	7.228e+04	1.31	7.608e+04
	1.45	8.369e+04	1.46	8.393e+04	1.47	8.441e+04	1.48	8.536e+04	1.52	8.726e+04	1.59	9.106e+04
	1.74	9.867e+04	1.74	9.891e+04	1.75	9.915e+04	1.76	9.962e+04	1.78	1.006e+05	1.82	1.025e+05
	1.83	1.027e+05	1.83	1.030e+05	1.84	1.034e+05	1.86	1.044e+05	1.91	1.063e+05	2.00	1.101e+05
	2.00	1.103e+05	2.01	1.106e+05	2.02	1.110e+05	2.05	1.120e+05	2.10	1.139e+05	2.11	1.141e+05
	2.12	1.144e+05	2.13	1.148e+05	2.16	1.158e+05	2.22	1.177e+05	2.39	1.215e+05	2.41	1.217e+05
	2.42	1.220e+05	2.45	1.224e+05	2.50	1.234e+05	2.62	1.253e+05	2.64	1.255e+05	2.65	1.258e+05
	2.67	1.260e+05	2.69	1.263e+05	2.72	1.267e+05	2.74	1.270e+05	2.77	1.274e+05	2.84	1.284e+05
	2.86	1.286e+05	2.88	1.289e+05	2.89	1.291e+05	2.93	1.296e+05	3.00	1.305e+05	3.02	1.308e+05
	3.06	1.312e+05	3.13	1.322e+05	3.15	1.324e+05	3.18	1.329e+05	3.26	1.339e+05	3.42	1.358e+05
	3.44	1.360e+05	3.46	1.362e+05	3.50	1.367e+05	3.52	1.370e+05	3.57	1.374e+05	3.65	1.384e+05
	3.67	1.386e+05	3.69	1.389e+05	3.74	1.393e+05	3.76	1.396e+05	3.80	1.400e+05	3.82	1.403e+05
	3.87	1.408e+05	3.89	1.410e+05	3.93	1.415e+05	3.95	1.417e+05	3.98	1.419e+05	4.02	1.424e+05
	4.04	1.427e+05	4.09	1.431e+05	4.18	1.441e+05	4.35	1.460e+05	4.73	1.498e+05	4.83	1.500e+05
Cmb	**Sp. Dc**	**Tag. Fb**										
	0.0	0.0										
	4.83	1.500e+05										

Cmb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb
	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN
34	0.0	0.0	-9.53e-03	-475.5	-0.03	-1426.6	-0.07	-3328.7	-0.14	-7132.8	-0.30	-1.474e+04
	-0.30	-1.498e+04	-0.31	-1.522e+04	-0.32	-1.569e+04	-0.34	-1.664e+04	-0.38	-1.855e+04	-0.46	-2.235e+04
	-0.62	-2.996e+04	-0.78	-3.757e+04	-0.94	-4.517e+04	-1.10	-5.278e+04	-1.27	-6.039e+04	-1.28	-6.063e+04
	-1.28	-6.087e+04	-1.29	-6.134e+04	-1.30	-6.158e+04	-1.30	-6.182e+04	-1.32	-6.229e+04	-1.34	-6.324e+04
	-1.35	-6.348e+04	-1.35	-6.372e+04	-1.37	-6.420e+04	-1.39	-6.515e+04	-1.44	-6.705e+04	-1.55	-7.085e+04
	-1.78	-7.846e+04	-1.79	-7.870e+04	-1.80	-7.894e+04	-1.82	-7.941e+04	-1.85	-8.036e+04	-1.87	-8.060e+04
	-1.88	-8.084e+04	-1.90	-8.108e+04	-1.91	-8.131e+04	-1.93	-8.155e+04	-1.95	-8.179e+04	-1.98	-8.227e+04
	-2.01	-8.250e+04	-2.03	-8.274e+04	-2.07	-8.322e+04	-2.16	-8.417e+04	-2.20	-8.441e+04	-2.25	-8.464e+04
	-2.32	-8.488e+04	-2.39	-8.512e+04	-2.46	-8.536e+04	-2.61	-8.583e+04	-2.71	-8.607e+04		
Cmb	**Sp. Dc**	**Tag. Fb**										
	-2.71	-8.607e+04										
	0.0	0.0										

Cmb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb
	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN
35	0.0	0.0	9.53e-03	475.5	0.03	1426.6	0.07	3328.7	0.14	7132.8	0.30	1.474e+04
	0.30	1.498e+04	0.31	1.522e+04	0.32	1.569e+04	0.34	1.664e+04	0.38	1.855e+04	0.46	2.235e+04
	0.62	2.996e+04	0.63	3.020e+04	0.63	3.043e+04	0.64	3.091e+04	0.67	3.186e+04	0.71	3.376e+04
	0.80	3.757e+04	0.98	4.517e+04	1.18	5.278e+04	1.18	5.302e+04	1.19	5.326e+04	1.20	5.373e+04
	1.23	5.469e+04	1.28	5.659e+04	1.39	6.039e+04	1.65	6.800e+04	1.66	6.824e+04	1.67	6.848e+04
	1.69	6.895e+04	1.73	6.990e+04	1.81	7.180e+04	1.96	7.561e+04	2.68	8.322e+04	2.74	8.345e+04
	2.80	8.369e+04	2.87	8.393e+04	2.94	8.417e+04	3.07	8.464e+04	3.34	8.559e+04	3.41	8.583e+04
	3.55	8.631e+04	3.86	8.726e+04	3.95	8.750e+04	4.04	8.773e+04	4.23	8.821e+04	4.61	8.916e+04
	5.37	9.106e+04										
Cmb	**Sp. Dc**	**Tag. Fb**										
	0.0	0.0										
	5.37	9.106e+04										

Cmb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb
	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN
36	0.0	0.0	-9.75e-03	-475.5	-0.01	-713.3	-0.02	-1188.8	-0.04	-2139.8	-0.08	-4041.9
	-0.16	-7846.1	-0.32	-1.545e+04	-0.33	-1.569e+04	-0.33	-1.593e+04	-0.34	-1.641e+04	-0.36	-1.736e+04
	-0.40	-1.926e+04	-0.48	-2.306e+04	-0.65	-3.067e+04	-0.81	-3.828e+04	-0.98	-4.589e+04	-1.14	-5.350e+04
	-1.31	-6.110e+04	-1.31	-6.134e+04	-1.32	-6.158e+04	-1.33	-6.206e+04	-1.35	-6.301e+04	-1.36	-6.324e+04
	-1.36	-6.348e+04	-1.37	-6.372e+04	-1.38	-6.396e+04	-1.39	-6.443e+04	-1.41	-6.538e+04	-1.42	-6.562e+04
	-1.43	-6.586e+04	-1.44	-6.634e+04	-1.46	-6.729e+04	-1.52	-6.919e+04	-1.62	-7.299e+04	-1.63	-7.323e+04
	-1.64	-7.347e+04	-1.65	-7.394e+04	-1.66	-7.418e+04	-1.67	-7.442e+04	-1.67	-7.466e+04	-1.68	-7.489e+04
	-1.70	-7.537e+04	-1.73	-7.632e+04	-1.80	-7.822e+04	-1.81	-7.846e+04	-1.82	-7.870e+04	-1.84	-7.894e+04
	-1.85	-7.917e+04	-1.86	-7.941e+04	-1.89	-7.989e+04	-1.91	-8.013e+04	-1.92	-8.036e+04	-1.95	-8.084e+04
	-2.03	-8.179e+04	-2.05	-8.203e+04	-2.07	-8.227e+04	-2.09	-8.250e+04	-2.11	-8.274e+04	-2.15	-8.322e+04
	-2.25	-8.417e+04	-2.28	-8.441e+04	-2.33	-8.464e+04	-2.40	-8.488e+04	-2.47	-8.512e+04	-2.62	-8.559e+04
	-2.97	-8.655e+04	-3.07	-8.678e+04	-3.16	-8.702e+04	-3.36	-8.750e+04	-3.74	-8.845e+04	-4.55	-9.035e+04
Cmb	**Sp. Dc**	**Tag. Fb**										
	-4.55	-9.035e+04										
	0.0	0.0										

Cmb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb
	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN
37	0.0	0.0	9.75e-03	475.5	0.01	713.3	0.02	1188.8	0.04	2139.8	0.08	4041.9
	0.16	7846.1	0.32	1.545e+04	0.32	1.569e+04	0.33	1.593e+04	0.34	1.641e+04	0.36	1.736e+04
	0.40	1.926e+04	0.48	2.306e+04	0.65	3.067e+04	0.65	3.091e+04	0.66	3.115e+04	0.67	3.162e+04
	0.69	3.257e+04	0.74	3.448e+04	0.83	3.828e+04	1.01	4.589e+04	1.21	5.350e+04	1.22	5.373e+04
	1.23	5.397e+04	1.24	5.445e+04	1.27	5.540e+04	1.32	5.730e+04	1.43	6.110e+04	1.68	6.871e+04
	1.69	6.895e+04	1.70	6.919e+04	1.71	6.943e+04	1.73	6.990e+04	1.77	7.085e+04	1.84	7.275e+04
	1.99	7.656e+04	3.01	8.417e+04	3.08	8.441e+04	3.15	8.464e+04	3.28	8.512e+04	3.56	8.607e+04

Cmb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb
	4.20	8.797e+04	4.29	8.821e+04	4.39	8.845e+04	4.57	8.892e+04	4.95	8.987e+04	5.71	9.178e+04
Cmb	**Sp. Dc**	**Tag. Fb**										
	0.0	0.0										
	5.71	9.178e+04										

Cmb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb
	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN
38	0.0	0.0	-8.77e-03	-475.5	-0.03	-1426.6	-0.06	-3328.7	-0.13	-7132.8	-0.28	-1.474e+04
	-0.28	-1.498e+04	-0.29	-1.522e+04	-0.29	-1.569e+04	-0.31	-1.664e+04	-0.35	-1.855e+04	-0.43	-2.235e+04
	-0.57	-2.996e+04	-0.72	-3.757e+04	-0.87	-4.517e+04	-1.02	-5.278e+04	-1.17	-6.039e+04	-1.32	-6.800e+04
	-1.33	-6.824e+04	-1.33	-6.848e+04	-1.34	-6.895e+04	-1.36	-6.990e+04	-1.40	-7.180e+04	-1.41	-7.204e+04
	-1.41	-7.228e+04	-1.42	-7.275e+04	-1.45	-7.371e+04	-1.45	-7.394e+04	-1.46	-7.418e+04	-1.47	-7.466e+04
	-1.49	-7.561e+04	-1.54	-7.751e+04	-1.63	-8.131e+04	-1.84	-8.892e+04	-1.85	-8.916e+04	-1.85	-8.940e+04
	-1.86	-8.964e+04	-1.88	-9.011e+04	-1.89	-9.035e+04	-1.90	-9.059e+04	-1.91	-9.082e+04	-1.92	-9.106e+04
	-1.94	-9.130e+04	-1.95	-9.154e+04	-1.98	-9.201e+04	-2.00	-9.225e+04	-2.01	-9.249e+04	-2.04	-9.296e+04
	-2.11	-9.392e+04	-2.36	-9.582e+04	-2.42	-9.606e+04	-2.49	-9.629e+04	-2.63	-9.677e+04	-2.72	-9.701e+04
Cmb	**Sp. Dc**	**Tag. Fb**										
	-2.72	-9.701e+04										
	0.0	0.0										

Cmb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb
	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN
39	0.0	0.0	8.77e-03	475.5	0.03	1426.6	0.06	3328.7	0.13	7132.8	0.27	1.474e+04
	0.28	1.498e+04	0.28	1.522e+04	0.29	1.569e+04	0.31	1.664e+04	0.35	1.855e+04	0.42	2.235e+04
	0.57	2.996e+04	0.73	3.757e+04	0.73	3.780e+04	0.74	3.804e+04	0.75	3.852e+04	0.77	3.947e+04
	0.81	4.137e+04	0.89	4.517e+04	1.05	5.278e+04	1.24	6.039e+04	1.25	6.063e+04	1.25	6.087e+04
	1.26	6.134e+04	1.29	6.229e+04	1.34	6.420e+04	1.44	6.800e+04	1.64	7.561e+04	1.65	7.585e+04
	1.66	7.608e+04	1.67	7.656e+04	1.70	7.751e+04	1.76	7.941e+04	1.77	7.965e+04	1.79	8.013e+04
	1.82	8.108e+04	1.88	8.298e+04	1.89	8.322e+04	1.90	8.345e+04	1.92	8.393e+04	1.95	8.488e+04
	2.02	8.678e+04	2.03	8.702e+04	2.04	8.726e+04	2.06	8.773e+04	2.10	8.868e+04	2.11	8.892e+04
	2.13	8.916e+04	2.14	8.940e+04	2.15	8.964e+04	2.18	9.011e+04	2.20	9.035e+04	2.22	9.059e+04
	2.25	9.082e+04	2.27	9.106e+04	2.28	9.130e+04	2.33	9.178e+04	2.36	9.201e+04	2.39	9.225e+04
	2.43	9.249e+04	2.48	9.273e+04	2.52	9.296e+04	2.58	9.320e+04	2.64	9.344e+04	2.70	9.368e+04
	2.76	9.392e+04	2.88	9.439e+04	3.13	9.534e+04	3.63	9.724e+04	4.89	1.010e+05	4.98	1.013e+05
	5.07	1.015e+05										
Cmb	**Sp. Dc**	**Tag. Fb**										
	0.0	0.0										
	5.07	1.015e+05										

Cmb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb
	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN
40	0.0	0.0	-9.02e-03	-475.5	-0.01	-713.3	-0.02	-1188.8	-0.04	-2139.8	-0.08	-4041.9
	-0.15	-7846.1	-0.30	-1.545e+04	-0.30	-1.569e+04	-0.31	-1.593e+04	-0.32	-1.641e+04	-0.33	-1.736e+04
	-0.37	-1.926e+04	-0.45	-2.306e+04	-0.60	-3.067e+04	-0.75	-3.828e+04	-0.91	-4.589e+04	-1.06	-5.350e+04
	-1.21	-6.110e+04	-1.36	-6.871e+04	-1.53	-7.632e+04	-1.54	-7.656e+04	-1.55	-7.680e+04	-1.56	-7.727e+04
	-1.58	-7.822e+04	-1.63	-8.013e+04	-1.74	-8.393e+04	-1.74	-8.417e+04	-1.75	-8.441e+04	-1.76	-8.488e+04
	-1.77	-8.512e+04	-1.78	-8.536e+04	-1.78	-8.559e+04	-1.79	-8.583e+04	-1.80	-8.607e+04	-1.81	-8.631e+04
	-1.82	-8.655e+04	-1.83	-8.678e+04	-1.85	-8.726e+04	-1.86	-8.750e+04	-1.87	-8.773e+04	-1.89	-8.821e+04
	-1.90	-8.845e+04	-1.91	-8.868e+04	-1.93	-8.916e+04	-1.98	-9.011e+04	-1.99	-9.035e+04	-2.02	-9.082e+04
	-2.03	-9.106e+04	-2.05	-9.130e+04	-2.08	-9.178e+04	-2.09	-9.201e+04	-2.11	-9.225e+04	-2.14	-9.273e+04
	-2.21	-9.368e+04	-2.23	-9.392e+04	-2.24	-9.415e+04	-2.28	-9.463e+04	-2.31	-9.487e+04	-2.34	-9.510e+04
	-2.41	-9.534e+04	-2.47	-9.558e+04	-2.60	-9.606e+04	-2.91	-9.701e+04	-3.00	-9.724e+04	-3.09	-9.748e+04
	-3.27	-9.796e+04	-3.62	-9.891e+04	-4.34	-1.008e+05						
Cmb	**Sp. Dc**	**Tag. Fb**										
	-4.34	-1.008e+05										

Cmb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb
	0.0	0.0										

Cmb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb	Sp. Dc	Tag. Fb
	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN	cm	daN
41	0.0	0.0	9.02e-03	475.5	0.01	713.3	0.02	1188.8	0.04	2139.8	0.08	4041.9
	0.15	7846.1	0.30	1.545e+04	0.30	1.569e+04	0.30	1.593e+04	0.31	1.641e+04	0.33	1.736e+04
	0.37	1.926e+04	0.45	2.306e+04	0.60	3.067e+04	0.76	3.828e+04	0.76	3.852e+04	0.77	3.876e+04
	0.78	3.923e+04	0.80	4.018e+04	0.84	4.208e+04	0.92	4.589e+04	1.09	5.350e+04	1.28	6.110e+04
	1.29	6.134e+04	1.29	6.158e+04	1.30	6.206e+04	1.33	6.301e+04	1.38	6.491e+04	1.48	6.871e+04
	1.68	7.632e+04	1.69	7.656e+04	1.70	7.680e+04	1.71	7.727e+04	1.74	7.822e+04	1.80	8.013e+04
	1.81	8.036e+04	1.82	8.060e+04	1.83	8.108e+04	1.86	8.203e+04	1.92	8.393e+04	2.07	8.773e+04
	2.09	8.797e+04	2.10	8.821e+04	2.11	8.845e+04	2.13	8.868e+04	2.15	8.892e+04	2.18	8.940e+04
	2.26	9.035e+04	2.28	9.059e+04	2.31	9.082e+04	2.34	9.106e+04	2.38	9.130e+04	2.42	9.154e+04
	2.45	9.178e+04	2.54	9.225e+04	2.59	9.249e+04	2.65	9.273e+04	2.71	9.296e+04	2.78	9.320e+04
	2.90	9.368e+04	3.15	9.463e+04	3.62	9.653e+04	4.82	1.003e+05	4.91	1.006e+05	4.99	1.008e+05
	5.17	1.013e+05										
Cmb	**Sp. Dc**	**Tag. Fb**										
	0.0	0.0										
	5.17	1.013e+05										

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	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
		cm	cm	cm			
1	1	-7.08e-03	-4.43e-03	-1.23	7.77e-05	-1.16e-03	-5.37e-06
1	3	-7.29e-03	-4.10e-03	-1.17	1.11e-04	-1.27e-03	-4.72e-06
1	7	-5.48e-03	-3.56e-03	-0.93	6.33e-05	-9.02e-04	-2.78e-06
1	8	-5.56e-03	-3.38e-03	-0.89	8.14e-05	-9.82e-04	-2.07e-06
1	10	-0.04	4.64e-03	-0.92	1.05e-04	-1.18e-03	-2.45e-05
1	24	2.44e-03	-0.02	-0.88	1.76e-04	-9.15e-04	2.64e-06
1	42	-5.26e-03	-3.20e-03	-0.85	7.73e-05	-9.18e-04	-2.06e-06
1	43	-5.26e-03	-3.20e-03	-0.85	7.73e-05	-9.18e-04	-2.06e-06
1	44	-5.26e-03	-3.20e-03	-0.85	7.73e-05	-9.18e-04	-2.06e-06
2	1	-0.17	-0.12	-1.26	-1.02e-04	1.33e-03	4.27e-05
2	3	-0.19	-0.12	-1.20	-6.97e-05	1.42e-03	5.83e-05
2	7	-0.13	-0.10	-0.95	-7.27e-05	1.15e-03	3.71e-05
2	8	-0.13	-0.10	-0.91	-5.51e-05	1.23e-03	4.47e-05
2	10	-0.98	0.16	-0.94	-7.06e-05	-3.91e-04	-1.83e-04
2	18	0.02	-0.75	-0.91	1.38e-04	1.42e-03	1.26e-04
2	42	-0.12	-0.09	-0.88	-5.44e-05	1.16e-03	4.16e-05
2	43	-0.12	-0.09	-0.88	-5.44e-05	1.16e-03	4.16e-05
2	44	-0.12	-0.09	-0.88	-5.44e-05	1.16e-03	4.16e-05
3	1	6.17e-03	-8.78e-03	-0.60	1.02e-04	-5.19e-04	-1.31e-05
3	3	6.98e-03	-7.01e-03	-0.56	8.79e-05	-5.07e-04	-2.08e-05
3	7	5.22e-03	-5.11e-03	-0.46	7.24e-05	-3.85e-04	-1.41e-05
3	8	5.60e-03	-3.97e-03	-0.43	6.70e-05	-3.74e-04	-1.90e-05
3	17	0.03	6.46e-05	-0.48	1.20e-04	-2.45e-04	-1.67e-05
3	22	6.61e-03	-0.03	-0.46	1.17e-04	-3.09e-04	-1.62e-05
3	42	5.20e-03	-3.74e-03	-0.42	6.10e-05	-3.50e-04	-1.75e-05
3	43	5.20e-03	-3.74e-03	-0.42	6.10e-05	-3.50e-04	-1.75e-05
3	44	5.20e-03	-3.74e-03	-0.42	6.10e-05	-3.50e-04	-1.75e-05
4	1	-0.05	-0.02	-0.61	-7.34e-05	-1.36e-03	-3.44e-05
4	7	-0.03	-0.01	-0.47	-4.30e-05	-1.01e-03	8.08e-06
4	12	-0.23	-0.04	-0.37	5.71e-06	-7.53e-04	-1.04e-05
4	13	0.20	0.04	-0.49	-1.48e-04	-9.27e-04	2.86e-05
4	22	7.40e-03	-0.26	-0.47	6.32e-04	-7.85e-04	1.60e-04
4	42	-0.02	-2.89e-03	-0.43	-6.43e-05	-8.31e-04	2.70e-05
4	43	-0.02	-2.89e-03	-0.43	-6.43e-05	-8.31e-04	2.70e-05
4	44	-0.02	-2.89e-03	-0.43	-6.43e-05	-8.31e-04	2.70e-05
5	1	3.97e-03	-4.40e-03	-1.27	3.26e-06	-7.52e-04	-3.06e-05
5	3	4.90e-03	-4.13e-03	-1.21	-3.22e-05	-9.38e-04	-3.40e-05
5	7	3.24e-03	-3.55e-03	-0.96	-1.46e-06	-6.02e-04	-2.61e-05
5	8	3.59e-03	-3.39e-03	-0.92	-2.22e-05	-7.33e-04	-2.88e-05
5	10	-0.02	4.52e-03	-0.93	-8.76e-05	-8.33e-04	-1.80e-05
5	17	0.03	-6.47e-03	-0.84	2.72e-05	-5.14e-04	-3.75e-05
5	24	4.53e-03	-0.03	-0.87	3.57e-05	-6.48e-04	-1.65e-05
5	42	3.35e-03	-3.23e-03	-0.88	-2.67e-05	-6.72e-04	-2.68e-05
5	43	3.35e-03	-3.23e-03	-0.88	-2.67e-05	-6.72e-04	-2.68e-05
5	44	3.35e-03	-3.23e-03	-0.88	-2.67e-05	-6.72e-04	-2.68e-05
6	1	-0.07	-0.02	-0.57	4.45e-04	-1.09e-03	5.91e-04
6	7	-0.05	-0.01	-0.44	1.46e-04	-6.85e-04	3.02e-04

6	16	-0.22	-0.03	-0.37	1.33e-04	-6.50e-04	-5.43e-05
6	22	-0.05	-0.26	-0.45	7.36e-04	-3.46e-04	-1.05e-04
6	42	-0.04	-4.39e-03	-0.41	9.22e-05	-4.58e-04	1.91e-04
6	43	-0.04	-4.39e-03	-0.41	9.22e-05	-4.58e-04	1.91e-04
6	44	-0.04	-4.39e-03	-0.41	9.22e-05	-4.58e-04	1.91e-04
7	1	-0.12	-0.09	-1.27	-2.83e-05	-1.97e-03	1.93e-05
7	3	-0.13	-0.08	-1.20	-4.20e-06	-2.08e-03	1.53e-05
7	7	-0.09	-0.07	-0.95	-1.45e-05	-1.51e-03	1.82e-05
7	8	-0.09	-0.07	-0.91	0.0	-1.68e-03	1.64e-05
7	10	-0.85	-0.10	-0.81	-5.81e-05	-2.88e-03	-2.18e-04
7	11	0.64	-0.02	-0.92	5.27e-05	-1.36e-04	2.30e-04
7	18	0.03	-0.63	-0.89	7.87e-05	-1.34e-03	8.69e-05
7	42	-0.09	-0.06	-0.87	0.0	-1.53e-03	1.67e-05
7	43	-0.09	-0.06	-0.87	0.0	-1.53e-03	1.67e-05
7	44	-0.09	-0.06	-0.87	0.0	-1.53e-03	1.67e-05
8	1	-5.60e-03	-4.42e-03	-1.24	-7.62e-05	-8.38e-04	-3.99e-06
8	3	-5.78e-03	-4.11e-03	-1.17	-4.83e-05	-1.06e-03	-3.72e-06
8	7	-5.04e-03	-3.56e-03	-0.93	-5.43e-05	-6.78e-04	-1.42e-06
8	8	-5.23e-03	-3.38e-03	-0.89	-3.85e-05	-8.37e-04	-1.03e-06
8	10	-0.03	4.61e-03	-0.90	-7.98e-06	-9.87e-04	-2.07e-05
8	24	3.44e-04	-0.02	-0.85	5.07e-06	-7.47e-04	3.65e-06
8	42	-4.94e-03	-3.20e-03	-0.85	-3.59e-05	-7.69e-04	-1.02e-06
8	43	-4.94e-03	-3.20e-03	-0.85	-3.59e-05	-7.69e-04	-1.02e-06
8	44	-4.94e-03	-3.20e-03	-0.85	-3.59e-05	-7.69e-04	-1.02e-06
9	1	-0.18	-0.11	-1.32	-1.53e-05	1.15e-03	-5.41e-05
9	3	-0.20	-0.10	-1.26	-4.97e-05	1.15e-03	-6.50e-05
9	7	-0.14	-0.09	-1.00	-1.57e-05	9.20e-04	-3.89e-05
9	8	-0.15	-0.09	-0.96	-3.52e-05	1.04e-03	-4.49e-05
9	10	-0.60	0.17	-0.96	-1.08e-04	1.19e-05	-3.10e-04
9	18	-0.12	-0.74	-0.91	3.95e-05	9.63e-04	5.03e-05
9	42	-0.14	-0.08	-0.92	-4.01e-05	9.36e-04	-4.08e-05
9	43	-0.14	-0.08	-0.92	-4.01e-05	9.36e-04	-4.08e-05
9	44	-0.14	-0.08	-0.92	-4.01e-05	9.36e-04	-4.08e-05
10	1	5.39e-03	-0.02	-0.98	3.44e-04	-3.34e-04	-1.42e-05
10	3	6.18e-03	-0.02	-0.90	3.36e-04	-2.06e-04	-1.50e-05
10	7	4.54e-03	-0.01	-0.73	2.59e-04	-2.33e-04	-1.17e-05
10	8	4.91e-03	-0.01	-0.68	2.56e-04	-1.43e-04	-1.26e-05
10	17	0.03	-0.01	-0.66	2.49e-04	-6.21e-05	-1.92e-05
10	18	6.39e-03	-0.04	-0.68	2.67e-04	-1.10e-04	-9.54e-06
10	24	6.10e-03	-0.04	-0.68	2.63e-04	-1.11e-04	-9.19e-06
10	42	4.55e-03	-0.01	-0.66	2.32e-04	-1.45e-04	-1.18e-05
10	43	4.55e-03	-0.01	-0.66	2.32e-04	-1.45e-04	-1.18e-05
10	44	4.55e-03	-0.01	-0.66	2.32e-04	-1.45e-04	-1.18e-05
11	1	-0.19	-0.12	-1.29	-4.27e-05	1.39e-03	3.24e-05
11	3	-0.21	-0.12	-1.22	-1.83e-05	1.42e-03	4.37e-05
11	7	-0.14	-0.10	-0.97	-2.87e-05	1.09e-03	2.89e-05
11	8	-0.15	-0.10	-0.93	-1.54e-05	1.23e-03	3.41e-05
11	10	-0.90	0.16	-0.94	6.27e-06	-3.92e-04	-1.98e-04
11	18	-0.03	-0.75	-0.89	6.01e-05	1.33e-03	1.07e-04
11	42	-0.14	-0.09	-0.89	-1.32e-05	1.12e-03	3.25e-05
11	43	-0.14	-0.09	-0.89	-1.32e-05	1.12e-03	3.25e-05
11	44	-0.14	-0.09	-0.89	-1.32e-05	1.12e-03	3.25e-05
12	1	-0.12	-0.09	-1.24	-1.24e-04	-1.87e-03	1.78e-05
12	3	-0.13	-0.08	-1.18	-9.45e-05	-2.02e-03	1.01e-05
12	7	-0.08	-0.07	-0.93	-8.58e-05	-1.54e-03	1.60e-05
12	8	-0.09	-0.07	-0.89	-6.87e-05	-1.65e-03	1.23e-05
12	10	-0.94	-0.10	-0.77	-1.24e-04	-2.92e-03	-2.13e-04
12	11	0.73	-0.02	-0.94	-1.72e-05	-8.38e-05	2.19e-04
12	18	0.06	-0.63	-0.91	1.17e-04	-1.33e-03	7.30e-05
12	42	-0.08	-0.06	-0.86	-6.74e-05	-1.55e-03	1.33e-05
12	43	-0.08	-0.06	-0.86	-6.74e-05	-1.55e-03	1.33e-05
12	44	-0.08	-0.06	-0.86	-6.74e-05	-1.55e-03	1.33e-05
13	1	-0.11	-0.08	-1.03	3.38e-04	-1.35e-03	-1.53e-05
13	3	-0.12	-0.07	-0.95	3.36e-04	-1.42e-03	-1.12e-05
13	7	-0.09	-0.06	-0.78	2.55e-04	-1.01e-03	-6.50e-06
13	9	-0.09	-0.05	-0.70	2.31e-04	-1.03e-03	-2.22e-06
13	10	-0.54	-0.09	-0.70	2.19e-04	-2.08e-03	-2.70e-04
13	18	-0.08	-0.62	-0.72	3.04e-04	-1.09e-03	7.09e-05
13	42	-0.09	-0.05	-0.70	2.30e-04	-1.03e-03	-3.66e-06
13	43	-0.09	-0.05	-0.70	2.30e-04	-1.03e-03	-3.66e-06
13	44	-0.09	-0.05	-0.70	2.30e-04	-1.03e-03	-3.66e-06
14	1	-0.15	-0.10	-1.39	-1.88e-04	9.30e-05	2.90e-05
14	3	-0.16	-0.10	-1.34	-1.88e-04	1.03e-04	3.26e-05
14	7	-0.11	-0.09	-1.05	-1.39e-04	7.31e-05	2.66e-05
14	8	-0.11	-0.08	-1.02	-1.34e-04	7.66e-05	2.86e-05
14	10	-0.99	0.03	-0.96	-1.57e-04	5.84e-04	-2.28e-04
14	18	0.04	-0.70	-1.02	-6.56e-05	-1.38e-05	1.05e-04

14	42	-0.11	-0.07	-0.97	-1.29e-04	7.23e-05	2.76e-05
14	43	-0.11	-0.07	-0.97	-1.29e-04	7.23e-05	2.76e-05
14	44	-0.11	-0.07	-0.97	-1.29e-04	7.23e-05	2.76e-05
15	1	-4.19e-03	-0.02	-1.22	-5.87e-05	7.44e-04	-4.47e-06
15	3	-4.52e-03	-0.01	-1.15	-3.10e-05	9.63e-04	-4.05e-06
15	7	-3.73e-03	-0.01	-0.92	-3.77e-05	5.99e-04	-1.96e-06
15	8	-3.89e-03	-0.01	-0.87	-2.09e-05	7.55e-04	-1.60e-06
15	10	-0.03	-0.01	-0.77	-7.73e-05	4.44e-04	-2.11e-05
15	11	0.02	-9.86e-03	-0.89	3.13e-05	9.16e-04	1.51e-05
15	24	1.54e-03	-0.03	-0.86	3.36e-05	7.60e-04	3.19e-06
15	42	-3.73e-03	-0.01	-0.83	-1.99e-05	6.90e-04	-1.47e-06
15	43	-3.73e-03	-0.01	-0.83	-1.99e-05	6.90e-04	-1.47e-06
15	44	-3.73e-03	-0.01	-0.83	-1.99e-05	6.90e-04	-1.47e-06
16	1	-6.06e-03	-0.02	-1.20	5.83e-05	1.07e-03	-6.63e-06
16	3	-6.25e-03	-0.01	-1.14	8.92e-05	1.18e-03	-5.83e-06
16	7	-4.51e-03	-0.01	-0.91	5.28e-05	8.32e-04	-3.85e-06
16	8	-4.55e-03	-0.01	-0.87	7.05e-05	9.10e-04	-3.23e-06
16	10	-0.04	-0.01	-0.75	-8.77e-06	5.37e-04	-2.55e-05
16	11	0.03	-9.68e-03	-0.91	1.35e-04	1.13e-03	1.60e-05
16	24	3.33e-03	-0.03	-0.89	1.78e-04	9.62e-04	1.25e-06
16	42	-4.30e-03	-0.01	-0.83	6.68e-05	8.48e-04	-2.97e-06
16	43	-4.30e-03	-0.01	-0.83	6.68e-05	8.48e-04	-2.97e-06
16	44	-4.30e-03	-0.01	-0.83	6.68e-05	8.48e-04	-2.97e-06
17	1	0.02	-8.74e-03	-0.58	-1.85e-06	-3.31e-04	-1.02e-05
17	3	0.02	-6.95e-03	-0.55	-2.81e-05	-2.84e-04	4.95e-06
17	7	0.02	-5.05e-03	-0.45	-8.06e-06	-2.31e-04	0.0
17	8	0.02	-3.90e-03	-0.42	-2.37e-05	-1.99e-04	7.59e-06
17	17	0.05	1.88e-04	-0.45	1.58e-05	-1.17e-04	-1.87e-05
17	22	0.02	-0.03	-0.43	4.69e-05	-1.54e-04	1.85e-05
17	42	0.02	-3.67e-03	-0.42	-2.17e-05	-1.93e-04	6.57e-06
17	43	0.02	-3.67e-03	-0.42	-2.17e-05	-1.93e-04	6.57e-06
17	44	0.02	-3.67e-03	-0.42	-2.17e-05	-1.93e-04	6.57e-06
18	1	-0.04	-0.03	-0.83	-1.07e-04	3.88e-04	1.77e-04
18	5	-0.05	-0.02	-0.74	-1.15e-04	3.23e-04	1.42e-04
18	7	-0.03	-0.02	-0.62	-7.52e-05	2.86e-04	1.39e-04
18	9	-0.04	-0.02	-0.57	-8.24e-05	2.43e-04	1.16e-04
18	16	-0.06	-0.01	-0.57	-6.90e-05	1.12e-04	1.69e-04
18	21	-3.73e-03	0.01	-0.70	-6.28e-04	4.25e-04	3.32e-06
18	24	-0.05	-0.05	-0.44	4.64e-04	8.16e-05	2.38e-04
18	42	-0.03	-0.02	-0.57	-8.28e-05	2.48e-04	1.25e-04
18	43	-0.03	-0.02	-0.57	-8.28e-05	2.48e-04	1.25e-04
18	44	-0.03	-0.02	-0.57	-8.28e-05	2.48e-04	1.25e-04
19	1	-0.09	-0.05	-0.83	-7.46e-05	4.18e-04	1.13e-05
19	7	-0.07	-0.04	-0.62	-5.19e-05	3.08e-04	1.51e-05
19	16	-0.20	-0.02	-0.57	-5.19e-05	1.33e-04	-3.88e-05
19	18	-0.12	-0.34	-0.44	4.77e-04	1.14e-04	8.47e-05
19	21	0.02	0.28	-0.70	-6.10e-04	4.27e-04	-7.45e-05
19	42	-0.06	-0.03	-0.57	-6.59e-05	2.61e-04	1.69e-05
19	43	-0.06	-0.03	-0.57	-6.59e-05	2.61e-04	1.69e-05
19	44	-0.06	-0.03	-0.57	-6.59e-05	2.61e-04	1.69e-05
20	1	-0.04	-0.02	-0.58	1.63e-04	4.79e-04	-4.07e-06
20	5	-0.05	-0.02	-0.54	1.27e-04	3.97e-04	2.34e-06
20	7	-0.03	-0.02	-0.44	1.22e-04	3.54e-04	0.0
20	9	-0.04	-0.01	-0.41	9.77e-05	3.00e-04	4.62e-06
20	16	-0.06	-7.59e-03	-0.44	6.86e-05	1.75e-04	-2.29e-05
20	23	-0.01	0.06	-0.47	-1.83e-04	4.64e-04	-8.11e-05
20	24	-0.05	-0.09	-0.35	3.82e-04	1.35e-04	8.81e-05
20	42	-0.03	-0.01	-0.41	9.53e-05	3.10e-04	0.0
20	43	-0.03	-0.01	-0.41	9.53e-05	3.10e-04	0.0
20	44	-0.03	-0.01	-0.41	9.53e-05	3.10e-04	0.0
21	1	-0.09	-0.05	-0.58	2.11e-04	5.88e-04	4.08e-05
21	7	-0.07	-0.05	-0.44	1.57e-04	4.36e-04	3.66e-05
21	16	-0.20	-0.01	-0.44	8.44e-05	2.39e-04	-2.45e-05
21	23	-0.02	0.28	-0.48	-1.85e-04	5.58e-04	-1.34e-05
21	24	-0.13	-0.37	-0.35	4.27e-04	1.88e-04	1.01e-04
21	42	-0.06	-0.04	-0.41	1.16e-04	3.84e-04	3.52e-05
21	43	-0.06	-0.04	-0.41	1.16e-04	3.84e-04	3.52e-05
21	44	-0.06	-0.04	-0.41	1.16e-04	3.84e-04	3.52e-05
22	1	2.15e-03	-0.02	-0.65	3.34e-04	5.80e-05	7.81e-05
22	6	-0.01	-0.01	-0.45	1.96e-04	3.06e-05	6.85e-05
22	7	1.63e-03	-0.01	-0.49	2.47e-04	4.36e-05	6.40e-05
22	9	-7.42e-03	-0.01	-0.45	2.01e-04	3.37e-05	6.63e-05
22	16	-0.03	-7.45e-03	-0.47	1.83e-04	-6.42e-05	7.27e-05
22	17	0.03	-0.02	-0.43	2.24e-04	1.52e-04	4.09e-05
22	24	-5.98e-03	-0.09	-0.44	3.92e-04	1.31e-05	1.51e-04
22	42	9.93e-04	-0.01	-0.45	2.00e-04	3.98e-05	6.09e-05
22	43	9.93e-04	-0.01	-0.45	2.00e-04	3.98e-05	6.09e-05

22	44	9.93e-04	-0.01	-0.45	2.00e-04	3.98e-05	6.09e-05
23	1	-0.08	-0.05	-0.66	1.32e-04	2.17e-04	1.33e-05
23	7	-0.06	-0.05	-0.50	9.94e-05	1.62e-04	1.68e-05
23	16	-0.21	-0.01	-0.48	5.64e-05	7.75e-05	-3.62e-05
23	24	-0.10	-0.37	-0.45	3.52e-04	9.32e-05	9.35e-05
23	42	-0.06	-0.04	-0.46	7.74e-05	1.39e-04	1.84e-05
23	43	-0.06	-0.04	-0.46	7.74e-05	1.39e-04	1.84e-05
23	44	-0.06	-0.04	-0.46	7.74e-05	1.39e-04	1.84e-05
24	1	2.66e-03	-0.02	-0.68	-1.39e-06	-1.11e-04	1.08e-05
24	6	-0.01	-0.02	-0.46	-9.69e-06	-7.89e-05	2.36e-05
24	7	2.00e-03	-0.02	-0.51	-3.64e-06	-8.05e-05	1.20e-05
24	9	-7.17e-03	-0.02	-0.47	-9.41e-06	-7.53e-05	2.03e-05
24	17	0.03	-0.02	-0.47	0.0	2.71e-05	2.75e-05
24	19	7.49e-03	0.01	-0.49	-1.91e-04	-5.16e-05	-2.83e-05
24	24	-5.93e-03	-0.04	-0.45	1.70e-04	-7.94e-05	5.58e-05
24	42	1.32e-03	-0.02	-0.47	-1.34e-05	-6.42e-05	1.38e-05
24	43	1.32e-03	-0.02	-0.47	-1.34e-05	-6.42e-05	1.38e-05
24	44	1.32e-03	-0.02	-0.47	-1.34e-05	-6.42e-05	1.38e-05
25	1	-0.08	-0.05	-0.71	-1.20e-05	9.87e-05	3.38e-05
25	7	-0.06	-0.04	-0.53	-8.45e-06	7.47e-05	3.08e-05
25	16	-0.21	-0.02	-0.49	-2.31e-05	5.18e-06	-2.70e-05
25	18	-0.09	-0.34	-0.47	1.69e-04	5.20e-05	8.28e-05
25	19	-0.02	0.28	-0.51	-1.89e-04	7.74e-05	-2.97e-05
25	42	-0.06	-0.03	-0.49	-1.19e-05	6.39e-05	2.96e-05
25	43	-0.06	-0.03	-0.49	-1.19e-05	6.39e-05	2.96e-05
25	44	-0.06	-0.03	-0.49	-1.19e-05	6.39e-05	2.96e-05
26	1	5.07e-03	-0.01	-0.65	1.44e-04	-2.98e-04	1.15e-05
26	6	-0.01	-9.64e-03	-0.44	8.59e-05	-1.48e-04	2.35e-05
26	7	3.71e-03	-9.84e-03	-0.49	1.08e-04	-2.14e-04	1.15e-05
26	9	-6.06e-03	-9.20e-03	-0.45	8.45e-05	-1.57e-04	1.91e-05
26	17	0.03	-5.37e-03	-0.47	9.66e-05	-1.28e-04	1.44e-05
26	21	0.01	0.03	-0.47	-8.19e-05	-1.88e-04	-3.31e-05
26	22	-2.49e-03	-0.05	-0.45	2.48e-04	-1.32e-04	4.99e-05
26	42	2.67e-03	-7.78e-03	-0.46	7.41e-05	-1.65e-04	9.68e-06
26	43	2.67e-03	-7.78e-03	-0.46	7.41e-05	-1.65e-04	9.68e-06
26	44	2.67e-03	-7.78e-03	-0.46	7.41e-05	-1.65e-04	9.68e-06
27	1	-0.08	-0.03	-0.67	4.89e-05	-3.02e-04	4.13e-05
27	7	-0.06	-0.03	-0.51	4.48e-05	-2.16e-04	3.99e-05
27	16	-0.21	-0.03	-0.46	5.86e-05	-2.00e-04	-1.21e-05
27	21	-2.93e-03	0.26	-0.48	-5.55e-04	-1.91e-04	-1.05e-04
27	22	-0.08	-0.31	-0.46	6.55e-04	-1.23e-04	1.48e-04
27	42	-0.06	-0.02	-0.47	3.44e-05	-1.61e-04	4.25e-05
27	43	-0.06	-0.02	-0.47	3.44e-05	-1.61e-04	4.25e-05
27	44	-0.06	-0.02	-0.47	3.44e-05	-1.61e-04	4.25e-05
28	1	-0.01	-0.01	-0.59	1.84e-04	-2.55e-04	3.80e-05
28	5	-0.03	-0.01	-0.54	1.35e-04	-1.70e-04	3.58e-05
28	7	-9.13e-03	-9.90e-03	-0.45	1.36e-04	-1.84e-04	2.94e-05
28	9	-0.02	-9.07e-03	-0.42	1.02e-04	-1.27e-04	2.80e-05
28	16	-0.04	-8.75e-03	-0.42	9.01e-05	-1.63e-04	1.56e-05
28	21	5.80e-03	0.03	-0.47	-8.94e-05	-1.50e-04	-2.38e-05
28	22	-0.02	-0.05	-0.38	3.19e-04	-1.29e-04	7.31e-05
28	42	-8.69e-03	-7.73e-03	-0.42	1.04e-04	-1.37e-04	2.57e-05
28	43	-8.69e-03	-7.73e-03	-0.42	1.04e-04	-1.37e-04	2.57e-05
28	44	-8.69e-03	-7.73e-03	-0.42	1.04e-04	-1.37e-04	2.57e-05
29	1	-0.09	-0.03	-0.60	-3.32e-05	-7.86e-04	-9.72e-06
29	7	-0.07	-0.03	-0.46	-1.71e-05	-5.78e-04	0.0
29	16	-0.21	-0.03	-0.42	2.65e-06	-5.81e-04	-2.85e-05
29	21	6.65e-03	0.26	-0.48	-7.56e-04	-5.05e-04	-1.86e-04
29	22	-0.10	-0.31	-0.38	7.33e-04	-4.12e-04	1.64e-04
29	42	-0.06	-0.02	-0.43	-2.57e-05	-4.68e-04	4.31e-06
29	43	-0.06	-0.02	-0.43	-2.57e-05	-4.68e-04	4.31e-06
29	44	-0.06	-0.02	-0.43	-2.57e-05	-4.68e-04	4.31e-06
30	1	0.02	-4.44e-03	-1.30	-1.44e-04	-7.17e-04	-3.91e-05
30	3	0.03	-4.19e-03	-1.25	-1.78e-04	-8.12e-04	-4.31e-05
30	7	0.02	-3.59e-03	-0.98	-1.14e-04	-5.57e-04	-3.36e-05
30	8	0.02	-3.44e-03	-0.95	-1.32e-04	-6.20e-04	-3.76e-05
30	10	-8.32e-03	4.54e-03	-1.00	-2.68e-04	-7.89e-04	-3.04e-05
30	17	0.05	-6.54e-03	-0.83	-2.74e-05	-3.47e-04	-4.47e-05
30	24	0.02	-0.03	-0.85	7.10e-05	-5.09e-04	-3.93e-05
30	42	0.02	-3.27e-03	-0.91	-1.33e-04	-5.74e-04	-3.48e-05
30	43	0.02	-3.27e-03	-0.91	-1.33e-04	-5.74e-04	-3.48e-05
30	44	0.02	-3.27e-03	-0.91	-1.33e-04	-5.74e-04	-3.48e-05
31	1	-0.15	-0.11	-1.32	1.18e-04	7.49e-04	-5.19e-05
31	3	-0.17	-0.10	-1.28	9.00e-05	7.28e-04	-6.24e-05
31	7	-0.12	-0.09	-1.00	8.62e-05	6.09e-04	-4.01e-05
31	8	-0.12	-0.09	-0.97	7.05e-05	6.25e-04	-4.64e-05
31	10	-0.46	0.17	-1.02	-1.26e-04	-2.09e-04	-3.23e-04

31	12	-0.50	0.08	-1.01	-7.54e-05	-3.01e-04	-2.09e-04
31	18	-0.14	-0.74	-0.87	4.27e-04	5.46e-04	3.06e-05
31	42	-0.12	-0.08	-0.93	6.19e-05	5.90e-04	-4.18e-05
31	43	-0.12	-0.08	-0.93	6.19e-05	5.90e-04	-4.18e-05
31	44	-0.12	-0.08	-0.93	6.19e-05	5.90e-04	-4.18e-05
32	1	0.02	-0.02	-0.86	2.09e-04	-5.25e-04	-1.04e-05
32	3	0.02	-0.02	-0.79	1.97e-04	-4.40e-04	-1.61e-05
32	7	0.02	-0.02	-0.65	1.59e-04	-3.83e-04	-1.02e-05
32	8	0.02	-0.01	-0.59	1.52e-04	-3.24e-04	-1.40e-05
32	17	0.05	-0.01	-0.59	1.35e-04	-2.30e-04	-1.37e-05
32	21	0.02	0.01	-0.59	1.58e-05	-3.40e-04	-3.09e-05
32	24	0.01	-0.04	-0.58	2.49e-04	-2.96e-04	2.59e-06
32	42	0.02	-0.01	-0.58	1.35e-04	-3.16e-04	-1.29e-05
32	43	0.02	-0.01	-0.58	1.35e-04	-3.16e-04	-1.29e-05
32	44	0.02	-0.01	-0.58	1.35e-04	-3.16e-04	-1.29e-05
33	5	-0.03	8.03e-03	-0.48	6.65e-05	1.23e-05	3.63e-05
33	9	-0.02	6.32e-03	-0.37	4.75e-05	0.0	2.73e-05
33	16	-0.04	2.60e-03	-0.32	5.55e-05	-5.59e-05	1.70e-05
33	22	-0.01	-1.88e-03	-0.37	3.09e-04	-2.65e-05	5.61e-05
33	23	-9.46e-03	0.01	-0.31	-2.08e-04	-8.32e-05	-7.42e-06
33	42	-0.01	5.09e-03	-0.34	4.63e-05	-5.45e-05	2.43e-05
33	43	-0.01	5.09e-03	-0.34	4.63e-05	-5.45e-05	2.43e-05
33	44	-0.01	5.09e-03	-0.34	4.63e-05	-5.45e-05	2.43e-05
34	1	0.02	-0.01	-1.14	-3.62e-05	-7.28e-04	-2.35e-05
34	3	0.03	-0.01	-1.07	-7.93e-05	-8.10e-04	-2.37e-05
34	7	0.02	-9.11e-03	-0.86	-3.17e-05	-5.63e-04	-2.05e-05
34	8	0.02	-9.48e-03	-0.81	-5.60e-05	-6.17e-04	-2.14e-05
34	17	0.05	-0.01	-0.75	4.09e-05	-4.21e-04	-2.31e-05
34	21	0.02	0.02	-0.83	-3.29e-04	-6.57e-04	2.47e-05
34	24	0.02	-0.04	-0.75	1.98e-04	-4.93e-04	-6.81e-05
34	42	0.02	-8.86e-03	-0.79	-5.91e-05	-5.72e-04	-1.99e-05
34	43	0.02	-8.86e-03	-0.79	-5.91e-05	-5.72e-04	-1.99e-05
34	44	0.02	-8.86e-03	-0.79	-5.91e-05	-5.72e-04	-1.99e-05
35	1	-0.08	-0.05	-1.16	8.31e-05	-5.06e-04	-2.54e-06
35	7	-0.06	-0.04	-0.87	8.06e-05	-3.97e-04	-5.19e-06
35	16	-0.24	0.03	-0.83	-1.36e-04	-5.54e-04	-6.19e-05
35	21	-0.04	0.37	-0.85	-1.34e-03	-5.53e-04	-1.53e-04
35	24	-0.07	-0.43	-0.76	1.39e-03	-3.48e-04	9.62e-05
35	42	-0.06	-0.03	-0.80	6.71e-05	-4.47e-04	-1.25e-06
35	43	-0.06	-0.03	-0.80	6.71e-05	-4.47e-04	-1.25e-06
35	44	-0.06	-0.03	-0.80	6.71e-05	-4.47e-04	-1.25e-06
36	1	-0.08	-0.05	-1.15	2.52e-05	-5.06e-04	-4.09e-05
36	7	-0.06	-0.04	-0.86	3.60e-05	-3.97e-04	-3.34e-05
36	16	-0.23	0.03	-0.86	-1.81e-04	-5.54e-04	-1.02e-04
36	21	-0.02	0.37	-1.07	-1.38e-03	-5.53e-04	-1.38e-04
36	24	-0.08	-0.43	-0.53	1.34e-03	-3.48e-04	5.98e-05
36	42	-0.05	-0.04	-0.79	2.25e-05	-4.47e-04	-3.52e-05
36	43	-0.05	-0.04	-0.79	2.25e-05	-4.47e-04	-3.52e-05
36	44	-0.05	-0.04	-0.79	2.25e-05	-4.47e-04	-3.52e-05
37	1	-0.14	-0.11	-2.29	1.46e-04	4.16e-03	3.36e-06
37	3	-0.16	-0.11	-2.11	1.23e-04	3.64e-03	0.0
37	7	-0.11	-0.09	-1.56	1.09e-04	2.53e-03	5.11e-06
37	8	-0.12	-0.09	-1.45	9.56e-05	2.19e-03	3.16e-06
37	10	-0.46	0.11	-1.48	-5.49e-05	2.13e-03	-2.59e-04
37	12	-0.49	0.04	-1.48	-1.99e-05	2.13e-03	-1.46e-04
37	18	-0.13	-0.76	-1.36	4.61e-04	2.25e-03	-1.39e-04
37	42	-0.11	-0.08	-1.41	8.52e-05	2.21e-03	4.45e-06
37	43	-0.11	-0.08	-1.41	8.52e-05	2.21e-03	4.45e-06
37	44	-0.11	-0.08	-1.41	8.52e-05	2.21e-03	4.45e-06
38	1	-0.20	-0.13	-1.32	1.78e-04	-2.86e-04	2.01e-05
38	3	-0.22	-0.12	-1.28	1.84e-04	-3.31e-04	2.32e-05
38	7	-0.15	-0.10	-1.00	1.37e-04	-2.37e-04	1.97e-05
38	8	-0.16	-0.10	-0.96	1.39e-04	-1.96e-04	2.13e-05
38	10	-0.62	0.02	-0.95	8.78e-05	1.08e-04	-2.36e-04
38	18	-0.13	-0.71	-0.91	1.68e-04	-1.83e-04	9.97e-05
38	42	-0.15	-0.09	-0.92	1.21e-04	-2.30e-04	2.07e-05
38	43	-0.15	-0.09	-0.92	1.21e-04	-2.30e-04	2.07e-05
38	44	-0.15	-0.09	-0.92	1.21e-04	-2.30e-04	2.07e-05
39	1	0.02	-0.02	-0.85	2.09e-04	-2.50e-04	-6.33e-06
39	3	0.02	-0.02	-0.76	1.38e-04	-2.75e-04	0.0
39	7	0.02	-0.02	-0.64	1.51e-04	-1.91e-04	-4.22e-06
39	8	0.02	-0.02	-0.57	1.05e-04	-2.08e-04	0.0
39	16	-0.01	-9.16e-03	-0.58	3.71e-05	-1.86e-04	-6.20e-06
39	17	0.05	-0.02	-0.56	1.63e-04	-1.88e-04	2.10e-06
39	24	0.01	-0.09	-0.57	2.98e-04	-1.25e-04	-6.68e-05
39	42	0.02	-0.01	-0.57	9.84e-05	-1.90e-04	0.0
39	43	0.02	-0.01	-0.57	9.84e-05	-1.90e-04	0.0

39	44	0.02	-0.01	-0.57	9.84e-05	-1.90e-04	0.0
40	1	-0.21	-0.13	-1.23	3.26e-04	-4.32e-04	2.79e-05
40	3	-0.23	-0.12	-1.18	3.36e-04	-4.44e-04	3.03e-05
40	7	-0.16	-0.10	-0.93	2.50e-04	-3.19e-04	2.57e-05
40	8	-0.17	-0.10	-0.89	2.53e-04	-3.31e-04	2.69e-05
40	10	-0.52	0.02	-0.90	1.96e-04	-4.48e-06	-2.46e-04
40	12	-0.56	-9.64e-03	-0.90	1.98e-04	4.37e-05	-1.30e-04
40	18	-0.17	-0.71	-0.82	3.37e-04	-2.20e-04	1.00e-04
40	42	-0.16	-0.09	-0.85	2.33e-04	-3.07e-04	2.61e-05
40	43	-0.16	-0.09	-0.85	2.33e-04	-3.07e-04	2.61e-05
40	44	-0.16	-0.09	-0.85	2.33e-04	-3.07e-04	2.61e-05
41	1	-0.12	-0.09	-2.60	2.25e-04	-3.61e-03	4.91e-05
41	3	-0.14	-0.08	-2.35	2.14e-04	-3.30e-03	5.75e-05
41	7	-0.10	-0.07	-1.73	1.70e-04	-2.35e-03	4.34e-05
41	8	-0.10	-0.07	-1.56	1.65e-04	-2.14e-03	4.81e-05
41	12	-0.48	-0.02	-1.57	1.33e-04	-2.19e-03	-9.24e-05
41	18	-0.12	-0.73	-1.52	5.53e-04	-2.08e-03	3.24e-04
41	21	-0.06	0.62	-1.57	-3.17e-04	-2.17e-03	-2.80e-04
41	42	-0.10	-0.06	-1.54	1.50e-04	-2.12e-03	4.54e-05
41	43	-0.10	-0.06	-1.54	1.50e-04	-2.12e-03	4.54e-05
41	44	-0.10	-0.06	-1.54	1.50e-04	-2.12e-03	4.54e-05
42	1	-0.07	-0.05	-0.88	-6.83e-05	-3.41e-04	0.0
42	7	-0.06	-0.05	-0.66	-4.26e-05	-2.49e-04	4.71e-06
42	16	-0.22	-8.94e-03	-0.62	-1.21e-04	-1.69e-04	-5.54e-05
42	21	-0.02	0.30	-0.75	-1.07e-03	-1.91e-04	-1.10e-04
42	24	-0.08	-0.38	-0.43	9.24e-04	-1.87e-04	1.04e-04
42	42	-0.05	-0.04	-0.59	-5.23e-05	-1.89e-04	6.33e-06
42	43	-0.05	-0.04	-0.59	-5.23e-05	-1.89e-04	6.33e-06
42	44	-0.05	-0.04	-0.59	-5.23e-05	-1.89e-04	6.33e-06
43	1	-0.07	-0.05	-0.87	-1.04e-05	-3.41e-04	1.28e-05
43	7	-0.05	-0.05	-0.65	1.95e-06	-2.49e-04	1.11e-05
43	16	-0.23	-8.68e-03	-0.60	-7.69e-05	-1.69e-04	-5.17e-05
43	24	-0.06	-0.38	-0.58	9.68e-04	-1.87e-04	8.14e-05
43	42	-0.05	-0.04	-0.58	-7.73e-06	-1.89e-04	9.59e-06
43	43	-0.05	-0.04	-0.58	-7.73e-06	-1.89e-04	9.59e-06
43	44	-0.05	-0.04	-0.58	-7.73e-06	-1.89e-04	9.59e-06
44	1	-0.07	-0.05	-0.89	2.17e-04	2.68e-04	-1.73e-05
44	7	-0.05	-0.04	-0.67	1.57e-04	1.86e-04	7.94e-06
44	16	-0.22	-0.02	-0.61	1.52e-04	-2.13e-04	-2.57e-05
44	18	-0.05	-0.34	-0.59	9.29e-04	1.21e-04	1.33e-04
44	21	-0.03	0.28	-0.61	-6.58e-04	1.81e-04	-1.19e-04
44	42	-0.04	-0.03	-0.60	1.33e-04	1.38e-04	1.93e-05
44	43	-0.04	-0.03	-0.60	1.33e-04	1.38e-04	1.93e-05
44	44	-0.04	-0.03	-0.60	1.33e-04	1.38e-04	1.93e-05
45	1	-0.11	-0.08	-0.91	2.71e-04	-1.14e-03	2.53e-06
45	3	-0.12	-0.07	-0.83	2.68e-04	-1.24e-03	1.23e-05
45	7	-0.09	-0.06	-0.68	2.07e-04	-9.79e-04	6.37e-06
45	9	-0.09	-0.05	-0.61	1.88e-04	-9.98e-04	1.12e-05
45	12	-0.47	-0.06	-0.61	2.24e-04	-1.97e-03	-1.43e-04
45	18	-0.11	-0.61	-0.60	6.07e-04	-1.05e-03	1.19e-04
45	21	-0.05	0.52	-0.62	-3.13e-04	-8.93e-04	-1.39e-04
45	42	-0.09	-0.05	-0.61	1.88e-04	-9.99e-04	9.84e-06
45	43	-0.09	-0.05	-0.61	1.88e-04	-9.99e-04	9.84e-06
45	44	-0.09	-0.05	-0.61	1.88e-04	-9.99e-04	9.84e-06
46	1	-0.09	-0.05	-0.81	-2.47e-04	4.36e-05	2.45e-05
46	7	-0.07	-0.04	-0.61	-1.83e-04	3.01e-05	2.44e-05
46	16	-0.21	-0.02	-0.56	-1.66e-04	-9.51e-05	-3.19e-05
46	18	-0.11	-0.34	-0.48	2.84e-04	0.0	7.14e-05
46	21	8.52e-03	0.28	-0.64	-6.50e-04	4.48e-05	-4.53e-05
46	42	-0.06	-0.03	-0.56	-1.82e-04	1.45e-05	2.45e-05
46	43	-0.06	-0.03	-0.56	-1.82e-04	1.45e-05	2.45e-05
46	44	-0.06	-0.03	-0.56	-1.82e-04	1.45e-05	2.45e-05
47	1	-0.04	-0.05	-1.01	5.75e-05	9.18e-05	5.06e-05
47	7	-0.03	-0.04	-0.76	4.65e-05	7.98e-05	4.24e-05
47	12	-0.22	-0.02	-0.68	7.71e-05	-6.29e-04	-4.70e-05
47	18	0.01	-0.35	-0.71	8.99e-04	4.46e-05	1.06e-04
47	42	-0.02	-0.03	-0.69	3.30e-05	4.11e-05	4.10e-05
47	43	-0.02	-0.03	-0.69	3.30e-05	4.11e-05	4.10e-05
47	44	-0.02	-0.03	-0.69	3.30e-05	4.11e-05	4.10e-05
48	1	-0.01	-0.03	-0.80	-3.38e-04	-2.80e-04	1.74e-04
48	5	-0.03	-0.02	-0.72	-3.09e-04	-2.42e-04	1.45e-04
48	7	-0.01	-0.02	-0.61	-2.50e-04	-2.07e-04	1.33e-04
48	9	-0.02	-0.02	-0.55	-2.32e-04	-1.83e-04	1.14e-04
48	16	-0.04	-0.01	-0.56	-2.19e-04	-3.10e-04	1.55e-04
48	21	4.81e-03	0.01	-0.63	-6.88e-04	-1.49e-04	8.91e-05
48	24	-0.02	-0.05	-0.47	2.23e-04	-1.87e-04	1.39e-04
48	42	-0.01	-0.02	-0.55	-2.34e-04	-1.73e-04	1.19e-04

48	43	-0.01	-0.02	-0.55	-2.34e-04	-1.73e-04	1.19e-04
48	44	-0.01	-0.02	-0.55	-2.34e-04	-1.73e-04	1.19e-04
49	1	-0.09	-0.05	-1.31	2.59e-04	-6.02e-04	-6.09e-06
49	7	-0.07	-0.04	-0.99	2.14e-04	-4.90e-04	-8.38e-06
49	10	-0.23	0.12	-1.01	-3.00e-04	-9.43e-04	-2.11e-04
49	16	-0.25	0.04	-1.00	-4.53e-05	-9.71e-04	-7.53e-05
49	24	-0.07	-0.45	-0.87	1.58e-03	-5.17e-04	7.22e-05
49	42	-0.06	-0.04	-0.92	2.01e-04	-4.96e-04	-4.51e-06
49	43	-0.06	-0.04	-0.92	2.01e-04	-4.96e-04	-4.51e-06
49	44	-0.06	-0.04	-0.92	2.01e-04	-4.96e-04	-4.51e-06
50	1	-3.07e-03	-0.02	-1.22	9.18e-05	6.67e-04	-3.77e-06
50	6	-3.44e-03	-0.01	-0.81	7.07e-05	6.35e-04	-2.17e-06
50	7	-3.37e-03	-0.01	-0.91	7.09e-05	5.41e-04	-2.61e-06
50	8	-3.58e-03	-0.01	-0.86	7.77e-05	7.00e-04	-2.29e-06
50	10	-0.03	-0.01	-0.79	2.54e-05	4.49e-04	-1.30e-05
50	11	0.02	-0.01	-0.86	1.13e-04	8.13e-04	7.40e-06
50	24	1.41e-04	-0.03	-0.84	8.27e-05	6.85e-04	0.0
50	42	-3.43e-03	-0.01	-0.83	7.10e-05	6.38e-04	-2.23e-06
50	43	-3.43e-03	-0.01	-0.83	7.10e-05	6.38e-04	-2.23e-06
50	44	-3.43e-03	-0.01	-0.83	7.10e-05	6.38e-04	-2.23e-06
51	1	-0.08	-0.02	-0.59	9.16e-05	-3.59e-04	-9.39e-06
51	7	-0.06	-0.02	-0.45	8.04e-05	-2.60e-04	1.93e-05
51	16	-0.21	-0.03	-0.41	1.01e-04	-2.97e-04	-7.17e-06
51	17	0.12	0.02	-0.44	1.17e-05	-1.14e-04	5.74e-05
51	22	-0.08	-0.26	-0.42	7.24e-04	-1.81e-04	1.91e-04
51	42	-0.06	-5.93e-03	-0.42	6.55e-05	-2.03e-04	3.44e-05
51	43	-0.06	-5.93e-03	-0.42	6.55e-05	-2.03e-04	3.44e-05
51	44	-0.06	-5.93e-03	-0.42	6.55e-05	-2.03e-04	3.44e-05
52	1	-0.03	-0.03	-0.58	1.13e-04	-2.26e-04	3.15e-05
52	5	-0.03	-0.02	-0.54	7.94e-05	-1.43e-04	3.21e-05
52	7	-0.02	-0.02	-0.44	8.30e-05	-1.70e-04	2.42e-05
52	9	-0.02	-0.01	-0.42	5.69e-05	-1.15e-04	2.43e-05
52	16	-0.06	-0.01	-0.40	4.44e-05	-4.21e-04	3.01e-06
52	17	0.02	-0.01	-0.43	4.21e-05	1.54e-04	2.98e-05
52	22	-0.02	-0.08	-0.42	3.57e-04	-1.90e-04	7.00e-05
52	42	-0.02	-0.01	-0.42	5.21e-05	-1.47e-04	1.86e-05
52	43	-0.02	-0.01	-0.42	5.21e-05	-1.47e-04	1.86e-05
52	44	-0.02	-0.01	-0.42	5.21e-05	-1.47e-04	1.86e-05
53	1	-0.02	-0.01	-0.50	1.24e-04	-1.36e-04	3.19e-05
53	3	-0.02	-7.86e-03	-0.51	8.95e-05	-9.92e-05	2.36e-05
53	5	-0.03	-6.16e-03	-0.49	9.82e-05	-5.39e-05	2.21e-05
53	7	-0.02	-7.67e-03	-0.39	9.27e-05	-1.02e-04	2.16e-05
53	8	-0.01	-4.45e-03	-0.39	6.54e-05	-7.79e-05	1.54e-05
53	9	-0.02	-3.66e-03	-0.38	7.24e-05	-4.73e-05	1.49e-05
53	16	-0.04	-9.95e-03	-0.36	6.95e-05	-9.45e-05	2.45e-05
53	22	-0.01	-0.05	-0.39	3.44e-04	-5.39e-05	9.31e-05
53	42	-0.01	-4.69e-03	-0.38	6.72e-05	-8.01e-05	1.53e-05
53	43	-0.01	-4.69e-03	-0.38	6.72e-05	-8.01e-05	1.53e-05
53	44	-0.01	-4.69e-03	-0.38	6.72e-05	-8.01e-05	1.53e-05
54	1	-9.54e-04	-0.02	-1.13	3.21e-04	4.55e-04	-1.18e-05
54	6	-1.51e-03	-0.01	-0.75	2.20e-04	4.76e-04	-1.00e-05
54	7	-1.30e-03	-0.01	-0.85	2.41e-04	3.78e-04	-1.08e-05
54	9	-1.48e-03	-0.01	-0.77	2.24e-04	4.77e-04	-1.03e-05
54	10	-0.02	-0.01	-0.75	1.79e-04	3.44e-04	-1.19e-05
54	18	1.04e-03	-0.04	-0.79	2.14e-04	5.18e-04	-9.65e-06
54	24	1.19e-03	-0.04	-0.78	2.16e-04	5.19e-04	-8.49e-06
54	42	-1.41e-03	-0.01	-0.77	2.24e-04	4.77e-04	-1.06e-05
54	43	-1.41e-03	-0.01	-0.77	2.24e-04	4.77e-04	-1.06e-05
54	44	-1.41e-03	-0.01	-0.77	2.24e-04	4.77e-04	-1.06e-05
55	1	-0.13	-0.09	-1.26	9.66e-05	-1.98e-03	7.43e-06
55	3	-0.14	-0.08	-1.18	1.06e-04	-2.06e-03	8.72e-06
55	7	-0.10	-0.07	-0.95	7.47e-05	-1.47e-03	1.10e-05
55	8	-0.10	-0.06	-0.90	8.13e-05	-1.65e-03	1.16e-05
55	10	-0.76	-0.10	-0.82	3.19e-05	-2.72e-03	-2.32e-04
55	11	0.55	-0.02	-0.90	1.13e-04	-2.42e-04	2.33e-04
55	18	-0.01	-0.63	-0.88	1.21e-04	-1.37e-03	9.06e-05
55	42	-0.10	-0.06	-0.86	7.40e-05	-1.50e-03	1.19e-05
55	43	-0.10	-0.06	-0.86	7.40e-05	-1.50e-03	1.19e-05
55	44	-0.10	-0.06	-0.86	7.40e-05	-1.50e-03	1.19e-05
56	1	-0.19	-0.12	-1.31	-3.47e-05	1.47e-03	1.47e-06
56	3	-0.22	-0.11	-1.24	-3.31e-05	1.47e-03	4.43e-06
56	7	-0.15	-0.10	-0.99	-2.34e-05	1.05e-03	5.65e-06
56	8	-0.16	-0.09	-0.94	-2.30e-05	1.21e-03	6.64e-06
56	10	-0.81	0.16	-0.94	-2.17e-05	-2.53e-04	-2.31e-04
56	18	-0.07	-0.75	-0.90	3.11e-05	1.24e-03	7.68e-05
56	42	-0.15	-0.09	-0.90	-2.16e-05	1.09e-03	7.51e-06
56	43	-0.15	-0.09	-0.90	-2.16e-05	1.09e-03	7.51e-06

56	44	-0.15	-0.09	-0.90	-2.16e-05	1.09e-03	7.51e-06
57	1	-0.19	-0.11	-1.32	5.65e-06	1.36e-03	-1.85e-05
57	3	-0.22	-0.11	-1.25	-1.24e-05	1.37e-03	-2.12e-05
57	7	-0.15	-0.09	-1.00	6.46e-06	1.02e-03	-8.95e-06
57	8	-0.16	-0.09	-0.95	-5.28e-06	1.17e-03	-1.10e-05
57	10	-0.71	0.17	-0.94	-2.94e-05	-8.77e-05	-2.56e-04
57	18	-0.10	-0.74	-0.91	5.10e-05	1.14e-03	5.89e-05
57	42	-0.15	-0.08	-0.91	-6.59e-06	1.05e-03	-8.74e-06
57	43	-0.15	-0.08	-0.91	-6.59e-06	1.05e-03	-8.74e-06
57	44	-0.15	-0.08	-0.91	-6.59e-06	1.05e-03	-8.74e-06
58	1	-0.12	-0.08	-1.18	2.97e-04	-1.81e-03	-3.14e-05
58	3	-0.13	-0.07	-1.10	3.01e-04	-1.88e-03	-2.90e-05
58	7	-0.10	-0.06	-0.89	2.23e-04	-1.36e-03	-1.62e-05
58	8	-0.10	-0.06	-0.83	2.27e-04	-1.52e-03	-1.57e-05
58	10	-0.66	-0.10	-0.78	1.62e-04	-2.47e-03	-2.65e-04
58	18	-0.05	-0.62	-0.82	2.27e-04	-1.32e-03	7.58e-05
58	42	-0.10	-0.05	-0.80	2.07e-04	-1.39e-03	-1.30e-05
58	43	-0.10	-0.05	-0.80	2.07e-04	-1.39e-03	-1.30e-05
58	44	-0.10	-0.05	-0.80	2.07e-04	-1.39e-03	-1.30e-05
59	1	-2.48e-03	-4.39e-03	-1.27	-2.96e-06	-8.19e-04	-7.53e-06
59	6	-2.82e-03	-3.47e-03	-0.86	-1.45e-05	-7.55e-04	-6.34e-06
59	7	-2.71e-03	-3.54e-03	-0.96	-1.11e-06	-6.63e-04	-7.30e-06
59	8	-2.92e-03	-3.38e-03	-0.91	-1.33e-05	-8.28e-04	-7.38e-06
59	10	-0.02	4.54e-03	-0.91	-2.04e-05	-9.16e-04	-1.00e-05
59	24	-8.42e-05	-0.03	-0.87	-7.40e-06	-7.41e-04	-6.14e-06
59	42	-2.72e-03	-3.21e-03	-0.87	-1.43e-05	-7.57e-04	-6.98e-06
59	43	-2.72e-03	-3.21e-03	-0.87	-1.43e-05	-7.57e-04	-6.98e-06
59	44	-2.72e-03	-3.21e-03	-0.87	-1.43e-05	-7.57e-04	-6.98e-06
60	1	-4.38e-03	-4.40e-03	-1.26	-3.82e-05	-8.20e-04	-4.69e-06
60	4	-4.66e-03	-3.27e-03	-0.91	-2.58e-05	-8.63e-04	-3.22e-06
60	7	-4.65e-03	-3.55e-03	-0.95	-2.66e-05	-6.69e-04	-3.40e-06
60	8	-4.91e-03	-3.38e-03	-0.90	-2.62e-05	-8.35e-04	-3.14e-06
60	10	-0.03	4.57e-03	-0.90	-7.55e-06	-9.46e-04	-1.33e-05
60	24	-1.05e-03	-0.02	-0.86	-1.68e-05	-7.42e-04	0.0
60	42	-4.62e-03	-3.20e-03	-0.86	-2.42e-05	-7.64e-04	-3.02e-06
60	43	-4.62e-03	-3.20e-03	-0.86	-2.42e-05	-7.64e-04	-3.02e-06
60	44	-4.62e-03	-3.20e-03	-0.86	-2.42e-05	-7.64e-04	-3.02e-06
61	1	-0.16	-0.11	-1.42	-2.69e-05	-8.07e-06	2.84e-05
61	3	-0.17	-0.10	-1.38	-2.63e-05	-1.54e-06	3.20e-05
61	7	-0.12	-0.09	-1.07	-1.56e-05	6.97e-05	2.62e-05
61	8	-0.13	-0.08	-1.04	-1.17e-05	6.47e-05	2.81e-05
61	10	-0.90	0.03	-0.99	-3.08e-05	4.68e-04	-2.25e-04
61	18	-4.35e-03	-0.70	-1.02	2.70e-05	1.95e-06	1.03e-04
61	42	-0.12	-0.08	-0.99	-8.31e-06	6.90e-05	2.71e-05
61	43	-0.12	-0.08	-0.99	-8.31e-06	6.90e-05	2.71e-05
61	44	-0.12	-0.08	-0.99	-8.31e-06	6.90e-05	2.71e-05
62	1	-0.17	-0.11	-1.43	2.33e-05	-4.19e-05	2.74e-05
62	3	-0.19	-0.11	-1.38	2.67e-05	-1.09e-04	3.10e-05
62	7	-0.13	-0.09	-1.08	2.10e-05	3.58e-05	2.57e-05
62	8	-0.14	-0.09	-1.05	2.40e-05	2.76e-05	2.76e-05
62	10	-0.81	0.03	-1.00	-1.13e-06	3.80e-04	-2.29e-04
62	18	-0.05	-0.70	-1.01	4.29e-05	-9.43e-06	1.03e-04
62	42	-0.13	-0.08	-0.99	2.11e-05	3.55e-05	2.67e-05
62	43	-0.13	-0.08	-0.99	2.11e-05	3.55e-05	2.67e-05
62	44	-0.13	-0.08	-0.99	2.11e-05	3.55e-05	2.67e-05
63	1	-0.18	-0.12	-1.39	1.42e-04	-1.43e-04	2.51e-05
63	3	-0.20	-0.11	-1.35	1.42e-04	-2.20e-04	2.82e-05
63	7	-0.14	-0.10	-1.05	1.11e-04	-7.88e-05	2.39e-05
63	8	-0.15	-0.09	-1.02	1.11e-04	-8.57e-05	2.56e-05
63	10	-0.71	0.03	-0.99	7.00e-05	2.82e-04	-2.34e-04
63	18	-0.09	-0.71	-0.98	1.23e-04	-8.14e-05	1.03e-04
63	42	-0.14	-0.08	-0.97	1.00e-04	-7.51e-05	2.48e-05
63	43	-0.14	-0.08	-0.97	1.00e-04	-7.51e-05	2.48e-05
63	44	-0.14	-0.08	-0.97	1.00e-04	-7.51e-05	2.48e-05
64	1	4.94e-03	-8.79e-03	-0.58	3.68e-05	-3.01e-04	4.02e-05
64	6	-0.01	-2.66e-03	-0.41	1.73e-05	-1.38e-04	4.46e-05
64	7	3.64e-03	-5.13e-03	-0.44	3.00e-05	-2.16e-04	3.24e-05
64	9	-6.04e-03	-3.13e-03	-0.41	1.58e-05	-1.50e-04	4.02e-05
64	17	0.03	9.25e-05	-0.43	5.67e-05	-1.53e-04	3.42e-05
64	22	-2.46e-03	-0.03	-0.42	7.70e-05	-1.18e-04	7.03e-05
64	42	2.65e-03	-3.74e-03	-0.42	7.28e-06	-1.62e-04	3.05e-05
64	43	2.65e-03	-3.74e-03	-0.42	7.28e-06	-1.62e-04	3.05e-05
64	44	2.65e-03	-3.74e-03	-0.42	7.28e-06	-1.62e-04	3.05e-05
65	3	2.76e-03	3.47e-03	-0.50	6.76e-05	-1.72e-04	5.37e-05
65	6	-0.01	6.94e-03	-0.38	6.07e-05	-1.10e-04	4.61e-05
65	8	2.41e-03	4.16e-03	-0.39	5.27e-05	-1.28e-04	4.15e-05
65	9	-6.27e-03	5.97e-03	-0.38	6.15e-05	-1.23e-04	4.45e-05

65	17	0.03	8.44e-03	-0.39	7.00e-05	-1.49e-04	4.01e-05
65	22	-2.53e-03	-0.01	-0.39	2.62e-04	-8.74e-05	6.41e-05
65	23	7.68e-03	0.02	-0.37	-1.40e-04	-1.88e-04	1.35e-05
65	42	2.45e-03	4.07e-03	-0.38	5.71e-05	-1.37e-04	3.96e-05
65	43	2.45e-03	4.07e-03	-0.38	5.71e-05	-1.37e-04	3.96e-05
65	44	2.45e-03	4.07e-03	-0.38	5.71e-05	-1.37e-04	3.96e-05
66	1	-0.08	-0.05	-0.62	2.26e-04	2.01e-04	1.89e-05
66	7	-0.06	-0.05	-0.47	1.66e-04	1.47e-04	2.02e-05
66	16	-0.21	-0.01	-0.46	1.07e-04	-5.33e-05	-3.24e-05
66	23	-0.02	0.28	-0.47	-6.90e-05	2.22e-04	-2.63e-05
66	24	-0.11	-0.37	-0.40	3.32e-04	1.05e-05	8.40e-05
66	42	-0.06	-0.04	-0.43	1.29e-04	1.27e-04	2.06e-05
66	43	-0.06	-0.04	-0.43	1.29e-04	1.27e-04	2.06e-05
66	44	-0.06	-0.04	-0.43	1.29e-04	1.27e-04	2.06e-05
67	1	-0.02	-0.02	-0.62	1.87e-04	5.78e-05	1.56e-04
67	5	-0.03	-0.02	-0.57	1.43e-04	3.96e-05	1.38e-04
67	7	-0.02	-0.01	-0.46	1.38e-04	4.10e-05	1.19e-04
67	9	-0.02	-0.01	-0.43	1.08e-04	2.85e-05	1.07e-04
67	16	-0.05	-7.48e-03	-0.45	8.31e-05	-1.39e-04	1.33e-04
67	23	-5.50e-03	0.06	-0.46	-9.74e-05	1.04e-04	1.00e-04
67	24	-0.03	-0.09	-0.40	3.15e-04	-5.31e-05	1.19e-04
67	42	-0.01	-0.01	-0.43	1.06e-04	3.53e-05	1.06e-04
67	43	-0.01	-0.01	-0.43	1.06e-04	3.53e-05	1.06e-04
67	44	-0.01	-0.01	-0.43	1.06e-04	3.53e-05	1.06e-04
68	1	-0.03	-0.01	-0.48	1.22e-04	-1.18e-04	3.05e-05
68	3	-0.02	-6.28e-03	-0.49	8.63e-05	-8.70e-05	2.23e-05
68	5	-0.04	-4.58e-03	-0.47	9.46e-05	-3.65e-05	2.08e-05
68	7	-0.02	-6.46e-03	-0.37	9.06e-05	-8.75e-05	2.05e-05
68	8	-0.02	-3.21e-03	-0.38	6.31e-05	-6.63e-05	1.44e-05
68	9	-0.03	-2.43e-03	-0.36	6.98e-05	-3.28e-05	1.39e-05
68	16	-0.05	-8.81e-03	-0.36	6.68e-05	-9.91e-05	2.28e-05
68	22	-0.03	-0.05	-0.33	3.39e-04	-5.62e-05	9.24e-05
68	23	-9.65e-03	0.04	-0.40	-1.99e-04	-8.09e-05	-6.30e-05
68	42	-0.02	-3.44e-03	-0.37	6.51e-05	-6.83e-05	1.43e-05
68	43	-0.02	-3.44e-03	-0.37	6.51e-05	-6.83e-05	1.43e-05
68	44	-0.02	-3.44e-03	-0.37	6.51e-05	-6.83e-05	1.43e-05
69	1	-0.04	-0.03	-0.54	2.21e-04	-2.23e-04	5.91e-05
69	5	-0.05	-0.02	-0.51	1.67e-04	-1.08e-04	5.47e-05
69	7	-0.03	-0.02	-0.41	1.64e-04	-1.62e-04	4.49e-05
69	9	-0.03	-0.02	-0.39	1.26e-04	-8.59e-05	4.21e-05
69	16	-0.06	-0.02	-0.39	9.47e-05	-2.23e-04	2.01e-05
69	22	-0.03	-0.08	-0.35	3.40e-04	-1.36e-04	6.73e-05
69	23	-0.02	0.05	-0.44	-8.16e-05	-1.09e-04	7.86e-06
69	42	-0.02	-0.02	-0.40	1.25e-04	-1.23e-04	3.75e-05
69	43	-0.02	-0.02	-0.40	1.25e-04	-1.23e-04	3.75e-05
69	44	-0.02	-0.02	-0.40	1.25e-04	-1.23e-04	3.75e-05
70	1	-0.03	-2.91e-03	-0.45	1.01e-04	-1.00e-04	2.74e-05
70	3	-0.02	-8.24e-04	-0.47	6.67e-05	-7.74e-05	1.98e-05
70	5	-0.04	4.15e-04	-0.47	7.10e-05	-1.00e-05	1.86e-05
70	7	-0.02	-1.41e-03	-0.35	7.39e-05	-7.51e-05	1.84e-05
70	8	-0.02	2.36e-04	-0.36	4.70e-05	-5.95e-05	1.27e-05
70	9	-0.03	8.66e-04	-0.36	5.13e-05	-1.46e-05	1.24e-05
70	16	-0.05	-2.99e-03	-0.33	5.71e-05	-7.94e-05	2.03e-05
70	22	-0.03	-0.02	-0.31	3.26e-04	-4.82e-05	8.22e-05
70	23	-9.44e-03	0.02	-0.39	-2.17e-04	-7.28e-05	-5.62e-05
70	42	-0.02	-2.97e-06	-0.35	4.97e-05	-6.02e-05	1.27e-05
70	43	-0.02	-2.97e-06	-0.35	4.97e-05	-6.02e-05	1.27e-05
70	44	-0.02	-2.97e-06	-0.35	4.97e-05	-6.02e-05	1.27e-05
71	1	-0.01	-6.39e-03	-0.53	1.44e-04	-2.22e-04	2.78e-05
71	5	-0.03	-4.46e-03	-0.50	1.04e-04	-1.32e-04	3.30e-05
71	7	-8.99e-03	-3.70e-03	-0.41	1.07e-04	-1.59e-04	2.21e-05
71	9	-0.02	-2.57e-03	-0.39	7.80e-05	-9.90e-05	2.54e-05
71	16	-0.04	-6.34e-03	-0.38	5.67e-05	-1.22e-04	7.06e-06
71	22	-0.02	-0.03	-0.35	3.00e-04	-1.02e-04	6.83e-05
71	23	6.46e-04	0.03	-0.44	-1.38e-04	-1.25e-04	-2.98e-05
71	42	-8.51e-03	-2.44e-03	-0.39	7.72e-05	-1.13e-04	1.87e-05
71	43	-8.51e-03	-2.44e-03	-0.39	7.72e-05	-1.13e-04	1.87e-05
71	44	-8.51e-03	-2.44e-03	-0.39	7.72e-05	-1.13e-04	1.87e-05
72	5	-0.04	8.06e-03	-0.47	4.93e-05	1.37e-05	3.44e-05
72	9	-0.03	6.34e-03	-0.36	3.46e-05	1.75e-06	2.59e-05
72	16	-0.05	2.61e-03	-0.31	4.59e-05	-6.50e-05	1.59e-05
72	23	-9.23e-03	0.01	-0.36	-2.18e-04	-6.58e-05	-9.28e-06
72	25	-6.41e-03	0.01	-0.36	-2.04e-04	-6.43e-05	-9.54e-06
72	42	-0.02	5.10e-03	-0.33	3.55e-05	-5.34e-05	2.28e-05
72	43	-0.02	5.10e-03	-0.33	3.55e-05	-5.34e-05	2.28e-05
72	44	-0.02	5.10e-03	-0.33	3.55e-05	-5.34e-05	2.28e-05
73	1	-0.12	-0.06	-0.59	3.28e-04	-3.09e-04	-8.87e-06

73	7	-0.09	-0.05	-0.45	2.61e-04	-2.21e-04	8.68e-06
73	16	-0.24	-0.05	-0.41	1.73e-04	-1.57e-04	-3.81e-05
73	17	0.10	-5.38e-03	-0.44	2.62e-04	-1.85e-04	6.98e-05
73	22	-0.10	-0.34	-0.43	4.71e-04	-1.08e-04	1.14e-04
73	42	-0.08	-0.03	-0.42	2.27e-04	-1.63e-04	1.76e-05
73	43	-0.08	-0.03	-0.42	2.27e-04	-1.63e-04	1.76e-05
73	44	-0.08	-0.03	-0.42	2.27e-04	-1.63e-04	1.76e-05
74	1	-0.12	-0.06	-0.54	5.25e-05	-2.07e-04	-5.18e-05
74	7	-0.09	-0.05	-0.41	4.34e-05	-1.58e-04	-3.07e-05
74	16	-0.23	-0.05	-0.39	1.02e-04	-3.83e-04	-5.74e-05
74	22	-0.12	-0.34	-0.35	8.45e-04	-1.99e-04	1.62e-04
74	23	-0.04	0.27	-0.44	-7.66e-04	-7.30e-05	-2.05e-04
74	42	-0.08	-0.03	-0.40	2.75e-05	-1.39e-04	-2.24e-05
74	43	-0.08	-0.03	-0.40	2.75e-05	-1.39e-04	-2.24e-05
74	44	-0.08	-0.03	-0.40	2.75e-05	-1.39e-04	-2.24e-05
75	1	-0.12	-0.06	-0.48	1.18e-04	-1.71e-04	2.67e-05
75	3	-0.11	-0.05	-0.50	9.87e-05	-1.40e-04	2.59e-05
75	7	-0.09	-0.04	-0.37	8.72e-05	-1.30e-04	2.39e-05
75	8	-0.08	-0.03	-0.38	6.23e-05	-1.10e-04	2.40e-05
75	16	-0.23	-0.06	-0.36	1.58e-04	-3.37e-04	6.12e-06
75	22	-0.12	-0.33	-0.33	8.39e-04	-1.58e-04	1.75e-04
75	23	-0.04	0.26	-0.41	-6.93e-04	-5.27e-05	-1.29e-04
75	42	-0.08	-0.03	-0.37	6.09e-05	-1.08e-04	2.14e-05
75	43	-0.08	-0.03	-0.37	6.09e-05	-1.08e-04	2.14e-05
75	44	-0.08	-0.03	-0.37	6.09e-05	-1.08e-04	2.14e-05
76	1	-0.05	-0.02	-0.46	1.24e-04	-1.35e-04	3.94e-05
76	3	-0.04	-0.01	-0.48	8.83e-05	-1.09e-04	3.22e-05
76	7	-0.04	-0.02	-0.35	9.21e-05	-1.02e-04	2.89e-05
76	8	-0.03	-8.60e-03	-0.37	6.41e-05	-8.48e-05	2.42e-05
76	16	-0.07	-0.01	-0.34	6.08e-05	-2.06e-04	1.93e-05
76	22	-0.04	-0.10	-0.32	3.41e-04	-9.61e-05	6.07e-05
76	23	-0.02	0.07	-0.39	-1.95e-04	-6.82e-05	-1.30e-05
76	42	-0.03	-9.62e-03	-0.35	6.77e-05	-8.30e-05	2.38e-05
76	43	-0.03	-9.62e-03	-0.35	6.77e-05	-8.30e-05	2.38e-05
76	44	-0.03	-9.62e-03	-0.35	6.77e-05	-8.30e-05	2.38e-05
77	1	-0.14	-0.08	-0.46	1.61e-04	-1.36e-04	1.12e-05
77	3	-0.12	-0.06	-0.48	1.30e-04	-9.74e-05	1.71e-05
77	7	-0.10	-0.06	-0.36	1.14e-04	-1.04e-04	1.14e-05
77	8	-0.09	-0.04	-0.37	7.93e-05	-7.92e-05	1.43e-05
77	16	-0.24	-0.08	-0.34	2.03e-04	-3.28e-04	2.28e-05
77	22	-0.12	-0.35	-0.32	8.19e-04	-1.41e-04	2.43e-04
77	23	-0.05	0.27	-0.39	-6.36e-04	-2.96e-05	-2.16e-04
77	42	-0.09	-0.04	-0.36	7.95e-05	-8.72e-05	1.10e-05
77	43	-0.09	-0.04	-0.36	7.95e-05	-8.72e-05	1.10e-05
77	44	-0.09	-0.04	-0.36	7.95e-05	-8.72e-05	1.10e-05
78	1	-0.14	-0.08	-0.43	1.98e-04	-5.30e-04	-4.14e-06
78	5	-0.11	-0.06	-0.47	1.41e-04	-4.47e-04	-1.98e-06
78	7	-0.10	-0.06	-0.33	1.37e-04	-4.08e-04	1.02e-06
78	9	-0.09	-0.04	-0.36	9.07e-05	-3.54e-04	3.30e-06
78	16	-0.24	-0.08	-0.31	2.44e-04	-7.00e-04	-3.81e-05
78	22	-0.12	-0.33	-0.30	8.06e-04	-4.68e-04	-2.75e-06
78	25	-0.03	0.23	-0.37	-5.27e-04	-2.66e-04	-9.81e-06
78	42	-0.09	-0.04	-0.34	9.52e-05	-3.91e-04	2.52e-06
78	43	-0.09	-0.04	-0.34	9.52e-05	-3.91e-04	2.52e-06
78	44	-0.09	-0.04	-0.34	9.52e-05	-3.91e-04	2.52e-06
79	1	-0.02	-3.90e-03	-0.47	1.09e-04	-1.11e-04	3.04e-05
79	3	-0.01	-1.83e-03	-0.48	7.55e-05	-8.24e-05	2.28e-05
79	5	-0.03	-5.88e-04	-0.48	8.10e-05	-1.93e-05	2.16e-05
79	7	-0.02	-2.19e-03	-0.36	8.01e-05	-8.42e-05	2.07e-05
79	8	-0.01	-5.60e-04	-0.37	5.37e-05	-6.55e-05	1.51e-05
79	9	-0.02	8.00e-05	-0.37	5.87e-05	-2.30e-05	1.48e-05
79	16	-0.04	-3.61e-03	-0.34	6.28e-05	-6.75e-05	2.24e-05
79	22	-0.01	-0.02	-0.38	3.34e-04	-3.75e-05	8.39e-05
79	42	-0.01	-8.01e-04	-0.36	5.61e-05	-6.69e-05	1.51e-05
79	43	-0.01	-8.01e-04	-0.36	5.61e-05	-6.69e-05	1.51e-05
79	44	-0.01	-8.01e-04	-0.36	5.61e-05	-6.69e-05	1.51e-05
80	1	-0.14	-0.08	-0.45	2.30e-04	-5.50e-04	-7.10e-06
80	5	-0.11	-0.06	-0.49	2.00e-04	-4.61e-04	-4.85e-06
80	7	-0.10	-0.06	-0.34	1.61e-04	-4.20e-04	-1.38e-06
80	9	-0.08	-0.04	-0.37	1.33e-04	-3.62e-04	0.0
80	16	-0.25	-0.08	-0.33	2.65e-04	-7.22e-04	-4.01e-05
80	22	-0.11	-0.33	-0.38	8.29e-04	-4.46e-04	-2.10e-06
80	42	-0.09	-0.04	-0.34	1.20e-04	-3.99e-04	0.0
80	43	-0.09	-0.04	-0.34	1.20e-04	-3.99e-04	0.0
80	44	-0.09	-0.04	-0.34	1.20e-04	-3.99e-04	0.0
81	1	-0.14	-0.08	-0.48	1.88e-04	-1.54e-04	2.00e-05
81	3	-0.12	-0.06	-0.49	1.56e-04	-1.08e-04	2.55e-05

81	7	-0.10	-0.06	-0.37	1.34e-04	-1.16e-04	1.84e-05
81	8	-0.09	-0.04	-0.38	9.95e-05	-8.49e-05	2.14e-05
81	16	-0.25	-0.08	-0.35	2.17e-04	-3.38e-04	2.71e-05
81	22	-0.11	-0.35	-0.39	8.41e-04	-1.23e-04	2.42e-04
81	42	-0.09	-0.04	-0.37	9.97e-05	-9.42e-05	1.80e-05
81	43	-0.09	-0.04	-0.37	9.97e-05	-9.42e-05	1.80e-05
81	44	-0.09	-0.04	-0.37	9.97e-05	-9.42e-05	1.80e-05
82	1	-0.12	-0.06	-0.51	1.48e-04	-2.14e-04	2.09e-05
82	3	-0.11	-0.05	-0.51	1.26e-04	-1.78e-04	1.95e-05
82	7	-0.09	-0.04	-0.39	1.10e-04	-1.60e-04	1.77e-05
82	8	-0.08	-0.03	-0.39	8.45e-05	-1.36e-04	1.69e-05
82	16	-0.24	-0.06	-0.37	1.72e-04	-3.99e-04	4.06e-06
82	22	-0.10	-0.33	-0.40	8.26e-04	-1.65e-04	1.88e-04
82	42	-0.08	-0.03	-0.38	8.29e-05	-1.33e-04	1.48e-05
82	43	-0.08	-0.03	-0.38	8.29e-05	-1.33e-04	1.48e-05
82	44	-0.08	-0.03	-0.38	8.29e-05	-1.33e-04	1.48e-05
83	3	-0.01	3.48e-03	-0.49	6.31e-05	-1.31e-04	5.06e-05
83	5	-0.03	6.59e-03	-0.47	7.46e-05	-1.24e-04	6.11e-05
83	6	-0.02	6.91e-03	-0.36	5.51e-05	-8.05e-05	5.06e-05
83	8	-9.00e-03	4.16e-03	-0.38	4.83e-05	-9.70e-05	4.05e-05
83	9	-0.02	5.95e-03	-0.36	5.64e-05	-9.27e-05	4.71e-05
83	16	-0.04	-2.31e-03	-0.35	2.40e-05	-1.05e-04	3.21e-05
83	23	8.94e-04	0.02	-0.40	-1.61e-04	-1.28e-04	1.76e-05
83	42	-8.38e-03	4.07e-03	-0.36	5.28e-05	-1.07e-04	3.85e-05
83	43	-8.38e-03	4.07e-03	-0.36	5.28e-05	-1.07e-04	3.85e-05
83	44	-8.38e-03	4.07e-03	-0.36	5.28e-05	-1.07e-04	3.85e-05
84	1	-0.05	-0.02	-0.48	6.77e-05	-1.52e-04	2.42e-05
84	3	-0.03	-0.01	-0.49	3.16e-05	-1.23e-04	1.67e-05
84	7	-0.03	-0.02	-0.37	4.89e-05	-1.14e-04	1.72e-05
84	8	-0.03	-7.70e-03	-0.37	2.06e-05	-9.49e-05	1.23e-05
84	16	-0.07	-0.01	-0.35	3.01e-05	-2.17e-04	9.83e-06
84	22	-0.02	-0.10	-0.39	3.00e-04	-9.70e-05	4.93e-05
84	42	-0.03	-8.72e-03	-0.36	2.42e-05	-9.33e-05	1.20e-05
84	43	-0.03	-8.72e-03	-0.36	2.42e-05	-9.33e-05	1.20e-05
84	44	-0.03	-8.72e-03	-0.36	2.42e-05	-9.33e-05	1.20e-05
85	1	-0.05	-0.01	-0.42	1.51e-04	-1.46e-04	2.95e-05
85	5	-0.04	-4.45e-03	-0.47	1.41e-04	-1.23e-04	2.40e-05
85	7	-0.04	-8.79e-03	-0.33	1.09e-04	-1.09e-04	2.15e-05
85	9	-0.03	-2.18e-03	-0.36	9.79e-05	-9.49e-05	1.81e-05
85	16	-0.07	-0.01	-0.31	1.21e-04	-2.21e-04	1.17e-05
85	22	-0.04	-0.08	-0.30	4.88e-04	-9.97e-05	4.55e-05
85	25	-0.02	0.07	-0.37	-2.85e-04	-5.67e-05	-1.48e-05
85	42	-0.03	-3.77e-03	-0.33	7.92e-05	-8.83e-05	1.66e-05
85	43	-0.03	-3.77e-03	-0.33	7.92e-05	-8.83e-05	1.66e-05
85	44	-0.03	-3.77e-03	-0.33	7.92e-05	-8.83e-05	1.66e-05
86	1	-0.05	-0.01	-0.44	8.76e-05	-1.66e-04	3.13e-05
86	5	-0.04	-4.24e-03	-0.49	1.94e-05	-1.43e-04	2.58e-05
86	7	-0.03	-8.66e-03	-0.34	5.98e-05	-1.24e-04	2.28e-05
86	9	-0.03	-2.03e-03	-0.37	1.01e-05	-1.09e-04	1.93e-05
86	16	-0.07	-0.01	-0.32	7.60e-05	-2.35e-04	1.02e-05
86	22	-0.02	-0.08	-0.37	4.40e-04	-1.08e-04	4.59e-05
86	42	-0.03	-3.65e-03	-0.34	3.03e-05	-9.98e-05	1.77e-05
86	43	-0.03	-3.65e-03	-0.34	3.03e-05	-9.98e-05	1.77e-05
86	44	-0.03	-3.65e-03	-0.34	3.03e-05	-9.98e-05	1.77e-05
87	1	-0.04	-0.02	-0.48	1.37e-04	-2.16e-04	5.03e-05
87	3	-0.03	-0.01	-0.49	9.78e-05	-1.62e-04	4.14e-05
87	5	-0.04	-8.90e-03	-0.47	1.08e-04	-1.91e-04	4.63e-05
87	7	-0.03	-0.01	-0.37	1.04e-04	-1.60e-04	3.81e-05
87	8	-0.02	-6.13e-03	-0.38	7.41e-05	-1.24e-04	3.25e-05
87	9	-0.03	-5.65e-03	-0.37	8.18e-05	-1.44e-04	3.55e-05
87	16	-0.06	-0.01	-0.36	5.92e-05	-2.53e-04	1.82e-05
87	22	-0.03	-0.06	-0.33	3.36e-04	-1.36e-04	6.45e-05
87	23	-0.01	0.05	-0.41	-1.71e-04	-1.17e-04	0.0
87	42	-0.02	-6.46e-03	-0.37	7.76e-05	-1.27e-04	3.19e-05
87	43	-0.02	-6.46e-03	-0.37	7.76e-05	-1.27e-04	3.19e-05
87	44	-0.02	-6.46e-03	-0.37	7.76e-05	-1.27e-04	3.19e-05
88	1	-0.03	-0.02	-0.51	9.39e-05	-2.25e-04	4.27e-05
88	3	-0.02	-0.01	-0.51	5.35e-05	-1.72e-04	3.23e-05
88	5	-0.03	-9.81e-03	-0.49	6.41e-05	-1.99e-04	3.87e-05
88	7	-0.02	-0.01	-0.39	7.01e-05	-1.65e-04	3.18e-05
88	8	-0.02	-6.85e-03	-0.39	3.95e-05	-1.29e-04	2.51e-05
88	9	-0.02	-6.36e-03	-0.38	4.73e-05	-1.48e-04	2.92e-05
88	16	-0.05	-0.01	-0.36	2.62e-05	-2.72e-04	1.50e-05
88	22	-0.02	-0.06	-0.39	3.07e-04	-1.38e-04	5.95e-05
88	42	-0.02	-7.17e-03	-0.38	4.29e-05	-1.32e-04	2.47e-05
88	43	-0.02	-7.17e-03	-0.38	4.29e-05	-1.32e-04	2.47e-05
88	44	-0.02	-7.17e-03	-0.38	4.29e-05	-1.32e-04	2.47e-05

89	1	-1.99e-03	-0.01	-0.62	2.79e-04	-2.26e-04	9.13e-05
89	5	-0.02	-0.01	-0.56	2.26e-04	-1.89e-04	9.05e-05
89	7	-1.79e-03	-9.95e-03	-0.47	2.05e-04	-1.59e-04	6.86e-05
89	9	-0.01	-9.19e-03	-0.43	1.69e-04	-1.36e-04	6.90e-05
89	16	-0.03	-8.95e-03	-0.44	1.53e-04	-1.43e-04	5.84e-05
89	21	9.61e-03	0.03	-0.47	3.69e-05	-1.30e-04	4.93e-05
89	22	-9.19e-03	-0.05	-0.42	2.98e-04	-9.33e-05	5.97e-05
89	42	-2.28e-03	-7.81e-03	-0.44	1.62e-04	-1.12e-04	6.04e-05
89	43	-2.28e-03	-7.81e-03	-0.44	1.62e-04	-1.12e-04	6.04e-05
89	44	-2.28e-03	-7.81e-03	-0.44	1.62e-04	-1.12e-04	6.04e-05
90	1	-0.02	-0.02	-0.60	1.88e-04	-2.14e-04	1.06e-04
90	5	-0.03	-0.02	-0.54	1.60e-04	-1.57e-04	9.02e-05
90	7	-0.01	-0.02	-0.46	1.40e-04	-1.52e-04	7.89e-05
90	9	-0.02	-0.01	-0.42	1.20e-04	-1.14e-04	6.77e-05
90	16	-0.04	-0.01	-0.42	9.54e-05	-1.39e-04	5.39e-05
90	21	1.83e-03	0.03	-0.46	-1.71e-05	-1.17e-04	-9.16e-06
90	22	-0.01	-0.06	-0.41	2.45e-04	-9.89e-05	1.38e-04
90	42	-8.91e-03	-0.01	-0.43	1.08e-04	-1.07e-04	6.10e-05
90	43	-8.91e-03	-0.01	-0.43	1.08e-04	-1.07e-04	6.10e-05
90	44	-8.91e-03	-0.01	-0.43	1.08e-04	-1.07e-04	6.10e-05
91	1	-9.20e-03	-0.02	-0.62	1.76e-04	-2.26e-04	9.45e-05
91	5	-0.02	-0.02	-0.56	1.30e-04	-1.98e-04	7.21e-05
91	7	-6.37e-03	-0.02	-0.47	1.32e-04	-1.60e-04	7.08e-05
91	9	-0.02	-0.01	-0.43	9.97e-05	-1.42e-04	5.51e-05
91	13	0.03	-7.56e-03	-0.45	1.07e-04	-9.45e-05	5.90e-05
91	16	-0.04	-0.01	-0.43	8.16e-05	-1.44e-04	4.11e-05
91	22	-8.31e-03	-0.06	-0.44	2.50e-04	-8.49e-05	1.35e-04
91	42	-4.32e-03	-0.01	-0.44	1.02e-04	-1.12e-04	5.41e-05
91	43	-4.32e-03	-0.01	-0.44	1.02e-04	-1.12e-04	5.41e-05
91	44	-4.32e-03	-0.01	-0.44	1.02e-04	-1.12e-04	5.41e-05
92	1	-0.02	-0.02	-0.57	1.69e-04	-1.98e-04	9.61e-05
92	5	-0.04	-0.02	-0.52	1.74e-04	-1.33e-04	9.91e-05
92	7	-0.02	-0.02	-0.44	1.24e-04	-1.41e-04	7.08e-05
92	9	-0.03	-0.01	-0.40	1.26e-04	-9.75e-05	7.22e-05
92	16	-0.05	-0.01	-0.41	7.29e-05	-1.23e-04	4.25e-05
92	22	-0.02	-0.06	-0.37	2.28e-04	-1.02e-04	1.29e-04
92	23	-6.14e-03	0.04	-0.46	-4.12e-05	-9.41e-05	-2.17e-05
92	42	-0.01	-0.01	-0.42	9.13e-05	-9.74e-05	5.22e-05
92	43	-0.01	-0.01	-0.42	9.13e-05	-9.74e-05	5.22e-05
92	44	-0.01	-0.01	-0.42	9.13e-05	-9.74e-05	5.22e-05
93	1	-0.03	-0.03	-0.57	1.83e-04	-2.58e-04	4.99e-05
93	5	-0.04	-0.02	-0.53	1.34e-04	-7.44e-05	4.68e-05
93	7	-0.03	-0.02	-0.43	1.35e-04	-1.86e-04	3.79e-05
93	9	-0.03	-0.01	-0.41	1.00e-04	-6.41e-05	3.59e-05
93	16	-0.06	-0.02	-0.40	6.94e-05	-1.97e-04	1.71e-05
93	21	-8.87e-03	0.04	-0.44	-7.62e-05	-1.45e-04	1.55e-06
93	22	-0.02	-0.08	-0.39	3.00e-04	-1.26e-04	5.70e-05
93	42	-0.02	-0.01	-0.41	9.77e-05	-1.39e-04	3.11e-05
93	43	-0.02	-0.01	-0.41	9.77e-05	-1.39e-04	3.11e-05
93	44	-0.02	-0.01	-0.41	9.77e-05	-1.39e-04	3.11e-05
94	1	-0.03	-0.02	-0.53	1.48e-04	-2.89e-04	0.0
94	5	-0.04	-0.01	-0.52	1.07e-04	-1.75e-04	2.95e-06
94	7	-0.03	-0.02	-0.41	1.10e-04	-2.07e-04	0.0
94	9	-0.03	-0.01	-0.40	8.03e-05	-1.32e-04	1.89e-06
94	16	-0.06	-0.01	-0.38	3.45e-05	-1.35e-04	0.0
94	21	-9.06e-03	0.04	-0.42	-9.55e-05	-2.01e-04	0.0
94	22	-0.02	-0.07	-0.38	2.82e-04	-1.01e-04	-2.25e-06
94	42	-0.02	-0.01	-0.40	7.69e-05	-1.49e-04	0.0
94	43	-0.02	-0.01	-0.40	7.69e-05	-1.49e-04	0.0
94	44	-0.02	-0.01	-0.40	7.69e-05	-1.49e-04	0.0
95	1	-0.03	-0.02	-0.55	1.53e-04	-3.21e-04	1.76e-06
95	5	-0.03	-0.02	-0.53	1.62e-04	-2.00e-04	5.59e-06
95	7	-0.02	-0.02	-0.42	1.15e-04	-2.30e-04	0.0
95	9	-0.02	-0.01	-0.41	1.18e-04	-1.50e-04	3.47e-06
95	16	-0.05	-0.01	-0.38	4.61e-05	-1.49e-04	-1.08e-05
95	17	0.02	-5.80e-03	-0.42	1.03e-04	-1.97e-04	1.19e-05
95	22	-0.02	-0.07	-0.41	3.05e-04	-1.04e-04	-1.95e-06
95	42	-0.02	-0.01	-0.40	8.34e-05	-1.67e-04	0.0
95	43	-0.02	-0.01	-0.40	8.34e-05	-1.67e-04	0.0
95	44	-0.02	-0.01	-0.40	8.34e-05	-1.67e-04	0.0
96	1	-0.04	-0.02	-0.51	1.40e-04	-2.46e-04	1.14e-06
96	3	-0.03	-0.02	-0.51	8.69e-05	-1.53e-04	1.47e-06
96	5	-0.04	-0.01	-0.51	5.15e-05	-1.44e-04	1.35e-05
96	7	-0.03	-0.02	-0.39	1.04e-04	-1.76e-04	0.0
96	8	-0.02	-0.01	-0.39	6.56e-05	-1.14e-04	1.19e-06
96	9	-0.03	-0.01	-0.39	4.24e-05	-1.08e-04	9.16e-06
96	16	-0.06	-0.01	-0.37	3.22e-05	-1.13e-04	0.0

96	22	-0.03	-0.07	-0.34	2.73e-04	-1.00e-04	0.0
96	23	-0.01	0.05	-0.43	-1.25e-04	-1.49e-04	1.51e-06
96	42	-0.02	-0.01	-0.38	6.99e-05	-1.24e-04	1.22e-06
96	43	-0.02	-0.01	-0.38	6.99e-05	-1.24e-04	1.22e-06
96	44	-0.02	-0.01	-0.38	6.99e-05	-1.24e-04	1.22e-06
97	1	-0.03	-0.02	-0.50	1.18e-04	-1.97e-04	4.78e-05
97	3	-0.02	-0.01	-0.50	7.68e-05	-1.31e-04	3.67e-05
97	5	-0.04	-9.40e-03	-0.49	8.94e-05	-2.26e-04	4.38e-05
97	7	-0.02	-0.01	-0.38	8.96e-05	-1.43e-04	3.62e-05
97	8	-0.02	-6.52e-03	-0.39	5.84e-05	-9.88e-05	2.93e-05
97	9	-0.03	-6.02e-03	-0.38	6.74e-05	-1.62e-04	3.36e-05
97	16	-0.05	-0.01	-0.36	3.53e-05	-1.38e-04	1.01e-05
97	21	-8.81e-03	0.04	-0.39	-1.41e-04	-1.27e-04	1.21e-06
97	22	-0.02	-0.06	-0.36	2.99e-04	-7.83e-05	5.34e-05
97	42	-0.02	-6.84e-03	-0.38	6.23e-05	-1.05e-04	2.91e-05
97	43	-0.02	-6.84e-03	-0.38	6.23e-05	-1.05e-04	2.91e-05
97	44	-0.02	-6.84e-03	-0.38	6.23e-05	-1.05e-04	2.91e-05
98	1	-0.04	-0.02	-0.49	9.25e-05	-7.84e-05	5.33e-05
98	3	-0.03	-0.01	-0.50	5.99e-05	-5.32e-05	3.39e-05
98	5	-0.05	-0.01	-0.47	6.79e-05	-3.52e-06	4.04e-05
98	7	-0.03	-0.01	-0.37	6.93e-05	-5.94e-05	3.99e-05
98	8	-0.02	-7.22e-03	-0.38	4.53e-05	-4.27e-05	2.55e-05
98	9	-0.03	-6.91e-03	-0.36	5.11e-05	-9.28e-06	3.01e-05
98	16	-0.06	-0.01	-0.35	3.41e-05	-6.71e-05	8.92e-06
98	17	0.02	-5.51e-04	-0.39	4.55e-05	-1.46e-05	3.70e-05
98	22	-0.03	-0.08	-0.36	2.33e-04	-2.64e-05	1.38e-04
98	42	-0.02	-7.90e-03	-0.37	4.80e-05	-4.50e-05	2.74e-05
98	43	-0.02	-7.90e-03	-0.37	4.80e-05	-4.50e-05	2.74e-05
98	44	-0.02	-7.90e-03	-0.37	4.80e-05	-4.50e-05	2.74e-05
99	1	-0.04	-0.02	-0.50	1.01e-04	-8.98e-05	8.77e-05
99	3	-0.02	-0.01	-0.50	6.85e-05	-6.37e-05	7.23e-05
99	5	-0.04	-0.01	-0.48	7.11e-06	-2.04e-05	6.12e-05
99	7	-0.03	-0.01	-0.38	7.62e-05	-6.90e-05	6.60e-05
99	8	-0.02	-7.23e-03	-0.39	5.26e-05	-5.19e-05	5.40e-05
99	9	-0.03	-6.93e-03	-0.37	1.18e-05	-2.25e-05	4.74e-05
99	16	-0.06	-0.01	-0.36	0.0	-7.87e-05	1.11e-04
99	22	-0.02	-0.08	-0.40	2.33e-04	-3.31e-05	1.87e-04
99	42	-0.02	-7.91e-03	-0.38	5.58e-05	-5.41e-05	5.43e-05
99	43	-0.02	-7.91e-03	-0.38	5.58e-05	-5.41e-05	5.43e-05
99	44	-0.02	-7.91e-03	-0.38	5.58e-05	-5.41e-05	5.43e-05
100	1	-0.05	-0.02	-0.47	6.14e-05	-7.63e-05	5.41e-05
100	3	-0.03	-0.01	-0.49	2.91e-05	-5.42e-05	3.12e-05
100	5	-0.05	-0.01	-0.46	8.49e-05	-4.94e-06	9.05e-05
100	7	-0.03	-0.01	-0.36	4.54e-05	-5.73e-05	3.99e-05
100	8	-0.02	-7.22e-03	-0.38	2.16e-05	-4.24e-05	2.32e-05
100	9	-0.04	-6.91e-03	-0.36	5.92e-05	-9.50e-06	6.30e-05
100	16	-0.06	-0.01	-0.35	3.88e-06	-8.50e-05	1.86e-05
100	22	-0.03	-0.08	-0.33	2.08e-04	-3.53e-05	1.41e-04
100	23	-0.02	0.06	-0.40	-1.52e-04	-5.36e-05	-8.77e-05
100	42	-0.02	-7.90e-03	-0.37	2.47e-05	-4.42e-05	2.48e-05
100	43	-0.02	-7.90e-03	-0.37	2.47e-05	-4.42e-05	2.48e-05
100	44	-0.02	-7.90e-03	-0.37	2.47e-05	-4.42e-05	2.48e-05
101	1	-0.05	-0.02	-0.47	9.23e-05	-7.07e-05	3.13e-05
101	3	-0.03	-0.01	-0.49	5.59e-05	-5.08e-05	2.38e-05
101	7	-0.04	-0.02	-0.36	6.83e-05	-5.37e-05	2.28e-05
101	8	-0.03	-8.12e-03	-0.37	4.03e-05	-4.04e-05	1.80e-05
101	16	-0.07	-0.01	-0.34	3.63e-05	-8.19e-05	1.25e-05
101	17	0.01	-3.92e-04	-0.38	3.39e-05	1.24e-05	2.18e-05
101	22	-0.03	-0.10	-0.36	2.94e-04	-2.89e-05	4.79e-05
101	42	-0.03	-9.14e-03	-0.36	4.42e-05	-3.98e-05	1.77e-05
101	43	-0.03	-9.14e-03	-0.36	4.42e-05	-3.98e-05	1.77e-05
101	44	-0.03	-9.14e-03	-0.36	4.42e-05	-3.98e-05	1.77e-05
102	1	-0.05	-0.02	-0.47	9.02e-05	-7.58e-05	0.0
102	5	-0.04	-8.25e-03	-0.52	6.07e-05	4.67e-05	0.0
102	7	-0.04	-0.01	-0.36	6.61e-05	-5.70e-05	0.0
102	9	-0.03	-5.04e-03	-0.39	4.37e-05	2.49e-05	0.0
102	16	-0.07	-0.01	-0.34	4.52e-05	-3.76e-05	0.0
102	17	0.01	3.05e-03	-0.38	2.41e-05	-4.08e-05	0.0
102	22	-0.03	-0.09	-0.36	3.01e-04	-1.95e-05	0.0
102	42	-0.03	-6.40e-03	-0.36	4.31e-05	-4.23e-05	0.0
102	43	-0.03	-6.40e-03	-0.36	4.31e-05	-4.23e-05	0.0
102	44	-0.03	-6.40e-03	-0.36	4.31e-05	-4.23e-05	0.0
103	1	-0.05	-0.02	-0.48	1.35e-04	-8.67e-05	0.0
103	5	-0.04	-8.32e-03	-0.52	1.61e-04	2.32e-05	0.0
103	7	-0.03	-0.01	-0.37	1.01e-04	-6.54e-05	0.0
103	9	-0.03	-5.09e-03	-0.40	1.15e-04	8.15e-06	0.0
103	16	-0.07	-0.01	-0.35	8.23e-05	-5.12e-05	0.0

103	22	-0.02	-0.09	-0.39	3.43e-04	-2.59e-05	0.0
103	42	-0.03	-6.46e-03	-0.37	7.70e-05	-4.89e-05	0.0
103	43	-0.03	-6.46e-03	-0.37	7.70e-05	-4.89e-05	0.0
103	44	-0.03	-6.46e-03	-0.37	7.70e-05	-4.89e-05	0.0
104	1	-0.05	-0.02	-0.46	4.79e-05	-8.01e-05	0.0
104	5	-0.04	-8.19e-03	-0.51	-3.84e-05	2.81e-05	0.0
104	7	-0.04	-0.01	-0.35	3.34e-05	-5.98e-05	0.0
104	9	-0.03	-4.99e-03	-0.39	-2.70e-05	1.24e-05	0.0
104	16	-0.07	-0.01	-0.34	1.28e-05	-5.80e-05	0.0
104	22	-0.04	-0.09	-0.32	2.76e-04	-2.85e-05	0.0
104	23	-0.02	0.07	-0.39	-2.46e-04	-6.26e-05	0.0
104	42	-0.03	-6.35e-03	-0.36	1.01e-05	-4.53e-05	0.0
104	43	-0.03	-6.35e-03	-0.36	1.01e-05	-4.53e-05	0.0
104	44	-0.03	-6.35e-03	-0.36	1.01e-05	-4.53e-05	0.0
105	1	-0.05	-0.01	-0.44	8.21e-05	-1.50e-04	0.0
105	5	-0.04	-4.31e-03	-0.50	5.50e-05	-1.23e-04	0.0
105	7	-0.04	-8.71e-03	-0.34	6.00e-05	-1.14e-04	0.0
105	9	-0.03	-2.09e-03	-0.38	3.94e-05	-9.56e-05	0.0
105	16	-0.07	-0.01	-0.33	4.49e-05	-1.29e-04	0.0
105	17	0.01	6.55e-03	-0.37	1.87e-05	-5.60e-05	0.0
105	22	-0.03	-0.08	-0.34	2.83e-04	-8.21e-05	0.0
105	42	-0.03	-3.69e-03	-0.35	3.91e-05	-9.63e-05	0.0
105	43	-0.03	-3.69e-03	-0.35	3.91e-05	-9.63e-05	0.0
105	44	-0.03	-3.69e-03	-0.35	3.91e-05	-9.63e-05	0.0
106	1	-4.97e-03	0.05	-0.49	4.58e-04	-1.88e-04	4.32e-05
106	5	-6.90e-03	0.04	-0.45	3.75e-04	-1.73e-04	3.12e-05
106	7	-4.23e-03	0.04	-0.37	3.37e-04	-1.38e-04	3.23e-05
106	9	-5.41e-03	0.03	-0.35	2.82e-04	-1.28e-04	2.41e-05
106	21	3.11e-04	0.03	-0.39	1.99e-04	-1.58e-04	1.83e-05
106	23	-4.18e-04	0.03	-0.39	1.95e-04	-1.61e-04	1.87e-05
106	24	-8.59e-03	0.03	-0.31	3.65e-04	-7.45e-05	2.96e-05
106	42	-4.15e-03	0.03	-0.35	2.80e-04	-1.18e-04	2.39e-05
106	43	-4.15e-03	0.03	-0.35	2.80e-04	-1.18e-04	2.39e-05
106	44	-4.15e-03	0.03	-0.35	2.80e-04	-1.18e-04	2.39e-05
107	1	-5.09e-03	0.03	-0.56	2.37e-04	-2.80e-04	3.79e-05
107	5	-7.01e-03	0.03	-0.52	1.82e-04	-2.55e-04	2.66e-05
107	7	-4.31e-03	0.03	-0.43	1.73e-04	-2.07e-04	2.84e-05
107	9	-5.49e-03	0.02	-0.40	1.36e-04	-1.91e-04	2.06e-05
107	21	2.14e-04	0.03	-0.46	-3.09e-06	-2.40e-04	1.41e-05
107	23	-5.16e-04	0.03	-0.46	-4.29e-06	-2.44e-04	1.45e-05
107	24	-8.64e-03	0.02	-0.34	2.76e-04	-1.19e-04	2.73e-05
107	42	-4.22e-03	0.02	-0.40	1.35e-04	-1.81e-04	2.06e-05
107	43	-4.22e-03	0.02	-0.40	1.35e-04	-1.81e-04	2.06e-05
107	44	-4.22e-03	0.02	-0.40	1.35e-04	-1.81e-04	2.06e-05
108	1	4.90e-03	0.03	-0.64	2.14e-04	1.78e-05	3.27e-05
108	7	3.20e-03	0.03	-0.48	1.54e-04	1.48e-05	2.48e-05
108	16	-6.16e-03	0.02	-0.46	9.89e-05	-2.98e-05	5.68e-06
108	17	7.71e-03	0.02	-0.42	1.40e-04	6.37e-05	2.53e-05
108	21	2.94e-03	0.03	-0.46	2.05e-05	2.17e-05	9.77e-06
108	42	8.00e-04	0.02	-0.44	1.16e-04	1.63e-05	1.73e-05
108	43	8.00e-04	0.02	-0.44	1.16e-04	1.63e-05	1.73e-05
108	44	8.00e-04	0.02	-0.44	1.16e-04	1.63e-05	1.73e-05
109	1	5.02e-03	0.05	-0.65	4.22e-04	6.37e-06	2.29e-05
109	7	3.28e-03	0.04	-0.49	3.10e-04	7.33e-06	1.76e-05
109	17	7.84e-03	0.03	-0.44	2.75e-04	5.60e-05	1.85e-05
109	19	2.66e-03	0.03	-0.47	2.00e-04	1.80e-05	2.63e-06
109	21	3.04e-03	0.03	-0.47	2.01e-04	2.15e-05	2.40e-06
109	42	8.55e-04	0.03	-0.45	2.57e-04	1.28e-05	1.13e-05
109	43	8.55e-04	0.03	-0.45	2.57e-04	1.28e-05	1.13e-05
109	44	8.55e-04	0.03	-0.45	2.57e-04	1.28e-05	1.13e-05
110	1	5.23e-03	0.05	-0.63	2.40e-04	-2.56e-05	2.52e-05
110	7	3.43e-03	0.04	-0.48	1.74e-04	-1.52e-05	1.90e-05
110	17	8.02e-03	0.04	-0.45	1.51e-04	3.68e-05	2.18e-05
110	21	3.17e-03	0.03	-0.46	3.66e-05	5.98e-06	3.34e-06
110	42	9.64e-04	0.03	-0.44	1.33e-04	-2.93e-06	1.16e-05
110	43	9.64e-04	0.03	-0.44	1.33e-04	-2.93e-06	1.16e-05
110	44	9.64e-04	0.03	-0.44	1.33e-04	-2.93e-06	1.16e-05
111	1	-1.15e-03	0.05	-0.58	2.27e-04	1.69e-04	2.03e-05
111	5	-4.28e-03	0.04	-0.53	1.76e-04	1.37e-04	1.06e-05
111	7	-1.37e-03	0.04	-0.44	1.64e-04	1.30e-04	1.55e-05
111	9	-3.37e-03	0.03	-0.41	1.30e-04	1.09e-04	8.76e-06
111	16	-6.14e-03	0.03	-0.41	1.09e-04	8.88e-05	-2.43e-06
111	17	2.52e-03	0.04	-0.42	1.42e-04	1.66e-04	1.78e-05
111	21	1.78e-03	0.03	-0.46	2.53e-05	1.64e-04	0.0
111	42	-2.10e-03	0.03	-0.41	1.25e-04	1.26e-04	9.05e-06
111	43	-2.10e-03	0.03	-0.41	1.25e-04	1.26e-04	9.05e-06
111	44	-2.10e-03	0.03	-0.41	1.25e-04	1.26e-04	9.05e-06

112	1	9.99e-03	0.05	-0.79	3.58e-04	1.34e-04	3.51e-05
112	7	7.39e-03	0.04	-0.59	2.61e-04	1.03e-04	2.67e-05
112	11	0.01	0.03	-0.54	2.30e-04	1.39e-04	2.58e-05
112	17	0.01	0.03	-0.53	2.33e-04	1.45e-04	2.59e-05
112	21	9.22e-04	0.03	-0.53	1.76e-04	1.29e-04	1.06e-05
112	42	2.93e-03	0.03	-0.53	2.13e-04	1.03e-04	1.89e-05
112	43	2.93e-03	0.03	-0.53	2.13e-04	1.03e-04	1.89e-05
112	44	2.93e-03	0.03	-0.53	2.13e-04	1.03e-04	1.89e-05
113	1	9.73e-03	0.03	-0.73	3.22e-04	1.72e-04	2.47e-05
113	7	7.20e-03	0.02	-0.55	2.33e-04	1.31e-04	1.92e-05
113	16	-8.38e-03	0.02	-0.51	1.70e-04	8.48e-05	2.31e-06
113	17	0.01	0.02	-0.48	2.02e-04	1.67e-04	1.88e-05
113	21	7.49e-04	0.03	-0.48	1.39e-04	1.58e-04	3.47e-06
113	42	2.77e-03	0.02	-0.49	1.81e-04	1.26e-04	1.28e-05
113	43	2.77e-03	0.02	-0.49	1.81e-04	1.26e-04	1.28e-05
113	44	2.77e-03	0.02	-0.49	1.81e-04	1.26e-04	1.28e-05
114	1	-1.27e-03	0.05	-0.53	4.76e-04	1.82e-05	2.92e-05
114	5	-4.38e-03	0.04	-0.49	3.91e-04	7.73e-06	1.80e-05
114	7	-1.46e-03	0.04	-0.40	3.51e-04	1.70e-05	2.20e-05
114	9	-3.44e-03	0.03	-0.38	2.94e-04	9.82e-06	1.42e-05
114	16	-6.21e-03	0.03	-0.39	2.82e-04	-1.74e-05	2.47e-06
114	19	1.28e-03	0.03	-0.41	2.16e-04	2.93e-05	7.39e-06
114	21	1.67e-03	0.03	-0.41	2.17e-04	3.17e-05	7.38e-06
114	42	-2.18e-03	0.03	-0.38	2.92e-04	2.36e-05	1.45e-05
114	43	-2.18e-03	0.03	-0.38	2.92e-04	2.36e-05	1.45e-05
114	44	-2.18e-03	0.03	-0.38	2.92e-04	2.36e-05	1.45e-05
115	1	5.71e-04	0.03	-0.61	2.16e-04	-1.16e-04	2.64e-05
115	6	-3.46e-03	0.02	-0.42	1.17e-04	-8.47e-05	1.15e-05
115	7	-6.70e-05	0.03	-0.46	1.57e-04	-8.46e-05	1.99e-05
115	9	-2.67e-03	0.02	-0.43	1.21e-04	-8.13e-05	1.23e-05
115	16	-6.42e-03	0.02	-0.45	1.01e-04	-1.23e-04	0.0
115	21	1.85e-03	0.03	-0.46	-8.64e-06	-9.49e-05	6.03e-06
115	23	1.18e-03	0.03	-0.46	-1.01e-05	-1.01e-04	6.37e-06
115	42	-1.35e-03	0.02	-0.42	1.20e-04	-7.22e-05	1.27e-05
115	43	-1.35e-03	0.02	-0.42	1.20e-04	-7.22e-05	1.27e-05
115	44	-1.35e-03	0.02	-0.42	1.20e-04	-7.22e-05	1.27e-05
116	1	0.01	0.02	-0.77	2.17e-04	0.0	2.43e-05
116	7	8.04e-03	0.02	-0.58	1.62e-04	0.0	1.97e-05
116	16	-0.01	0.02	-0.53	1.38e-04	0.0	6.89e-06
116	17	0.02	0.01	-0.50	1.46e-04	0.0	2.05e-05
116	21	2.77e-03	0.02	-0.51	5.60e-06	0.0	-7.15e-06
116	42	4.13e-03	0.01	-0.51	1.38e-04	0.0	1.57e-05
116	43	4.13e-03	0.01	-0.51	1.38e-04	0.0	1.57e-05
116	44	4.13e-03	0.01	-0.51	1.38e-04	0.0	1.57e-05
117	1	0.01	0.02	-0.77	2.20e-04	3.39e-06	2.88e-05
117	7	9.54e-03	0.02	-0.58	1.63e-04	2.59e-06	2.30e-05
117	16	-9.10e-03	0.02	-0.53	1.35e-04	1.97e-06	1.01e-05
117	17	0.02	0.01	-0.51	1.46e-04	2.64e-06	2.39e-05
117	21	4.02e-03	0.02	-0.51	2.28e-05	0.0	-5.48e-06
117	42	5.34e-03	0.01	-0.52	1.37e-04	2.33e-06	1.88e-05
117	43	5.34e-03	0.01	-0.52	1.37e-04	2.33e-06	1.88e-05
117	44	5.34e-03	0.01	-0.52	1.37e-04	2.33e-06	1.88e-05
118	1	9.77e-03	0.04	-0.74	3.29e-04	1.74e-04	3.88e-05
118	7	7.23e-03	0.03	-0.56	2.38e-04	1.33e-04	2.93e-05
118	16	-8.36e-03	0.02	-0.52	1.77e-04	8.65e-05	1.15e-05
118	17	0.01	0.02	-0.49	2.08e-04	1.69e-04	2.86e-05
118	21	7.69e-04	0.03	-0.49	1.46e-04	1.60e-04	1.47e-05
118	42	2.79e-03	0.02	-0.50	1.87e-04	1.28e-04	2.16e-05
118	43	2.79e-03	0.02	-0.50	1.87e-04	1.28e-04	2.16e-05
118	44	2.79e-03	0.02	-0.50	1.87e-04	1.28e-04	2.16e-05
119	1	0.01	0.01	-0.78	1.46e-04	0.0	3.42e-05
119	7	8.15e-03	8.42e-03	-0.59	1.13e-04	0.0	2.75e-05
119	16	-0.01	8.89e-03	-0.54	1.09e-04	0.0	1.46e-05
119	17	0.02	6.65e-03	-0.51	1.07e-04	0.0	2.79e-05
119	21	4.26e-03	0.03	-0.52	-8.00e-05	0.0	-6.70e-06
119	42	5.00e-03	7.16e-03	-0.52	1.05e-04	0.0	2.34e-05
119	43	5.00e-03	7.16e-03	-0.52	1.05e-04	0.0	2.34e-05
119	44	5.00e-03	7.16e-03	-0.52	1.05e-04	0.0	2.34e-05
120	1	0.01	0.01	-0.79	1.52e-04	0.0	3.38e-05
120	7	0.01	0.01	-0.59	1.16e-04	0.0	2.74e-05
120	16	-0.01	9.88e-03	-0.54	1.07e-04	0.0	1.51e-05
120	17	0.02	8.61e-03	-0.52	1.08e-04	0.0	2.84e-05
120	21	6.27e-03	0.03	-0.52	-5.76e-05	-3.45e-06	-1.23e-05
120	42	6.90e-03	8.77e-03	-0.53	1.04e-04	0.0	2.37e-05
120	43	6.90e-03	8.77e-03	-0.53	1.04e-04	0.0	2.37e-05
120	44	6.90e-03	8.77e-03	-0.53	1.04e-04	0.0	2.37e-05
121	1	0.01	6.16e-03	-0.80	1.06e-04	0.0	2.80e-05

121	7	9.21e-03	3.44e-03	-0.60	8.52e-05	0.0	2.39e-05
121	16	-0.01	3.86e-03	-0.55	8.81e-05	0.0	1.46e-05
121	17	0.02	1.81e-03	-0.52	8.53e-05	0.0	2.58e-05
121	21	6.85e-03	0.03	-0.52	-1.31e-04	0.0	-2.09e-05
121	42	6.78e-03	2.33e-03	-0.53	8.50e-05	0.0	2.27e-05
121	43	6.78e-03	2.33e-03	-0.53	8.50e-05	0.0	2.27e-05
121	44	6.78e-03	2.33e-03	-0.53	8.50e-05	0.0	2.27e-05
122	1	0.01	8.16e-03	-0.80	1.17e-04	-1.88e-06	2.80e-05
122	7	0.01	5.14e-03	-0.60	9.18e-05	-1.05e-06	2.42e-05
122	16	-0.01	4.86e-03	-0.55	8.93e-05	0.0	1.45e-05
122	17	0.03	3.64e-03	-0.52	8.91e-05	0.0	2.66e-05
122	21	8.79e-03	0.03	-0.53	-1.06e-04	-5.08e-06	-2.99e-05
122	42	8.64e-03	3.91e-03	-0.53	8.69e-05	0.0	2.30e-05
122	43	8.64e-03	3.91e-03	-0.53	8.69e-05	0.0	2.30e-05
122	44	8.64e-03	3.91e-03	-0.53	8.69e-05	0.0	2.30e-05
123	1	0.01	1.14e-03	-0.81	9.33e-05	0.0	1.48e-05
123	6	6.32e-03	-2.80e-03	-0.53	8.10e-05	0.0	1.91e-05
123	7	0.01	-6.38e-04	-0.60	7.62e-05	0.0	1.53e-05
123	9	7.38e-03	-2.37e-03	-0.54	7.97e-05	0.0	1.86e-05
123	16	-0.02	-2.83e-04	-0.56	7.34e-05	0.0	1.06e-05
123	17	0.03	-2.40e-03	-0.52	8.06e-05	0.0	1.93e-05
123	24	8.54e-03	-0.04	-0.54	3.06e-04	0.0	7.34e-05
123	42	9.13e-03	-1.77e-03	-0.54	7.62e-05	0.0	1.81e-05
123	43	9.13e-03	-1.77e-03	-0.54	7.62e-05	0.0	1.81e-05
123	44	9.13e-03	-1.77e-03	-0.54	7.62e-05	0.0	1.81e-05
124	1	0.02	2.43e-03	-0.81	1.08e-04	-2.61e-06	1.66e-05
124	7	0.01	6.17e-04	-0.61	8.56e-05	-1.57e-06	1.70e-05
124	9	9.05e-03	-9.40e-04	-0.54	8.42e-05	0.0	1.97e-05
124	16	-0.01	5.38e-04	-0.56	7.83e-05	-1.25e-06	1.02e-05
124	17	0.03	-8.41e-04	-0.53	8.65e-05	0.0	2.17e-05
124	24	0.01	-0.04	-0.55	2.95e-04	3.88e-06	8.96e-05
124	42	0.01	-3.85e-04	-0.54	8.08e-05	0.0	1.92e-05
124	43	0.01	-3.85e-04	-0.54	8.08e-05	0.0	1.92e-05
124	44	0.01	-3.85e-04	-0.54	8.08e-05	0.0	1.92e-05
125	1	0.02	-3.90e-03	-0.82	1.06e-04	0.0	0.0
125	6	9.10e-03	-6.92e-03	-0.54	7.99e-05	0.0	1.32e-05
125	7	0.01	-4.71e-03	-0.61	8.45e-05	0.0	5.32e-06
125	9	0.01	-6.45e-03	-0.55	7.98e-05	0.0	1.24e-05
125	16	-0.02	-3.78e-03	-0.56	6.26e-05	0.0	4.69e-06
125	17	0.04	-6.77e-03	-0.53	9.15e-05	0.0	1.16e-05
125	24	0.01	-0.06	-0.55	3.00e-04	0.0	6.82e-05
125	42	0.01	-5.68e-03	-0.54	7.69e-05	0.0	1.18e-05
125	43	0.01	-5.68e-03	-0.54	7.69e-05	0.0	1.18e-05
125	44	0.01	-5.68e-03	-0.54	7.69e-05	0.0	1.18e-05
126	1	0.02	-3.40e-03	-0.82	1.21e-04	-2.61e-06	3.58e-06
126	6	0.01	-5.75e-03	-0.54	8.58e-05	0.0	1.50e-05
126	7	0.01	-3.98e-03	-0.61	9.42e-05	-1.64e-06	8.44e-06
126	9	0.01	-5.32e-03	-0.55	8.61e-05	0.0	1.43e-05
126	16	-0.01	-3.31e-03	-0.56	7.04e-05	-1.85e-06	3.29e-06
126	17	0.04	-5.55e-03	-0.54	9.76e-05	0.0	1.60e-05
126	24	0.01	-0.05	-0.55	3.08e-04	2.52e-06	9.78e-05
126	42	0.01	-4.60e-03	-0.55	8.33e-05	0.0	1.37e-05
126	43	0.01	-4.60e-03	-0.55	8.33e-05	0.0	1.37e-05
126	44	0.01	-4.60e-03	-0.55	8.33e-05	0.0	1.37e-05
127	1	0.02	-0.01	-0.83	1.45e-04	0.0	-1.13e-05
127	3	0.02	-0.01	-0.74	1.17e-04	0.0	1.87e-06
127	5	0.02	-0.01	-0.73	1.12e-04	0.0	2.23e-06
127	7	0.02	-9.63e-03	-0.62	1.09e-04	0.0	-3.57e-06
127	8	0.02	-0.01	-0.56	9.23e-05	0.0	5.77e-06
127	9	0.01	-0.01	-0.55	8.67e-05	0.0	5.29e-06
127	16	-0.01	-6.76e-03	-0.57	5.28e-05	0.0	-2.17e-06
127	17	0.04	-0.01	-0.54	1.18e-04	0.0	4.41e-06
127	24	0.01	-0.07	-0.56	2.82e-04	0.0	3.78e-05
127	42	0.02	-9.83e-03	-0.55	8.51e-05	0.0	4.83e-06
127	43	0.02	-9.83e-03	-0.55	8.51e-05	0.0	4.83e-06
127	44	0.02	-9.83e-03	-0.55	8.51e-05	0.0	4.83e-06
128	1	0.02	-0.01	-0.83	1.54e-04	-1.51e-06	-6.62e-06
128	3	0.02	-0.01	-0.74	1.27e-04	-1.30e-06	4.57e-06
128	5	0.02	-0.01	-0.73	1.21e-04	-1.21e-06	5.00e-06
128	7	0.02	-9.37e-03	-0.62	1.17e-04	0.0	1.41e-06
128	8	0.02	-9.58e-03	-0.56	1.00e-04	0.0	9.95e-06
128	9	0.01	-9.96e-03	-0.55	9.46e-05	0.0	8.87e-06
128	16	-0.01	-6.76e-03	-0.57	6.31e-05	-2.18e-06	-5.02e-06
128	17	0.04	-0.01	-0.54	1.22e-04	0.0	1.25e-05
128	24	0.01	-0.07	-0.56	3.19e-04	3.61e-06	9.88e-05
128	42	0.02	-9.13e-03	-0.55	9.28e-05	0.0	8.30e-06
128	43	0.02	-9.13e-03	-0.55	9.28e-05	0.0	8.30e-06

128	44	0.02	-9.13e-03	-0.55	9.28e-05	0.0	8.30e-06
129	1	0.02	-0.02	-0.84	2.09e-04	-1.06e-04	-4.85e-06
129	3	0.02	-0.02	-0.75	1.50e-04	-5.43e-05	2.42e-06
129	7	0.02	-0.02	-0.63	1.52e-04	-7.65e-05	2.34e-06
129	8	0.02	-0.02	-0.56	1.15e-04	-4.22e-05	8.60e-06
129	16	-0.01	-9.81e-03	-0.57	5.45e-05	-6.63e-05	-1.19e-05
129	17	0.05	-0.02	-0.55	1.58e-04	-1.98e-05	1.85e-05
129	24	0.01	-0.09	-0.56	2.89e-04	-5.10e-05	1.09e-04
129	42	0.02	-0.01	-0.56	1.06e-04	-4.68e-05	7.00e-06
129	43	0.02	-0.01	-0.56	1.06e-04	-4.68e-05	7.00e-06
129	44	0.02	-0.01	-0.56	1.06e-04	-4.68e-05	7.00e-06
130	1	0.01	0.03	-0.78	2.27e-04	-2.03e-06	5.92e-05
130	7	0.01	0.02	-0.58	1.67e-04	-1.67e-06	4.47e-05
130	16	-8.67e-03	0.02	-0.54	1.35e-04	-2.19e-06	2.64e-05
130	17	0.02	0.02	-0.52	1.49e-04	-1.40e-06	4.31e-05
130	21	4.49e-03	0.03	-0.52	4.31e-05	2.66e-06	2.05e-05
130	42	5.83e-03	0.02	-0.52	1.38e-04	-1.77e-06	3.59e-05
130	43	5.83e-03	0.02	-0.52	1.38e-04	-1.77e-06	3.59e-05
130	44	5.83e-03	0.02	-0.52	1.38e-04	-1.77e-06	3.59e-05
131	1	9.82e-03	0.04	-0.76	3.36e-04	1.65e-04	4.86e-05
131	7	7.26e-03	0.03	-0.57	2.44e-04	1.26e-04	3.63e-05
131	16	-8.33e-03	0.02	-0.52	1.83e-04	8.12e-05	1.77e-05
131	17	0.01	0.03	-0.50	2.14e-04	1.64e-04	3.53e-05
131	21	7.95e-04	0.03	-0.50	1.53e-04	1.54e-04	2.23e-05
131	42	2.82e-03	0.02	-0.51	1.93e-04	1.23e-04	2.76e-05
131	43	2.82e-03	0.02	-0.51	1.93e-04	1.23e-04	2.76e-05
131	44	2.82e-03	0.02	-0.51	1.93e-04	1.23e-04	2.76e-05
132	1	0.02	0.02	-0.79	1.57e-04	1.11e-06	5.42e-05
132	7	0.01	0.01	-0.59	1.18e-04	0.0	4.20e-05
132	16	-9.60e-03	0.01	-0.54	1.04e-04	0.0	2.70e-05
132	17	0.02	0.01	-0.52	1.08e-04	0.0	4.15e-05
132	21	7.54e-03	0.03	-0.53	-3.16e-05	6.34e-06	0.0
132	42	8.14e-03	0.01	-0.53	1.03e-04	0.0	3.55e-05
132	43	8.14e-03	0.01	-0.53	1.03e-04	0.0	3.55e-05
132	44	8.14e-03	0.01	-0.53	1.03e-04	0.0	3.55e-05
133	1	0.02	0.01	-0.80	1.28e-04	1.84e-06	4.18e-05
133	7	0.01	7.13e-03	-0.60	9.81e-05	0.0	3.41e-05
133	16	-0.01	6.14e-03	-0.55	9.09e-05	0.0	2.33e-05
133	17	0.03	5.77e-03	-0.53	9.24e-05	0.0	3.56e-05
133	21	0.01	0.03	-0.54	-7.09e-05	8.56e-06	-2.96e-05
133	42	0.01	5.76e-03	-0.54	8.86e-05	0.0	3.12e-05
133	43	0.01	5.76e-03	-0.54	8.86e-05	0.0	3.12e-05
133	44	0.01	5.76e-03	-0.54	8.86e-05	0.0	3.12e-05
134	1	0.02	4.09e-03	-0.81	1.25e-04	2.80e-06	2.71e-05
134	7	0.01	2.17e-03	-0.61	9.59e-05	1.54e-06	2.50e-05
134	16	-0.01	1.58e-03	-0.56	8.57e-05	0.0	1.74e-05
134	17	0.03	1.03e-03	-0.54	9.22e-05	0.0	2.93e-05
134	21	0.01	0.03	-0.54	-8.96e-05	1.11e-05	-6.64e-05
134	42	0.01	1.26e-03	-0.55	8.63e-05	0.0	2.60e-05
134	43	0.01	1.26e-03	-0.55	8.63e-05	0.0	2.60e-05
134	44	0.01	1.26e-03	-0.55	8.63e-05	0.0	2.60e-05
135	1	0.02	-2.66e-03	-0.82	1.38e-04	3.48e-06	1.08e-05
135	6	0.01	-4.33e-03	-0.54	9.22e-05	1.07e-06	2.10e-05
135	7	0.02	-2.99e-03	-0.62	1.05e-04	2.02e-06	1.48e-05
135	9	0.01	-3.96e-03	-0.55	9.31e-05	1.21e-06	2.02e-05
135	16	-0.01	-2.77e-03	-0.56	8.24e-05	2.37e-06	8.05e-06
135	17	0.04	-3.99e-03	-0.54	1.03e-04	1.02e-06	2.31e-05
135	24	0.01	-0.04	-0.56	2.78e-04	-1.06e-05	1.47e-04
135	42	0.01	-3.30e-03	-0.55	9.06e-05	1.31e-06	1.94e-05
135	43	0.01	-3.30e-03	-0.55	9.06e-05	1.31e-06	1.94e-05
135	44	0.01	-3.30e-03	-0.55	9.06e-05	1.31e-06	1.94e-05
136	1	0.02	-0.01	-0.83	1.65e-04	3.15e-06	-4.57e-06
136	3	0.02	-9.58e-03	-0.74	1.38e-04	3.44e-06	6.23e-06
136	5	0.02	-0.01	-0.73	1.31e-04	2.93e-06	7.67e-06
136	7	0.02	-8.89e-03	-0.62	1.24e-04	2.01e-06	4.85e-06
136	8	0.02	-8.48e-03	-0.56	1.07e-04	2.06e-06	1.36e-05
136	9	0.01	-8.97e-03	-0.56	1.01e-04	1.88e-06	1.25e-05
136	16	-0.01	-6.92e-03	-0.57	7.73e-05	3.78e-06	-5.02e-06
136	17	0.04	-9.79e-03	-0.55	1.22e-04	0.0	1.85e-05
136	24	0.01	-0.06	-0.56	2.88e-04	-9.77e-06	1.76e-04
136	42	0.02	-8.20e-03	-0.56	9.91e-05	1.95e-06	1.16e-05
136	43	0.02	-8.20e-03	-0.56	9.91e-05	1.95e-06	1.16e-05
136	44	0.02	-8.20e-03	-0.56	9.91e-05	1.95e-06	1.16e-05
137	1	0.02	-0.02	-0.84	2.09e-04	8.64e-05	-4.52e-06
137	3	0.02	-0.02	-0.75	1.62e-04	1.47e-04	2.19e-06
137	7	0.02	-0.02	-0.63	1.54e-04	6.92e-05	5.02e-06
137	8	0.02	-0.01	-0.57	1.24e-04	1.10e-04	1.15e-05

137	16	-0.01	-0.01	-0.57	7.20e-05	6.14e-05	-1.44e-05
137	17	0.05	-0.02	-0.55	1.52e-04	1.34e-04	2.51e-05
137	24	0.01	-0.07	-0.56	2.79e-04	5.48e-05	2.04e-04
137	42	0.02	-0.01	-0.56	1.13e-04	9.42e-05	9.47e-06
137	43	0.02	-0.01	-0.56	1.13e-04	9.42e-05	9.47e-06
137	44	0.02	-0.01	-0.56	1.13e-04	9.42e-05	9.47e-06
138	1	0.01	0.03	-0.79	2.29e-04	0.0	9.96e-05
138	7	0.01	0.02	-0.59	1.68e-04	0.0	7.38e-05
138	16	-8.04e-03	0.02	-0.54	1.33e-04	0.0	4.97e-05
138	17	0.02	0.02	-0.53	1.50e-04	0.0	6.91e-05
138	21	5.15e-03	0.03	-0.53	5.94e-05	0.0	5.30e-05
138	42	6.46e-03	0.02	-0.53	1.38e-04	0.0	5.98e-05
138	43	6.46e-03	0.02	-0.53	1.38e-04	0.0	5.98e-05
138	44	6.46e-03	0.02	-0.53	1.38e-04	0.0	5.98e-05
139	1	9.87e-03	0.04	-0.77	3.43e-04	1.52e-04	5.25e-05
139	7	7.30e-03	0.03	-0.57	2.49e-04	1.17e-04	3.92e-05
139	16	-8.30e-03	0.03	-0.53	1.89e-04	7.34e-05	1.98e-05
139	17	0.01	0.03	-0.51	2.20e-04	1.57e-04	3.79e-05
139	21	8.33e-04	0.03	-0.51	1.61e-04	1.44e-04	2.50e-05
139	42	2.85e-03	0.03	-0.52	2.00e-04	1.15e-04	2.99e-05
139	43	2.85e-03	0.03	-0.52	2.00e-04	1.15e-04	2.99e-05
139	44	2.85e-03	0.03	-0.52	2.00e-04	1.15e-04	2.99e-05
140	1	0.02	0.02	-0.80	1.69e-04	0.0	7.87e-05
140	7	0.01	0.02	-0.60	1.25e-04	0.0	5.91e-05
140	16	-8.45e-03	0.01	-0.55	1.05e-04	0.0	4.07e-05
140	17	0.02	0.01	-0.53	1.13e-04	0.0	5.64e-05
140	21	8.66e-03	0.03	-0.54	1.83e-06	0.0	2.19e-05
140	42	9.24e-03	0.01	-0.54	1.06e-04	0.0	4.88e-05
140	43	9.24e-03	0.01	-0.54	1.06e-04	0.0	4.88e-05
140	44	9.24e-03	0.01	-0.54	1.06e-04	0.0	4.88e-05
141	1	0.02	0.01	-0.81	1.50e-04	0.0	5.64e-05
141	7	0.01	9.90e-03	-0.61	1.12e-04	0.0	4.39e-05
141	16	-9.66e-03	8.15e-03	-0.55	9.77e-05	0.0	3.22e-05
141	17	0.03	8.57e-03	-0.54	1.02e-04	0.0	4.38e-05
141	21	0.01	0.03	-0.54	-2.11e-05	0.0	-1.60e-05
141	42	0.01	8.22e-03	-0.54	9.64e-05	0.0	3.84e-05
141	43	0.01	8.22e-03	-0.54	9.64e-05	0.0	3.84e-05
141	44	0.01	8.22e-03	-0.54	9.64e-05	0.0	3.84e-05
142	1	0.02	6.68e-03	-0.82	1.52e-04	0.0	3.88e-05
142	7	0.02	4.40e-03	-0.61	1.13e-04	0.0	3.25e-05
142	16	-0.01	3.30e-03	-0.56	9.82e-05	0.0	2.61e-05
142	17	0.03	3.49e-03	-0.55	1.04e-04	0.0	3.51e-05
142	21	0.01	0.03	-0.55	-2.55e-05	0.0	-5.76e-05
142	42	0.01	3.46e-03	-0.55	9.72e-05	0.0	3.16e-05
142	43	0.01	3.46e-03	-0.55	9.72e-05	0.0	3.16e-05
142	44	0.01	3.46e-03	-0.55	9.72e-05	0.0	3.16e-05
143	1	0.02	-1.17e-03	-0.83	1.67e-04	0.0	2.12e-05
143	6	0.01	-2.43e-03	-0.55	1.04e-04	0.0	2.61e-05
143	7	0.02	-1.44e-03	-0.62	1.23e-04	0.0	2.15e-05
143	9	0.01	-2.10e-03	-0.56	1.06e-04	0.0	2.54e-05
143	16	-0.01	-1.67e-03	-0.57	1.02e-04	0.0	1.69e-05
143	17	0.04	-1.91e-03	-0.55	1.13e-04	0.0	2.76e-05
143	24	0.01	-0.03	-0.56	2.29e-04	0.0	1.55e-04
143	42	0.01	-1.52e-03	-0.56	1.04e-04	0.0	2.43e-05
143	43	0.01	-1.52e-03	-0.56	1.04e-04	0.0	2.43e-05
143	44	0.01	-1.52e-03	-0.56	1.04e-04	0.0	2.43e-05
144	1	0.02	-0.01	-0.84	1.87e-04	0.0	0.0
144	7	0.02	-8.08e-03	-0.63	1.38e-04	0.0	6.79e-06
144	8	0.02	-7.11e-03	-0.57	1.20e-04	0.0	1.35e-05
144	16	-0.02	-6.82e-03	-0.57	1.00e-04	0.0	0.0
144	17	0.04	-8.04e-03	-0.56	1.27e-04	0.0	1.79e-05
144	24	0.01	-0.05	-0.57	2.41e-04	0.0	1.87e-04
144	42	0.01	-7.02e-03	-0.56	1.12e-04	0.0	1.20e-05
144	43	0.01	-7.02e-03	-0.56	1.12e-04	0.0	1.20e-05
144	44	0.01	-7.02e-03	-0.56	1.12e-04	0.0	1.20e-05
145	1	0.02	-0.02	-0.85	2.09e-04	2.18e-04	-5.34e-06
145	3	0.02	-0.02	-0.77	1.74e-04	2.72e-04	0.0
145	7	0.02	-0.02	-0.64	1.56e-04	1.68e-04	3.83e-06
145	8	0.02	-0.01	-0.58	1.33e-04	2.03e-04	8.75e-06
145	16	-0.01	-0.01	-0.58	8.95e-05	1.46e-04	-1.36e-05
145	17	0.05	-0.02	-0.57	1.46e-04	2.29e-04	2.20e-05
145	24	0.01	-0.06	-0.57	2.69e-04	1.28e-04	2.17e-04
145	42	0.02	-0.01	-0.57	1.21e-04	1.83e-04	6.99e-06
145	43	0.02	-0.01	-0.57	1.21e-04	1.83e-04	6.99e-06
145	44	0.02	-0.01	-0.57	1.21e-04	1.83e-04	6.99e-06
146	1	0.02	0.04	-0.79	2.81e-04	0.0	1.45e-04
146	7	0.01	0.03	-0.60	2.06e-04	0.0	1.07e-04

146	16	-7.14e-03	0.02	-0.54	1.61e-04	0.0	7.51e-05
146	17	0.02	0.02	-0.54	1.84e-04	0.0	9.83e-05
146	21	6.11e-03	0.03	-0.54	1.06e-04	0.0	8.94e-05
146	42	7.31e-03	0.02	-0.54	1.69e-04	0.0	8.65e-05
146	43	7.31e-03	0.02	-0.54	1.69e-04	0.0	8.65e-05
146	44	7.31e-03	0.02	-0.54	1.69e-04	0.0	8.65e-05
147	1	9.94e-03	0.05	-0.78	3.51e-04	1.41e-04	4.86e-05
147	7	7.35e-03	0.03	-0.58	2.55e-04	1.09e-04	3.64e-05
147	16	-8.26e-03	0.03	-0.53	1.96e-04	6.63e-05	1.67e-05
147	17	0.01	0.03	-0.52	2.27e-04	1.50e-04	3.52e-05
147	21	8.78e-04	0.03	-0.52	1.68e-04	1.36e-04	2.16e-05
147	42	2.89e-03	0.03	-0.53	2.06e-04	1.08e-04	2.74e-05
147	43	2.89e-03	0.03	-0.53	2.06e-04	1.08e-04	2.74e-05
147	44	2.89e-03	0.03	-0.53	2.06e-04	1.08e-04	2.74e-05
148	1	0.02	0.03	-0.80	2.54e-04	0.0	7.86e-05
148	7	0.01	0.02	-0.60	1.87e-04	0.0	5.81e-05
148	16	-7.05e-03	0.02	-0.55	1.50e-04	0.0	3.71e-05
148	17	0.03	0.02	-0.54	1.68e-04	0.0	5.50e-05
148	21	0.01	0.03	-0.54	8.19e-05	0.0	3.09e-05
148	42	0.01	0.02	-0.54	1.56e-04	0.0	4.58e-05
148	43	0.01	0.02	-0.54	1.56e-04	0.0	4.58e-05
148	44	0.01	0.02	-0.54	1.56e-04	0.0	4.58e-05
149	1	0.02	0.02	-0.81	2.34e-04	0.0	4.92e-05
149	7	0.02	0.01	-0.61	1.72e-04	0.0	3.73e-05
149	16	-7.99e-03	0.01	-0.55	1.40e-04	0.0	2.54e-05
149	17	0.03	0.01	-0.55	1.55e-04	0.0	3.69e-05
149	21	0.01	0.03	-0.55	6.53e-05	0.0	-5.09e-06
149	42	0.01	0.01	-0.55	1.44e-04	0.0	3.05e-05
149	43	0.01	0.01	-0.55	1.44e-04	0.0	3.05e-05
149	44	0.01	0.01	-0.55	1.44e-04	0.0	3.05e-05
150	1	0.02	9.56e-03	-0.82	2.27e-04	0.0	3.02e-05
150	7	0.02	6.72e-03	-0.62	1.67e-04	0.0	2.41e-05
150	16	-9.66e-03	5.28e-03	-0.56	1.38e-04	0.0	2.04e-05
150	17	0.03	5.92e-03	-0.55	1.50e-04	0.0	2.56e-05
150	21	0.02	0.03	-0.56	6.26e-05	0.0	-3.65e-05
150	42	0.01	5.63e-03	-0.56	1.40e-04	0.0	2.19e-05
150	43	0.01	5.63e-03	-0.56	1.40e-04	0.0	2.19e-05
150	44	0.01	5.63e-03	-0.56	1.40e-04	0.0	2.19e-05
151	1	0.02	5.26e-04	-0.84	2.35e-04	0.0	1.61e-05
151	3	0.02	1.06e-03	-0.76	2.03e-04	0.0	1.66e-05
151	7	0.02	1.16e-04	-0.63	1.72e-04	0.0	1.45e-05
151	8	0.02	4.76e-04	-0.57	1.50e-04	0.0	1.53e-05
151	16	-0.01	-2.26e-04	-0.57	1.43e-04	0.0	1.63e-05
151	17	0.04	-3.86e-05	-0.56	1.53e-04	0.0	1.72e-05
151	25	0.02	0.02	-0.56	7.38e-05	0.0	-6.69e-05
151	42	0.02	1.33e-04	-0.56	1.44e-04	0.0	1.56e-05
151	43	0.02	1.33e-04	-0.56	1.44e-04	0.0	1.56e-05
151	44	0.02	1.33e-04	-0.56	1.44e-04	0.0	1.56e-05
152	1	0.02	-9.68e-03	-0.85	2.34e-04	0.0	1.34e-06
152	7	0.02	-7.32e-03	-0.64	1.71e-04	0.0	4.63e-06
152	16	-0.01	-6.37e-03	-0.58	1.39e-04	0.0	5.70e-06
152	17	0.04	-6.67e-03	-0.57	1.50e-04	0.0	8.39e-06
152	24	0.01	-0.03	-0.57	2.07e-04	0.0	1.22e-04
152	42	0.02	-6.03e-03	-0.57	1.42e-04	0.0	7.24e-06
152	43	0.02	-6.03e-03	-0.57	1.42e-04	0.0	7.24e-06
152	44	0.02	-6.03e-03	-0.57	1.42e-04	0.0	7.24e-06
153	1	0.02	-0.02	-0.87	2.09e-04	1.42e-04	-7.32e-06
153	3	0.02	-0.02	-0.79	1.86e-04	1.97e-04	-7.06e-06
153	7	0.02	-0.02	-0.65	1.57e-04	1.11e-04	-1.24e-06
153	8	0.02	-0.01	-0.59	1.43e-04	1.48e-04	0.0
153	16	-0.02	-0.01	-0.59	1.07e-04	8.65e-05	-9.62e-06
153	17	0.05	-0.01	-0.58	1.40e-04	1.88e-04	9.01e-06
153	24	0.01	-0.05	-0.58	2.59e-04	8.25e-05	1.50e-04
153	42	0.02	-0.01	-0.58	1.28e-04	1.31e-04	0.0
153	43	0.02	-0.01	-0.58	1.28e-04	1.31e-04	0.0
153	44	0.02	-0.01	-0.58	1.28e-04	1.31e-04	0.0
154	1	0.02	0.04	-0.80	9.06e-04	2.64e-04	6.96e-05
154	7	0.01	0.03	-0.60	6.65e-04	2.01e-04	5.19e-05
154	11	0.02	0.03	-0.54	5.96e-04	2.31e-04	4.90e-05
154	17	0.02	0.03	-0.54	5.99e-04	2.34e-04	4.95e-05
154	21	7.19e-03	0.03	-0.54	5.61e-04	2.35e-04	3.44e-05
154	42	8.28e-03	0.02	-0.54	5.60e-04	2.02e-04	3.88e-05
154	43	8.28e-03	0.02	-0.54	5.60e-04	2.02e-04	3.88e-05
154	44	8.28e-03	0.02	-0.54	5.60e-04	2.02e-04	3.88e-05
155	1	0.02	0.03	-0.80	8.49e-04	1.74e-04	5.82e-05
155	7	0.02	0.02	-0.60	6.24e-04	1.34e-04	4.36e-05
155	11	0.02	0.02	-0.55	5.58e-04	1.77e-04	4.29e-05

155	17	0.03	0.02	-0.55	5.62e-04	1.81e-04	4.27e-05
155	21	0.01	0.03	-0.55	5.11e-04	1.72e-04	2.22e-05
155	42	0.01	0.02	-0.54	5.26e-04	1.44e-04	3.23e-05
155	43	0.01	0.02	-0.54	5.26e-04	1.44e-04	3.23e-05
155	44	0.01	0.02	-0.54	5.26e-04	1.44e-04	3.23e-05
156	1	0.02	0.02	-0.81	7.39e-04	6.45e-05	2.80e-05
156	7	0.02	0.02	-0.61	5.44e-04	5.30e-05	2.15e-05
156	11	0.03	0.01	-0.55	4.85e-04	1.12e-04	2.46e-05
156	17	0.03	0.01	-0.55	4.89e-04	1.18e-04	2.32e-05
156	21	0.01	0.03	-0.55	4.23e-04	9.38e-05	-4.22e-06
156	42	0.01	0.01	-0.55	4.59e-04	7.31e-05	1.48e-05
156	43	0.01	0.01	-0.55	4.59e-04	7.31e-05	1.48e-05
156	44	0.01	0.01	-0.55	4.59e-04	7.31e-05	1.48e-05
157	1	0.02	0.01	-0.82	6.42e-04	-3.60e-05	-9.12e-06
157	7	0.02	7.66e-03	-0.62	4.74e-04	-2.14e-05	-5.91e-06
157	11	0.03	7.50e-03	-0.56	4.20e-04	5.22e-05	1.56e-06
157	17	0.04	7.01e-03	-0.56	4.25e-04	6.01e-05	-1.19e-06
157	21	0.02	0.02	-0.56	3.45e-04	2.29e-05	-3.50e-05
157	42	0.02	6.41e-03	-0.56	4.00e-04	7.69e-06	-7.61e-06
157	43	0.02	6.41e-03	-0.56	4.00e-04	7.69e-06	-7.61e-06
157	44	0.02	6.41e-03	-0.56	4.00e-04	7.69e-06	-7.61e-06
158	1	0.02	7.05e-06	-0.83	5.67e-04	-1.24e-04	-4.53e-05
158	3	0.02	4.78e-04	-0.76	5.04e-04	-6.42e-05	-4.67e-05
158	7	0.02	-1.97e-04	-0.62	4.19e-04	-8.67e-05	-3.32e-05
158	9	0.02	-3.05e-04	-0.56	3.58e-04	-5.17e-05	-2.51e-05
158	17	0.04	-5.35e-05	-0.57	3.75e-04	1.07e-05	-2.59e-05
158	21	0.02	0.02	-0.57	2.85e-04	-3.74e-05	-6.28e-05
158	24	0.02	-0.02	-0.56	4.26e-04	-6.03e-05	0.0
158	42	0.02	-7.47e-05	-0.56	3.55e-04	-4.94e-05	-3.06e-05
158	43	0.02	-7.47e-05	-0.56	3.55e-04	-4.94e-05	-3.06e-05
158	44	0.02	-7.47e-05	-0.56	3.55e-04	-4.94e-05	-3.06e-05
159	1	0.03	-0.01	-0.85	4.94e-04	-1.92e-04	-5.61e-05
159	7	0.02	-8.75e-03	-0.64	3.67e-04	-1.37e-04	-4.21e-05
159	17	0.04	-7.72e-03	-0.58	3.26e-04	-2.59e-05	-3.63e-05
159	21	0.02	0.02	-0.58	2.32e-04	-8.21e-05	-6.92e-05
159	24	0.02	-0.03	-0.57	3.91e-04	-1.05e-04	-9.35e-06
159	42	0.02	-7.20e-03	-0.57	3.12e-04	-9.37e-05	-3.85e-05
159	43	0.02	-7.20e-03	-0.57	3.12e-04	-9.37e-05	-3.85e-05
159	44	0.02	-7.20e-03	-0.57	3.12e-04	-9.37e-05	-3.85e-05
160	1	0.01	0.04	-0.77	0.0	1.10e-04	-7.08e-06
160	7	9.59e-03	0.03	-0.58	0.0	8.67e-05	-3.50e-06
160	17	0.02	0.03	-0.53	0.0	1.37e-04	0.0
160	21	5.32e-03	0.03	-0.53	0.0	1.08e-04	-2.19e-05
160	42	5.67e-03	0.03	-0.53	0.0	8.82e-05	-8.74e-06
160	43	5.67e-03	0.03	-0.53	0.0	8.82e-05	-8.74e-06
160	44	5.67e-03	0.03	-0.53	0.0	8.82e-05	-8.74e-06
161	1	8.07e-03	0.05	-0.76	3.60e-04	1.08e-04	1.81e-05
161	7	5.89e-03	0.04	-0.57	2.62e-04	8.41e-05	1.46e-05
161	17	0.01	0.03	-0.52	2.35e-04	1.27e-04	1.42e-05
161	21	6.64e-04	0.03	-0.52	1.77e-04	1.08e-04	-2.70e-06
161	42	1.95e-03	0.03	-0.52	2.15e-04	8.51e-05	8.34e-06
161	43	1.95e-03	0.03	-0.52	2.15e-04	8.51e-05	8.34e-06
161	44	1.95e-03	0.03	-0.52	2.15e-04	8.51e-05	8.34e-06
162	1	0.02	0.03	-0.78	0.0	9.74e-05	3.36e-05
162	7	0.01	0.02	-0.58	0.0	7.81e-05	2.71e-05
162	17	0.02	0.02	-0.53	0.0	1.34e-04	2.73e-05
162	21	0.01	0.03	-0.53	0.0	1.04e-04	8.25e-06
162	42	0.01	0.02	-0.53	0.0	8.23e-05	1.93e-05
162	43	0.01	0.02	-0.53	0.0	8.23e-05	1.93e-05
162	44	0.01	0.02	-0.53	0.0	8.23e-05	1.93e-05
163	1	0.02	0.02	-0.79	0.0	7.93e-05	2.00e-05
163	7	0.02	0.02	-0.59	0.0	6.49e-05	1.73e-05
163	17	0.03	0.01	-0.53	0.0	1.26e-04	1.77e-05
163	21	0.02	0.03	-0.54	0.0	9.49e-05	0.0
163	42	0.01	0.01	-0.53	0.0	7.26e-05	1.20e-05
163	43	0.01	0.01	-0.53	0.0	7.26e-05	1.20e-05
163	44	0.01	0.01	-0.53	0.0	7.26e-05	1.20e-05
164	1	0.03	0.01	-0.79	0.0	6.21e-05	-6.57e-06
164	7	0.02	9.29e-03	-0.60	0.0	5.24e-05	-2.25e-06
164	17	0.04	8.51e-03	-0.54	0.0	1.18e-04	0.0
164	21	0.02	0.03	-0.55	0.0	8.68e-05	-1.66e-05
164	42	0.02	7.86e-03	-0.54	0.0	6.41e-05	-3.77e-06
164	43	0.02	7.86e-03	-0.54	0.0	6.41e-05	-3.77e-06
164	44	0.02	7.86e-03	-0.54	0.0	6.41e-05	-3.77e-06
165	1	0.03	2.75e-03	-0.80	0.0	3.46e-05	-1.98e-05
165	3	0.03	2.99e-03	-0.73	0.0	7.11e-05	-1.93e-05
165	7	0.02	1.80e-03	-0.60	0.0	3.24e-05	-1.19e-05

165	8	0.02	1.99e-03	-0.55	0.0	5.69e-05	-1.16e-05
165	17	0.04	1.80e-03	-0.55	0.0	1.05e-04	-1.07e-05
165	21	0.02	0.02	-0.55	0.0	7.17e-05	-2.36e-05
165	25	0.02	0.02	-0.55	0.0	6.79e-05	-2.23e-05
165	42	0.02	1.69e-03	-0.54	0.0	4.92e-05	-1.07e-05
165	43	0.02	1.69e-03	-0.54	0.0	4.92e-05	-1.07e-05
165	44	0.02	1.69e-03	-0.54	0.0	4.92e-05	-1.07e-05
166	1	0.03	-8.65e-03	-0.81	0.0	-7.01e-05	2.13e-05
166	7	0.02	-6.55e-03	-0.61	0.0	-4.50e-05	1.90e-05
166	17	0.05	-5.69e-03	-0.55	0.0	4.38e-05	1.35e-05
166	21	0.03	0.02	-0.56	0.0	0.0	8.17e-06
166	24	0.02	-0.03	-0.54	0.0	-3.03e-05	2.83e-05
166	42	0.02	-5.27e-03	-0.55	0.0	-1.74e-05	1.90e-05
166	43	0.02	-5.27e-03	-0.55	0.0	-1.74e-05	1.90e-05
166	44	0.02	-5.27e-03	-0.55	0.0	-1.74e-05	1.90e-05
167	1	0.02	-0.02	-0.82	6.55e-04	-4.42e-04	3.59e-05
167	3	0.02	-0.02	-0.75	5.82e-04	-3.68e-04	4.20e-05
167	7	0.02	-0.02	-0.62	4.80e-04	-3.22e-04	3.03e-05
167	8	0.02	-0.01	-0.57	4.32e-04	-2.71e-04	3.39e-05
167	17	0.05	-0.02	-0.56	4.32e-04	-1.78e-04	1.94e-05
167	21	0.02	0.01	-0.57	4.05e-04	-2.81e-04	2.66e-05
167	24	0.01	-0.04	-0.55	4.19e-04	-2.52e-04	3.58e-05
167	42	0.02	-0.01	-0.56	4.10e-04	-2.66e-04	3.18e-05
167	43	0.02	-0.01	-0.56	4.10e-04	-2.66e-04	3.18e-05
167	44	0.02	-0.01	-0.56	4.10e-04	-2.66e-04	3.18e-05
168	1	0.01	0.04	-0.74	0.0	8.82e-05	-1.40e-06
168	7	8.23e-03	0.03	-0.56	0.0	6.99e-05	0.0
168	17	0.02	0.03	-0.51	0.0	1.23e-04	2.27e-06
168	21	5.31e-03	0.03	-0.52	0.0	8.98e-05	-1.50e-05
168	42	4.79e-03	0.03	-0.51	0.0	7.12e-05	-3.43e-06
168	43	4.79e-03	0.03	-0.51	0.0	7.12e-05	-3.43e-06
168	44	4.79e-03	0.03	-0.51	0.0	7.12e-05	-3.43e-06
169	1	7.15e-03	0.05	-0.73	3.64e-04	8.27e-05	7.99e-06
169	7	5.11e-03	0.04	-0.55	2.65e-04	6.48e-05	7.27e-06
169	17	9.71e-03	0.03	-0.50	2.38e-04	1.09e-04	7.11e-06
169	21	1.18e-03	0.03	-0.51	1.79e-04	8.60e-05	-1.03e-05
169	42	1.58e-03	0.03	-0.50	2.18e-04	6.70e-05	2.23e-06
169	43	1.58e-03	0.03	-0.50	2.18e-04	6.70e-05	2.23e-06
169	44	1.58e-03	0.03	-0.50	2.18e-04	6.70e-05	2.23e-06
170	1	0.02	0.03	-0.75	0.0	8.85e-05	3.00e-05
170	7	0.01	0.02	-0.56	0.0	7.07e-05	2.51e-05
170	17	0.02	0.02	-0.51	0.0	1.29e-04	2.20e-05
170	21	0.01	0.03	-0.52	0.0	9.20e-05	9.82e-06
170	42	8.70e-03	0.02	-0.51	0.0	7.26e-05	1.93e-05
170	43	8.70e-03	0.02	-0.51	0.0	7.26e-05	1.93e-05
170	44	8.70e-03	0.02	-0.51	0.0	7.26e-05	1.93e-05
171	1	0.02	0.02	-0.76	0.0	8.91e-05	4.76e-05
171	7	0.02	0.02	-0.57	0.0	7.15e-05	3.91e-05
171	17	0.03	0.02	-0.51	0.0	1.33e-04	3.25e-05
171	21	0.02	0.03	-0.52	0.0	9.53e-05	2.59e-05
171	42	0.01	0.01	-0.52	0.0	7.49e-05	3.35e-05
171	43	0.01	0.01	-0.52	0.0	7.49e-05	3.35e-05
171	44	0.01	0.01	-0.52	0.0	7.49e-05	3.35e-05
172	1	0.03	0.01	-0.76	0.0	7.54e-05	5.83e-05
172	7	0.02	9.33e-03	-0.57	0.0	6.17e-05	4.79e-05
172	17	0.04	8.62e-03	-0.52	0.0	1.27e-04	3.87e-05
172	21	0.02	0.03	-0.53	0.0	8.86e-05	3.82e-05
172	42	0.02	7.90e-03	-0.52	0.0	6.84e-05	4.35e-05
172	43	0.02	7.90e-03	-0.52	0.0	6.84e-05	4.35e-05
172	44	0.02	7.90e-03	-0.52	0.0	6.84e-05	4.35e-05
173	1	0.03	2.68e-03	-0.77	0.0	2.35e-05	7.27e-05
173	3	0.03	2.89e-03	-0.70	0.0	5.21e-05	7.36e-05
173	7	0.02	1.73e-03	-0.57	0.0	2.34e-05	5.96e-05
173	8	0.02	1.89e-03	-0.53	0.0	4.28e-05	5.96e-05
173	17	0.04	1.79e-03	-0.52	0.0	9.84e-05	4.77e-05
173	21	0.02	0.02	-0.53	0.0	5.42e-05	5.38e-05
173	25	0.02	0.02	-0.53	0.0	5.07e-05	5.37e-05
173	42	0.02	1.62e-03	-0.52	0.0	3.67e-05	5.66e-05
173	43	0.02	1.62e-03	-0.52	0.0	3.67e-05	5.66e-05
173	44	0.02	1.62e-03	-0.52	0.0	3.67e-05	5.66e-05
174	1	0.03	-9.10e-03	-0.77	0.0	-1.10e-04	8.25e-05
174	7	0.02	-6.91e-03	-0.58	0.0	-7.56e-05	6.79e-05
174	17	0.05	-5.99e-03	-0.52	0.0	2.11e-05	5.46e-05
174	21	0.02	0.02	-0.53	0.0	-4.04e-05	6.51e-05
174	24	0.02	-0.03	-0.52	0.0	-5.61e-05	6.90e-05
174	42	0.02	-5.59e-03	-0.52	0.0	-4.97e-05	6.72e-05
174	43	0.02	-5.59e-03	-0.52	0.0	-4.97e-05	6.72e-05

174	44	0.02	-5.59e-03	-0.52	0.0	-4.97e-05	6.72e-05
175	1	0.01	-0.02	-0.77	6.45e-04	-3.59e-04	6.12e-05
175	3	0.02	-0.02	-0.71	5.67e-04	-2.97e-04	7.41e-05
175	7	0.01	-0.02	-0.58	4.72e-04	-2.62e-04	5.28e-05
175	8	0.01	-0.02	-0.53	4.19e-04	-2.19e-04	6.08e-05
175	17	0.04	-0.02	-0.53	4.27e-04	-1.27e-04	4.01e-05
175	21	0.02	0.01	-0.54	4.12e-04	-2.22e-04	5.54e-05
175	24	8.65e-03	-0.04	-0.52	3.94e-04	-2.09e-04	5.78e-05
175	42	0.01	-0.01	-0.53	4.01e-04	-2.15e-04	5.67e-05
175	43	0.01	-0.01	-0.53	4.01e-04	-2.15e-04	5.67e-05
175	44	0.01	-0.01	-0.53	4.01e-04	-2.15e-04	5.67e-05
176	1	9.46e-03	0.04	-0.72	0.0	6.26e-05	1.50e-05
176	7	6.89e-03	0.03	-0.54	0.0	4.98e-05	1.30e-05
176	17	0.01	0.03	-0.49	0.0	1.07e-04	1.13e-05
176	21	5.21e-03	0.03	-0.50	0.0	6.84e-05	-2.53e-06
176	42	3.84e-03	0.03	-0.49	0.0	5.16e-05	8.28e-06
176	43	3.84e-03	0.03	-0.49	0.0	5.16e-05	8.28e-06
176	44	3.84e-03	0.03	-0.49	0.0	5.16e-05	8.28e-06
177	1	6.70e-03	0.05	-0.71	3.73e-04	5.72e-05	5.19e-06
177	7	4.69e-03	0.04	-0.53	2.73e-04	4.56e-05	5.18e-06
177	17	9.29e-03	0.03	-0.48	2.44e-04	9.13e-05	5.12e-06
177	21	2.04e-03	0.03	-0.49	1.82e-04	6.45e-05	-1.20e-05
177	42	1.51e-03	0.03	-0.48	2.25e-04	4.89e-05	0.0
177	43	1.51e-03	0.03	-0.48	2.25e-04	4.89e-05	0.0
177	44	1.51e-03	0.03	-0.48	2.25e-04	4.89e-05	0.0
178	1	0.01	0.03	-0.72	0.0	6.34e-05	4.71e-05
178	7	9.57e-03	0.02	-0.54	0.0	5.06e-05	3.80e-05
178	17	0.02	0.02	-0.49	0.0	1.14e-04	3.01e-05
178	21	8.84e-03	0.03	-0.50	0.0	6.99e-05	2.23e-05
178	42	6.59e-03	0.02	-0.49	0.0	5.24e-05	3.21e-05
178	43	6.59e-03	0.02	-0.49	0.0	5.24e-05	3.21e-05
178	44	6.59e-03	0.02	-0.49	0.0	5.24e-05	3.21e-05
179	1	0.02	0.02	-0.72	0.0	6.43e-05	7.87e-05
179	7	0.01	0.02	-0.54	0.0	5.16e-05	6.28e-05
179	17	0.03	0.01	-0.49	0.0	1.17e-04	4.96e-05
179	21	0.01	0.03	-0.51	0.0	7.14e-05	4.77e-05
179	42	9.51e-03	0.01	-0.50	0.0	5.43e-05	5.60e-05
179	43	9.51e-03	0.01	-0.50	0.0	5.43e-05	5.60e-05
179	44	9.51e-03	0.01	-0.50	0.0	5.43e-05	5.60e-05
180	1	0.02	0.01	-0.73	0.0	5.22e-05	1.04e-04
180	7	0.01	7.76e-03	-0.55	0.0	4.30e-05	8.27e-05
180	17	0.03	7.25e-03	-0.50	0.0	1.12e-04	6.64e-05
180	21	0.02	0.02	-0.51	0.0	6.35e-05	6.97e-05
180	42	0.01	6.52e-03	-0.50	0.0	4.80e-05	7.60e-05
180	43	0.01	6.52e-03	-0.50	0.0	4.80e-05	7.60e-05
180	44	0.01	6.52e-03	-0.50	0.0	4.80e-05	7.60e-05
181	1	0.02	8.53e-05	-0.73	0.0	7.06e-06	1.17e-04
181	3	0.02	5.65e-04	-0.67	0.0	2.82e-05	1.18e-04
181	7	0.02	-1.94e-04	-0.55	0.0	9.67e-06	9.38e-05
181	9	9.19e-03	-2.73e-04	-0.50	0.0	5.69e-06	1.05e-04
181	17	0.04	8.51e-05	-0.50	0.0	8.65e-05	7.71e-05
181	21	0.02	0.02	-0.51	0.0	3.23e-05	8.41e-05
181	24	0.01	-0.02	-0.49	0.0	1.09e-05	9.37e-05
181	42	0.01	-6.53e-05	-0.50	0.0	1.99e-05	8.87e-05
181	43	0.01	-6.53e-05	-0.50	0.0	1.99e-05	8.87e-05
181	44	0.01	-6.53e-05	-0.50	0.0	1.99e-05	8.87e-05
182	1	0.02	-0.01	-0.73	0.0	-9.80e-05	1.08e-04
182	7	0.01	-8.72e-03	-0.55	0.0	-6.85e-05	8.79e-05
182	17	0.04	-7.64e-03	-0.50	0.0	2.70e-05	7.40e-05
182	21	0.02	0.02	-0.51	0.0	-4.06e-05	8.18e-05
182	24	9.38e-03	-0.03	-0.49	0.0	-5.29e-05	9.14e-05
182	42	0.01	-7.17e-03	-0.50	0.0	-4.82e-05	8.65e-05
182	43	0.01	-7.17e-03	-0.50	0.0	-4.82e-05	8.65e-05
182	44	0.01	-7.17e-03	-0.50	0.0	-4.82e-05	8.65e-05
183	1	9.47e-03	-0.02	-0.73	5.22e-04	-2.76e-04	6.54e-05
183	3	9.77e-03	-0.02	-0.67	4.57e-04	-2.25e-04	8.04e-05
183	7	8.12e-03	-0.02	-0.55	3.81e-04	-2.01e-04	5.72e-05
183	8	8.57e-03	-0.02	-0.51	3.37e-04	-1.66e-04	6.67e-05
183	17	0.04	-0.02	-0.50	3.48e-04	-7.55e-05	4.84e-05
183	21	0.01	0.01	-0.51	3.19e-04	-1.62e-04	5.54e-05
183	24	3.88e-03	-0.04	-0.49	3.30e-04	-1.66e-04	6.84e-05
183	42	8.01e-03	-0.02	-0.50	3.22e-04	-1.65e-04	6.20e-05
183	43	8.01e-03	-0.02	-0.50	3.22e-04	-1.65e-04	6.20e-05
183	44	8.01e-03	-0.02	-0.50	3.22e-04	-1.65e-04	6.20e-05
184	1	7.46e-03	0.04	-0.69	0.0	2.96e-05	2.46e-05
184	7	5.26e-03	0.03	-0.52	0.0	2.39e-05	1.99e-05
184	17	0.01	0.03	-0.47	0.0	8.78e-05	1.70e-05

184	19	4.23e-03	0.03	-0.49	0.0	3.86e-05	4.08e-06
184	21	4.81e-03	0.03	-0.49	0.0	4.31e-05	3.36e-06
184	42	2.60e-03	0.02	-0.47	0.0	2.67e-05	1.48e-05
184	43	2.60e-03	0.02	-0.47	0.0	2.67e-05	1.48e-05
184	44	2.60e-03	0.02	-0.47	0.0	2.67e-05	1.48e-05
185	1	6.19e-03	0.05	-0.68	3.92e-04	3.18e-05	1.00e-05
185	7	4.21e-03	0.04	-0.51	2.87e-04	2.65e-05	8.55e-06
185	17	8.81e-03	0.03	-0.46	2.56e-04	7.36e-05	8.74e-06
185	19	2.45e-03	0.03	-0.48	1.88e-04	3.94e-05	-7.30e-06
185	21	2.81e-03	0.03	-0.48	1.89e-04	4.30e-05	-7.81e-06
185	42	1.38e-03	0.03	-0.47	2.37e-04	3.09e-05	3.62e-06
185	43	1.38e-03	0.03	-0.47	2.37e-04	3.09e-05	3.62e-06
185	44	1.38e-03	0.03	-0.47	2.37e-04	3.09e-05	3.62e-06
186	1	8.90e-03	0.03	-0.69	0.0	2.59e-05	5.01e-05
186	7	6.42e-03	0.02	-0.52	0.0	2.11e-05	4.00e-05
186	17	0.02	0.02	-0.47	0.0	9.15e-05	3.14e-05
186	19	6.18e-03	0.03	-0.49	0.0	3.67e-05	2.18e-05
186	21	7.01e-03	0.03	-0.49	0.0	4.17e-05	2.06e-05
186	42	3.88e-03	0.02	-0.47	0.0	2.38e-05	3.43e-05
186	43	3.88e-03	0.02	-0.47	0.0	2.38e-05	3.43e-05
186	44	3.88e-03	0.02	-0.47	0.0	2.38e-05	3.43e-05
187	1	0.01	0.02	-0.69	0.0	2.51e-05	7.92e-05
187	7	7.61e-03	0.01	-0.52	0.0	2.08e-05	6.28e-05
187	17	0.02	0.01	-0.47	0.0	9.16e-05	5.02e-05
187	19	8.12e-03	0.02	-0.49	0.0	3.53e-05	4.25e-05
187	21	9.21e-03	0.02	-0.49	0.0	4.03e-05	4.11e-05
187	42	5.21e-03	0.01	-0.48	0.0	2.42e-05	5.61e-05
187	43	5.21e-03	0.01	-0.48	0.0	2.42e-05	5.61e-05
187	44	5.21e-03	0.01	-0.48	0.0	2.42e-05	5.61e-05
188	1	0.01	8.11e-03	-0.70	0.0	2.19e-05	1.05e-04
188	7	8.71e-03	5.69e-03	-0.52	0.0	1.88e-05	8.31e-05
188	17	0.03	5.40e-03	-0.48	0.0	8.92e-05	6.88e-05
188	19	9.87e-03	0.02	-0.49	0.0	3.16e-05	6.20e-05
188	21	0.01	0.02	-0.49	0.0	3.66e-05	6.05e-05
188	42	6.50e-03	4.71e-03	-0.48	0.0	2.34e-05	7.59e-05
188	43	6.50e-03	4.71e-03	-0.48	0.0	2.34e-05	7.59e-05
188	44	6.50e-03	4.71e-03	-0.48	0.0	2.34e-05	7.59e-05
189	1	0.01	-3.49e-03	-0.70	0.0	3.75e-06	1.18e-04
189	7	9.36e-03	-2.84e-03	-0.53	0.0	5.66e-06	9.34e-05
189	17	0.03	-2.30e-03	-0.48	0.0	7.96e-05	8.06e-05
189	19	0.01	0.02	-0.49	0.0	1.80e-05	7.30e-05
189	24	2.99e-03	-0.02	-0.47	0.0	5.29e-06	1.03e-04
189	42	7.44e-03	-2.39e-03	-0.48	0.0	1.25e-05	8.71e-05
189	43	7.44e-03	-2.39e-03	-0.48	0.0	1.25e-05	8.71e-05
189	44	7.44e-03	-2.39e-03	-0.48	0.0	1.25e-05	8.71e-05
190	1	0.01	-0.01	-0.70	0.0	-5.19e-05	1.02e-04
190	7	8.60e-03	-0.01	-0.53	0.0	-3.56e-05	8.24e-05
190	17	0.04	-9.92e-03	-0.48	0.0	5.15e-05	7.50e-05
190	19	0.01	0.01	-0.49	0.0	-1.96e-05	6.43e-05
190	24	2.46e-03	-0.03	-0.47	0.0	-2.88e-05	9.68e-05
190	42	7.17e-03	-9.37e-03	-0.48	0.0	-2.31e-05	7.98e-05
190	43	7.17e-03	-9.37e-03	-0.48	0.0	-2.31e-05	7.98e-05
190	44	7.17e-03	-9.37e-03	-0.48	0.0	-2.31e-05	7.98e-05
191	1	5.05e-03	-0.02	-0.70	3.36e-04	-1.94e-04	4.86e-05
191	6	-7.60e-03	-0.02	-0.47	2.03e-04	-1.25e-04	7.33e-05
191	7	4.23e-03	-0.02	-0.52	2.44e-04	-1.41e-04	4.36e-05
191	17	0.04	-0.02	-0.48	2.25e-04	-2.42e-05	4.41e-05
191	19	7.78e-03	0.01	-0.49	1.52e-04	-1.10e-04	2.90e-05
191	24	-1.26e-03	-0.04	-0.47	2.58e-04	-1.23e-04	6.77e-05
191	42	3.77e-03	-0.02	-0.48	2.04e-04	-1.15e-04	4.77e-05
191	43	3.77e-03	-0.02	-0.48	2.04e-04	-1.15e-04	4.77e-05
191	44	3.77e-03	-0.02	-0.48	2.04e-04	-1.15e-04	4.77e-05
192	1	5.64e-03	0.04	-0.65	2.00e-04	1.06e-05	2.12e-05
192	7	3.80e-03	0.03	-0.49	1.47e-04	8.57e-06	1.68e-05
192	17	0.01	0.02	-0.45	1.30e-04	7.80e-05	1.98e-05
192	19	4.04e-03	0.03	-0.47	5.41e-05	2.77e-05	-1.78e-06
192	21	4.67e-03	0.03	-0.47	5.46e-05	3.29e-05	-2.33e-06
192	42	1.52e-03	0.02	-0.45	1.19e-04	1.07e-05	1.17e-05
192	43	1.52e-03	0.02	-0.45	1.19e-04	1.07e-05	1.17e-05
192	44	1.52e-03	0.02	-0.45	1.19e-04	1.07e-05	1.17e-05
193	1	6.10e-03	0.03	-0.66	1.66e-04	6.49e-06	1.95e-05
193	7	4.16e-03	0.02	-0.50	1.22e-04	5.39e-06	1.60e-05
193	17	0.02	0.02	-0.45	1.09e-04	7.92e-05	2.10e-05
193	19	5.44e-03	0.03	-0.47	3.67e-05	2.51e-05	-6.20e-06
193	21	6.35e-03	0.03	-0.47	3.71e-05	3.06e-05	-7.06e-06
193	42	1.98e-03	0.02	-0.46	9.93e-05	7.84e-06	1.20e-05
193	43	1.98e-03	0.02	-0.46	9.93e-05	7.84e-06	1.20e-05

193	44	1.98e-03	0.02	-0.46	9.93e-05	7.84e-06	1.20e-05
194	1	6.33e-03	0.02	-0.66	1.96e-04	3.17e-06	1.77e-05
194	7	4.38e-03	0.01	-0.50	1.44e-04	3.36e-06	1.52e-05
194	17	0.02	0.01	-0.45	1.29e-04	7.59e-05	2.23e-05
194	19	6.62e-03	0.02	-0.48	6.20e-05	2.08e-05	-1.06e-05
194	21	7.81e-03	0.02	-0.48	6.26e-05	2.61e-05	-1.18e-05
194	42	2.35e-03	0.01	-0.46	1.19e-04	6.79e-06	1.24e-05
194	43	2.35e-03	0.01	-0.46	1.19e-04	6.79e-06	1.24e-05
194	44	2.35e-03	0.01	-0.46	1.19e-04	6.79e-06	1.24e-05
195	1	6.44e-03	6.98e-03	-0.67	2.34e-04	1.05e-06	1.60e-05
195	7	4.52e-03	4.85e-03	-0.50	1.72e-04	2.25e-06	1.44e-05
195	17	0.02	4.63e-03	-0.46	1.55e-04	7.29e-05	2.36e-05
195	19	7.59e-03	0.02	-0.48	9.16e-05	1.69e-05	-1.50e-05
195	21	9.05e-03	0.02	-0.48	9.24e-05	2.20e-05	-1.65e-05
195	42	2.69e-03	3.96e-03	-0.46	1.44e-04	6.55e-06	1.27e-05
195	43	2.69e-03	3.96e-03	-0.46	1.44e-04	6.55e-06	1.27e-05
195	44	2.69e-03	3.96e-03	-0.46	1.44e-04	6.55e-06	1.27e-05
196	1	6.41e-03	-5.81e-03	-0.67	2.50e-04	-5.40e-06	1.43e-05
196	6	-7.07e-03	-4.18e-03	-0.46	1.53e-04	-2.78e-05	2.01e-05
196	7	4.59e-03	-4.55e-03	-0.51	1.84e-04	-2.19e-06	1.36e-05
196	17	0.03	-3.87e-03	-0.46	1.67e-04	6.96e-05	2.49e-05
196	19	8.34e-03	0.01	-0.48	9.77e-05	1.09e-05	-1.94e-05
196	24	-3.20e-03	-0.02	-0.45	2.13e-04	-6.34e-06	4.56e-05
196	42	3.00e-03	-3.93e-03	-0.47	1.54e-04	3.24e-06	1.31e-05
196	43	3.00e-03	-3.93e-03	-0.47	1.54e-04	3.24e-06	1.31e-05
196	44	3.00e-03	-3.93e-03	-0.47	1.54e-04	3.24e-06	1.31e-05
197	1	5.72e-03	-0.02	-0.68	1.98e-04	-3.18e-05	1.26e-05
197	6	-8.69e-03	-0.01	-0.46	1.20e-04	-4.02e-05	2.19e-05
197	7	4.17e-03	-0.01	-0.51	1.45e-04	-2.16e-05	1.28e-05
197	9	-4.75e-03	-0.01	-0.47	1.22e-04	-3.19e-05	1.91e-05
197	17	0.03	-0.01	-0.46	1.33e-04	5.97e-05	2.62e-05
197	19	8.62e-03	0.01	-0.49	3.13e-05	-5.69e-06	-2.38e-05
197	24	-3.74e-03	-0.03	-0.45	2.11e-04	-2.29e-05	5.07e-05
197	42	2.92e-03	-0.01	-0.47	1.20e-04	-1.33e-05	1.34e-05
197	43	2.92e-03	-0.01	-0.47	1.20e-04	-1.33e-05	1.34e-05
197	44	2.92e-03	-0.01	-0.47	1.20e-04	-1.33e-05	1.34e-05
198	1	6.26e-03	0.04	-0.65	2.47e-04	0.0	1.11e-05
198	7	4.22e-03	0.03	-0.49	1.81e-04	0.0	9.27e-06
198	17	0.01	0.02	-0.45	1.59e-04	0.0	1.17e-05
198	21	5.29e-03	0.03	-0.47	8.83e-05	0.0	-5.04e-06
198	42	1.79e-03	0.02	-0.45	1.47e-04	0.0	4.55e-06
198	43	1.79e-03	0.02	-0.45	1.47e-04	0.0	4.55e-06
198	44	1.79e-03	0.02	-0.45	1.47e-04	0.0	4.55e-06
199	1	5.10e-03	0.05	-0.65	3.85e-04	-3.20e-05	1.14e-05
199	7	3.33e-03	0.04	-0.49	2.83e-04	-2.07e-05	9.11e-06
199	13	6.81e-03	0.03	-0.45	2.50e-04	2.87e-05	1.03e-05
199	17	7.91e-03	0.03	-0.45	2.50e-04	3.11e-05	1.06e-05
199	21	3.10e-03	0.03	-0.47	1.68e-04	-5.30e-06	-7.51e-06
199	42	8.95e-04	0.03	-0.45	2.32e-04	-1.03e-05	3.84e-06
199	43	8.95e-04	0.03	-0.45	2.32e-04	-1.03e-05	3.84e-06
199	44	8.95e-04	0.03	-0.45	2.32e-04	-1.03e-05	3.84e-06
200	1	6.90e-03	0.03	-0.66	1.94e-04	0.0	-1.81e-05
200	7	4.74e-03	0.02	-0.50	1.42e-04	0.0	-1.17e-05
200	17	0.02	0.02	-0.45	1.24e-04	0.0	-5.66e-06
200	21	7.03e-03	0.02	-0.47	6.03e-05	0.0	-2.38e-05
200	42	2.43e-03	0.02	-0.46	1.15e-04	0.0	-1.32e-05
200	43	2.43e-03	0.02	-0.46	1.15e-04	0.0	-1.32e-05
200	44	2.43e-03	0.02	-0.46	1.15e-04	0.0	-1.32e-05
201	1	7.11e-03	0.02	-0.66	2.06e-04	0.0	-3.22e-05
201	7	4.95e-03	0.01	-0.50	1.51e-04	0.0	-2.18e-05
201	17	0.02	0.01	-0.46	1.33e-04	0.0	-1.28e-05
201	21	8.45e-03	0.02	-0.48	7.40e-05	0.0	-3.22e-05
201	25	7.91e-03	0.02	-0.47	7.18e-05	0.0	-3.00e-05
201	42	2.82e-03	9.73e-03	-0.46	1.24e-04	0.0	-2.16e-05
201	43	2.82e-03	9.73e-03	-0.46	1.24e-04	0.0	-2.16e-05
201	44	2.82e-03	9.73e-03	-0.46	1.24e-04	0.0	-2.16e-05
202	1	7.03e-03	5.52e-03	-0.66	2.35e-04	0.0	-2.83e-05
202	7	4.96e-03	3.96e-03	-0.50	1.72e-04	0.0	-1.86e-05
202	17	0.02	4.57e-03	-0.46	1.52e-04	0.0	-7.91e-06
202	21	9.58e-03	0.02	-0.48	9.46e-05	0.0	-2.56e-05
202	25	8.93e-03	0.02	-0.48	9.21e-05	0.0	-2.28e-05
202	42	3.05e-03	3.09e-03	-0.46	1.42e-04	0.0	-1.86e-05
202	43	3.05e-03	3.09e-03	-0.46	1.42e-04	0.0	-1.86e-05
202	44	3.05e-03	3.09e-03	-0.46	1.42e-04	0.0	-1.86e-05
203	1	6.59e-03	-6.50e-03	-0.67	2.41e-04	0.0	-8.81e-06
203	6	-6.89e-03	-4.31e-03	-0.45	1.43e-04	0.0	-7.89e-06
203	7	4.71e-03	-4.85e-03	-0.50	1.76e-04	0.0	-4.04e-06

203	17	0.03	-3.24e-03	-0.46	1.57e-04	0.0	7.22e-06
203	21	0.01	0.01	-0.48	8.91e-05	0.0	-3.30e-06
203	22	-1.37e-03	-0.02	-0.45	2.08e-04	0.0	-1.10e-05
203	42	3.09e-03	-4.23e-03	-0.46	1.46e-04	0.0	-5.32e-06
203	43	3.09e-03	-4.23e-03	-0.46	1.46e-04	0.0	-5.32e-06
203	44	3.09e-03	-4.23e-03	-0.46	1.46e-04	0.0	-5.32e-06
204	1	5.45e-03	-0.02	-0.67	1.84e-04	0.0	1.92e-05
204	6	-8.75e-03	-0.01	-0.46	1.08e-04	0.0	1.02e-05
204	7	3.96e-03	-0.01	-0.51	1.34e-04	0.0	1.67e-05
204	9	-4.86e-03	-0.01	-0.46	1.10e-04	0.0	1.16e-05
204	17	0.03	-0.01	-0.46	1.21e-04	0.0	2.76e-05
204	21	0.01	0.01	-0.48	1.60e-05	0.0	2.95e-05
204	22	-1.91e-03	-0.03	-0.45	2.06e-04	0.0	-6.53e-06
204	42	2.71e-03	-0.01	-0.46	1.08e-04	0.0	1.40e-05
204	43	2.71e-03	-0.01	-0.46	1.08e-04	0.0	1.40e-05
204	44	2.71e-03	-0.01	-0.46	1.08e-04	0.0	1.40e-05
205	1	3.03e-03	-0.02	-0.67	2.77e-05	-1.14e-04	2.69e-05
205	6	-0.01	-0.01	-0.46	9.45e-06	-8.01e-05	1.62e-05
205	7	2.27e-03	-0.02	-0.51	1.87e-05	-8.08e-05	2.22e-05
205	9	-6.98e-03	-0.01	-0.46	9.41e-06	-7.47e-05	1.78e-05
205	17	0.03	-0.01	-0.47	1.96e-05	-1.52e-05	3.31e-05
205	21	0.01	0.01	-0.48	-1.70e-04	-6.29e-05	4.23e-05
205	22	-3.14e-03	-0.04	-0.45	1.84e-04	-4.86e-05	-7.65e-06
205	42	1.54e-03	-0.01	-0.47	4.16e-06	-5.90e-05	2.07e-05
205	43	1.54e-03	-0.01	-0.47	4.16e-06	-5.90e-05	2.07e-05
205	44	1.54e-03	-0.01	-0.47	4.16e-06	-5.90e-05	2.07e-05
206	1	6.61e-03	0.04	-0.65	2.59e-04	0.0	3.09e-05
206	7	4.45e-03	0.03	-0.49	1.89e-04	0.0	2.39e-05
206	17	0.01	0.02	-0.45	1.65e-04	0.0	2.45e-05
206	21	5.63e-03	0.03	-0.47	8.99e-05	0.0	9.14e-06
206	42	1.96e-03	0.02	-0.45	1.53e-04	0.0	1.66e-05
206	43	1.96e-03	0.02	-0.45	1.53e-04	0.0	1.66e-05
206	44	1.96e-03	0.02	-0.45	1.53e-04	0.0	1.66e-05
207	1	5.16e-03	0.05	-0.64	3.49e-04	-4.94e-05	8.74e-06
207	7	3.38e-03	0.04	-0.49	2.55e-04	-3.33e-05	7.15e-06
207	13	6.86e-03	0.03	-0.45	2.24e-04	1.74e-05	8.68e-06
207	17	7.97e-03	0.03	-0.45	2.25e-04	2.01e-05	8.88e-06
207	21	3.15e-03	0.03	-0.47	1.35e-04	-1.65e-05	-1.05e-05
207	42	9.29e-04	0.03	-0.45	2.07e-04	-2.03e-05	1.87e-06
207	43	9.29e-04	0.03	-0.45	2.07e-04	-2.03e-05	1.87e-06
207	44	9.29e-04	0.03	-0.45	2.07e-04	-2.03e-05	1.87e-06
208	1	7.12e-03	0.03	-0.65	2.15e-04	0.0	1.56e-05
208	7	4.88e-03	0.02	-0.49	1.56e-04	0.0	1.29e-05
208	17	0.02	0.02	-0.46	1.36e-04	0.0	1.53e-05
208	21	7.32e-03	0.02	-0.47	6.78e-05	0.0	6.60e-06
208	25	6.89e-03	0.02	-0.47	6.46e-05	0.0	8.14e-06
208	42	2.52e-03	0.02	-0.45	1.27e-04	0.0	7.27e-06
208	43	2.52e-03	0.02	-0.45	1.27e-04	0.0	7.27e-06
208	44	2.52e-03	0.02	-0.45	1.27e-04	0.0	7.27e-06
209	1	7.26e-03	0.02	-0.66	2.10e-04	0.0	6.98e-06
209	7	5.04e-03	0.01	-0.50	1.53e-04	0.0	6.79e-06
209	17	0.02	0.01	-0.46	1.33e-04	0.0	1.09e-05
209	21	8.71e-03	0.02	-0.47	6.73e-05	0.0	1.04e-05
209	25	8.17e-03	0.02	-0.47	6.41e-05	0.0	1.28e-05
209	42	2.88e-03	8.83e-03	-0.46	1.25e-04	0.0	2.13e-06
209	43	2.88e-03	8.83e-03	-0.46	1.25e-04	0.0	2.13e-06
209	44	2.88e-03	8.83e-03	-0.46	1.25e-04	0.0	2.13e-06
210	1	7.01e-03	4.69e-03	-0.66	2.19e-04	0.0	1.14e-05
210	7	4.92e-03	3.51e-03	-0.50	1.60e-04	0.0	1.02e-05
210	17	0.02	4.72e-03	-0.46	1.39e-04	0.0	1.56e-05
210	21	9.78e-03	0.02	-0.48	6.88e-05	0.0	2.59e-05
210	23	7.44e-03	0.02	-0.47	6.34e-05	0.0	3.01e-05
210	42	3.01e-03	2.48e-03	-0.46	1.31e-04	0.0	5.37e-06
210	43	3.01e-03	2.48e-03	-0.46	1.31e-04	0.0	5.37e-06
210	44	3.01e-03	2.48e-03	-0.46	1.31e-04	0.0	5.37e-06
211	1	6.30e-03	-6.00e-03	-0.66	2.11e-04	0.0	2.71e-05
211	6	-7.09e-03	-4.44e-03	-0.45	1.24e-04	0.0	7.23e-06
211	7	4.47e-03	-4.30e-03	-0.50	1.54e-04	0.0	2.18e-05
211	17	0.03	-2.06e-03	-0.46	1.35e-04	0.0	2.78e-05
211	21	0.01	0.01	-0.48	4.75e-05	0.0	5.25e-05
211	22	-1.83e-03	-0.02	-0.44	2.09e-04	0.0	-2.38e-05
211	42	2.87e-03	-3.92e-03	-0.46	1.25e-04	0.0	1.60e-05
211	43	2.87e-03	-3.92e-03	-0.46	1.25e-04	0.0	1.60e-05
211	44	2.87e-03	-3.92e-03	-0.46	1.25e-04	0.0	1.60e-05
212	1	5.09e-03	-0.02	-0.66	1.59e-04	0.0	4.36e-05
212	6	-8.99e-03	-9.92e-03	-0.45	9.15e-05	0.0	1.62e-05
212	7	3.67e-03	-0.01	-0.50	1.16e-04	0.0	3.36e-05

212	9	-5.11e-03	-9.86e-03	-0.46	9.33e-05	0.0	2.03e-05
212	17	0.03	-8.00e-03	-0.46	1.03e-04	0.0	4.02e-05
212	21	0.01	0.01	-0.48	-2.21e-05	0.0	7.96e-05
212	22	-2.38e-03	-0.03	-0.45	2.09e-04	0.0	-3.00e-05
212	42	2.45e-03	-9.34e-03	-0.46	8.99e-05	0.0	2.72e-05
212	43	2.45e-03	-9.34e-03	-0.46	8.99e-05	0.0	2.72e-05
212	44	2.45e-03	-9.34e-03	-0.46	8.99e-05	0.0	2.72e-05
213	1	3.49e-03	-0.02	-0.67	5.67e-05	-5.87e-05	3.49e-05
213	6	-0.01	-0.01	-0.45	2.86e-05	-4.70e-05	1.25e-05
213	7	2.61e-03	-0.02	-0.50	4.10e-05	-3.86e-05	2.72e-05
213	9	-6.75e-03	-0.01	-0.46	2.82e-05	-4.02e-05	1.65e-05
213	17	0.03	-0.01	-0.46	3.88e-05	6.32e-06	3.46e-05
213	21	0.01	0.02	-0.48	-1.48e-04	-3.43e-05	7.85e-05
213	22	-2.94e-03	-0.04	-0.45	2.00e-04	-5.67e-06	-3.79e-05
213	42	1.82e-03	-0.01	-0.46	2.17e-05	-2.25e-05	2.37e-05
213	43	1.82e-03	-0.01	-0.46	2.17e-05	-2.25e-05	2.37e-05
213	44	1.82e-03	-0.01	-0.46	2.17e-05	-2.25e-05	2.37e-05
214	1	6.84e-03	0.04	-0.65	2.46e-04	0.0	5.52e-05
214	7	4.62e-03	0.03	-0.49	1.79e-04	0.0	4.18e-05
214	17	0.01	0.03	-0.46	1.56e-04	0.0	4.05e-05
214	21	5.83e-03	0.03	-0.47	6.91e-05	0.0	2.46e-05
214	42	2.09e-03	0.02	-0.45	1.44e-04	0.0	3.15e-05
214	43	2.09e-03	0.02	-0.45	1.44e-04	0.0	3.15e-05
214	44	2.09e-03	0.02	-0.45	1.44e-04	0.0	3.15e-05
215	1	5.21e-03	0.05	-0.64	3.12e-04	-5.09e-05	1.22e-05
215	7	3.41e-03	0.04	-0.48	2.28e-04	-3.42e-05	9.59e-06
215	13	6.90e-03	0.03	-0.45	1.99e-04	1.67e-05	1.13e-05
215	17	8.01e-03	0.03	-0.45	2.00e-04	1.96e-05	1.15e-05
215	21	3.17e-03	0.03	-0.46	1.02e-04	-1.58e-05	-8.51e-06
215	42	9.52e-04	0.03	-0.45	1.83e-04	-2.04e-05	3.67e-06
215	43	9.52e-04	0.03	-0.45	1.83e-04	-2.04e-05	3.67e-06
215	44	9.52e-04	0.03	-0.45	1.83e-04	-2.04e-05	3.67e-06
216	1	7.37e-03	0.03	-0.65	2.15e-04	0.0	5.09e-05
216	7	5.06e-03	0.02	-0.49	1.56e-04	0.0	3.87e-05
216	17	0.02	0.02	-0.46	1.36e-04	0.0	3.74e-05
216	21	7.57e-03	0.03	-0.47	5.32e-05	0.0	3.33e-05
216	25	7.14e-03	0.03	-0.47	4.90e-05	0.0	3.46e-05
216	42	2.66e-03	0.02	-0.45	1.26e-04	0.0	2.91e-05
216	43	2.66e-03	0.02	-0.45	1.26e-04	0.0	2.91e-05
216	44	2.66e-03	0.02	-0.45	1.26e-04	0.0	2.91e-05
217	1	7.47e-03	0.02	-0.65	2.10e-04	0.0	4.84e-05
217	7	5.18e-03	0.01	-0.49	1.52e-04	0.0	3.70e-05
217	17	0.02	0.01	-0.46	1.31e-04	0.0	3.60e-05
217	21	8.98e-03	0.02	-0.47	4.79e-05	0.0	4.48e-05
217	23	7.05e-03	0.02	-0.47	4.14e-05	0.0	4.76e-05
217	42	2.99e-03	0.01	-0.46	1.24e-04	0.0	2.81e-05
217	43	2.99e-03	0.01	-0.46	1.24e-04	0.0	2.81e-05
217	44	2.99e-03	0.01	-0.46	1.24e-04	0.0	2.81e-05
218	1	7.13e-03	7.20e-03	-0.66	2.11e-04	0.0	5.15e-05
218	7	4.99e-03	5.49e-03	-0.50	1.54e-04	0.0	3.94e-05
218	17	0.02	6.84e-03	-0.46	1.32e-04	0.0	3.91e-05
218	21	0.01	0.02	-0.47	4.14e-05	0.0	6.11e-05
218	23	7.68e-03	0.02	-0.47	3.45e-05	0.0	6.47e-05
218	42	3.06e-03	3.94e-03	-0.46	1.25e-04	0.0	3.05e-05
218	43	3.06e-03	3.94e-03	-0.46	1.25e-04	0.0	3.05e-05
218	44	3.06e-03	3.94e-03	-0.46	1.25e-04	0.0	3.05e-05
219	1	6.31e-03	-2.87e-03	-0.66	2.04e-04	0.0	5.81e-05
219	5	-6.15e-03	-4.09e-03	-0.59	1.63e-04	0.0	3.72e-05
219	6	-7.21e-03	-3.20e-03	-0.45	1.19e-04	0.0	2.58e-05
219	7	4.45e-03	-1.86e-03	-0.50	1.48e-04	0.0	4.41e-05
219	9	-3.76e-03	-2.79e-03	-0.45	1.21e-04	0.0	2.94e-05
219	17	0.03	5.97e-04	-0.46	1.28e-04	0.0	4.51e-05
219	21	0.01	0.02	-0.48	2.00e-05	0.0	8.01e-05
219	22	-2.10e-03	-0.02	-0.44	2.25e-04	0.0	-1.31e-05
219	42	2.84e-03	-2.01e-03	-0.46	1.18e-04	0.0	3.48e-05
219	43	2.84e-03	-2.01e-03	-0.46	1.18e-04	0.0	3.48e-05
219	44	2.84e-03	-2.01e-03	-0.46	1.18e-04	0.0	3.48e-05
220	1	5.09e-03	-0.01	-0.66	1.64e-04	0.0	6.20e-05
220	6	-9.12e-03	-8.51e-03	-0.45	9.46e-05	0.0	2.57e-05
220	7	3.64e-03	-8.40e-03	-0.50	1.20e-04	0.0	4.65e-05
220	9	-5.21e-03	-8.16e-03	-0.46	9.59e-05	0.0	3.02e-05
220	17	0.03	-5.00e-03	-0.46	1.04e-04	0.0	4.95e-05
220	21	0.01	0.02	-0.48	-3.44e-05	0.0	9.59e-05
220	22	-2.65e-03	-0.04	-0.45	2.27e-04	0.0	-2.53e-05
220	42	2.41e-03	-7.14e-03	-0.46	9.13e-05	0.0	3.73e-05
220	43	2.41e-03	-7.14e-03	-0.46	9.13e-05	0.0	3.73e-05
220	44	2.41e-03	-7.14e-03	-0.46	9.13e-05	0.0	3.73e-05

221	1	4.01e-03	-0.02	-0.66	8.57e-05	-1.36e-05	3.51e-05
221	6	-0.01	-0.01	-0.45	4.77e-05	-1.78e-05	1.24e-05
221	7	2.97e-03	-0.01	-0.50	6.32e-05	-4.28e-06	2.72e-05
221	9	-6.51e-03	-0.01	-0.46	4.70e-05	-1.07e-05	1.62e-05
221	17	0.03	-9.10e-03	-0.47	5.81e-05	2.99e-05	3.20e-05
221	21	0.01	0.02	-0.48	-1.26e-04	-1.22e-05	7.81e-05
221	22	-2.74e-03	-0.05	-0.45	2.16e-04	3.10e-05	-3.83e-05
221	42	2.11e-03	-0.01	-0.46	3.92e-05	6.70e-06	2.29e-05
221	43	2.11e-03	-0.01	-0.46	3.92e-05	6.70e-06	2.29e-05
221	44	2.11e-03	-0.01	-0.46	3.92e-05	6.70e-06	2.29e-05
222	1	7.11e-03	0.04	-0.64	2.40e-04	0.0	7.49e-05
222	7	4.82e-03	0.03	-0.49	1.75e-04	0.0	5.64e-05
222	11	0.01	0.03	-0.46	1.44e-04	0.0	5.46e-05
222	17	0.01	0.03	-0.46	1.55e-04	0.0	5.37e-05
222	21	5.97e-03	0.03	-0.47	5.01e-05	0.0	3.46e-05
222	42	2.25e-03	0.02	-0.45	1.38e-04	0.0	4.33e-05
222	43	2.25e-03	0.02	-0.45	1.38e-04	0.0	4.33e-05
222	44	2.25e-03	0.02	-0.45	1.38e-04	0.0	4.33e-05
223	1	5.23e-03	0.05	-0.64	2.76e-04	-4.14e-05	1.86e-05
223	7	3.43e-03	0.04	-0.48	2.01e-04	-2.70e-05	1.43e-05
223	17	8.03e-03	0.04	-0.45	1.75e-04	2.62e-05	1.65e-05
223	21	3.18e-03	0.03	-0.46	6.94e-05	-7.10e-06	-3.30e-06
223	42	9.64e-04	0.03	-0.45	1.58e-04	-1.36e-05	7.50e-06
223	43	9.64e-04	0.03	-0.45	1.58e-04	-1.36e-05	7.50e-06
223	44	9.64e-04	0.03	-0.45	1.58e-04	-1.36e-05	7.50e-06
224	1	7.85e-03	0.03	-0.65	2.33e-04	0.0	6.06e-05
224	7	5.42e-03	0.02	-0.49	1.69e-04	0.0	4.57e-05
224	17	0.02	0.02	-0.46	1.49e-04	0.0	4.32e-05
224	21	7.89e-03	0.03	-0.47	4.40e-05	0.0	3.68e-05
224	25	7.45e-03	0.03	-0.47	3.87e-05	0.0	3.80e-05
224	42	2.98e-03	0.02	-0.45	1.35e-04	0.0	3.50e-05
224	43	2.98e-03	0.02	-0.45	1.35e-04	0.0	3.50e-05
224	44	2.98e-03	0.02	-0.45	1.35e-04	0.0	3.50e-05
225	1	8.05e-03	0.02	-0.65	2.25e-04	0.0	5.78e-05
225	7	5.62e-03	0.02	-0.49	1.64e-04	0.0	4.37e-05
225	17	0.02	0.02	-0.46	1.43e-04	0.0	4.06e-05
225	21	9.39e-03	0.03	-0.47	3.54e-05	0.0	4.59e-05
225	23	7.45e-03	0.03	-0.47	2.73e-05	0.0	4.88e-05
225	42	3.36e-03	0.01	-0.45	1.31e-04	0.0	3.46e-05
225	43	3.36e-03	0.01	-0.45	1.31e-04	0.0	3.46e-05
225	44	3.36e-03	0.01	-0.45	1.31e-04	0.0	3.46e-05
226	1	7.80e-03	0.01	-0.65	2.22e-04	0.0	5.95e-05
226	7	5.49e-03	9.00e-03	-0.49	1.62e-04	0.0	4.51e-05
226	17	0.03	0.01	-0.46	1.40e-04	0.0	4.14e-05
226	21	0.01	0.03	-0.47	2.61e-05	0.0	5.72e-05
226	23	8.16e-03	0.03	-0.47	1.76e-05	0.0	6.08e-05
226	42	3.48e-03	6.77e-03	-0.46	1.29e-04	0.0	3.68e-05
226	43	3.48e-03	6.77e-03	-0.46	1.29e-04	0.0	3.68e-05
226	44	3.48e-03	6.77e-03	-0.46	1.29e-04	0.0	3.68e-05
227	1	7.19e-03	1.83e-03	-0.65	2.20e-04	0.0	6.47e-05
227	2	5.80e-03	2.03e-03	-0.51	1.73e-04	0.0	5.22e-05
227	7	5.09e-03	1.71e-03	-0.49	1.61e-04	0.0	4.88e-05
227	17	0.03	4.01e-03	-0.46	1.37e-04	0.0	4.57e-05
227	21	0.01	0.03	-0.47	1.33e-05	0.0	6.88e-05
227	23	8.53e-03	0.03	-0.47	4.14e-06	0.0	7.28e-05
227	42	3.37e-03	9.20e-04	-0.46	1.27e-04	0.0	4.01e-05
227	43	3.37e-03	9.20e-04	-0.46	1.27e-04	0.0	4.01e-05
227	44	3.37e-03	9.20e-04	-0.46	1.27e-04	0.0	4.01e-05
228	1	6.18e-03	-7.87e-03	-0.66	2.02e-04	0.0	6.90e-05
228	5	-7.68e-03	-8.51e-03	-0.59	1.58e-04	0.0	5.04e-05
228	6	-8.72e-03	-6.50e-03	-0.45	1.15e-04	0.0	3.63e-05
228	7	4.43e-03	-5.37e-03	-0.50	1.47e-04	0.0	5.16e-05
228	9	-4.72e-03	-5.96e-03	-0.45	1.17e-04	0.0	3.88e-05
228	17	0.03	-1.90e-03	-0.47	1.27e-04	0.0	5.17e-05
228	21	0.01	0.03	-0.48	-1.59e-05	0.0	7.58e-05
228	22	-2.23e-03	-0.04	-0.45	2.54e-04	0.0	4.04e-06
228	42	3.05e-03	-4.64e-03	-0.46	1.13e-04	0.0	4.16e-05
228	43	3.05e-03	-4.64e-03	-0.46	1.13e-04	0.0	4.16e-05
228	44	3.05e-03	-4.64e-03	-0.46	1.13e-04	0.0	4.16e-05
229	1	4.52e-03	-0.02	-0.66	1.15e-04	-4.58e-05	2.72e-05
229	6	-0.01	-0.01	-0.45	6.68e-05	-2.57e-05	1.61e-05
229	7	3.34e-03	-0.01	-0.50	8.55e-05	-2.68e-05	2.19e-05
229	9	-6.28e-03	-0.01	-0.46	6.58e-05	-2.23e-05	1.71e-05
229	17	0.03	-6.90e-03	-0.47	7.73e-05	1.01e-05	2.52e-05
229	21	0.01	0.03	-0.48	-1.04e-04	-3.95e-05	4.09e-05
229	22	-2.60e-03	-0.05	-0.45	2.32e-04	2.42e-05	-9.10e-06
229	42	2.39e-03	-8.87e-03	-0.46	5.67e-05	-1.10e-05	1.82e-05

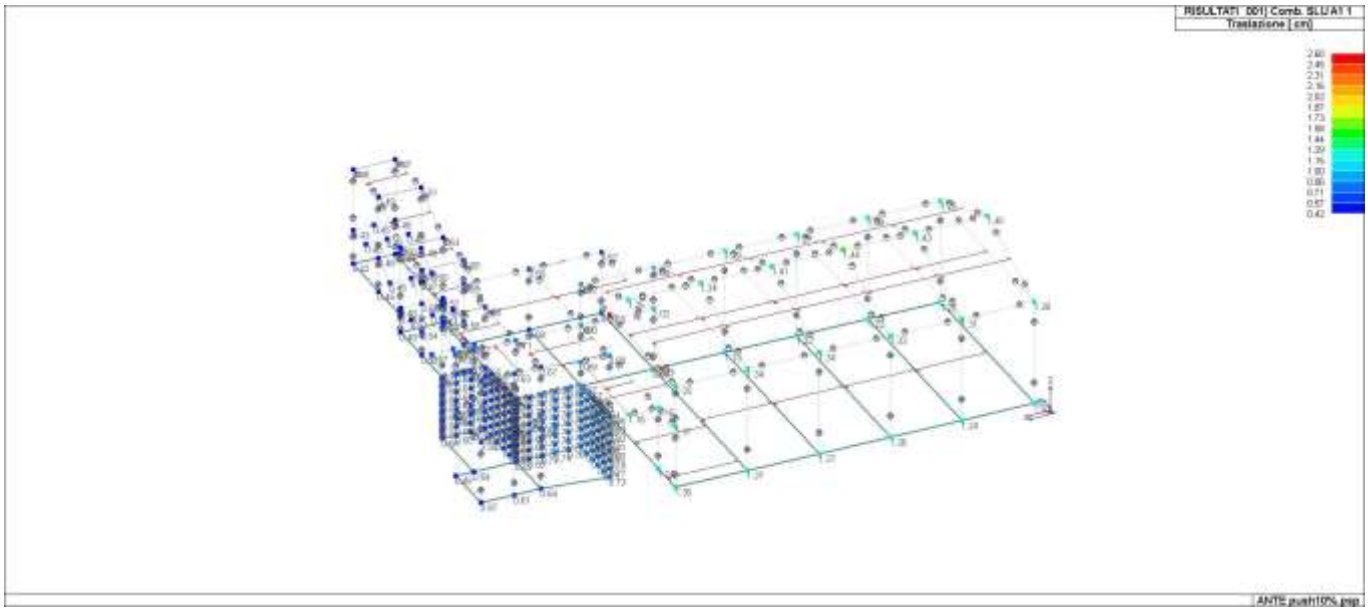
229	43	2.39e-03	-8.87e-03	-0.46	5.67e-05	-1.10e-05	1.82e-05
229	44	2.39e-03	-8.87e-03	-0.46	5.67e-05	-1.10e-05	1.82e-05
230	1	7.51e-03	0.05	-0.64	4.75e-04	-4.08e-05	3.73e-05
230	7	5.14e-03	0.03	-0.48	3.49e-04	-1.91e-05	2.75e-05
230	11	0.01	0.03	-0.46	3.07e-04	4.84e-06	3.11e-05
230	17	0.01	0.03	-0.46	3.22e-04	5.40e-06	3.25e-05
230	21	6.17e-03	0.03	-0.47	1.63e-04	-1.76e-05	1.04e-05
230	42	2.53e-03	0.03	-0.45	2.77e-04	1.18e-05	1.77e-05
230	43	2.53e-03	0.03	-0.45	2.77e-04	1.18e-05	1.77e-05
230	44	2.53e-03	0.03	-0.45	2.77e-04	1.18e-05	1.77e-05
231	1	8.52e-03	0.04	-0.64	4.35e-04	-8.33e-05	2.88e-05
231	7	5.93e-03	0.03	-0.49	3.20e-04	-5.08e-05	2.15e-05
231	17	0.02	0.03	-0.46	2.95e-04	-1.94e-05	2.60e-05
231	21	8.25e-03	0.03	-0.47	1.34e-04	-4.75e-05	8.21e-06
231	23	6.73e-03	0.03	-0.47	1.20e-04	-4.79e-05	9.73e-06
231	42	3.43e-03	0.02	-0.45	2.53e-04	-1.58e-05	1.41e-05
231	43	3.43e-03	0.02	-0.45	2.53e-04	-1.58e-05	1.41e-05
231	44	3.43e-03	0.02	-0.45	2.53e-04	-1.58e-05	1.41e-05
232	1	8.76e-03	0.02	-0.65	3.80e-04	-1.18e-04	1.58e-05
232	7	6.17e-03	0.02	-0.49	2.79e-04	-7.75e-05	1.25e-05
232	17	0.02	0.02	-0.46	2.57e-04	-3.53e-05	1.50e-05
232	21	9.75e-03	0.03	-0.47	9.49e-05	-7.08e-05	3.43e-06
232	23	7.81e-03	0.03	-0.47	8.20e-05	-7.23e-05	7.00e-06
232	42	3.85e-03	0.01	-0.45	2.19e-04	-4.08e-05	9.04e-06
232	43	3.85e-03	0.01	-0.45	2.19e-04	-4.08e-05	9.04e-06
232	44	3.85e-03	0.01	-0.45	2.19e-04	-4.08e-05	9.04e-06
233	1	8.59e-03	0.01	-0.65	3.29e-04	-1.51e-04	5.17e-06
233	7	6.09e-03	0.01	-0.49	2.43e-04	-1.02e-04	5.44e-06
233	17	0.03	0.01	-0.46	2.23e-04	-5.04e-05	5.27e-06
233	21	0.01	0.03	-0.47	5.76e-05	-9.35e-05	-1.46e-06
233	23	8.54e-03	0.03	-0.47	4.49e-05	-9.59e-05	4.03e-06
233	42	4.01e-03	8.83e-03	-0.45	1.89e-04	-6.40e-05	5.98e-06
233	43	4.01e-03	8.83e-03	-0.45	1.89e-04	-6.40e-05	5.98e-06
233	44	4.01e-03	8.83e-03	-0.45	1.89e-04	-6.40e-05	5.98e-06
234	1	8.20e-03	4.84e-03	-0.65	2.85e-04	-1.82e-04	-2.44e-06
234	7	5.87e-03	4.07e-03	-0.49	2.10e-04	-1.26e-04	0.0
234	17	0.03	5.98e-03	-0.47	1.91e-04	-6.62e-05	-1.91e-06
234	21	0.01	0.03	-0.47	2.21e-05	-1.16e-04	-8.40e-06
234	23	9.02e-03	0.03	-0.47	9.87e-06	-1.19e-04	-1.62e-06
234	42	4.04e-03	3.06e-03	-0.46	1.61e-04	-8.57e-05	4.48e-06
234	43	4.04e-03	3.06e-03	-0.46	1.61e-04	-8.57e-05	4.48e-06
234	44	4.04e-03	3.06e-03	-0.46	1.61e-04	-8.57e-05	4.48e-06
235	1	7.89e-03	-5.27e-03	-0.65	2.41e-04	-2.01e-04	4.11e-06
235	5	-6.44e-03	-5.71e-03	-0.59	1.84e-04	-1.40e-04	2.15e-05
235	7	5.71e-03	-3.30e-03	-0.49	1.79e-04	-1.41e-04	6.16e-06
235	9	-3.75e-03	-3.77e-03	-0.45	1.39e-04	-1.01e-04	1.76e-05
235	17	0.03	-1.12e-04	-0.47	1.58e-04	-7.51e-05	2.03e-06
235	21	0.01	0.03	-0.47	-1.12e-05	-1.31e-04	-1.27e-05
235	22	-1.04e-03	-0.04	-0.45	2.98e-04	-6.30e-05	2.57e-05
235	42	4.11e-03	-2.74e-03	-0.46	1.35e-04	-1.00e-04	9.83e-06
235	43	4.11e-03	-2.74e-03	-0.46	1.35e-04	-1.00e-04	9.83e-06
235	44	4.11e-03	-2.74e-03	-0.46	1.35e-04	-1.00e-04	9.83e-06
236	1	5.85e-03	0.05	-0.62	0.0	3.95e-05	-1.89e-06
236	7	3.94e-03	0.03	-0.47	0.0	3.13e-05	-2.63e-06
236	11	9.03e-03	0.03	-0.45	0.0	7.87e-05	6.92e-06
236	17	0.01	0.03	-0.45	0.0	9.41e-05	1.07e-05
236	21	6.19e-03	0.03	-0.46	0.0	5.50e-05	-1.48e-05
236	42	1.99e-03	0.03	-0.44	0.0	3.29e-05	-9.74e-06
236	43	1.99e-03	0.03	-0.44	0.0	3.29e-05	-9.74e-06
236	44	1.99e-03	0.03	-0.44	0.0	3.29e-05	-9.74e-06
237	1	3.04e-03	0.05	-0.62	2.29e-04	3.91e-05	2.87e-05
237	7	1.79e-03	0.04	-0.47	1.66e-04	3.32e-05	2.15e-05
237	17	6.14e-03	0.04	-0.44	1.43e-04	7.98e-05	2.47e-05
237	21	2.69e-03	0.03	-0.46	2.70e-05	5.85e-05	7.78e-06
237	42	-8.19e-05	0.03	-0.43	1.26e-04	4.01e-05	1.40e-05
237	43	-8.19e-05	0.03	-0.43	1.26e-04	4.01e-05	1.40e-05
237	44	-8.19e-05	0.03	-0.43	1.26e-04	4.01e-05	1.40e-05
238	1	8.49e-03	0.04	-0.62	0.0	2.56e-05	-1.26e-05
238	7	5.92e-03	0.03	-0.47	0.0	2.02e-05	-9.83e-06
238	17	0.02	0.03	-0.45	0.0	8.94e-05	1.92e-06
238	21	9.34e-03	0.03	-0.47	0.0	4.23e-05	-2.58e-05
238	23	7.70e-03	0.03	-0.46	0.0	3.13e-05	-2.44e-05
238	42	3.77e-03	0.02	-0.44	0.0	2.06e-05	-1.33e-05
238	43	3.77e-03	0.02	-0.44	0.0	2.06e-05	-1.33e-05
238	44	3.77e-03	0.02	-0.44	0.0	2.06e-05	-1.33e-05
239	1	0.01	0.03	-0.63	0.0	6.17e-06	-2.79e-05
239	7	7.09e-03	0.02	-0.47	0.0	5.01e-06	-2.03e-05

239	17	0.02	0.02	-0.45	0.0	7.88e-05	-1.14e-05
239	21	0.01	0.03	-0.47	0.0	2.80e-05	-3.73e-05
239	23	9.42e-03	0.03	-0.47	0.0	1.61e-05	-3.29e-05
239	42	4.74e-03	0.02	-0.44	0.0	5.62e-06	-1.90e-05
239	43	4.74e-03	0.02	-0.44	0.0	5.62e-06	-1.90e-05
239	44	4.74e-03	0.02	-0.44	0.0	5.62e-06	-1.90e-05
240	1	0.01	0.02	-0.63	0.0	-9.44e-06	-3.17e-05
240	7	7.53e-03	0.01	-0.48	0.0	-7.12e-06	-2.21e-05
240	17	0.03	0.01	-0.45	0.0	6.91e-05	-1.75e-05
240	21	0.01	0.03	-0.47	0.0	1.86e-05	-4.10e-05
240	23	0.01	0.03	-0.47	0.0	6.82e-06	-3.35e-05
240	42	5.04e-03	9.30e-03	-0.44	0.0	-5.64e-06	-1.70e-05
240	43	5.04e-03	9.30e-03	-0.44	0.0	-5.64e-06	-1.70e-05
240	44	5.04e-03	9.30e-03	-0.44	0.0	-5.64e-06	-1.70e-05
241	1	0.01	5.51e-03	-0.63	0.0	-2.08e-05	-2.12e-05
241	7	7.44e-03	4.60e-03	-0.48	0.0	-1.58e-05	-1.33e-05
241	17	0.03	6.28e-03	-0.45	0.0	6.03e-05	-1.37e-05
241	21	0.01	0.03	-0.47	0.0	1.50e-05	-3.69e-05
241	23	0.01	0.03	-0.47	0.0	4.52e-06	-2.72e-05
241	42	4.90e-03	3.57e-03	-0.44	0.0	-1.24e-05	-7.00e-06
241	43	4.90e-03	3.57e-03	-0.44	0.0	-1.24e-05	-7.00e-06
241	44	4.90e-03	3.57e-03	-0.44	0.0	-1.24e-05	-7.00e-06
242	1	9.02e-03	-4.50e-03	-0.63	0.0	-5.34e-05	4.80e-05
242	5	-7.79e-03	-4.98e-03	-0.57	0.0	-7.03e-05	6.15e-05
242	6	-9.53e-03	-3.63e-03	-0.43	0.0	-5.99e-05	5.27e-05
242	7	6.22e-03	-2.71e-03	-0.48	0.0	-3.93e-05	3.77e-05
242	9	-4.90e-03	-3.20e-03	-0.44	0.0	-5.02e-05	4.73e-05
242	17	0.03	1.90e-04	-0.45	0.0	3.60e-05	2.89e-05
242	21	0.02	0.03	-0.47	0.0	-1.08e-06	1.43e-05
242	22	-3.09e-03	-0.04	-0.42	0.0	-4.76e-05	4.51e-05
242	42	3.95e-03	-2.16e-03	-0.45	0.0	-2.84e-05	3.61e-05
242	43	3.95e-03	-2.16e-03	-0.45	0.0	-2.84e-05	3.61e-05
242	44	3.95e-03	-2.16e-03	-0.45	0.0	-2.84e-05	3.61e-05
243	1	1.50e-03	-0.01	-0.64	2.62e-04	-2.48e-04	7.78e-05
243	6	-0.01	-9.63e-03	-0.43	1.66e-04	-1.52e-04	7.08e-05
243	7	8.47e-04	-9.92e-03	-0.48	1.93e-04	-1.76e-04	5.93e-05
243	9	-9.87e-03	-9.20e-03	-0.44	1.64e-04	-1.47e-04	6.53e-05
243	17	0.03	-5.55e-03	-0.45	1.54e-04	-9.91e-05	4.95e-05
243	21	0.01	0.03	-0.47	2.17e-05	-1.51e-04	3.56e-05
243	22	-6.89e-03	-0.05	-0.43	2.90e-04	-1.01e-04	5.80e-05
243	42	4.88e-05	-7.81e-03	-0.45	1.50e-04	-1.27e-04	5.23e-05
243	43	4.88e-05	-7.81e-03	-0.45	1.50e-04	-1.27e-04	5.23e-05
243	44	4.88e-05	-7.81e-03	-0.45	1.50e-04	-1.27e-04	5.23e-05
244	1	6.14e-03	0.05	-0.60	0.0	9.48e-05	-1.04e-05
244	7	4.19e-03	0.03	-0.46	0.0	7.19e-05	-8.30e-06
244	11	8.71e-03	0.03	-0.44	0.0	1.15e-04	0.0
244	17	0.01	0.03	-0.43	0.0	1.32e-04	1.54e-06
244	21	7.62e-03	0.03	-0.46	0.0	9.98e-05	-2.34e-05
244	42	2.66e-03	0.03	-0.43	0.0	6.58e-05	-1.34e-05
244	43	2.66e-03	0.03	-0.43	0.0	6.58e-05	-1.34e-05
244	44	2.66e-03	0.03	-0.43	0.0	6.58e-05	-1.34e-05
245	1	7.76e-04	0.05	-0.60	2.23e-04	1.04e-04	2.70e-05
245	6	-3.26e-03	0.03	-0.41	1.25e-04	5.81e-05	1.21e-05
245	7	8.75e-05	0.04	-0.45	1.61e-04	8.16e-05	2.03e-05
245	9	-2.48e-03	0.03	-0.42	1.27e-04	6.63e-05	1.29e-05
245	16	-6.20e-03	0.03	-0.42	1.05e-04	4.44e-05	0.0
245	17	4.19e-03	0.04	-0.43	1.39e-04	1.23e-04	2.33e-05
245	21	2.08e-03	0.03	-0.46	2.15e-05	1.11e-04	6.60e-06
245	42	-1.19e-03	0.03	-0.42	1.22e-04	8.32e-05	1.32e-05
245	43	-1.19e-03	0.03	-0.42	1.22e-04	8.32e-05	1.32e-05
245	44	-1.19e-03	0.03	-0.42	1.22e-04	8.32e-05	1.32e-05
246	1	0.01	0.04	-0.60	0.0	5.93e-05	-2.29e-05
246	7	7.36e-03	0.03	-0.46	0.0	4.34e-05	-1.74e-05
246	17	0.02	0.03	-0.44	0.0	1.18e-04	-6.67e-06
246	21	0.01	0.03	-0.46	0.0	7.11e-05	-3.63e-05
246	23	0.01	0.03	-0.46	0.0	5.58e-05	-3.50e-05
246	42	5.38e-03	0.02	-0.43	0.0	3.46e-05	-1.99e-05
246	43	5.38e-03	0.02	-0.43	0.0	3.46e-05	-1.99e-05
246	44	5.38e-03	0.02	-0.43	0.0	3.46e-05	-1.99e-05
247	1	0.01	0.03	-0.61	0.0	2.01e-05	-2.22e-05
247	7	8.90e-03	0.02	-0.46	0.0	1.32e-05	-1.65e-05
247	17	0.02	0.02	-0.44	0.0	9.61e-05	-7.57e-06
247	21	0.02	0.03	-0.46	0.0	4.12e-05	-3.82e-05
247	23	0.01	0.03	-0.46	0.0	2.37e-05	-3.44e-05
247	42	6.46e-03	0.02	-0.43	0.0	5.36e-06	-1.70e-05
247	43	6.46e-03	0.02	-0.43	0.0	5.36e-06	-1.70e-05
247	44	6.46e-03	0.02	-0.43	0.0	5.36e-06	-1.70e-05

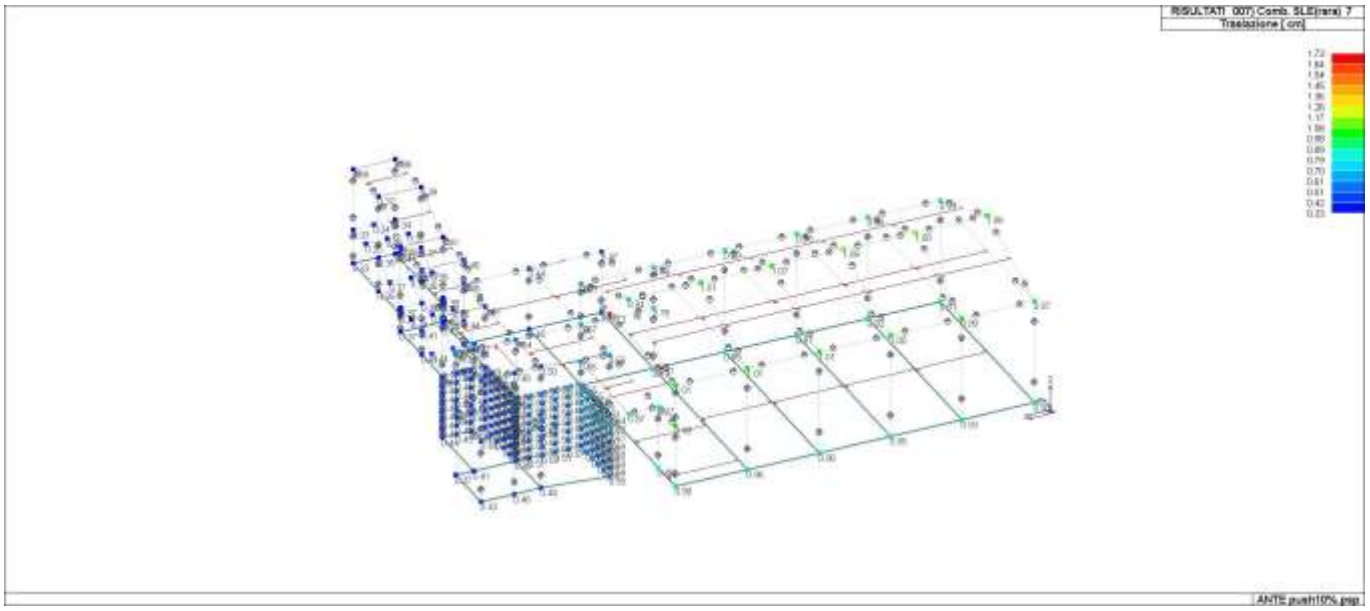
248	1	0.01	0.02	-0.61	0.0	-2.23e-05	-5.08e-06
248	7	8.72e-03	0.01	-0.46	0.0	-1.87e-05	-3.61e-06
248	17	0.03	0.01	-0.44	0.0	6.85e-05	1.54e-06
248	21	0.02	0.03	-0.47	0.0	1.07e-05	-2.69e-05
248	23	0.01	0.03	-0.47	0.0	-6.37e-06	-2.05e-05
248	42	5.99e-03	9.70e-03	-0.43	0.0	-2.22e-05	-3.73e-06
248	43	5.99e-03	9.70e-03	-0.43	0.0	-2.22e-05	-3.73e-06
248	44	5.99e-03	9.70e-03	-0.43	0.0	-2.22e-05	-3.73e-06
249	1	9.69e-03	6.03e-03	-0.61	0.0	-7.93e-05	3.01e-05
249	7	6.63e-03	5.00e-03	-0.46	0.0	-6.04e-05	2.25e-05
249	17	0.03	6.58e-03	-0.44	0.0	2.81e-05	2.29e-05
249	21	0.02	0.03	-0.47	0.0	-3.05e-05	0.0
249	23	0.01	0.03	-0.47	0.0	-4.50e-05	7.65e-06
249	42	3.98e-03	3.97e-03	-0.43	0.0	-5.49e-05	1.98e-05
249	43	3.98e-03	3.97e-03	-0.43	0.0	-5.49e-05	1.98e-05
249	44	3.98e-03	3.97e-03	-0.43	0.0	-5.49e-05	1.98e-05
250	1	3.67e-03	-4.06e-03	-0.61	0.0	-1.58e-04	1.09e-04
250	5	-0.01	-4.79e-03	-0.55	0.0	-1.40e-04	9.84e-05
250	6	-0.01	-3.56e-03	-0.42	0.0	-1.07e-04	7.55e-05
250	7	2.17e-03	-2.37e-03	-0.46	0.0	-1.16e-04	8.04e-05
250	9	-9.41e-03	-3.04e-03	-0.43	0.0	-1.05e-04	7.48e-05
250	17	0.03	4.40e-04	-0.44	0.0	-3.05e-05	7.43e-05
250	21	0.01	0.03	-0.47	0.0	-8.71e-05	6.54e-05
250	22	-6.93e-03	-0.03	-0.40	0.0	-9.12e-05	6.23e-05
250	42	2.52e-04	-1.83e-03	-0.43	0.0	-9.39e-05	7.08e-05
250	43	2.52e-04	-1.83e-03	-0.43	0.0	-9.39e-05	7.08e-05
250	44	2.52e-04	-1.83e-03	-0.43	0.0	-9.39e-05	7.08e-05
251	1	-5.79e-03	-0.01	-0.61	2.76e-04	-2.09e-04	9.26e-05
251	5	-0.02	-0.01	-0.56	2.14e-04	-1.76e-04	8.38e-05
251	7	-4.63e-03	-9.96e-03	-0.46	2.03e-04	-1.47e-04	6.93e-05
251	9	-0.02	-9.16e-03	-0.43	1.61e-04	-1.25e-04	6.43e-05
251	16	-0.04	-8.89e-03	-0.43	1.53e-04	-1.29e-04	5.65e-05
251	21	7.54e-03	0.03	-0.47	3.04e-05	-1.13e-04	4.75e-05
251	22	-0.01	-0.05	-0.40	3.04e-04	-9.24e-05	6.38e-05
251	42	-4.78e-03	-7.80e-03	-0.44	1.61e-04	-1.01e-04	6.09e-05
251	43	-4.78e-03	-7.80e-03	-0.44	1.61e-04	-1.01e-04	6.09e-05
251	44	-4.78e-03	-7.80e-03	-0.44	1.61e-04	-1.01e-04	6.09e-05
252	1	6.25e-03	0.04	-0.58	1.84e-04	1.18e-04	2.28e-05
252	7	4.27e-03	0.03	-0.44	1.32e-04	8.91e-05	1.75e-05
252	11	8.39e-03	0.03	-0.42	1.05e-04	1.30e-04	1.93e-05
252	17	0.01	0.03	-0.42	1.16e-04	1.47e-04	1.98e-05
252	21	9.13e-03	0.03	-0.46	9.35e-06	1.22e-04	-3.45e-06
252	42	3.16e-03	0.03	-0.42	1.02e-04	7.93e-05	1.14e-05
252	43	3.16e-03	0.03	-0.42	1.02e-04	7.93e-05	1.14e-05
252	44	3.16e-03	0.03	-0.42	1.02e-04	7.93e-05	1.14e-05
253	1	0.01	0.04	-0.58	1.80e-04	6.40e-05	2.53e-05
253	7	7.78e-03	0.03	-0.44	1.29e-04	4.68e-05	1.95e-05
253	17	0.02	0.03	-0.42	1.14e-04	1.21e-04	2.18e-05
253	21	0.01	0.03	-0.46	7.71e-06	7.91e-05	-6.85e-06
253	23	0.01	0.03	-0.46	0.0	6.17e-05	-5.87e-06
253	42	6.08e-03	0.02	-0.42	1.01e-04	3.54e-05	1.38e-05
253	43	6.08e-03	0.02	-0.42	1.01e-04	3.54e-05	1.38e-05
253	44	6.08e-03	0.02	-0.42	1.01e-04	3.54e-05	1.38e-05
254	1	0.01	0.03	-0.59	1.87e-04	6.71e-06	2.79e-05
254	7	9.08e-03	0.02	-0.44	1.35e-04	3.27e-06	2.14e-05
254	17	0.02	0.02	-0.42	1.18e-04	8.87e-05	2.38e-05
254	21	0.02	0.03	-0.46	1.01e-05	3.54e-05	-1.02e-05
254	23	0.01	0.03	-0.46	1.43e-06	1.56e-05	-9.01e-06
254	42	6.83e-03	0.02	-0.42	1.06e-04	-5.34e-06	1.62e-05
254	43	6.83e-03	0.02	-0.42	1.06e-04	-5.34e-06	1.62e-05
254	44	6.83e-03	0.02	-0.42	1.06e-04	-5.34e-06	1.62e-05
255	1	0.01	0.02	-0.59	1.95e-04	-5.38e-05	3.04e-05
255	7	8.10e-03	0.01	-0.45	1.42e-04	-4.16e-05	2.34e-05
255	17	0.03	0.01	-0.43	1.22e-04	4.90e-05	2.59e-05
255	21	0.02	0.03	-0.46	1.20e-05	-9.37e-06	-1.36e-05
255	23	0.01	0.03	-0.46	3.54e-06	-2.82e-05	-1.21e-05
255	42	5.56e-03	0.01	-0.42	1.12e-04	-4.29e-05	1.85e-05
255	43	5.56e-03	0.01	-0.42	1.12e-04	-4.29e-05	1.85e-05
255	44	5.56e-03	0.01	-0.42	1.12e-04	-4.29e-05	1.85e-05
256	1	7.23e-03	6.25e-03	-0.59	2.02e-04	-1.18e-04	3.29e-05
256	6	-0.01	2.32e-03	-0.41	1.19e-04	-1.13e-04	2.27e-05
256	7	4.79e-03	5.18e-03	-0.45	1.47e-04	-8.77e-05	2.54e-05
256	9	-7.15e-03	2.99e-03	-0.41	1.20e-04	-1.02e-04	2.25e-05
256	17	0.03	6.74e-03	-0.43	1.25e-04	2.30e-06	2.79e-05
256	21	0.02	0.03	-0.47	8.51e-06	-5.51e-05	-1.70e-05
256	23	0.01	0.03	-0.47	0.0	-6.96e-05	-1.53e-05
256	42	2.45e-03	4.13e-03	-0.42	1.16e-04	-7.73e-05	2.09e-05

256	43	2.45e-03	4.13e-03	-0.42	1.16e-04	-7.73e-05	2.09e-05
256	44	2.45e-03	4.13e-03	-0.42	1.16e-04	-7.73e-05	2.09e-05
257	1	-5.18e-04	-4.20e-03	-0.59	2.01e-04	-1.85e-04	3.55e-05
257	5	-0.02	-5.07e-03	-0.54	1.58e-04	-1.59e-04	3.22e-05
257	7	-9.34e-04	-2.46e-03	-0.45	1.48e-04	-1.35e-04	2.74e-05
257	9	-0.01	-3.23e-03	-0.41	1.19e-04	-1.18e-04	2.52e-05
257	16	-0.03	-3.57e-03	-0.42	1.05e-04	-1.65e-04	1.30e-05
257	21	0.01	0.03	-0.47	-1.51e-05	-1.02e-04	-2.04e-05
257	22	-0.01	-0.03	-0.38	2.61e-04	-1.08e-04	6.53e-05
257	42	-2.36e-03	-1.92e-03	-0.42	1.16e-04	-1.09e-04	2.33e-05
257	43	-2.36e-03	-1.92e-03	-0.42	1.16e-04	-1.09e-04	2.33e-05
257	44	-2.36e-03	-1.92e-03	-0.42	1.16e-04	-1.09e-04	2.33e-05

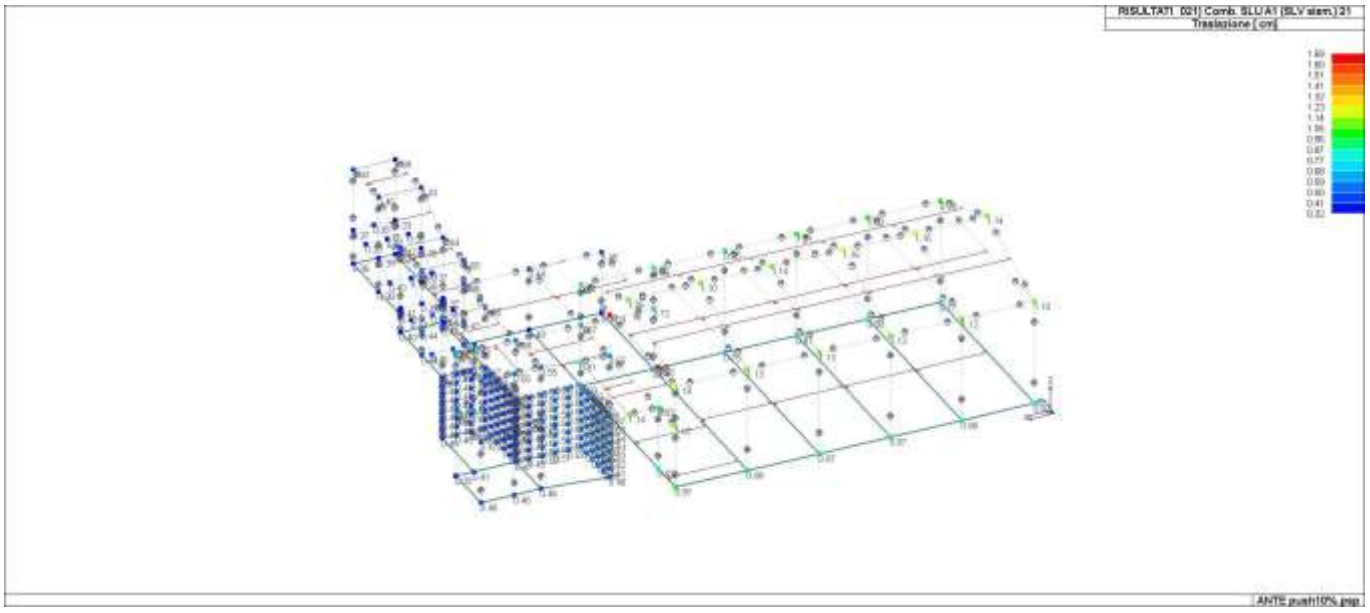
Nodo	**Traslazione X**	**Traslazione Y**	**Traslazione Z**	**Rotazione X**	**Rotazione Y**	**Rotazione Z**
	-0.99	-0.76	-2.60	-1.38e-03	-3.61e-03	-3.23e-04
	0.73	0.62	-0.30	1.58e-03	4.16e-03	5.91e-04



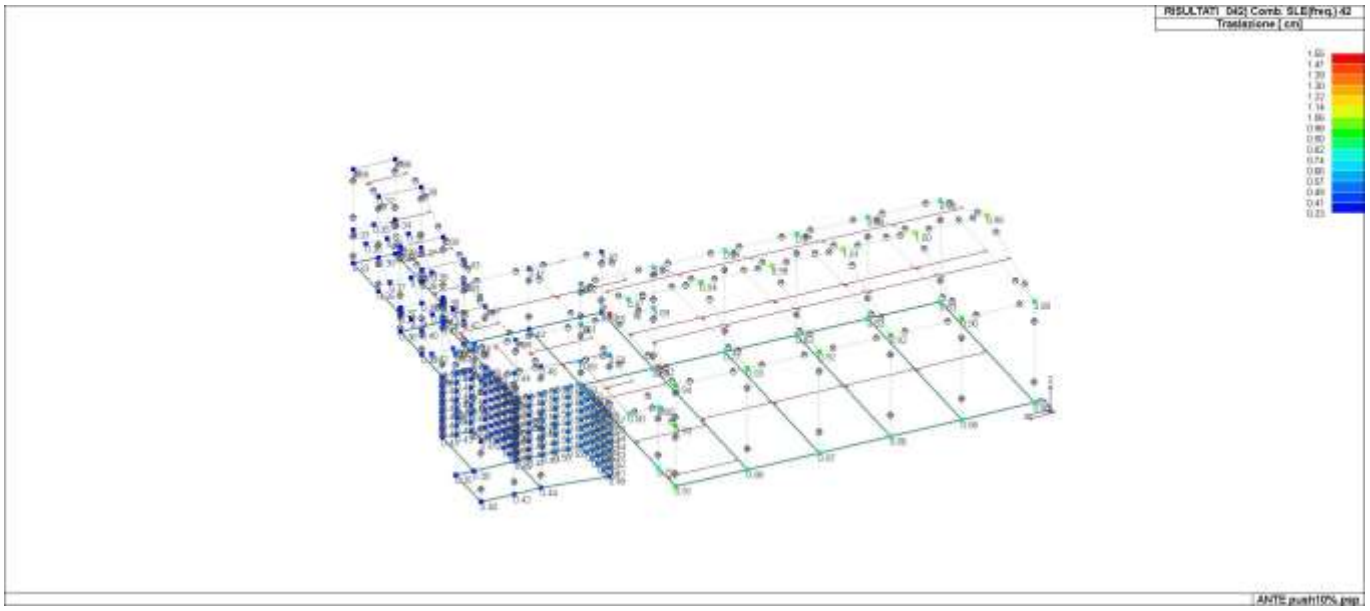
41_RIS_SPOSTAMENTI_001_Comb. SLU A1 1



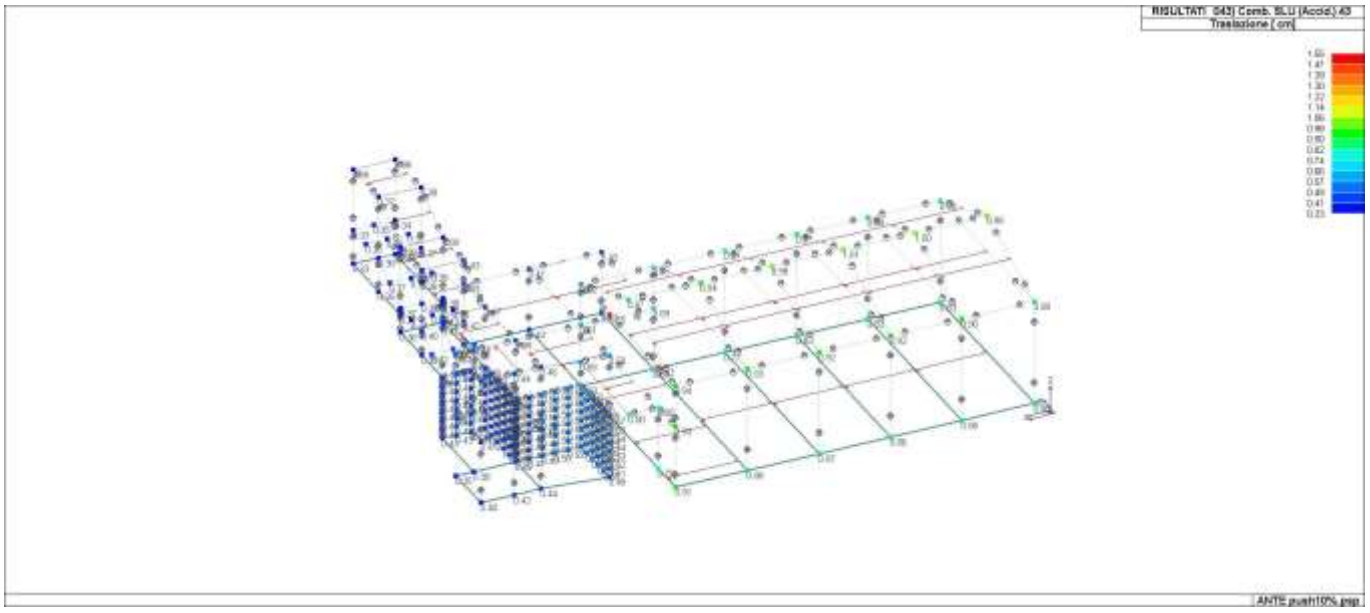
41_RIS_SPOSTAMENTI_007_Comb. SLE(rara) 7



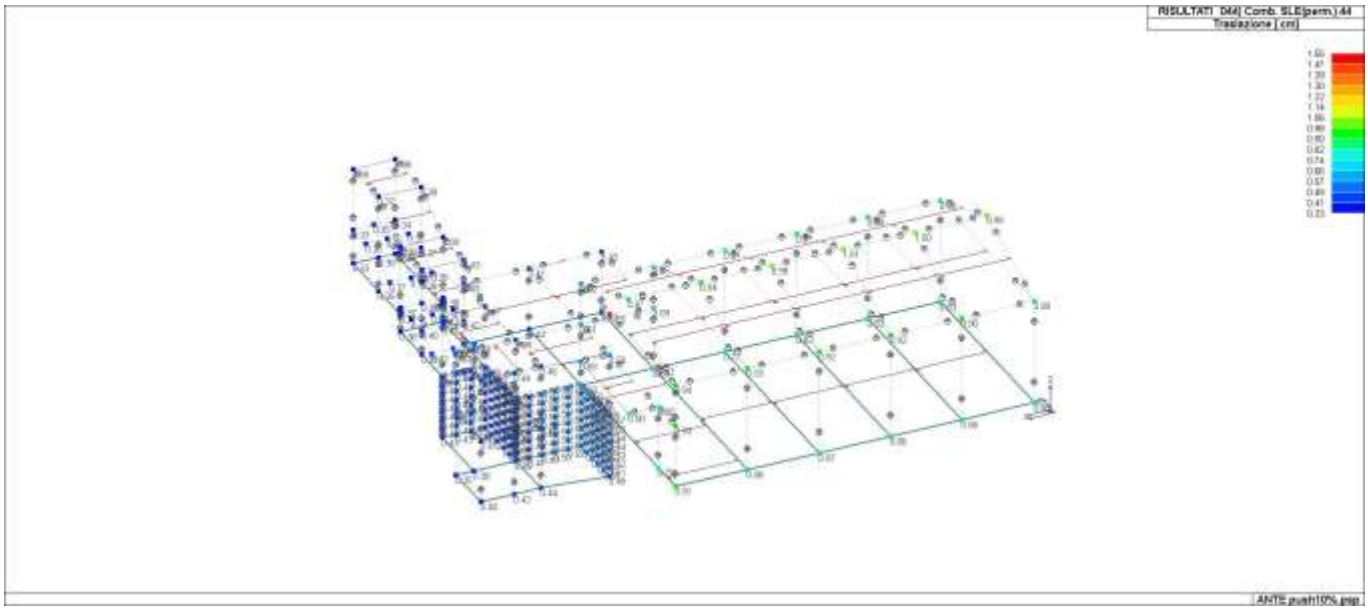
41_RIS_SPOSTAMENTI_021_Comb. SLU A1 (SLV sism.) 21



41_RIS_SPOSTAMENTI_042_Comb. SLE(freq.) 42



41_RIS_SPOSTAMENTI_043_Comb. SLU (Accid.) 43



41_RIS_SPOSTAMENTI_044_Comb. SLE(perm.) 44

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 (*PALO*) 4) plinto su palo 5) plinto su due pali (*PL.2P*) 6) plinto su tre pali (*PL.3P*) 7) plinto su quattro pali (*PL.4P*) 8) plinto rettangolare su cinque pali (*PL.5P.R*) 9) plinto pentagonale su cinque pali (*PL.5P*) 10) plinto su sei pali (*PL.6P*)
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 Fz (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

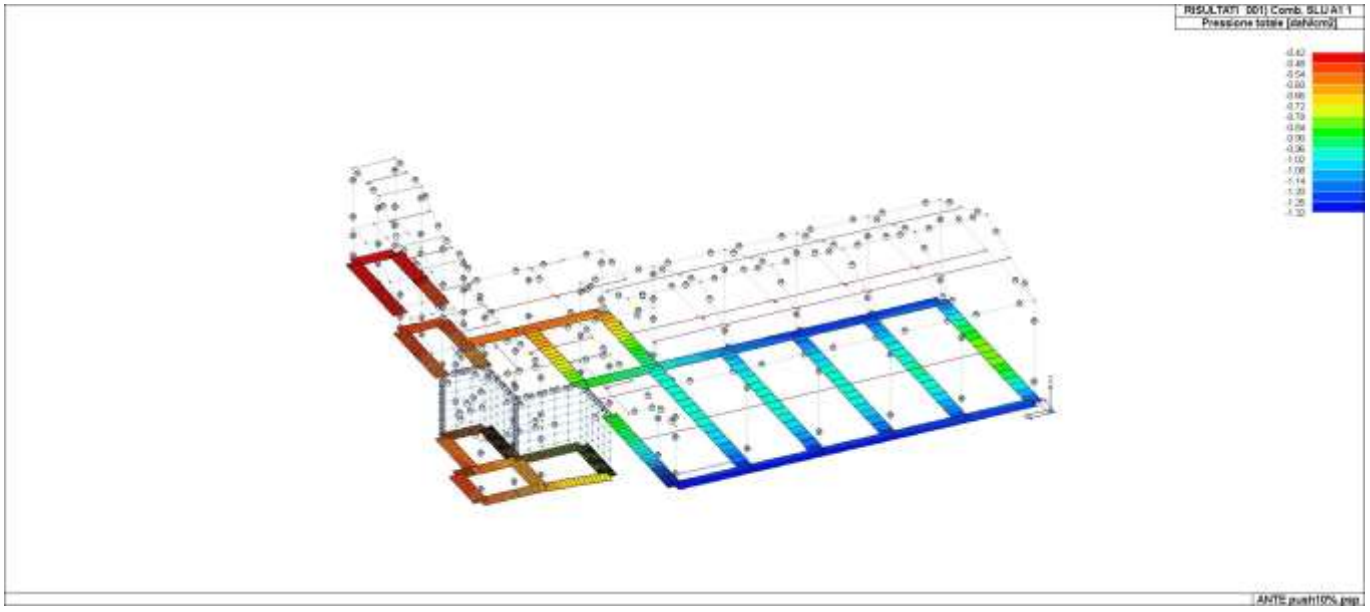
La terza tabella è riferita alle fondazioni tipo platea su suolo elastico.
Per questo tipo di fondazione vengono riportate le pressioni in ogni vertice (nodo) degli elementi costituenti la platea.

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.

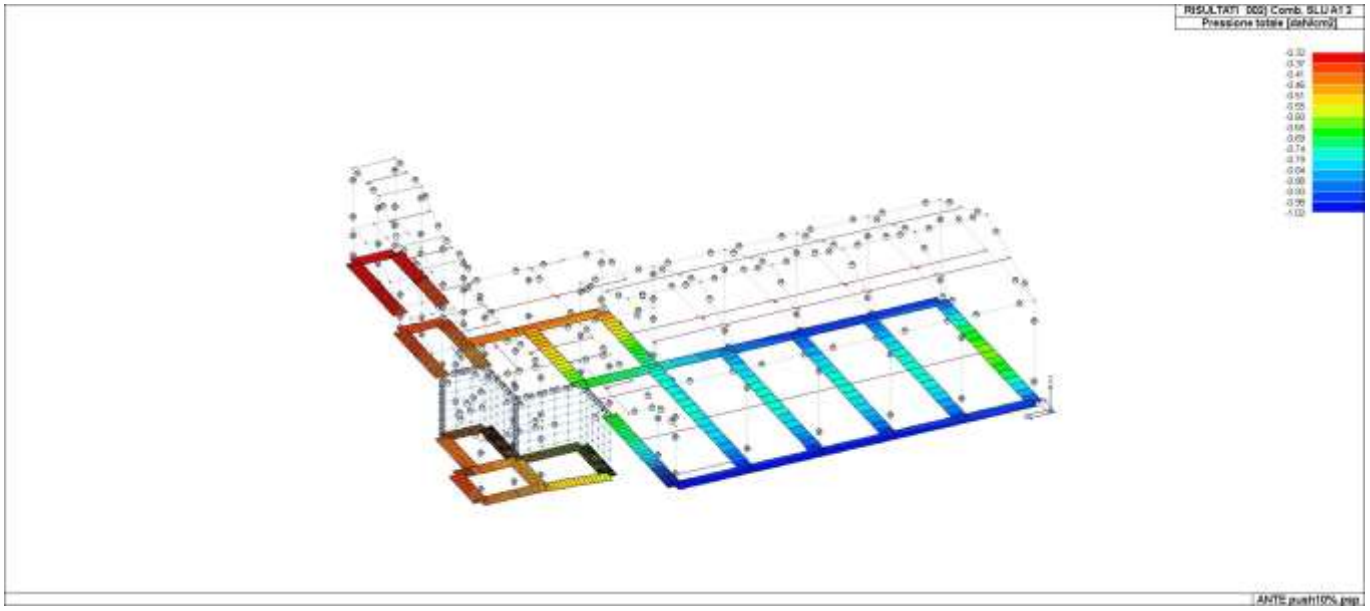
Elem.	Cmb	Pt ini	Pt fin	Pt max	Cmb	Pt ini	Pt fin	Pt max	Cmb	Pt ini	Pt fin	Pt max
		daN/cm2	daN/cm2	daN/cm2		daN/cm2	daN/cm2	daN/cm2		daN/cm2	daN/cm2	daN/cm2
35	1	-0.99	-0.89	-0.99	7	-0.74	-0.66	-0.74	18	-0.69	-0.59	-0.69
	42	-0.66	-0.60	-0.66	43	-0.66	-0.60	-0.66	44	-0.66	-0.60	-0.66
84	1	-1.24	-1.15	-1.24	7	-0.93	-0.86	-0.93	11	-0.89	-0.81	-0.89
	42	-0.85	-0.78	-0.85	43	-0.85	-0.78	-0.85	44	-0.85	-0.78	-0.85
92	1	-1.15	-0.99	-1.15	7	-0.86	-0.74	-0.86	11	-0.81	-0.67	-0.81
	42	-0.78	-0.66	-0.78	43	-0.78	-0.66	-0.78	44	-0.78	-0.66	-0.78
110	1	-1.23	-1.21	-1.23	7	-0.93	-0.91	-0.93	10	-0.92	-0.75	-0.92
	42	-0.85	-0.84	-0.85	43	-0.85	-0.84	-0.85	44	-0.85	-0.84	-0.85
111	1	-1.24	-1.22	-1.24	7	-0.94	-0.92	-0.94	10	-0.90	-0.78	-0.90
	42	-0.85	-0.83	-0.85	43	-0.85	-0.83	-0.85	44	-0.85	-0.83	-0.85
112	1	-1.27	-1.22	-1.27	7	-0.95	-0.92	-0.95	10	-0.90	-0.79	-0.90
	42	-0.87	-0.83	-0.87	43	-0.87	-0.83	-0.87	44	-0.87	-0.83	-0.87
113	1	-1.27	-1.15	-1.27	7	-0.96	-0.86	-0.96	10	-0.91	-0.75	-0.91
	42	-0.87	-0.77	-0.87	43	-0.87	-0.77	-0.87	44	-0.87	-0.77	-0.87
114	1	-1.27	-0.99	-1.27	7	-0.96	-0.74	-0.96	10	-0.93	-0.67	-0.93
	42	-0.88	-0.67	-0.88	43	-0.88	-0.67	-0.88	44	-0.88	-0.67	-0.88
116	1	-1.30	-1.14	-1.30	7	-0.98	-0.86	-0.98	10	-1.01	-0.84	-1.01
	42	-0.92	-0.79	-0.92	43	-0.92	-0.79	-0.92	44	-0.92	-0.79	-0.92
117	1	-1.14	-0.86	-1.14	7	-0.86	-0.64	-0.86	21	-0.85	-0.57	-0.85
	42	-0.79	-0.57	-0.79	43	-0.79	-0.57	-0.79	44	-0.79	-0.57	-0.79
118	1	-1.30	-1.32	-1.32	7	-0.98	-1.00	-1.00	10	-0.96	-1.03	-1.03
	42	-0.91	-0.93	-0.93	43	-0.91	-0.93	-0.93	44	-0.91	-0.93	-0.93
119	1	-1.31	-1.30	-1.31	7	-0.99	-0.98	-0.99	10	-0.94	-0.96	-0.96
	42	-0.90	-0.91	-0.91	43	-0.90	-0.91	-0.91	44	-0.90	-0.91	-0.91
120	1	-1.30	-1.31	-1.31	7	-0.98	-0.99	-0.99	10	-0.94	-0.94	-0.94
	42	-0.89	-0.90	-0.90	43	-0.89	-0.90	-0.90	44	-0.89	-0.90	-0.90
121	1	-1.27	-1.30	-1.30	7	-0.96	-0.98	-0.98	10	-0.94	-0.94	-0.94
	42	-0.88	-0.89	-0.89	43	-0.88	-0.89	-0.89	44	-0.88	-0.89	-0.89
122	1	-1.27	-1.27	-1.27	7	-0.96	-0.96	-0.96	10	-0.96	-0.94	-0.96
	42	-0.89	-0.88	-0.89	43	-0.89	-0.88	-0.89	44	-0.89	-0.88	-0.89
123	1	-1.25	-1.25	-1.25	7	-0.94	-0.94	-0.94	11	-0.96	-0.92	-0.96
	42	-0.87	-0.86	-0.87	43	-0.87	-0.86	-0.87	44	-0.87	-0.86	-0.87
124	1	-1.25	-1.24	-1.25	7	-0.94	-0.93	-0.94	11	-0.92	-0.89	-0.92
	42	-0.86	-0.85	-0.86	43	-0.86	-0.85	-0.86	44	-0.86	-0.85	-0.86
135	1	-0.99	-0.60	-0.99	7	-0.74	-0.46	-0.74	18	-0.69	-0.47	-0.69
	42	-0.67	-0.42	-0.67	43	-0.67	-0.42	-0.67	44	-0.67	-0.42	-0.67
136	1	-0.62	-0.60	-0.62	7	-0.47	-0.45	-0.47	17	-0.49	-0.45	-0.49
	42	-0.44	-0.42	-0.44	43	-0.44	-0.42	-0.44	44	-0.44	-0.42	-0.44
137	1	-0.87	-0.58	-0.87	7	-0.65	-0.45	-0.65	11	-0.59	-0.44	-0.59
	42	-0.59	-0.42	-0.59	43	-0.59	-0.42	-0.59	44	-0.59	-0.42	-0.59
138	1	-0.60	-0.59	-0.60	7	-0.45	-0.45	-0.45	17	-0.45	-0.44	-0.45
	42	-0.42	-0.42	-0.42	43	-0.42	-0.42	-0.42	44	-0.42	-0.42	-0.42
140	1	-0.60	-0.54	-0.60	7	-0.46	-0.41	-0.46	25	-0.47	-0.44	-0.47
	42	-0.43	-0.40	-0.43	43	-0.43	-0.40	-0.43	44	-0.43	-0.40	-0.43
141	1	-0.54	-0.48	-0.54	7	-0.41	-0.37	-0.41	23	-0.44	-0.41	-0.44
	42	-0.40	-0.37	-0.40	43	-0.40	-0.37	-0.40	44	-0.40	-0.37	-0.40
142	3	-0.49	-0.47	-0.49	8	-0.38	-0.36	-0.38	23	-0.41	-0.39	-0.41
	42	-0.37	-0.35	-0.37	43	-0.37	-0.35	-0.37	44	-0.37	-0.35	-0.37
143	3	-0.47	-0.45	-0.47	8	-0.36	-0.34	-0.36	23	-0.39	-0.37	-0.39
	42	-0.35	-0.33	-0.35	43	-0.35	-0.33	-0.35	44	-0.35	-0.33	-0.35
144	5	-0.48	-0.47	-0.48	9	-0.37	-0.36	-0.37	22	-0.37	-0.30	-0.37
	42	-0.34	-0.33	-0.34	43	-0.34	-0.33	-0.34	44	-0.34	-0.33	-0.34
145	3	-0.49	-0.46	-0.49	8	-0.37	-0.35	-0.37	22	-0.40	-0.38	-0.40
	42	-0.36	-0.34	-0.36	43	-0.36	-0.34	-0.36	44	-0.36	-0.34	-0.36
146	3	-0.51	-0.49	-0.51	7	-0.39	-0.37	-0.39	22	-0.41	-0.40	-0.41
	42	-0.38	-0.36	-0.38	43	-0.38	-0.36	-0.38	44	-0.38	-0.36	-0.38
147	1	-0.58	-0.51	-0.58	7	-0.44	-0.39	-0.44	17	-0.43	-0.39	-0.43
	42	-0.42	-0.38	-0.42	43	-0.42	-0.38	-0.42	44	-0.42	-0.38	-0.42
148	1	-0.66	-0.58	-0.66	7	-0.50	-0.44	-0.50	21	-0.47	-0.42	-0.47
	42	-0.46	-0.42	-0.46	43	-0.46	-0.42	-0.46	44	-0.46	-0.42	-0.46
150	1	-0.51	-0.49	-0.51	7	-0.39	-0.37	-0.39	23	-0.37	-0.41	-0.41
	42	-0.38	-0.37	-0.38	43	-0.38	-0.37	-0.38	44	-0.38	-0.37	-0.38
157	1	-0.75	-0.76	-0.76	7	-0.56	-0.57	-0.57	16	-0.52	-0.52	-0.52
	42	-0.50	-0.51	-0.51	43	-0.50	-0.51	-0.51	44	-0.50	-0.51	-0.51
158	1	-0.74	-0.64	-0.74	7	-0.55	-0.48	-0.55	16	-0.51	-0.46	-0.51
	42	-0.50	-0.44	-0.50	43	-0.50	-0.44	-0.50	44	-0.50	-0.44	-0.50
159	1	-0.64	-0.61	-0.64	7	-0.48	-0.46	-0.48	16	-0.46	-0.45	-0.46
	42	-0.44	-0.43	-0.44	43	-0.44	-0.43	-0.44	44	-0.44	-0.43	-0.44
160	1	-0.61	-0.58	-0.61	7	-0.46	-0.44	-0.46	23	-0.46	-0.47	-0.47
	42	-0.43	-0.41	-0.43	43	-0.43	-0.41	-0.43	44	-0.43	-0.41	-0.43
161	1	-0.57	-0.51	-0.57	7	-0.43	-0.38	-0.43	23	-0.46	-0.40	-0.46
	42	-0.41	-0.36	-0.41	43	-0.41	-0.36	-0.41	44	-0.41	-0.36	-0.41
162	1	-0.53	-0.49	-0.53	7	-0.41	-0.38	-0.41	19	-0.41	-0.40	-0.41
	42	-0.38	-0.36	-0.38	43	-0.38	-0.36	-0.38	44	-0.38	-0.36	-0.38
163	1	-0.65	-0.53	-0.65	7	-0.49	-0.41	-0.49	19	-0.47	-0.41	-0.47

	42	-0.45	-0.38	-0.45	43	-0.45	-0.38	-0.45	44	-0.45	-0.38	-0.45
164	1	-0.79	-0.76	-0.79	7	-0.59	-0.57	-0.59	11	-0.54	-0.52	-0.54
	42	-0.54	-0.52	-0.54	43	-0.54	-0.52	-0.54	44	-0.54	-0.52	-0.54
165	1	-0.65	-0.67	-0.67	7	-0.49	-0.50	-0.50	19	-0.46	-0.47	-0.47
	42	-0.45	-0.46	-0.46	43	-0.45	-0.46	-0.46	44	-0.45	-0.46	-0.46
166	1	-0.55	-0.59	-0.59	7	-0.42	-0.45	-0.45	21	-0.42	-0.46	-0.46
	42	-0.39	-0.42	-0.42	43	-0.39	-0.42	-0.42	44	-0.39	-0.42	-0.42
167	1	-0.67	-0.66	-0.67	7	-0.50	-0.50	-0.50	19	-0.47	-0.47	-0.47
	42	-0.46	-0.46	-0.46	43	-0.46	-0.46	-0.46	44	-0.46	-0.46	-0.46
168	1	-0.63	-0.62	-0.63	7	-0.48	-0.47	-0.48	21	-0.46	-0.46	-0.46
	42	-0.44	-0.44	-0.44	43	-0.44	-0.44	-0.44	44	-0.44	-0.44	-0.44
175	1	-0.76	-0.77	-0.77	7	-0.57	-0.58	-0.58	16	-0.52	-0.53	-0.53
	42	-0.51	-0.52	-0.52	43	-0.51	-0.52	-0.52	44	-0.51	-0.52	-0.52
176	1	-0.76	-0.74	-0.76	7	-0.57	-0.55	-0.57	21	-0.52	-0.51	-0.52
	42	-0.52	-0.50	-0.52	43	-0.52	-0.50	-0.52	44	-0.52	-0.50	-0.52
177	1	-0.66	-0.66	-0.66	7	-0.50	-0.50	-0.50	21	-0.47	-0.47	-0.47
	42	-0.46	-0.46	-0.46	43	-0.46	-0.46	-0.46	44	-0.46	-0.46	-0.46
178	1	-0.62	-0.60	-0.62	7	-0.47	-0.46	-0.47	21	-0.46	-0.46	-0.46
	42	-0.44	-0.43	-0.44	43	-0.44	-0.43	-0.44	44	-0.44	-0.43	-0.44
186	1	-0.77	-0.78	-0.78	7	-0.58	-0.58	-0.58	16	-0.53	-0.53	-0.53
	42	-0.52	-0.53	-0.53	43	-0.52	-0.53	-0.53	44	-0.52	-0.53	-0.53
187	1	-0.74	-0.71	-0.74	7	-0.55	-0.53	-0.55	21	-0.51	-0.50	-0.51
	42	-0.50	-0.49	-0.50	43	-0.50	-0.49	-0.50	44	-0.50	-0.49	-0.50
188	1	-0.66	-0.65	-0.66	7	-0.50	-0.49	-0.50	21	-0.47	-0.47	-0.47
	42	-0.46	-0.45	-0.46	43	-0.46	-0.45	-0.46	44	-0.46	-0.45	-0.46
189	1	-0.60	-0.59	-0.60	7	-0.46	-0.44	-0.46	21	-0.46	-0.46	-0.46
	42	-0.43	-0.42	-0.43	43	-0.43	-0.42	-0.43	44	-0.43	-0.42	-0.43
196	1	-0.78	-0.79	-0.79	7	-0.58	-0.59	-0.59	16	-0.53	-0.54	-0.54
	42	-0.53	-0.53	-0.53	43	-0.53	-0.53	-0.53	44	-0.53	-0.53	-0.53
197	1	-0.71	-0.68	-0.71	7	-0.53	-0.51	-0.53	21	-0.50	-0.48	-0.50
	42	-0.49	-0.47	-0.49	43	-0.49	-0.47	-0.49	44	-0.49	-0.47	-0.49
198	1	-0.65	-0.65	-0.65	7	-0.49	-0.49	-0.49	21	-0.47	-0.47	-0.47
	42	-0.45	-0.45	-0.45	43	-0.45	-0.45	-0.45	44	-0.45	-0.45	-0.45
204	1	-0.79	-0.80	-0.80	7	-0.59	-0.60	-0.60	11	-0.54	-0.55	-0.55
	42	-0.53	-0.54	-0.54	43	-0.53	-0.54	-0.54	44	-0.53	-0.54	-0.54
205	1	-0.68	-0.65	-0.68	7	-0.51	-0.49	-0.51	21	-0.48	-0.47	-0.48
	42	-0.47	-0.45	-0.47	43	-0.47	-0.45	-0.47	44	-0.47	-0.45	-0.47
206	1	-0.65	-0.64	-0.65	7	-0.49	-0.49	-0.49	21	-0.47	-0.46	-0.47
	42	-0.45	-0.45	-0.45	43	-0.45	-0.45	-0.45	44	-0.45	-0.45	-0.45

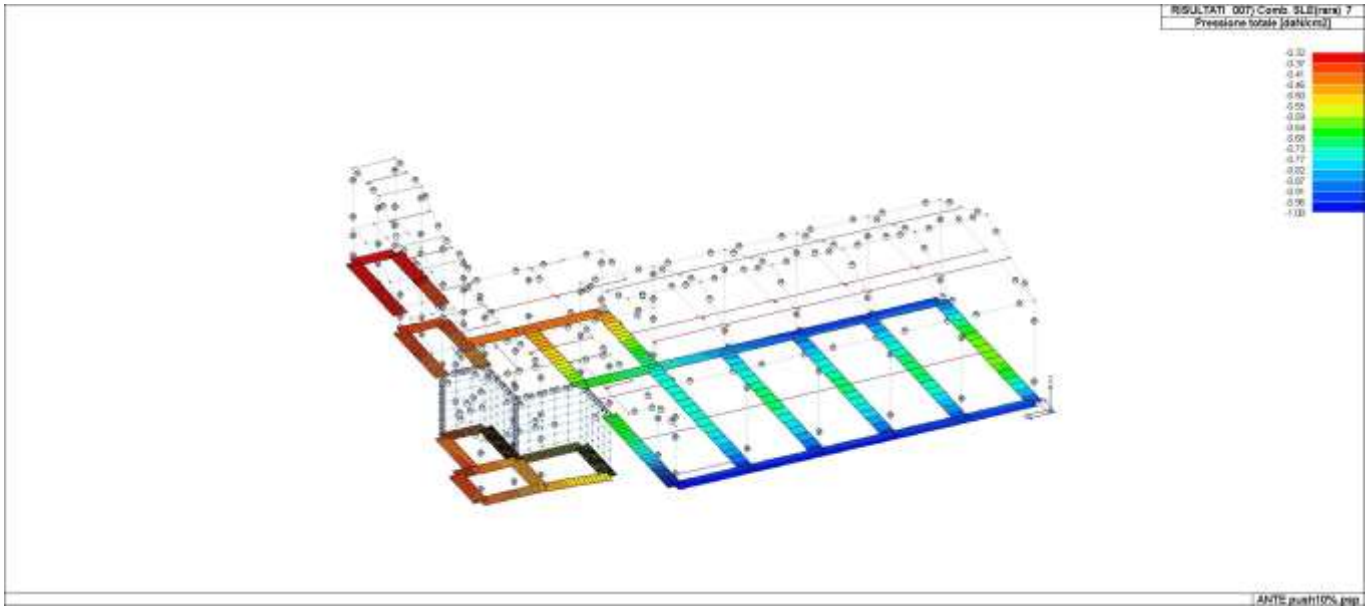
Elem.		**Pt ini**	**Pt fin**	**Pt max**		**Pt ini**	**Pt fin**	**Pt max**		**Pt ini**	**Pt fin**	**Pt max**
		-1.32										
		-0.30										



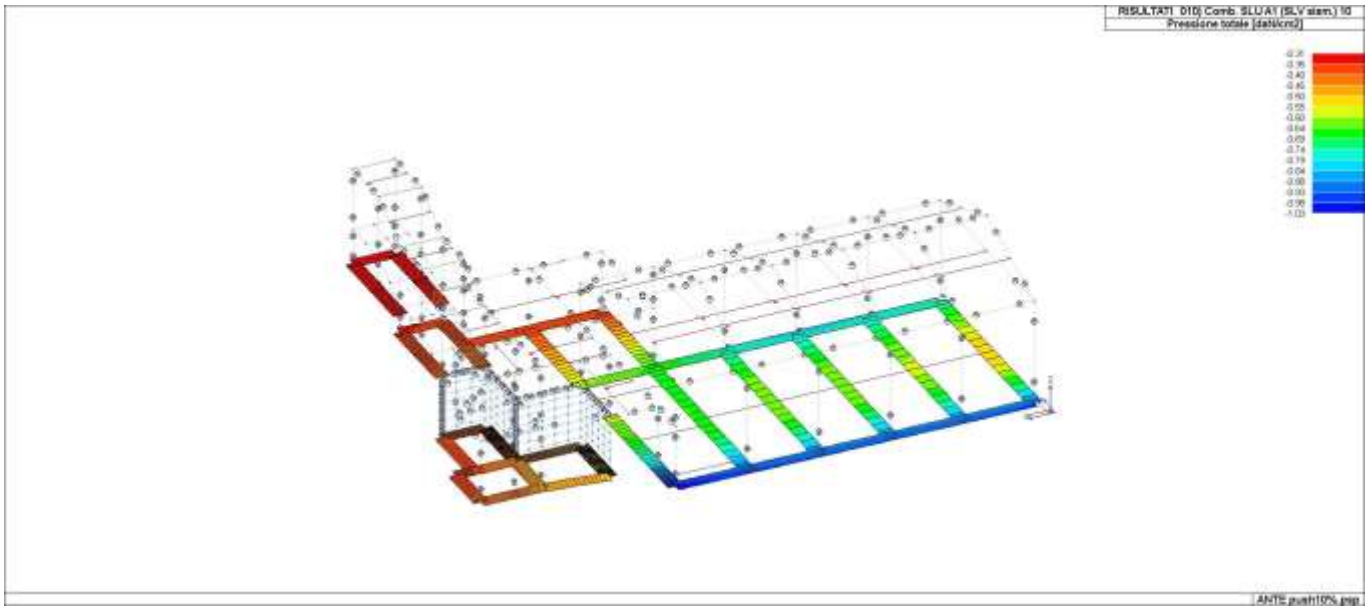
46_RIS_PRESSIONI_001_Comb. SLU A1 1



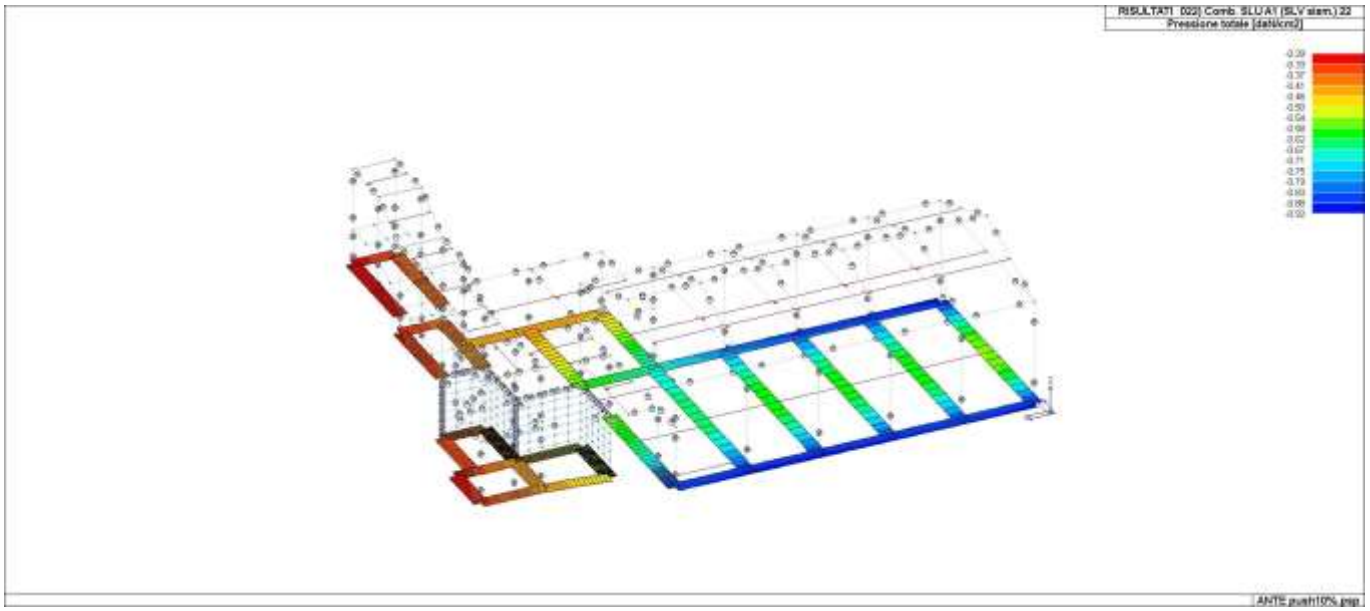
46_RIS_PRESSIONI_002_Comb. SLU A1 2



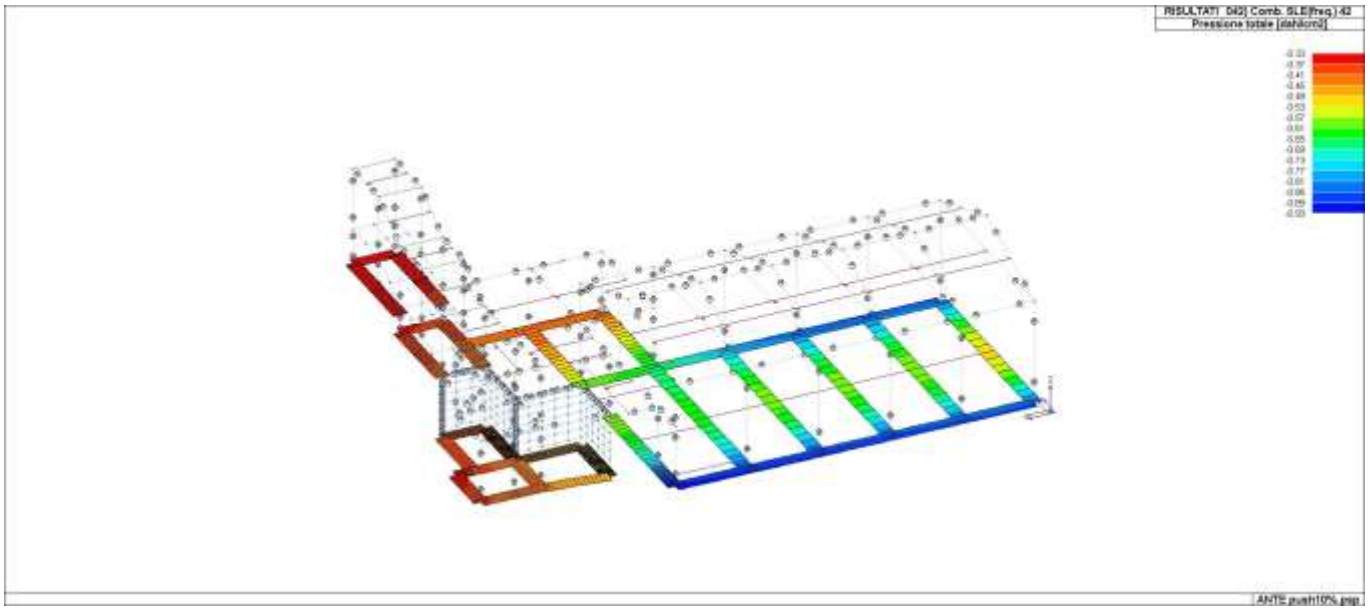
46_RIS_PRESSIONI_007_Comb. SLE(rara) 7



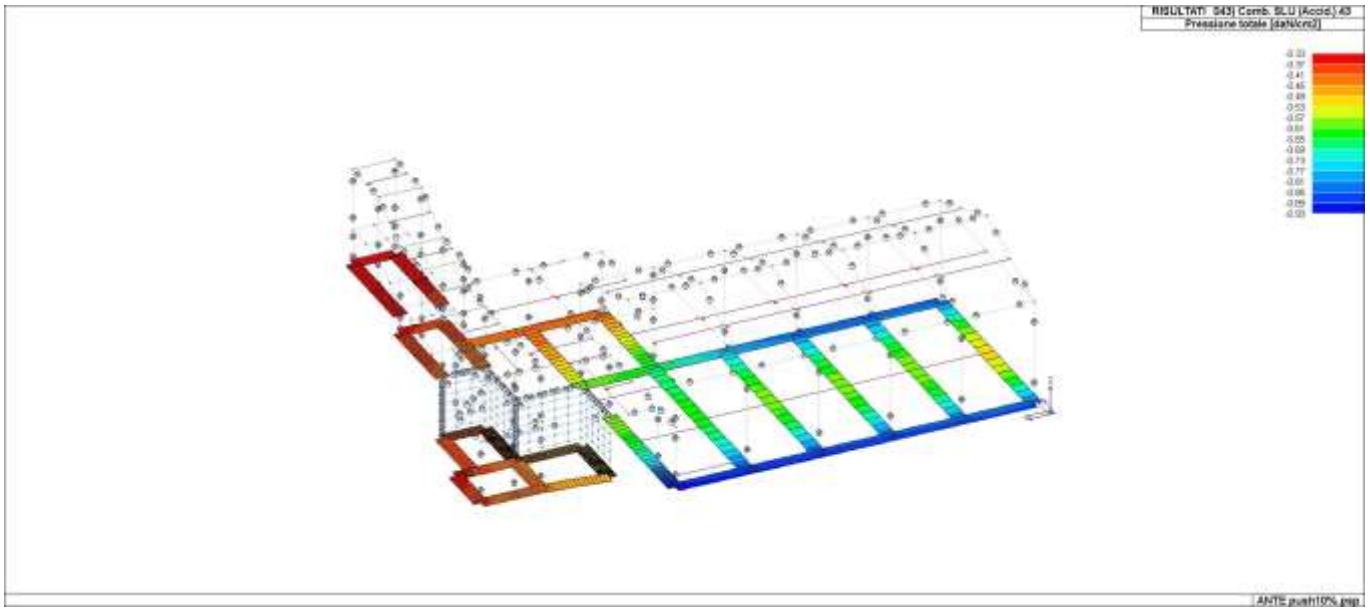
46_RIS_PRESSIONI_010_Comb. SLU A1 (SLV sism.) 10



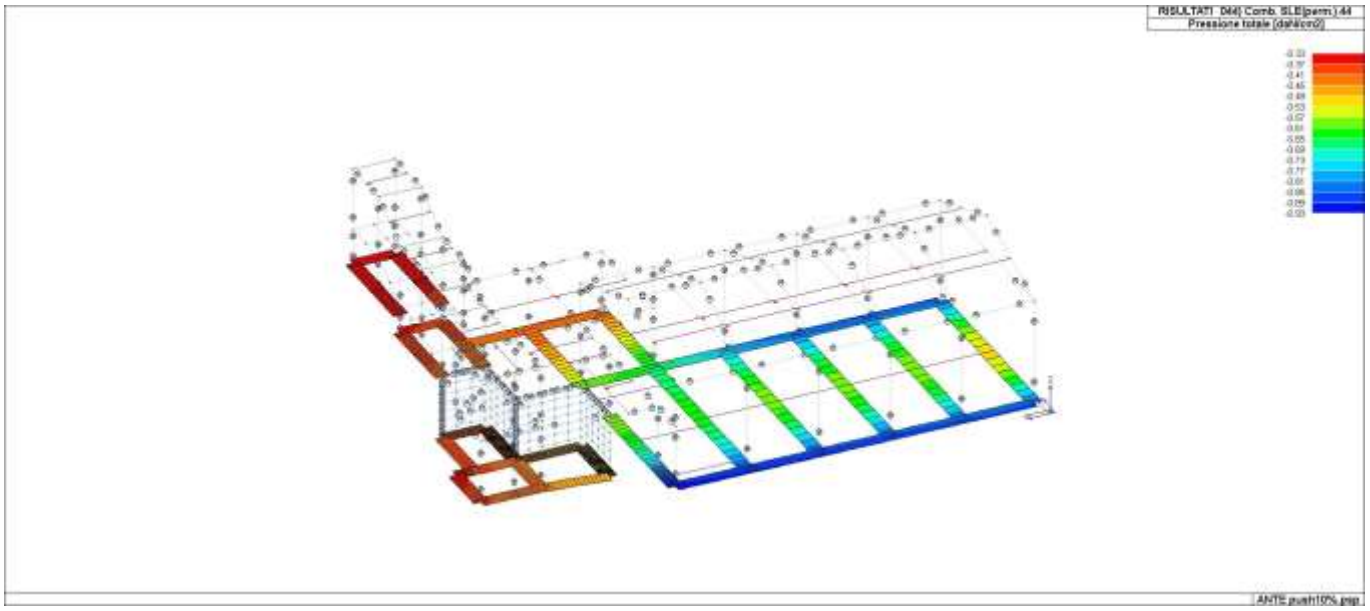
46_RIS_PRESSIONI_022_Comb. SLU A1 (SLV sism.) 22



46_RIS_PRESSIONI_042_Comb. SLE(freq.) 42



46_RIS_PRESSIONI_043_Comb. SLU (Accid.) 43



46_RIS_PRESSIONI_044_Comb. SLE(perm.) 44

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**

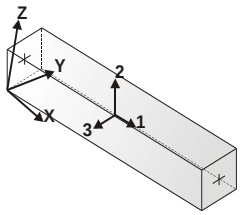
Per ogni elemento e per ogni combinazione (o caso di carico) vengono riportati i risultati più significativi.

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

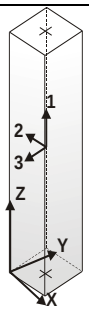
Pilas.	numero dell'elemento pilastro
Cmb	combinazione in cui si verificano i valori riportati
M3 mx/mn	momento flettente in campata M3 max (prima riga) / min (seconda riga)
M2 mx/mn	momento flettente in campata M2 max (prima riga) / min (seconda riga)
D2/D3	freccia massima in direzione 2 (prima riga) / 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.



orientamento elementi 2D non verticali



orientamento elementi 2D verticali

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	1	2.125e+05	7.090e+04	0.26	0.0	0.0	-4.614e+04	-2301.02	-240.46	-1965.66	7.090e+04	2.125e+05
		-1.168e+06	-7.338e+04	0.10	0.0	600.0	-4.263e+04	-2301.02	-240.46	-1965.66	-7.338e+04	-1.168e+06
1	2	2.422e+05	5.781e+04	0.21	0.0	0.0	-3.495e+04	-2122.28	-195.99	-1028.98	5.781e+04	2.422e+05
		-1.031e+06	-5.978e+04	0.09	0.0	600.0	-3.225e+04	-2122.28	-195.99	-1028.98	-5.978e+04	-1.031e+06
1	3	9.095e+04	8.130e+04	0.29	0.0	0.0	-4.758e+04	-2084.63	-274.89	-2601.15	8.130e+04	9.095e+04
		-1.160e+06	-8.363e+04	0.10	0.0	600.0	-4.407e+04	-2084.63	-274.89	-2601.15	-8.363e+04	-1.160e+06
1	6	1.519e+05	6.575e+04	0.22	0.0	0.0	-3.320e+04	-1934.62	-222.09	-1290.35	6.575e+04	1.519e+05
		-1.009e+06	-6.750e+04	0.08	0.0	600.0	-3.050e+04	-1934.62	-222.09	-1290.35	-6.750e+04	-1.009e+06
1	7	2.105e+05	6.003e+04	0.21	0.0	0.0	-3.482e+04	-2057.66	-203.29	-1068.77	6.003e+04	2.105e+05
		-1.024e+06	-6.194e+04	0.09	0.0	600.0	-3.212e+04	-2057.66	-203.29	-1068.77	-6.194e+04	-1.024e+06
1	8	1.610e+05	6.608e+04	0.24	0.0	0.0	-3.584e+04	-2121.25	-223.16	-1347.14	6.608e+04	1.610e+05
		-1.112e+06	-6.781e+04	0.08	0.0	600.0	-3.314e+04	-2121.25	-223.16	-1347.14	-6.781e+04	-1.112e+06
1	9	1.503e+05	6.533e+04	0.22	0.0	0.0	-3.366e+04	-1932.49	-220.69	-1242.95	6.533e+04	1.503e+05
		-1.009e+06	-6.709e+04	0.08	0.0	600.0	-3.096e+04	-1932.49	-220.69	-1242.95	-6.709e+04	-1.009e+06
1	10	6.453e+05	6.896e+04	0.58	0.0	0.0	-3.430e+04	-2904.20	234.50	-2.449e+04	-7.174e+04	6.453e+05
		-1.097e+06	-7.174e+04	-0.16	0.0	600.0	-3.160e+04	-2904.20	234.50	-2.449e+04	6.896e+04	-1.097e+06
1	12	6.370e+05	8765.90	0.57	0.0	0.0	-3.432e+04	-2884.57	34.30	-1.576e+04	-1.181e+04	6.370e+05
		-1.094e+06	-1.181e+04	-0.07	0.0	600.0	-3.162e+04	-2884.57	34.30	-1.576e+04	8765.90	-1.094e+06
1	13	-3.942e+05	1.309e+05	-0.31	0.0	0.0	-3.301e+04	-770.51	-437.01	1.221e+04	1.309e+05	-3.942e+05
		-8.565e+05	-1.313e+05	0.22	0.0	600.0	-3.031e+04	-770.51	-437.01	1.221e+04	-1.313e+05	-8.565e+05
1	14	6.143e+05	4.634e+04	0.55	0.0	0.0	-3.423e+04	-2870.35	158.87	-2.105e+04	-4.898e+04	6.143e+05
		-1.108e+06	-4.898e+04	-0.13	0.0	600.0	-3.153e+04	-2870.35	158.87	-2.105e+04	4.634e+04	-1.108e+06
1	18	1.425e+05	4.570e+05	0.20	0.0	0.0	-3.364e+04	-1907.37	-1524.06	5689.24	4.570e+05	1.425e+05
		-1.002e+06	-4.574e+05	0.71	0.0	600.0	-3.094e+04	-1907.37	-1524.06	5689.24	-4.574e+05	-1.002e+06
1	42	1.475e+05	6.363e+04	0.22	0.0	0.0	-3.367e+04	-1924.89	-215.08	-1172.85	6.363e+04	1.475e+05
		-1.007e+06	-6.542e+04	0.08	0.0	600.0	-3.097e+04	-1924.89	-215.08	-1172.85	-6.542e+04	-1.007e+06
1	43	1.475e+05	6.363e+04	0.22	0.0	0.0	-3.367e+04	-1924.89	-215.08	-1172.85	6.363e+04	1.475e+05
		-1.007e+06	-6.542e+04	0.08	0.0	600.0	-3.097e+04	-1924.89	-215.08	-1172.85	-6.542e+04	-1.007e+06
1	44	1.475e+05	6.363e+04	0.22	0.0	0.0	-3.367e+04	-1924.89	-215.08	-1172.85	6.363e+04	1.475e+05
		-1.007e+06	-6.542e+04	0.08	0.0	600.0	-3.097e+04	-1924.89	-215.08	-1172.85	-6.542e+04	-1.007e+06
2	1	1.978e+05	1.040e+05	0.28	0.0	0.0	-4.571e+04	-2447.86	-339.27	3051.36	1.040e+05	1.978e+05
		-1.271e+06	-9.954e+04	0.12	0.0	600.0	-4.220e+04	-2447.86	-339.27	3051.36	-9.954e+04	-1.271e+06
2	2	2.453e+05	8.705e+04	0.22	0.0	0.0	-3.482e+04	-2336.06	-284.21	2409.57	8.705e+04	2.453e+05
		-1.156e+06	-8.348e+04	0.10	0.0	600.0	-3.212e+04	-2336.06	-284.21	2409.57	-8.348e+04	-1.156e+06
2	3	5.506e+04	9.033e+04	0.31	0.0	0.0	-4.738e+04	-2237.26	-294.40	3968.54	9.033e+04	5.506e+04
		-1.287e+06	-8.632e+04	0.11	0.0	600.0	-4.387e+04	-2237.26	-294.40	3968.54	-8.632e+04	-1.287e+06
2	6	1.269e+05	6.897e+04	0.23	0.0	0.0	-3.326e+04	-2099.45	-224.85	2989.15	6.897e+04	1.269e+05
		-1.133e+06	-6.594e+04	0.09	0.0	600.0	-3.056e+04	-2099.45	-224.85	2989.15	-6.594e+04	-1.133e+06
2	7	2.049e+05	8.221e+04	0.23	0.0	0.0	-3.475e+04	-2257.46	-268.33	2536.22	8.221e+04	2.049e+05
		-1.150e+06	-7.879e+04	0.10	0.0	600.0	-3.205e+04	-2257.46	-268.33	2536.22	-7.879e+04	-1.150e+06
2	8	1.388e+05	7.440e+04	0.25	0.0	0.0	-3.591e+04	-2309.61	-242.84	2943.76	7.440e+04	1.388e+05
		-1.247e+06	-7.130e+04	0.09	0.0	600.0	-3.321e+04	-2309.61	-242.84	2943.76	-7.130e+04	-1.247e+06
2	9	1.259e+05	7.015e+04	0.23	0.0	0.0	-3.371e+04	-2099.83	-228.76	2922.42	7.015e+04	1.259e+05
		-1.134e+06	-6.710e+04	0.09	0.0	600.0	-3.101e+04	-2099.83	-228.76	2922.42	-6.710e+04	-1.134e+06
2	10	1.020e+06	1.036e+05	0.87	0.0	0.0	-3.417e+04	-3920.50	342.12	-1.486e+04	-1.017e+05	1.020e+06
		-1.332e+06	-1.017e+05	-0.16	0.0	600.0	-3.147e+04	-3920.50	342.12	-1.486e+04	1.036e+05	-1.332e+06
2	11	-7.887e+05	2.210e+05	-0.57	0.0	0.0	-3.308e+04	-30.49	-729.83	1.920e+04	2.210e+05	-7.887e+05
		-8.070e+05	-2.169e+05	0.30	0.0	600.0	-3.038e+04	-30.49	-729.83	1.920e+04	-2.169e+05	-8.070e+05
2	12	8.562e+05	4.234e+04	0.73	0.0	0.0	-3.418e+04	-3607.08	137.14	-6470.70	-3.995e+04	8.562e+05
		-1.308e+06	-3.995e+04	-0.06	0.0	600.0	-3.148e+04	-3607.08	137.14	-6470.70	4.234e+04	-1.308e+06
2	18	-2.436e+04	4.697e+05	0.18	0.0	0.0	-3.394e+04	-1777.54	-1554.50	8780.83	4.697e+05	-2.436e+04
		-1.091e+06	-4.630e+05	0.72	0.0	600.0	-3.124e+04	-1777.54	-1554.50	8780.83	-4.630e+05	-1.091e+06
2	42	1.251e+05	6.843e+04	0.23	0.0	0.0	-3.370e+04	-2097.99	-223.06	2803.94	6.843e+04	1.251e+05
		-1.134e+06	-6.540e+04	0.09	0.0	600.0	-3.100e+04	-2097.99	-223.06	2803.94	-6.540e+04	-1.134e+06
2	43	1.251e+05	6.843e+04	0.23	0.0	0.0	-3.370e+04	-2097.99	-223.06	2803.94	6.843e+04	1.251e+05
		-1.134e+06	-6.540e+04	0.09	0.0	600.0	-3.100e+04	-2097.99	-223.06	2803.94	-6.540e+04	-1.134e+06
2	44	1.251e+05	6.843e+04	0.23	0.0	0.0	-3.370e+04	-2097.99	-223.06	2803.94	6.843e+04	1.251e+05
		-1.134e+06	-6.540e+04	0.09	0.0	600.0	-3.100e+04	-2097.99	-223.06	2803.94	-6.540e+04	-1.134e+06
8	1	1.130e+06	5.131e+04	-0.17	0.0	0.0	-3.182e+04	1146.61	-211.73	2049.29	5.131e+04	4.417e+05
		4.417e+05	-7.573e+04	0.08	0.0	600.0	-2.831e+04	1146.61	-211.73	2049.29	-7.573e+04	1.130e+06
8	2	9.816e+05	4.174e+04	-0.14	0.0	0.0	-2.433e+04	1177.08	-170.26	1743.36	4.174e+04	2.754e+05
		2.754e+05	-6.042e+04	0.07	0.0	600.0	-2.163e+04	1177.08	-170.26	1743.36	-6.042e+04	9.816e+05
8	3	1.196e+06	3.502e+04	-0.18	0.0	0.0	-3.271e+04	1141.74	-157.69	1336.06	3.502e+04	5.110e+05
		5.110e+05	-5.959e+04	0.07	0.0	600.0	-2.920e+04	1141.74	-157.69	1336.06	-5.959e+04	1.196e+06
8	6	9.866e+05	2.366e+04	-0.14	0.0	0.0	-2.296e+04	1157.99	-108.49	1471.32	2.366e+04	2.918e+05
		2.918e+05	-4.143e+04	0.05	0.0	600.0	-2.026e+04	1157.99	-108.49	1471.32	-4.143e+04	9.866e+05
8	7	9.822e+05	3.703e+04	-0.14	0.0	0.0	-2.415e+04	1157.40	-154.31	1660.98	3.703e+04	2.877e+05
		2.877e+05	-5.556e+04	0.06	0.0	600.0	-2.145e+04	1157.40	-154.31	1660.98	-5.556e+04	9.822e+05
8	8	1.046e+06	2.786e+04	-0.15	0.0	0.0	-2.468e+04	1206.41	-123.90	1299.09	2.786e+04	3.223e+05
		3.223e+05	-4.648e+04	0.06	0.0	600.0	-2.198e+04	1206.41	-123.90	1299.09	-4.648e+04	1.046e+06
8	9	9.855e+05	2.498e+04	-0.14	0.0	0.0	-2.324e+04	1144.72	-113.14	1479.88	2.498e+04	2.987e+05
		2.987e+05	-4.291e+04	0.05	0.0	600.0	-2.054e+04	1144.72	-113.14	1479.88	-4.291e+04	9.855e+05

8	10	1.393e+06	7.835e+04	0.90	0.0	0.0	-2.227e+04	-1559.50	-286.86	-1.573e+04	7.835e+04	1.393e+06	
		4.576e+05	-9.377e+04	0.09	0.0	600.0	-1.957e+04	-1559.50	-286.86	-1.573e+04	-9.377e+04	4.576e+05	
8	11	1.340e+06	5244.45	-0.70	0.0	0.0	-2.414e+04	3385.25	51.34	1.701e+04	-2.556e+04	-6.911e+05	
		-6.911e+05	-2.556e+04	0.02	0.0	600.0	-2.144e+04	3385.25	51.34	1.701e+04	5244.45	1.340e+06	
8	18	1.048e+06	3.327e+05	-0.20	0.0	0.0	-2.439e+04	1457.11	-1123.26	6121.97	3.327e+05	1.735e+05	
		1.735e+05	-3.413e+05	0.60	0.0	600.0	-2.169e+04	1457.11	-1123.26	6121.97	-3.413e+05	1.048e+06	
8	21	8.874e+05	2.551e+05	0.28	0.0	0.0	-2.199e+04	636.09	895.65	-6686.76	-2.823e+05	5.058e+05	
		5.058e+05	-2.823e+05	-0.50	0.0	600.0	-1.929e+04	636.09	895.65	-6686.76	2.551e+05	8.874e+05	
8	42	9.852e+05	2.446e+04	-0.14	0.0	0.0	-2.323e+04	1144.37	-111.45	1365.30	2.446e+04	2.986e+05	
		2.986e+05	-4.241e+04	0.05	0.0	600.0	-2.053e+04	1144.37	-111.45	1365.30	-4.241e+04	9.852e+05	
8	43	9.852e+05	2.446e+04	-0.14	0.0	0.0	-2.323e+04	1144.37	-111.45	1365.30	2.446e+04	2.986e+05	
		2.986e+05	-4.241e+04	0.05	0.0	600.0	-2.053e+04	1144.37	-111.45	1365.30	-4.241e+04	9.852e+05	
8	44	9.852e+05	2.446e+04	-0.14	0.0	0.0	-2.323e+04	1144.37	-111.45	1365.30	2.446e+04	2.986e+05	
		2.986e+05	-4.241e+04	0.05	0.0	600.0	-2.053e+04	1144.37	-111.45	1365.30	-4.241e+04	9.852e+05	
9	1	-1.464e+05	4.711e+04	0.05	0.0	0.0	-5.611e+04	-242.18	438.76	9045.22	-1.108e+05	-1.464e+05	
		-2.336e+05	-1.108e+05	0.03	0.0	360.0	-5.401e+04	-242.18	438.76	9045.22	4.711e+04	-2.336e+05	
9	3	-2.744e+04	5.129e+04	0.04	0.0	0.0	-5.561e+04	-384.41	461.12	8243.68	-1.147e+05	-2.744e+04	
		-1.658e+05	-1.147e+05	0.02	0.0	360.0	-5.350e+04	-384.41	461.12	8243.68	5.129e+04	-1.658e+05	
9	5	-2.710e+04	4.046e+04	0.04	0.0	0.0	-5.250e+04	-425.72	386.99	7965.69	-9.886e+04	-2.710e+04	
		-1.804e+05	-9.886e+04	0.02	0.0	360.0	-5.039e+04	-425.72	386.99	7965.69	4.046e+04	-1.804e+05	
9	6	-4.723e+04	2.440e+04	0.02	0.0	0.0	-3.947e+04	-170.54	257.15	7358.12	-6.818e+04	-4.723e+04	
		-1.086e+05	-6.818e+04	0.02	0.0	360.0	-3.785e+04	-170.54	257.15	7358.12	2.440e+04	-1.086e+05	
9	7	-1.260e+05	2.918e+04	0.03	0.0	0.0	-4.249e+04	-75.49	293.85	7556.26	-7.661e+04	-1.260e+05	
		-1.532e+05	-7.661e+04	0.03	0.0	360.0	-4.087e+04	-75.49	293.85	7556.26	2.918e+04	-1.532e+05	
9	8	-7.215e+04	3.166e+04	0.02	0.0	0.0	-4.214e+04	-48.71	308.36	8035.37	-7.935e+04	-7.215e+04	
		-8.968e+04	-7.935e+04	0.02	0.0	360.0	-4.052e+04	-48.71	308.36	8035.37	3.166e+04	-8.968e+04	
9	9	-5.279e+04	2.560e+04	0.02	0.0	0.0	-4.006e+04	-163.08	265.49	7374.40	-6.997e+04	-5.279e+04	
		-1.115e+05	-6.997e+04	0.02	0.0	360.0	-3.844e+04	-163.08	265.49	7374.40	2.560e+04	-1.115e+05	
9	16	5.587e+05	5.648e+04	0.20	0.0	0.0	-4.121e+04	-2196.94	400.86	-3835.01	-8.783e+04	5.587e+05	
		-2.322e+05	-8.783e+04	0.01	0.0	360.0	-3.959e+04	-2196.94	400.86	-3835.01	5.648e+04	-2.322e+05	
9	17	1.049e+05	42.64	-0.18	0.0	0.0	-3.876e+04	2434.13	157.07	1.943e+04	-5.650e+04	-7.714e+05	
		-7.714e+05	-5.650e+04	0.03	0.0	360.0	-3.714e+04	2434.13	157.07	1.943e+04	42.64	1.049e+05	
9	18	6.149e+04	2.550e+05	-7.08e-03	0.0	0.0	-4.330e+04	724.29	-1025.23	1.611e+04	2.550e+05	-1.993e+05	
		-1.993e+05	-1.140e+05	0.31	0.0	360.0	-4.168e+04	724.29	-1025.23	1.611e+04	-1.140e+05	6.149e+04	
9	19	9.604e+04	1.549e+05	0.05	0.0	0.0	-3.703e+04	-1074.16	1505.05	-2245.26	-3.869e+05	9.604e+04	
		-2.907e+05	-3.869e+05	-0.26	0.0	360.0	-3.541e+04	-1074.16	1505.05	-2245.26	1.549e+05	-2.907e+05	
9	24	5.819e+04	2.695e+05	-5.43e-03	0.0	0.0	-4.284e+04	699.06	-1149.36	1.732e+04	2.695e+05	-1.935e+05	
		-1.935e+05	-1.443e+05	0.31	0.0	360.0	-4.122e+04	699.06	-1149.36	1.732e+04	-1.443e+05	5.819e+04	
9	25	8.806e+04	1.920e+05	0.05	0.0	0.0	-3.731e+04	-1039.57	1658.38	-3442.89	-4.051e+05	8.806e+04	
		-2.862e+05	-4.051e+05	-0.26	0.0	360.0	-3.569e+04	-1039.57	1658.38	-3442.89	1.920e+05	-2.862e+05	
9	42	-5.952e+04	2.689e+04	0.02	0.0	0.0	-4.007e+04	-131.05	272.86	7359.52	-7.134e+04	-5.952e+04	
		-1.067e+05	-7.134e+04	0.02	0.0	360.0	-3.845e+04	-131.05	272.86	7359.52	2.689e+04	-1.067e+05	
9	43	-5.952e+04	2.689e+04	0.02	0.0	0.0	-4.007e+04	-131.05	272.86	7359.52	-7.134e+04	-5.952e+04	
		-1.067e+05	-7.134e+04	0.02	0.0	360.0	-3.845e+04	-131.05	272.86	7359.52	2.689e+04	-1.067e+05	
9	44	-5.952e+04	2.689e+04	0.02	0.0	0.0	-4.007e+04	-131.05	272.86	7359.52	-7.134e+04	-5.952e+04	
		-1.067e+05	-7.134e+04	0.02	0.0	360.0	-3.845e+04	-131.05	272.86	7359.52	2.689e+04	-1.067e+05	
10	1	1.192e+06	6.830e+04	-0.13	0.0	0.0	-4.545e+04	1711.80	-220.89	1988.37	6.830e+04	1.651e+05	
		1.651e+05	-6.424e+04	0.07	0.0	600.0	-4.194e+04	1711.80	-220.89	1988.37	-6.424e+04	1.192e+06	
10	2	1.053e+06	5.546e+04	-0.11	0.0	0.0	-3.445e+04	1692.19	-179.44	1727.41	5.546e+04	3.768e+04	
		3.768e+04	-5.220e+04	0.06	0.0	600.0	-3.175e+04	1692.19	-179.44	1727.41	-5.220e+04	1.053e+06	
10	3	1.220e+06	5.354e+04	-0.16	0.0	0.0	-4.712e+04	1474.20	-172.49	1623.44	5.354e+04	3.359e+05	
		3.359e+05	-4.996e+04	0.07	0.0	600.0	-4.361e+04	1474.20	-172.49	1623.44	-4.996e+04	1.220e+06	
10	6	1.030e+06	3.675e+04	-0.12	0.0	0.0	-3.290e+04	1457.91	-117.96	1648.23	3.675e+04	1.555e+05	
		1.555e+05	-3.403e+04	0.05	0.0	600.0	-3.020e+04	1457.91	-117.96	1648.23	-3.403e+04	1.030e+06	
10	7	1.046e+06	5.058e+04	-0.11	0.0	0.0	-3.438e+04	1610.61	-163.44	1688.63	5.058e+04	7.955e+04	
		7.955e+04	-4.748e+04	0.06	0.0	600.0	-3.168e+04	1610.61	-163.44	1688.63	-4.748e+04	1.046e+06	
10	8	1.141e+06	4.196e+04	-0.14	0.0	0.0	-3.554e+04	1636.68	-135.22	1507.13	4.196e+04	1.591e+05	
		1.591e+05	-3.918e+04	0.05	0.0	600.0	-3.284e+04	1636.68	-135.22	1507.13	-3.918e+04	1.141e+06	
10	9	1.031e+06	3.811e+04	-0.12	0.0	0.0	-3.334e+04	1454.54	-122.46	1636.05	3.811e+04	1.581e+05	
		1.581e+05	-3.537e+04	0.05	0.0	600.0	-3.064e+04	1454.54	-122.46	1636.05	-3.537e+04	1.031e+06	
10	11	1.287e+06	1.136e+04	-0.62	0.0	0.0	-3.401e+04	3353.51	33.09	1.802e+04	-8497.66	-7.247e+05	
		-7.247e+05	-8497.66	0.01	0.0	600.0	-3.131e+04	3353.51	33.09	1.802e+04	1.136e+04	1.287e+06	
10	13	1.267e+06	1.313e+04	-0.53	0.0	0.0	-3.403e+04	3123.81	-38.78	1.046e+04	1.313e+04	-6.074e+05	
		-6.074e+05	-1.014e+04	0.04	0.0	600.0	-3.133e+04	3123.81	-38.78	1.046e+04	-1.014e+04	1.267e+06	
10	18	1.086e+06	3.759e+05	-0.17	0.0	0.0	-3.403e+04	1751.13	-1243.12	7122.22	3.759e+05	3.565e+04	
		3.565e+04	-3.700e+05	0.60	0.0	600.0	-3.133e+04	1751.13	-1243.12	7122.22	-3.700e+05	1.086e+06	
10	21	9.554e+05	2.994e+05	0.24	0.0	0.0	-3.254e+04	1030.82	998.77	-7451.60	-2.999e+05	3.369e+05	
		3.369e+05	-2.999e+05	-0.50	0.0	600.0	-2.984e+04	1030.82	998.77	-7451.60	2.994e+05	9.554e+05	
10	42	1.031e+06	3.754e+04	-0.12	0.0	0.0	-3.334e+04	1456.51	-120.58	1518.02	3.754e+04	1.571e+05	
		1.571e+05	-3.481e+04	0.05	0.0	600.0	-3.064e+04	1456.51	-120.58	1518.02	-3.481e+04	1.031e+06	
10	43	1.031e+06	3.754e+04	-0.12	0.0	0.0	-3.334e+04	1456.51	-120.58	1518.02	3.754e+04	1.571e+05	
		1.571e+05	-3.481e+04	0.05	0.0	600.0	-3.064e+04	1456.51	-120.58	1518.02	-3.481e+04	1.031e+06	
10	44	1.031e+06	3.754e+04	-0.12	0.0	0.0	-3.334e+04	1456.51	-120.58	1518.02	3.754e+04	1.571e+05	
		1.571e+05	-3.481e+04	0.05	0.0	600.0	-3.064e+04	1456.51	-120.58	1518.02	-3.481e+04	1.031e+06	
13	1	-1.031e+05	7.229e+04	0.29	0.0	0.0	-3.225e+04	-1872.22	-281.02	4023.17	7.229e+04	-1.031e+05	
		-1.226e+06	-9.633e+04	0.12	0.0	600.0	-2.874e+04	-1872.22	-281.02	4023.17	-9.633e+04	-1.226e+06	
13	2	-2.972e+04	6.243e+04	0.23	0.0	0.0	-2.465e+04	-1708.11	-238.65	3190.87	6.243e+04	-2.972e+04	

		-1.055e+06	-8.076e+04	0.10	0.0	600.0	-2.195e+04	-1708.11	-238.65	3190.87	-8.076e+04	-1.055e+06
13	3	-1.413e+05	5.612e+04	0.31	0.0	0.0	-3.317e+04	-1927.19	-227.40	5277.08	5.612e+04	-1.413e+05
		-1.298e+06	-8.032e+04	0.12	0.0	600.0	-2.966e+04	-1927.19	-227.40	5277.08	-8.032e+04	-1.298e+06
13	6	-5.092e+04	4.524e+04	0.23	0.0	0.0	-2.328e+04	-1676.08	-179.79	3847.67	4.524e+04	-5.092e+04
		-1.057e+06	-6.263e+04	0.09	0.0	600.0	-2.058e+04	-1676.08	-179.79	3847.67	-6.263e+04	-1.057e+06
13	7	-4.144e+04	5.775e+04	0.23	0.0	0.0	-2.447e+04	-1689.45	-222.82	3335.66	5.775e+04	-4.144e+04
		-1.055e+06	-7.594e+04	0.10	0.0	600.0	-2.177e+04	-1689.45	-222.82	3335.66	-7.594e+04	-1.055e+06
13	8	-6.350e+04	4.882e+04	0.25	0.0	0.0	-2.502e+04	-1764.19	-193.16	3912.66	4.882e+04	-6.350e+04
		-1.122e+06	-6.708e+04	0.10	0.0	600.0	-2.232e+04	-1764.19	-193.16	3912.66	-6.708e+04	-1.122e+06
13	9	-5.557e+04	4.630e+04	0.23	0.0	0.0	-2.356e+04	-1668.13	-183.59	3773.28	4.630e+04	-5.557e+04
		-1.056e+06	-6.385e+04	0.09	0.0	600.0	-2.086e+04	-1668.13	-183.59	3773.28	-6.385e+04	-1.056e+06
13	10	9.949e+05	9.699e+04	0.93	0.0	0.0	-2.402e+04	-4021.15	362.55	-1.331e+04	-1.205e+05	9.949e+05
		-1.418e+06	-1.205e+05	-0.15	0.0	600.0	-2.132e+04	-4021.15	362.55	-1.331e+04	9.699e+04	-1.418e+06
13	18	-2.856e+05	4.141e+05	0.17	0.0	0.0	-2.444e+04	-1145.33	-1390.47	1.041e+04	4.141e+05	-2.856e+05
		-9.728e+05	-4.202e+05	0.72	0.0	600.0	-2.174e+04	-1145.33	-1390.47	1.041e+04	-4.202e+05	-9.728e+05
13	19	1.755e+05	2.960e+05	0.31	0.0	0.0	-2.266e+04	-2194.78	1035.45	-3033.56	-3.252e+05	1.755e+05
		-1.141e+06	-3.252e+05	-0.55	0.0	600.0	-1.996e+04	-2194.78	1035.45	-3033.56	2.960e+05	-1.141e+06
13	42	-5.531e+04	4.472e+04	0.23	0.0	0.0	-2.355e+04	-1669.16	-178.41	3652.61	4.472e+04	-5.531e+04
		-1.057e+06	-6.233e+04	0.09	0.0	600.0	-2.085e+04	-1669.16	-178.41	3652.61	-6.233e+04	-1.057e+06
13	43	-5.531e+04	4.472e+04	0.23	0.0	0.0	-2.355e+04	-1669.16	-178.41	3652.61	4.472e+04	-5.531e+04
		-1.057e+06	-6.233e+04	0.09	0.0	600.0	-2.085e+04	-1669.16	-178.41	3652.61	-6.233e+04	-1.057e+06
13	44	-5.531e+04	4.472e+04	0.23	0.0	0.0	-2.355e+04	-1669.16	-178.41	3652.61	4.472e+04	-5.531e+04
		-1.057e+06	-6.233e+04	0.09	0.0	600.0	-2.085e+04	-1669.16	-178.41	3652.61	-6.233e+04	-1.057e+06
15	1	1.764e+05	5.056e+04	0.06	0.0	0.0	-795.19	-989.09	-270.87	-7132.18	5.056e+04	1.764e+05
		-1.797e+05	-4.696e+04	0.02	0.0	360.0	257.81	-989.09	-270.87	-7132.18	-4.696e+04	-1.797e+05
15	3	1.552e+05	4.760e+04	0.06	0.0	0.0	-739.99	-867.44	-257.50	-6283.80	4.760e+04	1.552e+05
		-1.570e+05	-4.509e+04	0.02	0.0	360.0	313.01	-867.44	-257.50	-6283.80	-4.509e+04	-1.570e+05
15	5	1.431e+05	5.066e+04	0.05	0.0	0.0	-749.55	-800.20	-274.37	-5392.93	5.066e+04	1.431e+05
		-1.449e+05	-4.812e+04	0.02	0.0	360.0	303.45	-800.20	-274.37	-5392.93	-4.812e+04	-1.449e+05
15	7	1.326e+05	4.007e+04	0.05	0.0	0.0	-601.37	-743.02	-215.40	-5322.40	4.007e+04	1.326e+05
		-1.349e+05	-3.747e+04	0.02	0.0	360.0	208.63	-743.02	-215.40	-5322.40	-3.747e+04	-1.349e+05
15	8	1.191e+05	3.805e+04	0.04	0.0	0.0	-564.38	-665.47	-206.19	-4633.48	3.805e+04	1.191e+05
		-1.205e+05	-3.618e+04	0.02	0.0	360.0	245.62	-665.47	-206.19	-4633.48	-3.618e+04	-1.205e+05
15	9	1.109e+05	3.969e+04	0.04	0.0	0.0	-571.12	-620.08	-215.21	-4108.00	3.969e+04	1.109e+05
		-1.123e+05	-3.779e+04	0.02	0.0	360.0	238.88	-620.08	-215.21	-4108.00	-3.779e+04	-1.123e+05
15	16	1.668e+05	2.525e+04	0.14	0.0	0.0	-562.50	-933.40	-135.00	-8950.31	2.525e+04	1.668e+05
		-1.692e+05	-2.335e+04	6.05e-03	0.0	360.0	247.50	-933.40	-135.00	-8950.31	-2.335e+04	-1.692e+05
15	18	1.010e+05	1.176e+05	0.08	0.0	0.0	-424.96	-568.08	-648.47	-6242.24	1.176e+05	1.010e+05
		-1.035e+05	-1.158e+05	0.30	0.0	360.0	385.04	-568.08	-648.47	-6242.24	-1.158e+05	-1.035e+05
15	19	1.296e+05	3.960e+04	-0.01	0.0	0.0	-694.09	-720.74	214.46	-3260.28	-3.761e+04	1.296e+05
		-1.299e+05	-3.761e+04	-0.26	0.0	360.0	115.91	-720.74	214.46	-3260.28	3.960e+04	-1.299e+05
15	42	1.164e+05	3.903e+04	0.04	0.0	0.0	-561.07	-650.57	-211.59	-4652.94	3.903e+04	1.164e+05
		-1.178e+05	-3.714e+04	0.02	0.0	360.0	248.93	-650.57	-211.59	-4652.94	-3.714e+04	-1.178e+05
15	43	1.164e+05	3.903e+04	0.04	0.0	0.0	-561.07	-650.57	-211.59	-4652.94	3.903e+04	1.164e+05
		-1.178e+05	-3.714e+04	0.02	0.0	360.0	248.93	-650.57	-211.59	-4652.94	-3.714e+04	-1.178e+05
15	44	1.164e+05	3.903e+04	0.04	0.0	0.0	-561.07	-650.57	-211.59	-4652.94	3.903e+04	1.164e+05
		-1.178e+05	-3.714e+04	0.02	0.0	360.0	248.93	-650.57	-211.59	-4652.94	-3.714e+04	-1.178e+05
17	1	2.141e+05	3.140e+04	0.06	0.0	0.0	-5244.37	-1223.28	159.55	1930.03	-2.604e+04	2.141e+05
		-2.263e+05	-2.604e+04	0.04	0.0	360.0	-4191.37	-1223.28	159.55	1930.03	3.140e+04	-2.263e+05
17	6	1.315e+05	1.059e+04	0.04	0.0	0.0	-3332.43	-756.00	52.40	1408.96	-8272.32	1.315e+05
		-1.407e+05	-8272.32	0.03	0.0	360.0	-2522.43	-756.00	52.40	1408.96	1.059e+04	-1.407e+05
17	7	1.609e+05	1.940e+04	0.05	0.0	0.0	-3897.97	-919.41	97.16	1565.33	-1.558e+04	1.609e+05
		-1.700e+05	-1.558e+04	0.03	0.0	360.0	-3087.97	-919.41	97.16	1565.33	1.940e+04	-1.700e+05
17	9	1.366e+05	1.184e+04	0.04	0.0	0.0	-3401.84	-783.74	59.02	1438.07	-9407.64	1.366e+05
		-1.455e+05	-9407.64	0.03	0.0	360.0	-2591.84	-783.74	59.02	1438.07	1.184e+04	-1.455e+05
17	16	1.917e+05	2.358e+04	0.14	0.0	0.0	-3819.11	-1084.67	126.11	-70.73	-2.182e+04	1.917e+05
		-1.988e+05	-2.182e+04	2.64e-03	0.0	360.0	-3009.11	-1084.67	126.11	-70.73	2.358e+04	-1.988e+05
17	18	1.212e+05	1.258e+05	0.08	0.0	0.0	-1846.88	-689.99	-684.55	248.32	1.258e+05	1.212e+05
		-1.272e+05	-1.207e+05	0.28	0.0	360.0	-1036.88	-689.99	-684.55	248.32	-1.207e+05	-1.272e+05
17	19	1.623e+05	1.451e+05	0.02	0.0	0.0	-5016.33	-930.55	806.94	2431.27	-1.454e+05	1.623e+05
		-1.727e+05	-1.454e+05	-0.23	0.0	360.0	-4206.33	-930.55	806.94	2431.27	1.451e+05	-1.727e+05
17	21	1.551e+05	1.490e+05	-0.02	0.0	0.0	-5013.27	-890.95	828.75	1878.93	-1.493e+05	1.551e+05
		-1.657e+05	-1.493e+05	-0.23	0.0	360.0	-4203.27	-890.95	828.75	1878.93	1.490e+05	-1.657e+05
17	42	1.429e+05	1.281e+04	0.05	0.0	0.0	-3446.03	-816.59	64.58	1474.05	-1.044e+04	1.429e+05
		-1.511e+05	-1.044e+04	0.03	0.0	360.0	-2636.03	-816.59	64.58	1474.05	1.281e+04	-1.511e+05
17	43	1.429e+05	1.281e+04	0.05	0.0	0.0	-3446.03	-816.59	64.58	1474.05	-1.044e+04	1.429e+05
		-1.511e+05	-1.044e+04	0.03	0.0	360.0	-2636.03	-816.59	64.58	1474.05	1.281e+04	-1.511e+05
17	44	1.429e+05	1.281e+04	0.05	0.0	0.0	-3446.03	-816.59	64.58	1474.05	-1.044e+04	1.429e+05
		-1.511e+05	-1.044e+04	0.03	0.0	360.0	-2636.03	-816.59	64.58	1474.05	1.281e+04	-1.511e+05
18	1	3.874e+04	6.826e+04	0.04	0.0	0.0	-5309.95	291.33	353.34	-2032.94	-5.894e+04	-6.613e+04
		-6.613e+04	-5.894e+04	-0.09	0.0	360.0	-4368.10	291.33	353.34	-2032.94	6.826e+04	3.874e+04
18	6	1.548e+04	3.989e+04	0.03	0.0	0.0	-3415.28	130.20	206.28	-1396.66	-3.437e+04	-3.139e+04
		-3.139e+04	-3.437e+04	-0.05	0.0	360.0	-2690.78	130.20	206.28	-1396.66	3.989e+04	1.548e+04
18	7	2.403e+04	5.150e+04	0.03	0.0	0.0	-3992.51	189.05	266.88	-1481.42	-4.458e+04	-4.403e+04
		-4.403e+04	-4.458e+04	-0.07	0.0	360.0	-3268.01	189.05	266.88	-1481.42	5.150e+04	2.403e+04
18	9	1.700e+04	4.232e+04	0.03	0.0	0.0	-3462.09	139.96	219.26	-1391.17	-3.661e+04	-3.339e+04
		-3.339e+04	-3.661e+04	-0.05	0.0	360.0	-2737.59	139.96	219.26	-1391.17	4.232e+04	1.700e+04

18	16	3.575e+04	9.427e+04	8.74e-03	0.0	0.0	-3687.22	246.49	500.64	-3416.98	-8.596e+04	-5.298e+04
		-5.298e+04	-8.596e+04	-0.18	0.0	360.0	-2962.72	246.49	500.64	-3416.98	9.427e+04	3.575e+04
18	21	2.080e+05	3.275e+04	-0.23	0.0	0.0	-1835.02	1232.41	162.78	-1133.22	-2.585e+04	-2.357e+05
		-2.357e+05	-2.585e+04	-0.02	0.0	360.0	-1110.52	1232.41	162.78	-1133.22	3.275e+04	2.080e+05
18	24	1.623e+05	5.622e+04	0.28	0.0	0.0	-5028.56	-916.84	299.31	-1816.85	-5.153e+04	1.623e+05
		-1.678e+05	-5.153e+04	-0.09	0.0	360.0	-4304.06	-916.84	299.31	-1816.85	5.622e+04	-1.678e+05
18	42	1.841e+04	4.563e+04	0.03	0.0	0.0	-3439.03	148.60	237.38	-1334.04	-3.982e+04	-3.509e+04
		-3.509e+04	-3.982e+04	-0.06	0.0	360.0	-2714.53	148.60	237.38	-1334.04	4.563e+04	1.841e+04
18	43	1.841e+04	4.563e+04	0.03	0.0	0.0	-3439.03	148.60	237.38	-1334.04	-3.982e+04	-3.509e+04
		-3.509e+04	-3.982e+04	-0.06	0.0	360.0	-2714.53	148.60	237.38	-1334.04	4.563e+04	1.841e+04
18	44	1.841e+04	4.563e+04	0.03	0.0	0.0	-3439.03	148.60	237.38	-1334.04	-3.982e+04	-3.509e+04
		-3.509e+04	-3.982e+04	-0.06	0.0	360.0	-2714.53	148.60	237.38	-1334.04	4.563e+04	1.841e+04
20	1	6.185e+04	2.121e+04	0.08	0.0	0.0	-2.018e+04	-408.48	-121.11	988.37	2.121e+04	6.185e+04
		-8.520e+04	-2.239e+04	0.02	0.0	360.0	-1.913e+04	-408.48	-121.11	988.37	-2.239e+04	-8.520e+04
20	3	6.192e+04	1.575e+04	0.08	0.0	0.0	-1.636e+04	-397.21	-85.81	607.28	1.575e+04	6.192e+04
		-8.107e+04	-1.514e+04	0.02	0.0	360.0	-1.531e+04	-397.21	-85.81	607.28	-1.514e+04	-8.107e+04
20	6	3.238e+04	1.793e+04	0.05	0.0	0.0	-1.195e+04	-218.05	-99.18	477.32	1.793e+04	3.238e+04
		-4.612e+04	-1.778e+04	0.02	0.0	360.0	-1.114e+04	-218.05	-99.18	477.32	-1.778e+04	-4.612e+04
20	7	4.790e+04	2.012e+04	0.06	0.0	0.0	-1.496e+04	-314.16	-113.24	806.60	2.012e+04	4.790e+04
		-6.520e+04	-2.065e+04	0.02	0.0	360.0	-1.415e+04	-314.16	-113.24	806.60	-2.065e+04	-6.520e+04
20	9	3.685e+04	1.796e+04	0.05	0.0	0.0	-1.227e+04	-243.99	-99.42	549.19	1.796e+04	3.685e+04
		-5.098e+04	-1.783e+04	0.02	0.0	360.0	-1.146e+04	-243.99	-99.42	549.19	-1.783e+04	-5.098e+04
20	16	1.358e+05	1.186e+04	0.18	0.0	0.0	-1.212e+04	-803.11	-66.55	-976.58	1.186e+04	1.358e+05
		-1.533e+05	-1.210e+04	5.63e-03	0.0	360.0	-1.131e+04	-803.11	-66.55	-976.58	-1.210e+04	-1.533e+05
20	18	6.831e+04	2.173e+05	0.09	0.0	0.0	-1.152e+04	-418.81	-1206.88	1155.67	2.173e+05	6.831e+04
		-8.246e+04	-2.172e+05	0.30	0.0	360.0	-1.071e+04	-418.81	-1206.88	1155.67	-2.172e+05	-8.246e+04
20	21	1.148e+04	1.787e+05	0.02	0.0	0.0	-1.332e+04	-102.91	992.22	-662.45	-1.785e+05	1.148e+04
		-2.557e+04	-1.785e+05	-0.26	0.0	360.0	-1.251e+04	-102.91	992.22	-662.45	1.787e+05	-2.557e+04
20	42	4.459e+04	1.839e+04	0.06	0.0	0.0	-1.241e+04	-287.34	-101.71	680.00	1.839e+04	4.459e+04
		-5.886e+04	-1.823e+04	0.02	0.0	360.0	-1.160e+04	-287.34	-101.71	680.00	-1.823e+04	-5.886e+04
20	43	4.459e+04	1.839e+04	0.06	0.0	0.0	-1.241e+04	-287.34	-101.71	680.00	1.839e+04	4.459e+04
		-5.886e+04	-1.823e+04	0.02	0.0	360.0	-1.160e+04	-287.34	-101.71	680.00	-1.823e+04	-5.886e+04
20	44	4.459e+04	1.839e+04	0.06	0.0	0.0	-1.241e+04	-287.34	-101.71	680.00	1.839e+04	4.459e+04
		-5.886e+04	-1.823e+04	0.02	0.0	360.0	-1.160e+04	-287.34	-101.71	680.00	-1.823e+04	-5.886e+04
21	1	2.101e+04	9744.18	0.09	0.0	0.0	-1.264e+04	115.68	83.47	1281.87	-2.030e+04	-2.063e+04
		-2.063e+04	-2.030e+04	0.02	0.0	360.0	-1.159e+04	115.68	83.47	1281.87	9744.18	2.101e+04
21	4	6236.77	5652.99	0.06	0.0	0.0	-7938.11	-37.03	38.62	1699.02	-8248.93	6236.77
		-7093.30	-8248.93	0.01	0.0	360.0	-7128.11	-37.03	38.62	1699.02	5652.99	-7093.30
21	5	9075.07	1.017e+04	0.07	0.0	0.0	-1.065e+04	48.33	79.20	885.18	-1.834e+04	-8321.93
		-8321.93	-1.834e+04	0.01	0.0	360.0	-9598.96	48.33	79.20	885.18	1.017e+04	9075.07
21	7	1.162e+04	6822.24	0.06	0.0	0.0	-9370.70	64.08	57.38	1218.68	-1.384e+04	-1.145e+04
		-1.145e+04	-1.384e+04	0.02	0.0	360.0	-8560.70	64.08	57.38	1218.68	6822.24	1.162e+04
21	8	2730.98	5917.08	0.06	0.0	0.0	-8009.47	-17.06	42.45	1658.10	-9363.56	2730.98
		-3410.36	-9363.56	0.01	0.0	360.0	-7199.47	-17.06	42.45	1658.10	5917.08	-3410.36
21	9	3762.24	7462.68	0.05	0.0	0.0	-8044.84	19.77	57.94	1090.41	-1.340e+04	-3354.10
		-3354.10	-1.340e+04	9.41e-03	0.0	360.0	-7234.84	19.77	57.94	1090.41	7462.68	3762.24
21	17	1.174e+05	1.121e+04	-0.08	0.0	0.0	-7529.43	651.56	91.74	3936.95	-2.181e+04	-1.171e+05
		-1.171e+05	-2.181e+04	4.87e-03	0.0	360.0	-6719.43	651.56	91.74	3936.95	1.121e+04	1.174e+05
21	18	3.754e+04	1.166e+05	0.09	0.0	0.0	-8149.41	-211.59	-521.72	4791.03	1.166e+05	3.754e+04
		-3.863e+04	-7.126e+04	0.26	0.0	360.0	-7339.41	-211.59	-521.72	4791.03	-7.126e+04	-3.863e+04
21	19	3.957e+04	8.019e+04	0.03	0.0	0.0	-7491.26	219.10	592.66	-2382.09	-1.332e+05	-3.931e+04
		-3.931e+04	-1.332e+05	-0.23	0.0	360.0	-6681.26	219.10	592.66	-2382.09	8.019e+04	3.957e+04
21	21	4.918e+04	7.936e+04	0.01	0.0	0.0	-7426.47	272.33	587.23	-3084.97	-1.320e+05	-4.886e+04
		-4.886e+04	-1.320e+05	-0.23	0.0	360.0	-6616.47	272.33	587.23	-3084.97	7.936e+04	4.918e+04
21	24	4.224e+04	1.136e+05	0.09	0.0	0.0	-8171.11	-237.75	-507.38	5166.10	1.136e+05	4.224e+04
		-4.335e+04	-6.909e+04	0.26	0.0	360.0	-7361.11	-237.75	-507.38	5166.10	-6.909e+04	-4.335e+04
21	42	242.56	5729.46	0.06	0.0	0.0	-7832.31	2.61	44.12	1409.56	-1.015e+04	-698.38
		-698.38	-1.015e+04	0.01	0.0	360.0	-7022.31	2.61	44.12	1409.56	5729.46	242.56
21	43	242.56	5729.46	0.06	0.0	0.0	-7832.31	2.61	44.12	1409.56	-1.015e+04	-698.38
		-698.38	-1.015e+04	0.01	0.0	360.0	-7022.31	2.61	44.12	1409.56	5729.46	242.56
21	44	242.56	5729.46	0.06	0.0	0.0	-7832.31	2.61	44.12	1409.56	-1.015e+04	-698.38
		-698.38	-1.015e+04	0.01	0.0	360.0	-7022.31	2.61	44.12	1409.56	5729.46	242.56
22	1	1.027e+05	1.617e+04	8.46e-03	0.0	0.0	-6190.22	-2677.65	-413.49	7668.03	1.617e+04	1.027e+05
		-4382.02	-365.72	5.46e-03	0.0	40.0	-6073.22	-2677.65	-413.49	7668.03	-365.72	-4382.02
22	3	7.465e+04	1.365e+04	6.20e-03	0.0	0.0	-6426.68	-1841.52	-394.23	7375.21	1.365e+04	7.465e+04
		993.91	-2117.60	3.94e-03	0.0	40.0	-6309.68	-1841.52	-394.23	7375.21	-2117.60	993.91
22	5	1.343e+05	1.505e+04	6.42e-03	0.0	0.0	-6159.92	-2837.75	-407.47	9863.39	1.505e+04	1.343e+05
		2.082e+04	-1248.45	4.33e-03	0.0	40.0	-6042.92	-2837.75	-407.47	9863.39	-1248.45	2.082e+04
22	6	1.138e+05	1.197e+04	4.74e-03	0.0	0.0	-4763.55	-2294.82	-302.39	9115.48	1.197e+04	1.138e+05
		2.196e+04	-125.17	3.20e-03	0.0	40.0	-4673.55	-2294.82	-302.39	9115.48	-125.17	2.196e+04
22	7	7.527e+04	1.262e+04	6.23e-03	0.0	0.0	-4746.43	-1939.02	-293.50	6783.73	1.262e+04	7.527e+04
		-2294.19	882.22	4.09e-03	0.0	40.0	-4656.43	-1939.02	-293.50	6783.73	882.22	-2294.19
22	8	5.683e+04	1.098e+04	4.73e-03	0.0	0.0	-4915.88	-1384.39	-274.17	6993.72	1.098e+04	5.683e+04
		1455.88	15.96	2.93e-03	0.0	40.0	-4825.88	-1384.39	-274.17	6993.72	15.96	1455.88
22	9	9.674e+04	1.181e+04	4.88e-03	0.0	0.0	-4733.07	-2052.79	-288.82	8339.74	1.181e+04	9.674e+04
		1.463e+04	253.83	3.22e-03	0.0	40.0	-4643.07	-2052.79	-288.82	8339.74	253.83	1.463e+04
22	16	1.323e+05	5576.45	8.86e-03	0.0	0.0	-4661.50	-2764.86	-469.49	-1780.93	5576.45	1.323e+05

		2.171e+04	-1.320e+04	2.83e-03	0.0	40.0	-4571.50	-2764.86	-469.49	-1780.93	-1.320e+04	2.171e+04
22	17	-1.727e+04	1.542e+04	6.23e-04	0.0	0.0	-4637.26	-143.26	-23.14	1.433e+04	1.542e+04	-1.727e+04
		-2.300e+04	1.450e+04	2.39e-03	0.0	40.0	-4547.26	-143.26	-23.14	1.433e+04	1.450e+04	-2.300e+04
22	22	7.015e+04	1.924e+04	4.83e-03	0.0	0.0	-3165.25	-1516.35	-1040.30	-1.079e+04	1.924e+04	7.015e+04
		9494.71	-2.237e+04	0.01	0.0	40.0	-3075.25	-1516.35	-1040.30	-1.079e+04	-2.237e+04	9494.71
22	23	4.547e+04	2.494e+04	4.86e-03	0.0	0.0	-6124.70	-1369.73	538.73	2.418e+04	3387.42	4.547e+04
		-9322.23	3387.42	-7.76e-03	0.0	40.0	-6034.70	-1369.73	538.73	2.418e+04	2.494e+04	-9322.23
22	42	5.862e+04	1.117e+04	4.87e-03	0.0	0.0	-4656.28	-1454.92	-246.37	6790.96	1.117e+04	5.862e+04
		428.05	1319.91	3.02e-03	0.0	40.0	-4566.28	-1454.92	-246.37	6790.96	1319.91	428.05
22	43	5.862e+04	1.117e+04	4.87e-03	0.0	0.0	-4656.28	-1454.92	-246.37	6790.96	1.117e+04	5.862e+04
		428.05	1319.91	3.02e-03	0.0	40.0	-4566.28	-1454.92	-246.37	6790.96	1319.91	428.05
22	44	5.862e+04	1.117e+04	4.87e-03	0.0	0.0	-4656.28	-1454.92	-246.37	6790.96	1.117e+04	5.862e+04
		428.05	1319.91	3.02e-03	0.0	40.0	-4566.28	-1454.92	-246.37	6790.96	1319.91	428.05
23	1	1.305e+05	-3830.73	0.08	0.0	0.0	-7060.66	560.71	46.03	-2050.15	-2.040e+04	-7.134e+04
		-7.134e+04	-2.040e+04	0.02	0.0	360.0	-6007.66	560.71	46.03	-2050.15	-3830.73	1.305e+05
23	2	1.025e+05	-3426.93	0.06	0.0	0.0	-5507.56	440.12	31.41	-1407.97	-1.473e+04	-5.590e+04
		-5.590e+04	-1.473e+04	0.02	0.0	360.0	-4697.56	440.12	31.41	-1407.97	-3426.93	1.025e+05
23	6	7.414e+04	-3618.38	0.04	0.0	0.0	-4613.03	303.81	19.24	-899.14	-1.054e+04	-3.523e+04
		-3.523e+04	-1.054e+04	0.01	0.0	360.0	-3803.03	303.81	19.24	-899.14	-3618.38	7.414e+04
23	7	9.266e+04	-3667.14	0.06	0.0	0.0	-5257.47	392.92	27.14	-1273.01	-1.344e+04	-4.879e+04
		-4.879e+04	-1.344e+04	0.02	0.0	360.0	-4447.47	392.92	27.14	-1273.01	-3667.14	9.266e+04
23	9	7.373e+04	-3794.74	0.05	0.0	0.0	-4661.12	302.05	19.02	-933.83	-1.064e+04	-3.501e+04
		-3.501e+04	-1.064e+04	0.01	0.0	360.0	-3851.12	302.05	19.02	-933.83	-3794.74	7.373e+04
23	17	1.546e+05	-1828.30	-0.08	0.0	0.0	-4651.62	785.79	42.84	490.62	-1.725e+04	-1.283e+05
		-1.283e+05	-1.725e+04	7.43e-03	0.0	360.0	-3841.62	785.79	42.84	490.62	-1828.30	1.546e+05
23	18	2.182e+04	9.257e+04	0.09	0.0	0.0	-3832.84	31.27	-383.56	4527.89	9.257e+04	1.056e+04
		1.056e+04	-4.552e+04	0.26	0.0	360.0	-3022.84	31.27	-383.56	4527.89	-4.552e+04	2.182e+04
23	19	1.168e+05	3.535e+04	0.01	0.0	0.0	-5469.81	534.90	402.79	-6425.31	-1.097e+05	-7.581e+04
		-7.581e+04	-1.097e+05	-0.23	0.0	360.0	-4659.81	534.90	402.79	-6425.31	3.535e+04	1.168e+05
23	21	1.281e+05	3.442e+04	-0.02	0.0	0.0	-5611.86	601.47	397.52	-6970.44	-1.087e+05	-8.845e+04
		-8.845e+04	-1.087e+05	-0.23	0.0	360.0	-4801.86	601.47	397.52	-6970.44	3.442e+04	1.281e+05
23	24	1.688e+04	8.982e+04	0.10	0.0	0.0	-3787.87	-1.92	-372.39	4618.27	8.982e+04	1.688e+04
		1.619e+04	-4.424e+04	0.26	0.0	360.0	-2977.87	-1.92	-372.39	4618.27	-4.424e+04	1.619e+04
23	42	6.844e+04	-4325.00	0.05	0.0	0.0	-4630.97	277.59	16.11	-917.82	-1.013e+04	-3.149e+04
		-3.149e+04	-1.013e+04	0.01	0.0	360.0	-3820.97	277.59	16.11	-917.82	-4325.00	6.844e+04
23	43	6.844e+04	-4325.00	0.05	0.0	0.0	-4630.97	277.59	16.11	-917.82	-1.013e+04	-3.149e+04
		-3.149e+04	-1.013e+04	0.01	0.0	360.0	-3820.97	277.59	16.11	-917.82	-4325.00	6.844e+04
23	44	6.844e+04	-4325.00	0.05	0.0	0.0	-4630.97	277.59	16.11	-917.82	-1.013e+04	-3.149e+04
		-3.149e+04	-1.013e+04	0.01	0.0	360.0	-3820.97	277.59	16.11	-917.82	-4325.00	6.844e+04
27	1	9.405e+04	3.282e+04	0.11	0.0	0.0	-1.441e+04	591.24	-145.43	902.35	3.282e+04	-1.188e+05
		-1.188e+05	-1.953e+04	0.04	0.0	360.0	-1.336e+04	591.24	-145.43	902.35	-1.953e+04	9.405e+04
27	3	1.350e+05	3.479e+04	0.11	0.0	0.0	-1.282e+04	797.80	-145.14	1363.07	3.479e+04	-1.522e+05
		-1.522e+05	-1.746e+04	0.03	0.0	360.0	-1.176e+04	797.80	-145.14	1363.07	-1.746e+04	1.350e+05
27	5	1.160e+05	3.680e+04	0.10	0.0	0.0	-1.252e+04	694.20	-157.87	1025.37	3.680e+04	-1.339e+05
		-1.339e+05	-2.003e+04	0.03	0.0	360.0	-1.146e+04	694.20	-157.87	1025.37	-2.003e+04	1.160e+05
27	6	8.888e+04	3.196e+04	0.08	0.0	0.0	-9132.00	531.71	-135.42	712.26	3.196e+04	-1.025e+05
		-1.025e+05	-1.679e+04	0.03	0.0	360.0	-8322.00	531.71	-135.42	712.26	-1.679e+04	8.888e+04
27	7	7.426e+04	2.841e+04	0.08	0.0	0.0	-1.055e+04	464.01	-123.06	657.23	2.841e+04	-9.279e+04
		-9.279e+04	-1.590e+04	0.03	0.0	360.0	-9738.87	464.01	-123.06	657.23	-1.590e+04	7.426e+04
27	8	1.034e+05	3.084e+04	0.08	0.0	0.0	-9514.41	611.98	-129.14	780.35	3.084e+04	-1.169e+05
		-1.169e+05	-1.565e+04	0.03	0.0	360.0	-8704.41	611.98	-129.14	780.35	-1.565e+04	1.034e+05
27	9	8.928e+04	3.117e+04	0.08	0.0	0.0	-9295.39	534.94	-131.94	742.81	3.117e+04	-1.033e+05
		-1.033e+05	-1.633e+04	0.03	0.0	360.0	-8485.39	534.94	-131.94	742.81	-1.633e+04	8.928e+04
27	12	-3559.60	1.025e+04	0.23	0.0	0.0	-6351.70	29.87	-61.56	-2335.11	1.025e+04	-1.431e+04
		-1.431e+04	-1.191e+04	-0.05	0.0	360.0	-5541.70	29.87	-61.56	-2335.11	-1.191e+04	-3559.60
27	13	1.987e+05	4.986e+04	-0.10	0.0	0.0	-1.252e+04	1131.77	-199.01	3178.21	4.986e+04	-2.087e+05
		-2.087e+05	-2.178e+04	0.10	0.0	360.0	-1.171e+04	1131.77	-199.01	3178.21	-2.178e+04	1.987e+05
27	17	2.025e+05	4.333e+04	-0.10	0.0	0.0	-1.233e+04	1154.00	-174.50	2809.39	4.333e+04	-2.129e+05
		-2.129e+05	-1.949e+04	0.09	0.0	360.0	-1.152e+04	1154.00	-174.50	2809.39	-1.949e+04	2.025e+05
27	21	1.312e+05	-6949.26	0.07	0.0	0.0	-1.029e+04	761.19	273.26	-7618.83	-1.053e+05	-1.428e+05
		-1.428e+05	-1.053e+05	-0.35	0.0	360.0	-9479.47	761.19	273.26	-7618.83	-6949.26	1.312e+05
27	24	5.306e+04	1.634e+05	0.08	0.0	0.0	-8429.75	339.61	-539.48	7062.43	1.634e+05	-6.920e+04
		-6.920e+04	-3.078e+04	0.39	0.0	360.0	-7619.75	339.61	-539.48	7062.43	-3.078e+04	5.306e+04
27	42	9.031e+04	2.955e+04	0.08	0.0	0.0	-9295.90	540.56	-125.13	800.99	2.955e+04	-1.043e+05
		-1.043e+05	-1.549e+04	0.03	0.0	360.0	-8485.90	540.56	-125.13	800.99	-1.549e+04	9.031e+04
27	43	9.031e+04	2.955e+04	0.08	0.0	0.0	-9295.90	540.56	-125.13	800.99	2.955e+04	-1.043e+05
		-1.043e+05	-1.549e+04	0.03	0.0	360.0	-8485.90	540.56	-125.13	800.99	-1.549e+04	9.031e+04
27	44	9.031e+04	2.955e+04	0.08	0.0	0.0	-9295.90	540.56	-125.13	800.99	2.955e+04	-1.043e+05
		-1.043e+05	-1.549e+04	0.03	0.0	360.0	-8485.90	540.56	-125.13	800.99	-1.549e+04	9.031e+04
30	1	1.536e+04	-1.182e+04	0.10	0.0	0.0	-1.485e+04	57.30	2.38	823.94	-1.268e+04	-5269.94
		-5269.94	-1.268e+04	0.04	0.0	360.0	-1.379e+04	57.30	2.38	823.94	-1.182e+04	1.536e+04
30	5	747.79	54.38	0.09	0.0	0.0	-1.276e+04	1.99	-46.56	495.63	54.38	29.87
		29.87	-1.671e+04	0.03	0.0	360.0	-1.171e+04	1.99	-46.56	495.63	-1.671e+04	747.79
30	6	132.18	4065.63	0.07	0.0	0.0	-9543.83	-0.73	-51.86	589.01	4065.63	132.18
		-131.50	-1.461e+04	0.03	0.0	360.0	-8733.83	-0.73	-51.86	589.01	-1.461e+04	-131.50
30	7	9782.72	-5153.65	0.07	0.0	0.0	-1.113e+04	36.63	-17.44	659.34	-5153.65	-3405.17
		-3405.17	-1.143e+04	0.03	0.0	360.0	-1.032e+04	36.63	-17.44	659.34	-1.143e+04	9782.72

30	9	665.07	2922.74	0.07	0.0	0.0	-9718.58	3.08	-47.50	547.57	2922.74	-444.50
		-444.50	-1.418e+04	0.03	0.0	360.0	-8908.58	3.08	-47.50	547.57	-1.418e+04	665.07
30	12	1.337e+05	-2423.78	0.21	0.0	0.0	-1.157e+04	-749.90	-25.45	-2779.92	-2423.78	1.337e+05
		-1.363e+05	-1.159e+04	-6.63e-03	0.0	360.0	-1.076e+04	-749.90	-25.45	-2779.92	-1.159e+04	-1.363e+05
30	13	1.572e+05	6092.82	-0.10	0.0	0.0	-7655.11	864.89	-62.44	4155.50	6092.82	-1.542e+05
		-1.542e+05	-1.639e+04	0.06	0.0	360.0	-6845.11	864.89	-62.44	4155.50	-1.639e+04	1.572e+05
30	17	1.586e+05	4050.04	-0.10	0.0	0.0	-7794.83	875.04	-54.54	3297.67	4050.04	-1.564e+05
		-1.564e+05	-1.558e+04	0.05	0.0	360.0	-6984.83	875.04	-54.54	3297.67	-1.558e+04	1.586e+05
30	24	2.028e+04	9.434e+04	0.07	0.0	0.0	-9345.98	-93.33	-316.74	6369.76	9.434e+04	2.028e+04
		-1.332e+04	-1.969e+04	0.29	0.0	360.0	-8535.98	-93.33	-316.74	6369.76	-1.969e+04	-1.332e+04
30	25	1.538e+04	-8639.78	0.06	0.0	0.0	-1.012e+04	104.81	223.90	-5732.23	-8.924e+04	-2.235e+04
		-2.235e+04	-8.924e+04	-0.24	0.0	360.0	-9314.62	104.81	223.90	-5732.23	-8639.78	1.538e+04
30	42	1190.76	2094.56	0.07	0.0	0.0	-9736.92	6.74	-44.50	430.75	2094.56	-1235.79
		-1235.79	-1.392e+04	0.03	0.0	360.0	-8926.92	6.74	-44.50	430.75	-1.392e+04	1190.76
30	43	1190.76	2094.56	0.07	0.0	0.0	-9736.92	6.74	-44.50	430.75	2094.56	-1235.79
		-1235.79	-1.392e+04	0.03	0.0	360.0	-8926.92	6.74	-44.50	430.75	-1.392e+04	1190.76
30	44	1190.76	2094.56	0.07	0.0	0.0	-9736.92	6.74	-44.50	430.75	2094.56	-1235.79
		-1235.79	-1.392e+04	0.03	0.0	360.0	-8926.92	6.74	-44.50	430.75	-1.392e+04	1190.76
32	1	-4.495e+04	1.828e+05	0.10	0.0	0.0	-4.971e+04	-1265.62	1004.78	-1426.18	-1.790e+05	-4.495e+04
		-5.006e+05	-1.790e+05	0.03	0.0	360.0	-4.737e+04	-1265.62	1004.78	-1426.18	1.828e+05	-5.006e+05
32	3	9650.99	1.680e+05	0.09	0.0	0.0	-4.532e+04	-1265.91	945.81	4748.71	-1.725e+05	9650.99
		-4.461e+05	-1.725e+05	0.02	0.0	360.0	-4.298e+04	-1265.91	945.81	4748.71	1.680e+05	-4.461e+05
32	6	-1498.57	1.009e+05	0.06	0.0	0.0	-3.194e+04	-836.61	563.92	6752.05	-1.021e+05	-1498.57
		-3.027e+05	-1.021e+05	0.02	0.0	360.0	-3.014e+04	-836.61	563.92	6752.05	1.009e+05	-3.027e+05
32	7	-3.040e+04	1.184e+05	0.07	0.0	0.0	-3.676e+04	-918.66	660.43	3759.42	-1.193e+05	-3.040e+04
		-3.611e+05	-1.193e+05	0.02	0.0	360.0	-3.496e+04	-918.66	660.43	3759.42	1.184e+05	-3.611e+05
32	8	-1201.62	1.135e+05	0.07	0.0	0.0	-3.381e+04	-888.28	640.98	7654.50	-1.172e+05	-1201.62
		-3.210e+05	-1.172e+05	0.02	0.0	360.0	-3.201e+04	-888.28	640.98	7654.50	1.135e+05	-3.210e+05
32	9	-3284.54	1.038e+05	0.06	0.0	0.0	-3.252e+04	-849.74	580.51	6524.11	-1.052e+05	-3284.54
		-3.092e+05	-1.052e+05	0.02	0.0	360.0	-3.072e+04	-849.74	580.51	6524.11	1.038e+05	-3.092e+05
32	14	4.638e+05	1.735e+05	0.20	0.0	0.0	-3.053e+04	-2989.47	883.86	-1.034e+04	-1.447e+05	4.638e+05
		-6.124e+05	-1.447e+05	0.01	0.0	360.0	-2.873e+04	-2989.47	883.86	-1.034e+04	1.735e+05	-6.124e+05
32	16	4.839e+05	1.556e+05	0.21	0.0	0.0	-3.063e+04	-3027.84	830.20	-4845.51	-1.433e+05	4.839e+05
		-6.061e+05	-1.433e+05	7.73e-03	0.0	360.0	-2.883e+04	-3027.84	830.20	-4845.51	1.556e+05	-6.061e+05
32	18	3.828e+04	4.767e+05	0.07	0.0	0.0	-2.929e+04	-1001.00	-1826.01	2.700e+04	4.767e+05	3.828e+04
		-3.221e+05	-1.806e+05	0.31	0.0	360.0	-2.749e+04	-1001.00	-1826.01	2.700e+04	-1.806e+05	-3.221e+05
32	21	-5.907e+04	3.864e+05	0.06	0.0	0.0	-3.578e+04	-667.40	2970.08	-1.818e+04	-6.829e+05	-5.907e+04
		-2.993e+05	-6.829e+05	-0.27	0.0	360.0	-3.398e+04	-667.40	2970.08	-1.818e+04	3.864e+05	-2.993e+05
32	24	4.504e+04	5.038e+05	0.07	0.0	0.0	-2.972e+04	-1015.43	-2044.57	2.907e+04	5.038e+05	4.504e+04
		-3.205e+05	-2.322e+05	0.30	0.0	360.0	-2.792e+04	-1015.43	-2044.57	2.907e+04	-2.322e+05	-3.205e+05
32	25	-5.237e+04	4.306e+05	0.06	0.0	0.0	-3.527e+04	-682.92	3148.59	-1.653e+04	-7.029e+05	-5.237e+04
		-2.982e+05	-7.029e+05	-0.26	0.0	360.0	-3.347e+04	-682.92	3148.59	-1.653e+04	4.306e+05	-2.982e+05
32	42	-3726.31	1.053e+05	0.06	0.0	0.0	-3.249e+04	-847.27	588.57	6664.12	-1.066e+05	-3726.31
		-3.087e+05	-1.066e+05	0.02	0.0	360.0	-3.069e+04	-847.27	588.57	6664.12	1.053e+05	-3.087e+05
32	43	-3726.31	1.053e+05	0.06	0.0	0.0	-3.249e+04	-847.27	588.57	6664.12	-1.066e+05	-3726.31
		-3.087e+05	-1.066e+05	0.02	0.0	360.0	-3.069e+04	-847.27	588.57	6664.12	1.053e+05	-3.087e+05
32	44	-3726.31	1.053e+05	0.06	0.0	0.0	-3.249e+04	-847.27	588.57	6664.12	-1.066e+05	-3726.31
		-3.087e+05	-1.066e+05	0.02	0.0	360.0	-3.069e+04	-847.27	588.57	6664.12	1.053e+05	-3.087e+05
36	1	1.437e+06	2.287e+05	0.04	0.0	0.0	-2.987e+04	5974.76	1757.40	6176.11	-1.931e+05	3067.97
		3067.97	-1.931e+05	0.03	0.0	240.0	-2.831e+04	5974.76	1757.40	6176.11	2.287e+05	1.437e+06
36	3	1.517e+06	2.229e+05	0.06	0.0	0.0	-3.088e+04	6488.64	1634.54	1709.09	-1.694e+05	-4.012e+04
		-4.012e+04	-1.694e+05	0.03	0.0	240.0	-2.932e+04	6488.64	1634.54	1709.09	2.229e+05	1.517e+06
36	4	1.319e+06	1.744e+05	0.05	0.0	0.0	-2.363e+04	5763.07	1271.05	-4720.32	-1.307e+05	-6.429e+04
		-6.429e+04	-1.307e+05	0.02	0.0	240.0	-2.243e+04	5763.07	1271.05	-4720.32	1.744e+05	1.319e+06
36	6	1.227e+06	1.671e+05	0.05	0.0	0.0	-2.144e+04	5370.73	1245.62	-3434.40	-1.319e+05	-6.245e+04
		-6.245e+04	-1.319e+05	0.02	0.0	240.0	-2.024e+04	5370.73	1245.62	-3434.40	1.671e+05	1.227e+06
36	7	1.236e+06	1.812e+05	0.04	0.0	0.0	-2.258e+04	5289.20	1373.61	-487.89	-1.485e+05	-3.383e+04
		-3.383e+04	-1.485e+05	0.02	0.0	240.0	-2.138e+04	5289.20	1373.61	-487.89	1.812e+05	1.236e+06
36	8	1.294e+06	1.760e+05	0.05	0.0	0.0	-2.318e+04	5671.27	1295.24	-3639.06	-1.349e+05	-6.691e+04
		-6.691e+04	-1.349e+05	0.02	0.0	240.0	-2.198e+04	5671.27	1295.24	-3639.06	1.760e+05	1.294e+06
36	9	1.228e+06	1.691e+05	0.05	0.0	0.0	-2.171e+04	5356.84	1260.57	-3124.67	-1.334e+05	-5.756e+04
		-5.756e+04	-1.334e+05	0.02	0.0	240.0	-2.051e+04	5356.84	1260.57	-3124.67	1.691e+05	1.228e+06
36	13	1.409e+06	2.576e+05	-0.17	0.0	0.0	-2.332e+04	9413.58	2064.42	2.868e+04	-2.379e+05	-8.498e+05
		-8.498e+05	-2.379e+05	-4.91e-03	0.0	240.0	-2.212e+04	9413.58	2064.42	2.868e+04	2.576e+05	1.409e+06
36	18	1.209e+06	5.485e+05	0.06	0.0	0.0	-1.860e+04	5021.48	-5456.18	-4454.38	5.485e+05	3481.07
		3481.07	-7.610e+05	0.27	0.0	240.0	-1.740e+04	5021.48	-5456.18	-4454.38	-7.610e+05	1.209e+06
36	19	1.251e+06	1.041e+06	0.04	0.0	0.0	-2.463e+04	5669.17	7750.73	-221.17	-8.194e+05	-1.100e+05
		-1.100e+05	-8.194e+05	-0.24	0.0	240.0	-2.343e+04	5669.17	7750.73	-221.17	1.041e+06	1.251e+06
36	21	1.285e+06	1.037e+06	0.02	0.0	0.0	-2.480e+04	6096.70	7693.75	-6415.18	-8.096e+05	-1.778e+05
		-1.778e+05	-8.096e+05	-0.24	0.0	240.0	-2.360e+04	6096.70	7693.75	-6415.18	1.037e+06	1.285e+06
36	42	1.227e+06	1.669e+05	0.05	0.0	0.0	-2.169e+04	5337.52	1239.51	-2936.85	-1.306e+05	-5.415e+04
		-5.415e+04	-1.306e+05	0.02	0.0	240.0	-2.049e+04	5337.52	1239.51	-2936.85	1.669e+05	1.227e+06
36	43	1.227e+06	1.669e+05	0.05	0.0	0.0	-2.169e+04	5337.52	1239.51	-2936.85	-1.306e+05	-5.415e+04
		-5.415e+04	-1.306e+05	0.02	0.0	240.0	-2.049e+04	5337.52	1239.51	-2936.85	1.669e+05	1.227e+06
36	44	1.227e+06	1.669e+05	0.05	0.0	0.0	-2.169e+04	5337.52	1239.51	-2936.85	-1.306e+05	-5.415e+04
		-5.415e+04	-1.306e+05	0.02	0.0	240.0	-2.049e+04	5337.52	1239.51	-2936.85	1.669e+05	1.227e+06
39	1	3.073e+05	-4163.16	0.05	0.0	0.0	-1.035e+04	1446.14	-31.13	-914.80	-4163.16	-2.134e+05

		-2.134e+05	-1.537e+04	0.01	0.0	360.0	-9299.54	1446.14	-31.13	-914.80	-1.537e+04	3.073e+05
39	2	2.468e+05	-3728.70	0.04	0.0	0.0	-8181.03	1161.65	-13.50	567.62	-3728.70	-1.714e+05
		-1.714e+05	-8586.99	0.01	0.0	360.0	-7371.03	1161.65	-13.50	567.62	-8586.99	2.468e+05
39	6	1.917e+05	-6299.87	0.03	0.0	0.0	-6265.42	920.08	4.55	2017.00	-7938.35	-1.396e+05
		-1.396e+05	-7938.35	5.13e-03	0.0	360.0	-5455.42	920.08	4.55	2017.00	-6299.87	1.917e+05
39	7	2.330e+05	-4841.10	0.03	0.0	0.0	-7674.19	1102.29	-8.82	952.13	-4841.10	-1.638e+05
		-1.638e+05	-8014.91	9.37e-03	0.0	360.0	-6864.19	1102.29	-8.82	952.13	-8014.91	2.330e+05
39	8	2.076e+05	-5388.70	0.02	0.0	0.0	-6468.18	1003.86	10.93	2198.44	-9323.63	-1.538e+05
		-1.538e+05	-9323.63	5.03e-03	0.0	360.0	-5658.18	1003.86	10.93	2198.44	-5388.70	2.076e+05
39	9	1.962e+05	-6490.46	0.03	0.0	0.0	-6397.11	941.24	3.21	1918.32	-7647.19	-1.427e+05
		-1.427e+05	-7647.19	5.49e-03	0.0	360.0	-5587.11	941.24	3.21	1918.32	-6490.46	1.962e+05
39	10	2.423e+04	2.982e+04	0.21	0.0	0.0	-4878.84	52.46	-152.41	-559.22	2.982e+04	5345.37
		5345.37	-2.505e+04	0.04	0.0	360.0	-4068.84	52.46	-152.41	-559.22	-2.505e+04	2.423e+04
39	13	3.921e+05	1.104e+04	-0.20	0.0	0.0	-8015.87	1967.84	144.55	1791.86	-4.100e+04	-3.163e+05
		-3.163e+05	-4.100e+04	-0.03	0.0	360.0	-7205.87	1967.84	144.55	1791.86	1.104e+04	3.921e+05
39	22	2.068e+05	1.172e+05	-0.03	0.0	0.0	-6687.58	1001.29	-491.66	7560.41	1.172e+05	-1.537e+05
		-1.537e+05	-5.981e+04	0.23	0.0	360.0	-5877.58	1001.29	-491.66	7560.41	-5.981e+04	2.068e+05
39	23	1.879e+05	4.190e+04	0.05	0.0	0.0	-6144.38	893.19	461.48	-3924.01	-1.242e+05	-1.337e+05
		-1.337e+05	-1.242e+05	-0.22	0.0	360.0	-5334.38	893.19	461.48	-3924.01	4.190e+04	1.879e+05
39	42	1.976e+05	-6753.30	0.03	0.0	0.0	-6407.63	949.04	1.26	1914.77	-7205.38	-1.440e+05
		-1.440e+05	-7205.38	5.21e-03	0.0	360.0	-5597.63	949.04	1.26	1914.77	-6753.30	1.976e+05
39	43	1.976e+05	-6753.30	0.03	0.0	0.0	-6407.63	949.04	1.26	1914.77	-7205.38	-1.440e+05
		-1.440e+05	-7205.38	5.21e-03	0.0	360.0	-5597.63	949.04	1.26	1914.77	-6753.30	1.976e+05
39	44	1.976e+05	-6753.30	0.03	0.0	0.0	-6407.63	949.04	1.26	1914.77	-7205.38	-1.440e+05
		-1.440e+05	-7205.38	5.21e-03	0.0	360.0	-5597.63	949.04	1.26	1914.77	-6753.30	1.976e+05
41	1	5.898e+05	5.155e+05	0.09	0.0	0.0	-2.297e+04	2890.01	500.00	9.748e+05	3.355e+05	-4.506e+05
		-4.506e+05	3.355e+05	0.01	0.0	360.0	-1.649e+04	2890.01	500.00	9.748e+05	5.155e+05	5.898e+05
41	2	5.898e+05	4.600e+05	0.07	0.0	0.0	-1.836e+04	2820.17	732.12	5.646e+05	1.964e+05	-4.255e+05
		-4.255e+05	1.964e+05	0.01	0.0	360.0	-1.338e+04	2820.17	732.12	5.646e+05	4.600e+05	5.898e+05
41	6	5.898e+05	3.517e+05	0.06	0.0	0.0	-1.491e+04	2533.50	858.82	2.762e+05	4.251e+04	-3.223e+05
		-3.223e+05	4.251e+04	-4.44e-03	0.0	360.0	-9922.59	2533.50	858.82	2.762e+05	3.517e+05	5.898e+05
41	7	5.898e+05	4.308e+05	0.07	0.0	0.0	-1.745e+04	2750.18	745.00	4.891e+05	1.626e+05	-4.003e+05
		-4.003e+05	1.626e+05	8.52e-03	0.0	360.0	-1.246e+04	2750.18	745.00	4.891e+05	4.308e+05	5.898e+05
41	9	5.898e+05	3.586e+05	0.06	0.0	0.0	-1.514e+04	2559.06	829.45	2.968e+05	5.996e+04	-3.315e+05
		-3.315e+05	5.996e+04	-4.33e-03	0.0	360.0	-1.016e+04	2559.06	829.45	2.968e+05	3.586e+05	5.898e+05
41	12	7.775e+05	5.563e+05	0.20	0.0	0.0	-1.362e+04	-1515.35	-781.22	-1.250e+05	5.563e+05	7.775e+05
		2.320e+05	2.751e+05	0.03	0.0	360.0	-8630.87	-1515.35	-781.22	-1.250e+05	2.751e+05	2.320e+05
41	13	5.902e+05	4.129e+05	-0.11	0.0	0.0	-1.602e+04	3799.45	2002.36	1.187e+06	-3.079e+05	-7.776e+05
		-7.776e+05	-3.079e+05	-0.03	0.0	360.0	-1.104e+04	3799.45	2002.36	1.187e+06	4.129e+05	5.902e+05
41	16	7.775e+05	4.600e+05	0.21	0.0	0.0	-1.367e+04	-1502.34	-489.62	-1.178e+05	4.600e+05	7.775e+05
		2.366e+05	2.837e+05	0.02	0.0	360.0	-8689.07	-1502.34	-489.62	-1.178e+05	2.837e+05	2.366e+05
41	17	5.902e+05	4.040e+05	-0.11	0.0	0.0	-1.596e+04	3799.43	1707.39	1.162e+06	-2.106e+05	-7.776e+05
		-7.776e+05	-2.106e+05	-0.02	0.0	360.0	-1.097e+04	3799.43	1707.39	1.162e+06	4.040e+05	5.902e+05
41	22	5.898e+05	7.079e+05	0.06	0.0	0.0	-1.495e+04	2329.29	-1287.59	-1.999e+05	7.079e+05	-2.487e+05
		-2.487e+05	2.443e+05	0.23	0.0	360.0	-9969.79	2329.29	-1287.59	-1.999e+05	2.443e+05	5.898e+05
41	23	5.899e+05	4.656e+05	0.06	0.0	0.0	-1.533e+04	2849.68	3259.53	7.518e+05	-7.078e+05	-4.360e+05
		-4.360e+05	-7.078e+05	-0.22	0.0	360.0	-1.034e+04	2849.68	3259.53	7.518e+05	4.656e+05	5.899e+05
41	42	5.898e+05	3.573e+05	0.06	0.0	0.0	-1.514e+04	2574.38	770.63	2.988e+05	7.987e+04	-3.370e+05
		-3.370e+05	7.987e+04	-4.76e-03	0.0	360.0	-1.016e+04	2574.38	770.63	2.988e+05	3.573e+05	5.898e+05
41	43	5.898e+05	3.573e+05	0.06	0.0	0.0	-1.514e+04	2574.38	770.63	2.988e+05	7.987e+04	-3.370e+05
		-3.370e+05	7.987e+04	-4.76e-03	0.0	360.0	-1.016e+04	2574.38	770.63	2.988e+05	3.573e+05	5.898e+05
41	44	5.898e+05	3.573e+05	0.06	0.0	0.0	-1.514e+04	2574.38	770.63	2.988e+05	7.987e+04	-3.370e+05
		-3.370e+05	7.987e+04	-4.76e-03	0.0	360.0	-1.016e+04	2574.38	770.63	2.988e+05	3.573e+05	5.898e+05
43	1	9901.44	1.202e+05	0.07	0.0	0.0	-3921.86	-155.12	-639.54	-6419.41	1.202e+05	9901.44
		-4.594e+04	-1.101e+05	0.03	0.0	360.0	-2868.86	-155.12	-639.54	-6419.41	-1.101e+05	-4.594e+04
43	3	1.581e+04	1.067e+05	0.07	0.0	0.0	-3004.17	-164.22	-571.97	-5691.82	1.067e+05	1.581e+04
		-4.331e+04	-9.920e+04	0.02	0.0	360.0	-1951.17	-164.22	-571.97	-5691.82	-9.920e+04	-4.331e+04
43	4	1.575e+04	8.240e+04	0.06	0.0	0.0	-2202.70	-143.53	-442.55	-4035.18	8.240e+04	1.575e+04
		-3.592e+04	-7.692e+04	0.02	0.0	360.0	-1392.70	-143.53	-442.55	-4035.18	-7.692e+04	-3.592e+04
43	7	9599.03	9.269e+04	0.06	0.0	0.0	-2874.98	-126.74	-494.40	-4680.91	9.269e+04	9599.03
		-3.603e+04	-8.529e+04	0.02	0.0	360.0	-2064.98	-126.74	-494.40	-4680.91	-8.529e+04	-3.603e+04
43	8	1.402e+04	8.376e+04	0.05	0.0	0.0	-2266.44	-135.55	-449.59	-4028.47	8.376e+04	1.402e+04
		-3.478e+04	-7.809e+04	0.02	0.0	360.0	-1456.44	-135.55	-449.59	-4028.47	-7.809e+04	-3.478e+04
43	10	5.584e+04	7.684e+04	0.14	0.0	0.0	-2341.63	-374.71	-410.06	-8597.74	7.684e+04	5.584e+04
		-7.906e+04	-7.078e+04	0.01	0.0	360.0	-1531.63	-374.71	-410.06	-8597.74	-7.078e+04	-7.906e+04
43	11	2.001e+04	9.182e+04	-0.04	0.0	0.0	-2212.53	161.97	-495.12	647.39	9.182e+04	-3.830e+04
		-3.830e+04	-8.642e+04	0.02	0.0	360.0	-1402.53	161.97	-495.12	647.39	-8.642e+04	2.001e+04
43	16	7.397e+04	7.052e+04	0.17	0.0	0.0	-2335.60	-477.38	-375.44	-8045.23	7.052e+04	7.397e+04
		-9.789e+04	-6.464e+04	9.11e-03	0.0	360.0	-1525.60	-477.38	-375.44	-8045.23	-6.464e+04	-9.789e+04
43	18	4.277e+04	1.922e+05	0.09	0.0	0.0	-2281.60	-292.43	-1047.47	-2739.56	1.922e+05	4.277e+04
		-6.250e+04	-1.849e+05	0.30	0.0	360.0	-1471.60	-292.43	-1047.47	-2739.56	-1.849e+05	-6.250e+04
43	42	1.080e+04	8.491e+04	0.05	0.0	0.0	-2278.57	-118.03	-455.82	-4044.64	8.491e+04	1.080e+04
		-3.168e+04	-7.919e+04	0.02	0.0	360.0	-1468.57	-118.03	-455.82	-4044.64	-7.919e+04	-3.168e+04
43	43	1.080e+04	8.491e+04	0.05	0.0	0.0	-2278.57	-118.03	-455.82	-4044.64	8.491e+04	1.080e+04
		-3.168e+04	-7.919e+04	0.02	0.0	360.0	-1468.57	-118.03	-455.82	-4044.64	-7.919e+04	-3.168e+04
43	44	1.080e+04	8.491e+04	0.05	0.0	0.0	-2278.57	-118.03	-455.82	-4044.64	8.491e+04	1.080e+04
		-3.168e+04	-7.919e+04	0.02	0.0	360.0	-1468.57	-118.03	-455.82	-4044.64	-7.919e+04	-3.168e+04

45	1	4.500e+04	6.247e+04	0.05	0.0	0.0	-7098.34	301.15	593.96	-2918.25	-6.642e+04	-2.035e+04
		-2.035e+04	-6.642e+04	-5.58e-03	0.0	217.0	-6463.61	301.15	593.96	-2918.25	6.247e+04	4.500e+04
45	6	1.592e+04	5.334e+04	0.03	0.0	0.0	-4698.16	-76.09	487.34	732.73	-5.242e+04	1.592e+04
		-595.91	-5.242e+04	-9.71e-03	0.0	217.0	-4209.91	-76.09	487.34	732.73	5.334e+04	-595.91
45	7	2.577e+04	5.312e+04	0.04	0.0	0.0	-5372.63	160.52	491.78	-345.74	-5.360e+04	-9065.59
		-9065.59	-5.360e+04	-5.40e-03	0.0	217.0	-4884.38	160.52	491.78	-345.74	5.312e+04	2.577e+04
45	9	1.234e+04	5.266e+04	0.04	0.0	0.0	-4794.37	-48.87	479.46	756.20	-5.138e+04	1.234e+04
		1732.82	-5.138e+04	-9.00e-03	0.0	217.0	-4306.12	-48.87	479.46	756.20	5.266e+04	1732.82
45	16	1.854e+05	9348.59	0.16	0.0	0.0	-4352.99	-1815.43	38.08	-726.06	1086.03	1.854e+05
		-2.085e+05	1086.03	0.01	0.0	217.0	-3864.74	-1815.43	38.08	-726.06	9348.59	-2.085e+05
45	17	2.418e+05	9.127e+04	-0.09	0.0	0.0	-5453.13	2000.66	867.01	1968.61	-9.687e+04	-1.924e+05
		-1.924e+05	-9.687e+04	-0.03	0.0	217.0	-4964.88	2000.66	867.01	1968.61	9.127e+04	2.418e+05
45	23	6.975e+04	2.299e+05	0.01	0.0	0.0	-5080.45	538.90	2406.89	-6987.60	-2.924e+05	-4.719e+04
		-4.719e+04	-2.924e+05	-0.20	0.0	217.0	-4592.20	538.90	2406.89	-6987.60	2.299e+05	6.975e+04
45	42	7932.95	5.092e+04	0.04	0.0	0.0	-4888.10	-25.10	457.89	1123.86	-4.844e+04	7932.95
		2485.34	-4.844e+04	-8.46e-03	0.0	217.0	-4399.84	-25.10	457.89	1123.86	5.092e+04	2485.34
45	43	7932.95	5.092e+04	0.04	0.0	0.0	-4888.10	-25.10	457.89	1123.86	-4.844e+04	7932.95
		2485.34	-4.844e+04	-8.46e-03	0.0	217.0	-4399.84	-25.10	457.89	1123.86	5.092e+04	2485.34
45	44	7932.95	5.092e+04	0.04	0.0	0.0	-4888.10	-25.10	457.89	1123.86	-4.844e+04	7932.95
		2485.34	-4.844e+04	-8.46e-03	0.0	217.0	-4399.84	-25.10	457.89	1123.86	5.092e+04	2485.34
48	2	1.362e+06	9.327e+04	0.06	0.0	0.0	-3.430e+04	5386.23	482.91	-1.057e+04	-2.263e+04	6.952e+04
		6.952e+04	-2.263e+04	0.02	0.0	240.0	-3.322e+04	5386.23	482.91	-1.057e+04	9.327e+04	1.362e+06
48	3	1.405e+06	1.164e+05	0.08	0.0	0.0	-4.646e+04	5621.88	573.51	-1.156e+04	-2.127e+04	5.539e+04
		5.539e+04	-2.127e+04	0.03	0.0	240.0	-4.506e+04	5621.88	573.51	-1.156e+04	1.164e+05	1.405e+06
48	4	1.466e+06	9.271e+04	0.08	0.0	0.0	-3.591e+04	5903.07	469.77	-1.116e+04	-2.003e+04	4.915e+04
		4.915e+04	-2.003e+04	0.02	0.0	240.0	-3.483e+04	5903.07	469.77	-1.116e+04	9.271e+04	1.466e+06
48	6	1.362e+06	8.448e+04	0.07	0.0	0.0	-3.262e+04	5457.42	433.29	-9572.04	-1.951e+04	5.232e+04
		5.232e+04	-1.951e+04	0.02	0.0	240.0	-3.154e+04	5457.42	433.29	-9572.04	8.448e+04	1.362e+06
48	7	1.362e+06	9.153e+04	0.06	0.0	0.0	-3.420e+04	5403.45	472.51	-1.024e+04	-2.188e+04	6.490e+04
		6.490e+04	-2.188e+04	0.02	0.0	240.0	-3.312e+04	5403.45	472.51	-1.024e+04	9.153e+04	1.362e+06
48	8	1.449e+06	9.264e+04	0.08	0.0	0.0	-3.527e+04	5863.17	475.16	-1.045e+04	-2.140e+04	4.208e+04
		4.208e+04	-2.140e+04	0.02	0.0	240.0	-3.419e+04	5863.17	475.16	-1.045e+04	9.264e+04	1.449e+06
48	9	1.362e+06	8.567e+04	0.07	0.0	0.0	-3.308e+04	5450.79	439.43	-9579.40	-1.980e+04	5.343e+04
		5.343e+04	-1.980e+04	0.02	0.0	240.0	-3.200e+04	5450.79	439.43	-9579.40	8.567e+04	1.362e+06
48	10	1.056e+06	9.787e+04	0.32	0.0	0.0	-3.250e+04	798.33	-700.12	-3.898e+04	9.787e+04	8.644e+05
		8.644e+05	-7.016e+04	0.06	0.0	240.0	-3.142e+04	798.33	-700.12	-3.898e+04	-7.016e+04	1.056e+06
48	11	1.503e+06	2.193e+05	-0.17	0.0	0.0	-3.353e+04	9125.20	1405.62	1.593e+04	-1.181e+05	-6.875e+05
		-6.875e+05	-1.181e+05	-0.03	0.0	240.0	-3.245e+04	9125.20	1405.62	1.593e+04	2.193e+05	1.503e+06
48	18	1.272e+06	4.021e+05	0.09	0.0	0.0	-3.370e+04	4281.04	-4180.25	-7327.46	4.021e+05	2.445e+05
		2.445e+05	-6.012e+05	0.27	0.0	240.0	-3.262e+04	4281.04	-4180.25	-7327.46	-6.012e+05	1.272e+06
48	19	1.443e+06	7.897e+05	0.05	0.0	0.0	-3.271e+04	6660.02	5204.27	-1.010e+04	-4.593e+05	-1.551e+05
		-1.551e+05	-4.593e+05	-0.24	0.0	240.0	-3.163e+04	6660.02	5204.27	-1.010e+04	7.897e+05	1.443e+06
48	42	1.362e+06	8.457e+04	0.07	0.0	0.0	-3.310e+04	5451.45	429.67	-9339.99	-1.855e+04	5.400e+04
		5.400e+04	-1.855e+04	0.02	0.0	240.0	-3.202e+04	5451.45	429.67	-9339.99	8.457e+04	1.362e+06
48	43	1.362e+06	8.457e+04	0.07	0.0	0.0	-3.310e+04	5451.45	429.67	-9339.99	-1.855e+04	5.400e+04
		5.400e+04	-1.855e+04	0.02	0.0	240.0	-3.202e+04	5451.45	429.67	-9339.99	8.457e+04	1.362e+06
48	44	1.362e+06	8.457e+04	0.07	0.0	0.0	-3.310e+04	5451.45	429.67	-9339.99	-1.855e+04	5.400e+04
		5.400e+04	-1.855e+04	0.02	0.0	240.0	-3.202e+04	5451.45	429.67	-9339.99	8.457e+04	1.362e+06
53	1	1605.02	5.305e+04	0.04	0.0	0.0	-1.023e+04	168.43	-592.34	-940.38	5.305e+04	-2.248e+04
		-2.248e+04	-3.166e+04	0.02	0.0	143.0	-9815.83	168.43	-592.34	-940.38	-3.166e+04	1605.02
53	3	1.912e+04	5.354e+04	0.03	0.0	0.0	-9570.78	294.83	-591.36	-1650.62	5.354e+04	-2.305e+04
		-2.305e+04	-3.102e+04	0.01	0.0	143.0	-9152.51	294.83	-591.36	-1650.62	-3.102e+04	1.912e+04
53	6	-3133.25	3.521e+04	0.02	0.0	0.0	-6451.13	-37.70	-416.97	-1967.39	3.521e+04	-3133.25
		-8524.38	-2.442e+04	0.01	0.0	143.0	-6129.38	-37.70	-416.97	-1967.39	-2.442e+04	-8524.38
53	7	4520.55	3.969e+04	0.03	0.0	0.0	-7627.49	153.13	-451.36	-892.91	3.969e+04	-1.738e+04
		-1.738e+04	-2.485e+04	0.01	0.0	143.0	-7305.74	153.13	-451.36	-892.91	-2.485e+04	4520.55
53	8	1.570e+04	3.807e+04	0.02	0.0	0.0	-7118.69	232.50	-434.20	-1402.28	3.807e+04	-1.755e+04
		-1.755e+04	-2.402e+04	9.40e-03	0.0	143.0	-6796.94	232.50	-434.20	-1402.28	-2.402e+04	1.570e+04
53	9	-1968.67	3.572e+04	0.02	0.0	0.0	-6646.81	40.41	-418.85	-1722.51	3.572e+04	-7747.70
		-7747.70	-2.418e+04	0.01	0.0	143.0	-6325.06	40.41	-418.85	-1722.51	-2.418e+04	-1968.67
53	16	1.166e+05	5.952e+04	0.03	0.0	0.0	-5948.27	1163.98	-608.99	-1563.55	5.952e+04	-4.985e+04
		-4.985e+04	-2.757e+04	6.46e-03	0.0	143.0	-5626.52	1163.98	-608.99	-1563.55	-2.757e+04	1.166e+05
53	17	1.877e+04	1.567e+04	0.01	0.0	0.0	-8151.44	-864.71	-247.83	-480.17	1.567e+04	1.877e+04
		-1.049e+05	-1.977e+04	0.01	0.0	143.0	-7829.69	-864.71	-247.83	-480.17	-1.977e+04	-1.049e+05
53	22	4.060e+04	1.141e+05	0.02	0.0	0.0	-8185.40	427.36	-1046.08	-32.19	1.141e+05	-2.052e+04
		-2.052e+04	-3.549e+04	0.05	0.0	143.0	-7863.65	427.36	-1046.08	-32.19	-3.549e+04	4.060e+04
53	23	-1.249e+04	-1.250e+04	0.02	0.0	0.0	-5648.65	-32.15	171.99	-2400.29	-3.709e+04	-1.249e+04
		-1.708e+04	-3.709e+04	-0.02	0.0	143.0	-5326.90	-32.15	171.99	-2400.29	-1.250e+04	-1.708e+04
53	42	1.228e+04	3.581e+04	0.02	0.0	0.0	-6882.15	202.19	-412.99	-1283.31	3.581e+04	-1.664e+04
		-1.664e+04	-2.324e+04	9.84e-03	0.0	143.0	-6560.40	202.19	-412.99	-1283.31	-2.324e+04	1.228e+04
53	43	1.228e+04	3.581e+04	0.02	0.0	0.0	-6882.15	202.19	-412.99	-1283.31	3.581e+04	-1.664e+04
		-1.664e+04	-2.324e+04	9.84e-03	0.0	143.0	-6560.40	202.19	-412.99	-1283.31	-2.324e+04	1.228e+04
53	44	1.228e+04	3.581e+04	0.02	0.0	0.0	-6882.15	202.19	-412.99	-1283.31	3.581e+04	-1.664e+04
		-1.664e+04	-2.324e+04	9.84e-03	0.0	143.0	-6560.40	202.19	-412.99	-1283.31	-2.324e+04	1.228e+04
58	3	2.178e+05	4.270e+04	0.10	0.0	0.0	-2.981e+04	-7453.80	-824.93	-2.089e+04	4.270e+04	2.178e+05
		-1.571e+06	-1.553e+05	0.05	0.0	240.0	-2.825e+04	-7453.80	-824.93	-2.089e+04	-1.553e+05	-1.571e+06
58	4	2.620e+05	2.621e+04	0.08	0.0	0.0	-2.303e+04	-7190.11	-612.84	-1.296e+04	2.621e+04	2.620e+05

		-1.464e+06	-1.209e+05	0.04	0.0	240.0	-2.183e+04	-7190.11	-612.84	-1.296e+04	-1.209e+05	-1.464e+06
58	6	2.312e+05	2.260e+04	0.07	0.0	0.0	-2.079e+04	-6582.40	-591.67	-9998.55	2.260e+04	2.312e+05
		-1.349e+06	-1.194e+05	0.04	0.0	240.0	-1.959e+04	-6582.40	-591.67	-9998.55	-1.194e+05	-1.349e+06
58	8	2.439e+05	2.601e+04	0.08	0.0	0.0	-2.252e+04	-6993.49	-613.55	-1.176e+04	2.601e+04	2.439e+05
		-1.435e+06	-1.212e+05	0.04	0.0	240.0	-2.132e+04	-6993.49	-613.55	-1.176e+04	-1.212e+05	-1.435e+06
58	9	2.267e+05	2.391e+04	0.07	0.0	0.0	-2.105e+04	-6560.36	-596.61	-1.049e+04	2.391e+04	2.267e+05
		-1.348e+06	-1.193e+05	0.04	0.0	240.0	-1.985e+04	-6560.36	-596.61	-1.049e+04	-1.193e+05	-1.348e+06
58	10	6.961e+05	8.996e+04	0.23	0.0	0.0	-2.243e+04	-8956.28	271.02	-3.480e+04	2.492e+04	6.961e+05
		-1.453e+06	2.492e+04	-0.06	0.0	240.0	-2.123e+04	-8956.28	271.02	-3.480e+04	8.996e+04	-1.453e+06
58	12	8.215e+05	4.331e+04	0.26	0.0	0.0	-2.224e+04	-9802.32	-300.62	-3.973e+04	4.331e+04	8.215e+05
		-1.531e+06	-2.883e+04	-0.02	0.0	240.0	-2.104e+04	-9802.32	-300.62	-3.973e+04	-2.883e+04	-1.531e+06
58	18	3.354e+05	-4.839e+04	0.08	0.0	0.0	-1.974e+04	-7273.49	-2815.73	-2.092e+04	-4.839e+04	3.354e+05
		-1.410e+06	-7.242e+05	0.29	0.0	240.0	-1.854e+04	-7273.49	-2815.73	-2.092e+04	-7.242e+05	-1.410e+06
58	21	6.313e+04	5.368e+05	0.05	0.0	0.0	-2.236e+04	-5498.78	1774.05	-4181.13	1.110e+05	6.313e+04
		-1.257e+06	1.110e+05	-0.22	0.0	240.0	-2.116e+04	-5498.78	1774.05	-4181.13	5.368e+05	-1.257e+06
58	42	2.286e+05	2.619e+04	0.07	0.0	0.0	-2.106e+04	-6573.74	-601.64	-1.159e+04	2.619e+04	2.286e+05
		-1.349e+06	-1.182e+05	0.04	0.0	240.0	-1.986e+04	-6573.74	-601.64	-1.159e+04	-1.182e+05	-1.349e+06
58	43	2.286e+05	2.619e+04	0.07	0.0	0.0	-2.106e+04	-6573.74	-601.64	-1.159e+04	2.619e+04	2.286e+05
		-1.349e+06	-1.182e+05	0.04	0.0	240.0	-1.986e+04	-6573.74	-601.64	-1.159e+04	-1.182e+05	-1.349e+06
58	44	2.286e+05	2.619e+04	0.07	0.0	0.0	-2.106e+04	-6573.74	-601.64	-1.159e+04	2.619e+04	2.286e+05
		-1.349e+06	-1.182e+05	0.04	0.0	240.0	-1.986e+04	-6573.74	-601.64	-1.159e+04	-1.182e+05	-1.349e+06
59	3	7.913e+05	1.940e+05	0.11	0.0	0.0	-2.711e+04	4676.10	-541.06	9926.95	1.940e+05	-8.920e+05
		-8.920e+05	-829.86	0.04	0.0	360.0	-2.477e+04	4676.10	-541.06	9926.95	-829.86	7.913e+05
59	6	5.756e+05	1.576e+05	0.08	0.0	0.0	-1.932e+04	3342.17	-460.43	4744.27	1.576e+05	-6.276e+05
		-6.276e+05	-8117.88	0.04	0.0	360.0	-1.752e+04	3342.17	-460.43	4744.27	-8117.88	5.756e+05
59	8	6.373e+05	1.584e+05	0.08	0.0	0.0	-2.071e+04	3714.31	-455.95	6015.08	1.584e+05	-6.998e+05
		-6.998e+05	-5726.13	0.04	0.0	360.0	-1.891e+04	3714.31	-455.95	6015.08	-5726.13	6.373e+05
59	9	5.782e+05	1.566e+05	0.08	0.0	0.0	-1.951e+04	3360.23	-455.15	5269.78	1.566e+05	-6.315e+05
		-6.315e+05	-7213.87	0.04	0.0	360.0	-1.771e+04	3360.23	-455.15	5269.78	-7213.87	5.782e+05
59	12	5.643e+05	4.581e+04	0.23	0.0	0.0	-2.372e+04	2746.50	-65.44	-1.237e+04	4.581e+04	-4.244e+05
		-4.244e+05	2.225e+04	-0.06	0.0	360.0	-2.192e+04	2746.50	-65.44	-1.237e+04	2.225e+04	5.643e+05
59	13	6.385e+05	2.487e+05	-0.09	0.0	0.0	-1.513e+04	4277.12	-788.83	1.952e+04	2.487e+05	-9.012e+05
		-9.012e+05	-3.530e+04	0.12	0.0	360.0	-1.333e+04	4277.12	-788.83	1.952e+04	-3.530e+04	6.385e+05
59	15	6.987e+05	2.908e+05	-0.07	0.0	0.0	-1.608e+04	4458.15	-887.52	3.728e+04	2.908e+05	-9.063e+05
		-9.063e+05	-2.868e+04	0.14	0.0	360.0	-1.428e+04	4458.15	-887.52	3.728e+04	-2.868e+04	6.987e+05
59	17	6.897e+05	2.222e+05	-0.09	0.0	0.0	-1.553e+04	4523.21	-692.60	1.847e+04	2.222e+05	-9.386e+05
		-9.386e+05	-2.718e+04	0.10	0.0	360.0	-1.373e+04	4523.21	-692.60	1.847e+04	-2.718e+04	6.897e+05
59	21	6.406e+05	1.041e+05	0.07	0.0	0.0	-1.965e+04	3892.82	1744.78	-2.223e+04	-5.240e+05	-7.608e+05
		-7.608e+05	-5.240e+05	-0.39	0.0	360.0	-1.785e+04	3892.82	1744.78	-2.223e+04	1.041e+05	6.406e+05
59	24	5.258e+05	7.894e+05	0.09	0.0	0.0	-1.946e+04	2906.11	-2536.45	2.313e+04	7.894e+05	-5.204e+05
		-5.204e+05	-1.237e+05	0.43	0.0	360.0	-1.766e+04	2906.11	-2536.45	2.313e+04	-1.237e+05	5.258e+05
59	42	5.820e+05	1.527e+05	0.08	0.0	0.0	-1.951e+04	3382.69	-439.55	6272.92	1.527e+05	-6.357e+05
		-6.357e+05	-5500.35	0.03	0.0	360.0	-1.771e+04	3382.69	-439.55	6272.92	-5500.35	5.820e+05
59	43	5.820e+05	1.527e+05	0.08	0.0	0.0	-1.951e+04	3382.69	-439.55	6272.92	1.527e+05	-6.357e+05
		-6.357e+05	-5500.35	0.03	0.0	360.0	-1.771e+04	3382.69	-439.55	6272.92	-5500.35	5.820e+05
59	44	5.820e+05	1.527e+05	0.08	0.0	0.0	-1.951e+04	3382.69	-439.55	6272.92	1.527e+05	-6.357e+05
		-6.357e+05	-5500.35	0.03	0.0	360.0	-1.771e+04	3382.69	-439.55	6272.92	-5500.35	5.820e+05
73	2	1.023e+06	1.012e+04	-0.10	0.0	0.0	-3.322e+04	1681.83	-32.85	1113.53	1.012e+04	1.427e+04
		1.427e+04	-9588.96	0.06	0.0	600.0	-3.052e+04	1681.83	-32.85	1113.53	-9588.96	1.023e+06
73	3	1.169e+06	934.80	-0.14	0.0	0.0	-4.578e+04	1426.61	-2.16	1028.00	934.80	3.133e+05
		3.133e+05	-364.01	0.06	0.0	600.0	-4.227e+04	1426.61	-2.16	1028.00	-364.01	1.169e+06
73	4	1.170e+06	3135.70	-0.13	0.0	0.0	-3.515e+04	1702.50	-9.61	789.97	3135.70	1.484e+05
		1.484e+05	-2631.87	0.05	0.0	600.0	-3.245e+04	1702.50	-9.61	789.97	-2631.87	1.170e+06
73	6	1.003e+06	1975.59	-0.11	0.0	0.0	-3.184e+04	1442.19	-5.92	1353.86	1975.59	1.381e+05
		1.381e+05	-1575.41	0.05	0.0	600.0	-2.914e+04	1442.19	-5.92	1353.86	-1575.41	1.003e+06
73	7	1.017e+06	7742.95	-0.10	0.0	0.0	-3.319e+04	1599.37	-24.97	1143.34	7742.95	5.767e+04
		5.767e+04	-7239.45	0.05	0.0	600.0	-3.049e+04	1599.37	-24.97	1143.34	-7239.45	1.017e+06
73	8	1.121e+06	2834.00	-0.13	0.0	0.0	-3.443e+04	1642.74	-8.65	1160.46	2834.00	1.357e+05
		1.357e+05	-2356.91	0.05	0.0	600.0	-3.173e+04	1642.74	-8.65	1160.46	-2356.91	1.121e+06
73	9	1.004e+06	2310.13	-0.11	0.0	0.0	-3.227e+04	1439.76	-7.01	1303.45	2310.13	1.402e+05
		1.402e+05	-1895.70	0.05	0.0	600.0	-2.957e+04	1439.76	-7.01	1303.45	-1895.70	1.004e+06
73	11	1.212e+06	4.047e+04	-0.53	0.0	0.0	-3.253e+04	3100.01	135.00	1.889e+04	-4.053e+04	-6.479e+05
		-6.479e+05	-4.053e+04	7.40e-03	0.0	600.0	-2.983e+04	3100.01	135.00	1.889e+04	4.047e+04	1.212e+06
73	15	1.212e+06	3.302e+04	-0.47	0.0	0.0	-3.249e+04	2979.59	110.02	1.588e+04	-3.299e+04	-5.757e+05
		-5.757e+05	-3.299e+04	0.02	0.0	600.0	-2.979e+04	2979.59	110.02	1.588e+04	3.302e+04	1.212e+06
73	18	1.049e+06	3.555e+05	-0.15	0.0	0.0	-3.288e+04	1670.77	-1176.02	7622.56	3.555e+05	4.605e+04
		4.605e+04	-3.501e+05	0.59	0.0	600.0	-3.018e+04	1670.77	-1176.02	7622.56	-3.501e+05	1.049e+06
73	19	9.635e+05	3.485e+05	0.17	0.0	0.0	-3.167e+04	1221.27	1169.70	-5200.92	-3.533e+05	2.307e+05
		2.307e+05	-3.533e+05	-0.50	0.0	600.0	-2.897e+04	1221.27	1169.70	-5200.92	3.485e+05	9.635e+05
73	21	9.498e+05	3.468e+05	0.20	0.0	0.0	-3.160e+04	1136.26	1163.83	-8641.79	-3.515e+05	2.681e+05
		2.681e+05	-3.515e+05	-0.50	0.0	600.0	-2.890e+04	1136.26	1163.83	-8641.79	3.468e+05	9.498e+05
73	42	1.005e+06	1700.73	-0.11	0.0	0.0	-3.227e+04	1443.98	-4.99	1181.34	1700.73	1.384e+05
		1.384e+05	-1294.62	0.05	0.0	600.0	-2.957e+04	1443.98	-4.99	1181.34	-1294.62	1.005e+06
73	43	1.005e+06	1700.73	-0.11	0.0	0.0	-3.227e+04	1443.98	-4.99	1181.34	1700.73	1.384e+05
		1.384e+05	-1294.62	0.05	0.0	600.0	-2.957e+04	1443.98	-4.99	1181.34	-1294.62	1.005e+06
73	44	1.005e+06	1700.73	-0.11	0.0	0.0	-3.227e+04	1443.98	-4.99	1181.34	1700.73	1.384e+05
		1.384e+05	-1294.62	0.05	0.0	600.0	-2.957e+04	1443.98	-4.99	1181.34	-1294.62	1.005e+06

74	1	1.699e+05	9.024e+04	0.27	0.0	0.0	-4.463e+04	-2224.54	-300.01	516.47	9.024e+04	1.699e+05
		-1.165e+06	-8.977e+04	0.11	0.0	600.0	-4.112e+04	-2224.54	-300.01	516.47	-8.977e+04	-1.165e+06
74	2	2.563e+05	7.448e+04	0.22	0.0	0.0	-3.396e+04	-2331.42	-247.53	693.61	7.448e+04	2.563e+05
		-1.143e+06	-7.404e+04	0.10	0.0	600.0	-3.126e+04	-2331.42	-247.53	693.61	-7.404e+04	-1.143e+06
74	3	2.281e+04	8.635e+04	0.30	0.0	0.0	-4.648e+04	-1997.01	-287.10	756.27	8.635e+04	2.281e+04
		-1.175e+06	-8.591e+04	0.11	0.0	600.0	-4.297e+04	-1997.01	-287.10	756.27	-8.591e+04	-1.175e+06
74	4	1.517e+05	6.845e+04	0.27	0.0	0.0	-3.579e+04	-2336.49	-227.51	479.66	6.845e+04	1.517e+05
		-1.250e+06	-6.806e+04	0.09	0.0	600.0	-3.309e+04	-2336.49	-227.51	479.66	-6.806e+04	-1.250e+06
74	6	1.378e+05	6.584e+04	0.24	0.0	0.0	-3.256e+04	-2103.54	-218.86	1056.53	6.584e+04	1.378e+05
		-1.124e+06	-6.548e+04	0.09	0.0	600.0	-2.986e+04	-2103.54	-218.86	1056.53	-6.548e+04	-1.124e+06
74	7	2.150e+05	7.214e+04	0.23	0.0	0.0	-3.393e+04	-2253.80	-239.76	757.78	7.214e+04	2.150e+05
		-1.137e+06	-7.172e+04	0.09	0.0	600.0	-3.123e+04	-2253.80	-239.76	757.78	-7.172e+04	-1.137e+06
74	8	1.509e+05	7.007e+04	0.26	0.0	0.0	-3.519e+04	-2330.04	-232.85	819.07	7.007e+04	1.509e+05
		-1.247e+06	-6.964e+04	0.09	0.0	600.0	-3.249e+04	-2330.04	-232.85	819.07	-6.964e+04	-1.247e+06
74	9	1.361e+05	6.638e+04	0.24	0.0	0.0	-3.300e+04	-2102.04	-220.65	999.89	6.638e+04	1.361e+05
		-1.125e+06	-6.601e+04	0.09	0.0	600.0	-3.030e+04	-2102.04	-220.65	999.89	-6.601e+04	-1.125e+06
74	10	9.154e+05	9.831e+04	0.79	0.0	0.0	-3.331e+04	-3647.28	330.87	-1.827e+04	-1.002e+05	9.154e+05
		-1.273e+06	-1.002e+05	-0.16	0.0	600.0	-3.061e+04	-3647.28	330.87	-1.827e+04	9.831e+04	-1.273e+06
74	13	-5.948e+05	1.604e+05	-0.42	0.0	0.0	-3.256e+04	-472.57	-532.02	1.051e+04	1.604e+05	-5.948e+05
		-8.783e+05	-1.588e+05	0.22	0.0	600.0	-2.986e+04	-472.57	-532.02	1.051e+04	-1.588e+05	-8.783e+05
74	18	3.232e+04	4.778e+05	0.20	0.0	0.0	-3.339e+04	-1879.65	-1582.92	6523.24	4.778e+05	3.232e+04
		-1.095e+06	-4.719e+05	0.72	0.0	600.0	-3.069e+04	-1879.65	-1582.92	6523.24	-4.719e+05	-1.095e+06
74	42	1.344e+05	6.461e+04	0.23	0.0	0.0	-3.299e+04	-2098.04	-214.78	881.65	6.461e+04	1.344e+05
		-1.124e+06	-6.426e+04	0.08	0.0	600.0	-3.029e+04	-2098.04	-214.78	881.65	-6.426e+04	-1.124e+06
74	43	1.344e+05	6.461e+04	0.23	0.0	0.0	-3.299e+04	-2098.04	-214.78	881.65	6.461e+04	1.344e+05
		-1.124e+06	-6.426e+04	0.08	0.0	600.0	-3.029e+04	-2098.04	-214.78	881.65	-6.426e+04	-1.124e+06
74	44	1.344e+05	6.461e+04	0.23	0.0	0.0	-3.299e+04	-2098.04	-214.78	881.65	6.461e+04	1.344e+05
		-1.124e+06	-6.426e+04	0.08	0.0	600.0	-3.029e+04	-2098.04	-214.78	881.65	-6.426e+04	-1.124e+06
75	2	2.465e+05	5.871e+04	0.22	0.0	0.0	-3.402e+04	-2260.52	-194.03	-129.26	5.871e+04	2.465e+05
		-1.110e+06	-5.771e+04	0.09	0.0	600.0	-3.132e+04	-2260.52	-194.03	-129.26	-5.771e+04	-1.110e+06
75	3	3.429e+04	7.652e+04	0.30	0.0	0.0	-4.664e+04	-2053.24	-252.92	-1104.14	7.652e+04	3.429e+04
		-1.198e+06	-7.524e+04	0.10	0.0	600.0	-4.313e+04	-2053.24	-252.92	-1104.14	-7.524e+04	-1.198e+06
75	4	1.385e+05	6.062e+04	0.26	0.0	0.0	-3.583e+04	-2252.13	-200.32	-767.77	6.062e+04	1.385e+05
		-1.213e+06	-5.957e+04	0.08	0.0	600.0	-3.313e+04	-2252.13	-200.32	-767.77	-5.957e+04	-1.213e+06
75	6	1.295e+05	5.950e+04	0.23	0.0	0.0	-3.258e+04	-2032.69	-196.56	-17.60	5.950e+04	1.295e+05
		-1.090e+06	-5.844e+04	0.08	0.0	600.0	-2.988e+04	-2032.69	-196.56	-17.60	-5.844e+04	-1.090e+06
75	7	2.052e+05	5.906e+04	0.23	0.0	0.0	-3.398e+04	-2181.27	-195.17	-137.69	5.906e+04	2.052e+05
		-1.104e+06	-5.804e+04	0.09	0.0	600.0	-3.128e+04	-2181.27	-195.17	-137.69	-5.804e+04	-1.104e+06
75	8	1.403e+05	6.188e+04	0.25	0.0	0.0	-3.522e+04	-2251.24	-204.48	-299.58	6.188e+04	1.403e+05
		-1.210e+06	-6.081e+04	0.09	0.0	600.0	-3.252e+04	-2251.24	-204.48	-299.58	-6.081e+04	-1.210e+06
75	9	1.272e+05	5.958e+04	0.23	0.0	0.0	-3.303e+04	-2029.41	-196.84	-62.88	5.958e+04	1.272e+05
		-1.090e+06	-5.853e+04	0.08	0.0	600.0	-3.033e+04	-2029.41	-196.84	-62.88	-5.853e+04	-1.090e+06
75	10	7.891e+05	9.691e+04	0.69	0.0	0.0	-3.362e+04	-3358.89	325.05	-2.057e+04	-9.812e+04	7.891e+05
		-1.226e+06	-9.812e+04	-0.16	0.0	600.0	-3.092e+04	-3358.89	325.05	-2.057e+04	9.691e+04	-1.226e+06
75	11	-5.637e+05	1.996e+05	-0.39	0.0	0.0	-3.244e+04	-486.80	-660.35	1.828e+04	1.996e+05	-5.637e+05
		-8.558e+05	-1.966e+05	0.30	0.0	600.0	-2.974e+04	-486.80	-660.35	1.828e+04	-1.966e+05	-8.558e+05
75	14	7.329e+05	7.211e+04	0.64	0.0	0.0	-3.355e+04	-3268.20	241.79	-1.733e+04	-7.296e+04	7.329e+05
		-1.228e+06	-7.296e+04	-0.12	0.0	600.0	-3.085e+04	-3268.20	241.79	-1.733e+04	7.211e+04	-1.228e+06
75	18	6.344e+04	4.702e+05	0.21	0.0	0.0	-3.267e+04	-1888.30	-1555.19	5526.80	4.702e+05	6.344e+04
		-1.070e+06	-4.629e+05	0.72	0.0	600.0	-2.997e+04	-1888.30	-1555.19	5526.80	-4.629e+05	-1.070e+06
75	42	1.246e+05	5.781e+04	0.23	0.0	0.0	-3.303e+04	-2023.03	-190.97	-147.36	5.781e+04	1.246e+05
		-1.089e+06	-5.678e+04	0.08	0.0	600.0	-3.033e+04	-2023.03	-190.97	-147.36	-5.678e+04	-1.089e+06
75	43	1.246e+05	5.781e+04	0.23	0.0	0.0	-3.303e+04	-2023.03	-190.97	-147.36	5.781e+04	1.246e+05
		-1.089e+06	-5.678e+04	0.08	0.0	600.0	-3.033e+04	-2023.03	-190.97	-147.36	-5.678e+04	-1.089e+06
75	44	1.246e+05	5.781e+04	0.23	0.0	0.0	-3.303e+04	-2023.03	-190.97	-147.36	5.781e+04	1.246e+05
		-1.089e+06	-5.678e+04	0.08	0.0	600.0	-3.033e+04	-2023.03	-190.97	-147.36	-5.678e+04	-1.089e+06
76	2	9.879e+05	5.730e+04	0.09	0.0	0.0	-3.342e+04	1809.37	195.20	-546.19	-5.982e+04	-9.776e+04
		-9.776e+04	-5.982e+04	0.05	0.0	600.0	-3.072e+04	1809.37	195.20	-546.19	5.730e+04	9.879e+05
76	3	1.116e+06	8.425e+04	0.13	0.0	0.0	-4.589e+04	1600.06	285.95	-1352.12	-8.732e+04	1.561e+05
		1.561e+05	-8.732e+04	0.06	0.0	600.0	-4.238e+04	1600.06	285.95	-1352.12	8.425e+04	1.116e+06
76	6	9.608e+05	5.509e+04	0.10	0.0	0.0	-3.197e+04	1542.52	187.27	-25.81	-5.727e+04	3.532e+04
		3.532e+04	-5.727e+04	0.04	0.0	600.0	-2.927e+04	1542.52	187.27	-25.81	5.509e+04	9.608e+05
76	7	9.805e+05	5.728e+04	0.09	0.0	0.0	-3.338e+04	1723.48	195.02	-444.21	-5.973e+04	-5.358e+04
		-5.358e+04	-5.973e+04	0.05	0.0	600.0	-3.068e+04	1723.48	195.02	-444.21	5.728e+04	9.805e+05
76	8	1.072e+06	6.105e+04	-0.11	0.0	0.0	-3.455e+04	1749.54	207.40	-371.29	-6.339e+04	2.231e+04
		2.231e+04	-6.339e+04	0.05	0.0	600.0	-3.185e+04	1749.54	207.40	-371.29	6.105e+04	1.072e+06
76	9	9.625e+05	5.581e+04	0.10	0.0	0.0	-3.241e+04	1545.60	189.74	-97.59	-5.804e+04	3.513e+04
		3.513e+04	-5.804e+04	0.04	0.0	600.0	-2.971e+04	1545.60	189.74	-97.59	5.581e+04	9.625e+05
76	11	1.098e+06	9.957e+04	-0.44	0.0	0.0	-3.223e+04	2895.99	335.52	1.866e+04	-1.017e+05	-6.397e+05
		-6.397e+05	-1.017e+05	0.02	0.0	600.0	-2.953e+04	2895.99	335.52	1.866e+04	9.957e+04	1.098e+06
76	12	7.861e+05	3.454e+04	0.58	0.0	0.0	-3.275e+04	186.82	119.18	-1.235e+04	-3.697e+04	6.740e+05
		6.740e+05	-3.697e+04	0.05	0.0	600.0	-3.005e+04	186.82	119.18	-1.235e+04	3.454e+04	7.861e+05
76	17	1.112e+06	7.611e+04	-0.39	0.0	0.0	-3.218e+04	2812.28	257.10	8734.42	-7.815e+04	-5.753e+05
		-5.753e+05	-7.815e+04	0.03	0.0	600.0	-2.948e+04	2812.28	257.10	8734.42	7.611e+04	1.112e+06
76	19	9.341e+05	4.151e+05	0.14	0.0	0.0	-3.212e+04	1427.59	1393.32	-7448.15	-4.209e+05	7.756e+04
		7.756e+04	-4.209e+05	-0.50	0.0	600.0	-2.942e+04	1427.59	1393.32	-7448.15	4.151e+05	9.341e+05
76	21	9.262e+05	4.136e+05	0.15	0.0	0.0	-3.211e+04	1386.20	1388.47	-1.088e+04	-4.195e+05	9.450e+04

		9.450e+04	-4.195e+05	-0.50	0.0	600.0	-2.941e+04	1386.20	1388.47	-1.088e+04	4.136e+05	9.262e+05
76	42	9.641e+05	5.641e+04	0.09	0.0	0.0	-3.242e+04	1553.02	191.78	-196.10	-5.866e+04	3.226e+04
		3.226e+04	-5.866e+04	0.04	0.0	600.0	-2.972e+04	1553.02	191.78	-196.10	5.641e+04	9.641e+05
76	43	9.641e+05	5.641e+04	0.09	0.0	0.0	-3.242e+04	1553.02	191.78	-196.10	-5.866e+04	3.226e+04
		3.226e+04	-5.866e+04	0.04	0.0	600.0	-2.972e+04	1553.02	191.78	-196.10	5.641e+04	9.641e+05
76	44	9.641e+05	5.641e+04	0.09	0.0	0.0	-3.242e+04	1553.02	191.78	-196.10	-5.866e+04	3.226e+04
		3.226e+04	-5.866e+04	0.04	0.0	600.0	-2.972e+04	1553.02	191.78	-196.10	5.641e+04	9.641e+05
85	1	4.469e+04	5.544e+04	0.04	0.0	0.0	-5720.17	233.65	284.75	-4311.17	-4.707e+04	-3.942e+04
		-3.942e+04	-4.707e+04	-0.06	0.0	360.0	-4778.32	233.65	284.75	-4311.17	5.544e+04	4.469e+04
85	6	1.683e+04	3.322e+04	0.03	0.0	0.0	-3444.36	84.95	168.02	-2501.74	-2.727e+04	-1.375e+04
		-1.375e+04	-2.727e+04	-0.04	0.0	360.0	-2719.86	84.95	168.02	-2501.74	3.322e+04	1.683e+04
85	7	2.771e+04	4.172e+04	0.03	0.0	0.0	-4229.07	143.30	214.52	-3100.06	-3.551e+04	-2.387e+04
		-2.387e+04	-3.551e+04	-0.05	0.0	360.0	-3504.57	143.30	214.52	-3100.06	4.172e+04	2.771e+04
85	9	1.851e+04	3.485e+04	0.03	0.0	0.0	-3521.11	94.09	177.49	-2592.60	-2.904e+04	-1.536e+04
		-1.536e+04	-2.904e+04	-0.04	0.0	360.0	-2796.61	94.09	177.49	-2592.60	3.485e+04	1.851e+04
85	16	3.606e+04	6.160e+04	2.89e-03	0.0	0.0	-3669.47	191.49	328.34	-5180.67	-5.660e+04	-3.288e+04
		-3.288e+04	-5.660e+04	-0.16	0.0	360.0	-2944.97	191.49	328.34	-5180.67	6.160e+04	3.606e+04
85	21	2.243e+05	3.454e+04	-0.23	0.0	0.0	-3870.67	1235.30	172.33	-4428.91	-2.750e+04	-2.204e+05
		-2.204e+05	-2.750e+04	6.45e-03	0.0	360.0	-3146.17	1235.30	172.33	-4428.91	3.454e+04	2.243e+05
85	22	1.770e+05	3.486e+04	0.27	0.0	0.0	-3181.65	-976.42	183.02	-1454.09	-3.103e+04	1.770e+05
		-1.745e+05	-3.103e+04	-0.07	0.0	360.0	-2457.15	-976.42	183.02	-1454.09	3.486e+04	-1.745e+05
85	23	2.130e+05	3.864e+04	-0.22	0.0	0.0	-3881.96	1172.75	195.50	-3975.57	-3.174e+04	-2.092e+05
		-2.092e+05	-3.174e+04	-0.02	0.0	360.0	-3157.46	1172.75	195.50	-3975.57	3.864e+04	2.130e+05
85	42	1.997e+04	3.700e+04	0.03	0.0	0.0	-3535.07	102.14	190.68	-2667.54	-3.164e+04	-1.680e+04
		-1.680e+04	-3.164e+04	-0.04	0.0	360.0	-2810.57	102.14	190.68	-2667.54	3.700e+04	1.997e+04
85	43	1.997e+04	3.700e+04	0.03	0.0	0.0	-3535.07	102.14	190.68	-2667.54	-3.164e+04	-1.680e+04
		-1.680e+04	-3.164e+04	-0.04	0.0	360.0	-2810.57	102.14	190.68	-2667.54	3.700e+04	1.997e+04
85	44	1.997e+04	3.700e+04	0.03	0.0	0.0	-3535.07	102.14	190.68	-2667.54	-3.164e+04	-1.680e+04
		-1.680e+04	-3.164e+04	-0.04	0.0	360.0	-2810.57	102.14	190.68	-2667.54	3.700e+04	1.997e+04
86	1	3087.71	6972.36	0.08	-1.37e-03	0.0	-3300.74	-22.13	91.32	-4780.12	-2.580e+04	3087.71
		-4853.61	-2.580e+04	0.03	1.05e-03	358.9	-2251.05	-22.13	91.32	-4780.12	6972.36	-4853.61
86	2	2611.17	5326.47	0.07	-1.06e-03	0.0	-2549.05	-18.33	70.29	-3524.26	-1.990e+04	2611.17
		-3965.37	-1.990e+04	0.03	8.11e-04	358.9	-1741.59	-18.33	70.29	-3524.26	5326.47	-3965.37
86	3	1.430e+04	4743.41	0.07	-1.37e-03	0.0	-3833.28	-72.28	61.73	-3716.38	-1.741e+04	1.430e+04
		-1.164e+04	-1.741e+04	0.03	1.05e-03	358.9	-2783.58	-72.28	61.73	-3716.38	4743.41	-1.164e+04
86	5	1.594e+04	5401.20	0.06	-1.37e-03	0.0	-3397.32	-71.39	70.14	-3967.44	-1.977e+04	1.594e+04
		-9679.67	-1.977e+04	0.02	1.05e-03	358.9	-2347.63	-71.39	70.15	-3967.44	5401.20	-9679.67
86	7	4712.46	4899.41	0.06	-1.06e-03	0.0	-2578.58	-27.51	64.92	-3261.21	-1.840e+04	4712.46
		-5161.37	-1.840e+04	0.02	8.11e-04	358.9	-1771.12	-27.51	64.92	-3261.21	4899.41	-5161.37
86	8	1.257e+04	3638.24	0.06	-1.06e-03	0.0	-2964.65	-62.76	48.57	-2472.13	-1.379e+04	1.257e+04
		-9954.11	-1.379e+04	0.02	8.11e-04	358.9	-2157.19	-62.76	48.57	-2472.13	3638.24	-9954.11
86	9	1.354e+04	4064.18	0.05	-1.06e-03	0.0	-2660.07	-61.64	53.70	-2745.73	-1.521e+04	1.354e+04
		-8577.58	-1.521e+04	0.02	8.11e-04	358.9	-1852.61	-61.64	53.70	-2745.73	4064.18	-8577.58
86	10	5.276e+04	6822.13	0.14	-1.06e-03	0.0	-2247.61	-256.15	-21.52	-3895.79	6822.13	5.276e+04
		-3.917e+04	-899.73	0.06	8.11e-04	358.9	-1440.15	-256.15	-21.52	-3895.79	-899.73	-3.917e+04
86	11	2.619e+04	8379.94	-0.04	-1.06e-03	0.0	-2999.14	177.65	122.23	-1132.89	-3.548e+04	-3.757e+04
		-3.757e+04	-3.548e+04	-0.02	8.11e-04	358.9	-2191.68	177.65	122.23	-1132.89	8379.94	2.619e+04
86	16	6.803e+04	699.47	0.17	-1.06e-03	0.0	-2542.36	-329.21	1.75	-3338.47	71.72	6.803e+04
		-5.012e+04	71.72	0.03	8.11e-04	358.9	-1734.90	-329.22	1.75	-3338.47	699.47	-5.012e+04
86	17	3.826e+04	7083.13	-0.07	-1.06e-03	0.0	-2734.23	258.22	103.56	-1592.24	-3.008e+04	-5.440e+04
		-5.440e+04	-3.008e+04	7.33e-03	8.11e-04	358.9	-1926.77	258.22	103.56	-1592.24	7083.13	3.826e+04
86	18	3.081e+04	7.714e+04	0.09	-1.06e-03	0.0	-2674.42	-148.06	-271.71	4371.61	7.714e+04	3.081e+04
		-2.232e+04	-2.037e+04	0.26	8.11e-04	358.9	-1866.96	-148.06	-271.71	4371.61	-2.037e+04	-2.232e+04
86	23	3712.38	2.739e+04	0.03	-1.06e-03	0.0	-2710.10	31.86	365.88	-9180.17	-1.039e+05	-7722.60
		-7722.60	-1.039e+05	-0.22	8.11e-04	358.9	-1902.64	31.86	365.88	-9180.17	2.739e+04	3712.38
86	42	9711.08	3840.20	0.06	-1.06e-03	0.0	-2653.47	-49.29	51.71	-2581.43	-1.472e+04	9711.08
		-7976.06	-1.472e+04	0.02	8.11e-04	358.9	-1846.01	-49.29	51.71	-2581.43	3840.20	-7976.06
86	43	9711.08	3840.20	0.06	-1.06e-03	0.0	-2653.47	-49.29	51.71	-2581.43	-1.472e+04	9711.08
		-7976.06	-1.472e+04	0.02	8.11e-04	358.9	-1846.01	-49.29	51.71	-2581.43	3840.20	-7976.06
86	44	9711.08	3840.20	0.06	-1.06e-03	0.0	-2653.47	-49.29	51.71	-2581.43	-1.472e+04	9711.08
		-7976.06	-1.472e+04	0.02	8.11e-04	358.9	-1846.01	-49.29	51.71	-2581.43	3840.20	-7976.06
87	3	1.900e+04	1235.82	0.08	-1.37e-03	0.0	-4384.61	-112.96	-6.59	-667.85	1235.82	1.900e+04
		-2.154e+04	-1129.96	0.04	1.05e-03	358.9	-3334.91	-112.96	-6.59	-667.85	-1129.96	-2.154e+04
87	6	5785.39	26.55	0.05	-1.06e-03	0.0	-2974.65	-61.05	7.53	-552.75	-2677.21	5785.39
		-1.612e+04	-2677.21	0.02	8.11e-04	358.9	-2167.20	-61.05	7.53	-552.75	26.55	-1.612e+04
87	8	1.574e+04	-388.55	0.06	-1.06e-03	0.0	-3292.19	-92.29	1.51	-364.34	-929.86	1.574e+04
		-1.738e+04	-929.86	0.02	8.11e-04	358.9	-2484.73	-92.29	1.51	-364.34	-388.55	-1.738e+04
87	9	8172.87	-59.40	0.05	-1.06e-03	0.0	-2980.54	-66.94	6.23	-530.15	-2296.64	8172.87
		-1.585e+04	-2296.64	0.02	8.11e-04	358.9	-2173.08	-66.94	6.23	-530.15	-59.40	-1.585e+04
87	16	6.796e+04	1.569e+04	0.17	-1.06e-03	0.0	-2992.91	-352.44	-56.73	-522.69	1.569e+04	6.796e+04
		-5.852e+04	-4672.11	0.05	8.11e-04	358.9	-2185.45	-352.45	-56.73	-522.69	-4672.11	-5.852e+04
87	18	3.549e+04	7.720e+04	0.09	-1.06e-03	0.0	-2637.48	-188.52	-273.07	4931.35	7.720e+04	3.549e+04
		-3.217e+04	-2.080e+04	0.26	8.11e-04	358.9	-1830.02	-188.52	-273.06	4931.35	-2.080e+04	-3.217e+04
87	21	7309.76	1.902e+04	6.55e-03	-1.06e-03	0.0	-3394.99	67.32	262.78	-5867.06	-7.528e+04	-1.685e+04
		-1.685e+04	-7.528e+04	-0.19	8.11e-04	358.9	-2587.53	67.31	262.78	-5867.06	1.902e+04	7309.76
87	23	-1445.60	1.986e+04	0.03	-1.06e-03	0.0	-3255.58	11.95	273.09	-5555.92	-7.814e+04	-5733.74
		-5733.74	-7.814e+04	-0.21	8.11e-04	358.9	-2448.12	11.95	273.09	-5555.92	1.986e+04	-1445.60

87	42	1.342e+04	-190.38	0.06	-1.06e-03	0.0	-2983.40	-80.78	4.13	-450.52	-1671.98	1.342e+04
		-1.557e+04	-1671.98	0.02	8.11e-04	358.9	-2175.94	-80.78	4.13	-450.52	-190.38	-1.557e+04
87	43	1.342e+04	-190.38	0.06	-1.06e-03	0.0	-2983.40	-80.78	4.13	-450.52	-1671.98	1.342e+04
		-1.557e+04	-1671.98	0.02	8.11e-04	358.9	-2175.94	-80.78	4.13	-450.52	-190.38	-1.557e+04
87	44	1.342e+04	-190.38	0.06	-1.06e-03	0.0	-2983.40	-80.78	4.13	-450.52	-1671.98	1.342e+04
		-1.557e+04	-1671.98	0.02	8.11e-04	358.9	-2175.94	-80.78	4.13	-450.52	-190.38	-1.557e+04
90	2	2.551e+04	3430.94	0.07	0.0	0.0	-3111.64	-141.10	-11.13	-838.67	3430.94	2.551e+04
		-2.529e+04	-576.25	0.04	0.0	360.0	-2301.64	-141.10	-11.13	-838.67	-576.25	-2.529e+04
90	3	3.551e+04	5951.11	0.08	0.0	0.0	-4567.18	-200.88	-20.27	-649.86	5951.11	3.551e+04
		-3.681e+04	-1345.66	0.04	0.0	360.0	-3514.18	-200.88	-20.27	-649.86	-1345.66	-3.681e+04
90	5	5.018e+04	4605.72	0.06	0.0	0.0	-4088.19	-247.63	-15.72	-873.82	4605.72	5.018e+04
		-3.897e+04	-1054.32	0.04	0.0	360.0	-3035.19	-247.63	-15.72	-873.82	-1054.32	-3.897e+04
90	7	2.557e+04	3007.80	0.06	0.0	0.0	-3115.80	-141.16	-9.86	-754.37	3007.80	2.557e+04
		-2.525e+04	-540.19	0.04	0.0	360.0	-2305.80	-141.16	-9.86	-754.37	-540.19	-2.525e+04
90	8	2.776e+04	2246.71	0.06	0.0	0.0	-3476.89	-155.95	-7.80	-425.11	2246.71	2.776e+04
		-2.838e+04	-559.79	0.03	0.0	360.0	-2666.89	-155.95	-7.80	-425.11	-559.79	-2.838e+04
90	9	3.756e+04	1985.58	0.05	0.0	0.0	-3153.81	-187.21	-6.88	-599.35	1985.58	3.756e+04
		-2.983e+04	-492.52	0.03	0.0	360.0	-2343.81	-187.21	-6.88	-599.35	-492.52	-2.983e+04
90	10	6.633e+04	3.024e+04	0.15	0.0	0.0	-3014.12	-338.66	-103.09	417.66	3.024e+04	6.633e+04
		-5.559e+04	-6873.23	0.09	0.0	360.0	-2204.12	-338.66	-103.09	417.66	-6873.23	-5.559e+04
90	11	7657.78	5834.46	-0.04	0.0	0.0	-3215.56	71.49	88.89	-1355.18	-2.617e+04	-1.808e+04
		-1.808e+04	-2.617e+04	-0.04	0.0	360.0	-2405.56	71.49	88.89	-1355.18	5834.46	7657.78
90	16	7.836e+04	2.042e+04	0.17	0.0	0.0	-3120.49	-397.62	-69.58	154.04	2.042e+04	7.836e+04
		-6.478e+04	-4627.16	0.06	0.0	360.0	-2310.49	-397.62	-69.58	154.04	-4627.16	-6.478e+04
90	18	4.583e+04	7.249e+04	0.09	0.0	0.0	-3174.57	-238.41	-253.39	7957.82	7.249e+04	4.583e+04
		-3.999e+04	-1.873e+04	0.25	0.0	360.0	-2364.57	-238.41	-253.39	7957.82	-1.873e+04	-3.999e+04
90	19	3661.46	1.732e+04	0.02	0.0	0.0	-3060.66	-34.67	233.06	-8814.40	-6.658e+04	3661.46
		-8820.52	-6.658e+04	-0.19	0.0	360.0	-2250.66	-34.67	233.06	-8814.40	1.732e+04	-8820.52
90	42	2.533e+04	1710.21	0.06	0.0	0.0	-3125.54	-139.38	-5.86	-550.47	1710.21	2.533e+04
		-2.485e+04	-399.23	0.03	0.0	360.0	-2315.54	-139.38	-5.86	-550.47	-399.23	-2.485e+04
90	43	2.533e+04	1710.21	0.06	0.0	0.0	-3125.54	-139.38	-5.86	-550.47	1710.21	2.533e+04
		-2.485e+04	-399.23	0.03	0.0	360.0	-2315.54	-139.38	-5.86	-550.47	-399.23	-2.485e+04
90	44	2.533e+04	1710.21	0.06	0.0	0.0	-3125.54	-139.38	-5.86	-550.47	1710.21	2.533e+04
		-2.485e+04	-399.23	0.03	0.0	360.0	-2315.54	-139.38	-5.86	-550.47	-399.23	-2.485e+04
95	1	6337.55	2.513e+04	0.03	0.0	0.0	-7113.32	87.56	199.45	3388.65	-3394.92	-6183.67
		-6183.67	-3394.92	0.02	0.0	143.0	-6695.05	87.56	199.45	3388.65	2.513e+04	6337.55
95	3	1.165e+04	2.016e+04	0.02	0.0	0.0	-7144.21	129.51	161.55	2655.13	-2946.15	-6868.76
		-6868.76	-2946.15	0.02	0.0	143.0	-6725.93	129.51	161.55	2655.13	2.016e+04	1.165e+04
95	6	5925.59	1.548e+04	0.01	0.0	0.0	-5239.02	-130.32	123.99	1647.76	-2246.65	5925.59
		-1.271e+04	-2246.65	0.01	0.0	143.0	-4917.27	-130.32	123.99	1647.76	1.548e+04	-1.271e+04
95	7	6205.36	1.901e+04	0.02	0.0	0.0	-5458.23	80.60	153.26	2467.62	-2910.81	-5320.56
		-5320.56	-2910.81	0.02	0.0	143.0	-5136.48	80.60	153.26	2467.62	1.901e+04	6205.36
95	8	9989.20	1.587e+04	0.01	0.0	0.0	-5521.65	111.07	131.00	2018.31	-2860.61	-5893.57
		-5893.57	-2860.61	0.01	0.0	143.0	-5199.90	111.07	131.00	2018.31	1.587e+04	9989.20
95	9	2079.74	1.590e+04	0.01	0.0	0.0	-5262.82	-54.68	128.27	1802.76	-2440.86	2079.74
		-5739.54	-2440.86	0.01	0.0	143.0	-4941.07	-54.68	128.27	1802.76	1.590e+04	-5739.54
95	16	4.105e+04	1.114e+04	0.02	0.0	0.0	-4527.41	375.70	81.41	1405.05	-499.74	-1.267e+04
		-1.267e+04	-499.74	9.72e-03	0.0	143.0	-4205.66	375.70	81.41	1405.05	1.114e+04	4.105e+04
95	17	2950.55	2.209e+04	0.01	0.0	0.0	-6026.40	-213.39	192.46	2957.01	-5427.89	2950.55
		-2.756e+04	-5427.89	0.01	0.0	143.0	-5704.65	-213.39	192.46	2957.01	2.209e+04	-2.756e+04
95	22	1.833e+04	1.135e+04	0.01	0.0	0.0	-3625.78	188.95	-81.65	-107.92	1.135e+04	-8692.47
		-8692.47	-331.24	0.05	0.0	143.0	-3304.03	188.95	-81.65	-107.92	-331.24	1.833e+04
95	23	-2170.41	3.257e+04	0.02	0.0	0.0	-6836.87	0.60	344.31	4079.07	-1.667e+04	-2256.07
		-2256.07	-1.667e+04	-0.02	0.0	143.0	-6515.12	0.60	344.31	4079.07	3.257e+04	-2170.41
95	42	8534.46	1.622e+04	0.02	0.0	0.0	-5273.32	99.08	133.47	2026.37	-2865.03	-5633.94
		-5633.94	-2865.03	0.01	0.0	143.0	-4951.57	99.08	133.47	2026.37	1.622e+04	8534.46
95	43	8534.46	1.622e+04	0.02	0.0	0.0	-5273.32	99.08	133.47	2026.37	-2865.03	-5633.94
		-5633.94	-2865.03	0.01	0.0	143.0	-4951.57	99.08	133.47	2026.37	1.622e+04	8534.46
95	44	8534.46	1.622e+04	0.02	0.0	0.0	-5273.32	99.08	133.47	2026.37	-2865.03	-5633.94
		-5633.94	-2865.03	0.01	0.0	143.0	-4951.57	99.08	133.47	2026.37	1.622e+04	8534.46
97	2	2.675e+04	1.155e+04	0.07	0.0	0.0	-3224.59	-148.20	-36.67	-29.24	1.155e+04	2.675e+04
		-2.660e+04	-1645.91	0.04	0.0	360.0	-2414.59	-148.20	-36.67	-29.24	-1645.91	-2.660e+04
97	3	3.721e+04	1.660e+04	0.08	0.0	0.0	-4716.11	-211.31	-53.63	378.84	1.660e+04	3.721e+04
		-3.886e+04	-2706.88	0.04	0.0	360.0	-3663.11	-211.31	-53.63	378.84	-2706.88	-3.886e+04
97	5	5.127e+04	1.489e+04	0.07	0.0	0.0	-4229.24	-255.08	-47.06	154.35	1.489e+04	5.127e+04
		-4.056e+04	-2051.90	0.04	0.0	360.0	-3176.24	-255.08	-47.06	154.35	-2051.90	-4.056e+04
97	7	2.657e+04	1.115e+04	0.07	0.0	0.0	-3220.15	-147.17	-35.45	54.62	1.115e+04	2.657e+04
		-2.641e+04	-1614.84	0.04	0.0	360.0	-2410.15	-147.17	-35.45	54.62	-1614.84	-2.641e+04
97	8	2.794e+04	1.046e+04	0.06	0.0	0.0	-3558.41	-158.29	-33.67	390.58	1.046e+04	2.794e+04
		-2.905e+04	-1660.53	0.03	0.0	360.0	-2748.41	-158.29	-33.67	390.58	-1660.53	-2.905e+04
97	9	3.764e+04	9944.71	0.06	0.0	0.0	-3239.25	-189.09	-31.34	209.61	9944.71	3.764e+04
		-3.044e+04	-1338.28	0.03	0.0	360.0	-2429.25	-189.09	-31.34	209.61	-1338.28	-3.044e+04
97	16	8.396e+04	2.614e+04	0.18	0.0	0.0	-3424.99	-429.02	-87.27	742.77	2.614e+04	8.396e+04
		-7.049e+04	-5276.70	0.06	0.0	360.0	-2614.99	-429.02	-87.27	742.77	-5276.70	-7.049e+04
97	17	2.230e+04	2489.88	-0.07	0.0	0.0	-2955.43	163.47	27.55	-121.99	-7427.61	-3.655e+04
		-3.655e+04	-7427.61	-0.01	0.0	360.0	-2145.43	163.47	27.55	-121.99	2489.88	2.230e+04
97	18	4.246e+04	7.984e+04	0.09	0.0	0.0	-3340.68	-225.31	-275.22	8386.03	7.984e+04	4.246e+04

		-3.865e+04	-1.924e+04	0.25	0.0	360.0	-2530.68	-225.31	-275.22	8386.03	-1.924e+04	-3.865e+04
97	23	1.113e+04	1.577e+04	0.04	0.0	0.0	-3070.12	-70.13	203.73	-7580.17	-5.757e+04	1.113e+04
		-1.411e+04	-5.757e+04	-0.19	0.0	360.0	-2260.12	-70.13	203.73	-7580.17	1.577e+04	-1.411e+04
97	42	2.570e+04	9902.36	0.06	0.0	0.0	-3205.74	-142.47	-31.64	258.54	9902.36	2.570e+04
		-2.559e+04	-1488.49	0.03	0.0	360.0	-2395.74	-142.47	-31.64	258.54	-1488.49	-2.559e+04
97	43	2.570e+04	9902.36	0.06	0.0	0.0	-3205.74	-142.47	-31.64	258.54	9902.36	2.570e+04
		-2.559e+04	-1488.49	0.03	0.0	360.0	-2395.74	-142.47	-31.64	258.54	-1488.49	-2.559e+04
97	44	2.570e+04	9902.36	0.06	0.0	0.0	-3205.74	-142.47	-31.64	258.54	9902.36	2.570e+04
		-2.559e+04	-1488.49	0.03	0.0	360.0	-2395.74	-142.47	-31.64	258.54	-1488.49	-2.559e+04
100	3	2.057e+04	7245.30	0.08	0.0	0.0	-4147.96	-112.75	-17.94	-548.23	7245.30	2.057e+04
		-1.990e+04	807.55	0.04	0.0	358.9	-3098.26	-112.75	-17.94	-548.23	807.55	-1.990e+04
100	6	6784.10	1858.10	0.05	0.0	0.0	-2829.33	-59.45	0.07	-574.23	1832.73	6784.10
		-1.455e+04	1832.73	0.02	0.0	358.9	-2021.87	-59.45	0.07	-574.23	1858.10	-1.455e+04
100	8	1.599e+04	3629.21	0.06	0.0	0.0	-3165.79	-87.16	-6.20	-352.47	3629.21	1.599e+04
		-1.529e+04	1402.83	0.02	0.0	358.9	-2358.34	-87.16	-6.20	-352.47	1402.83	-1.529e+04
100	9	9148.30	2219.07	0.06	0.0	0.0	-2835.97	-65.30	-1.26	-538.07	2219.07	9148.30
		-1.429e+04	1765.58	0.02	0.0	358.9	-2028.51	-65.30	-1.26	-538.07	1765.58	-1.429e+04
100	13	2.902e+04	8951.64	-0.07	0.0	0.0	-3126.38	204.88	76.80	-115.53	-1.861e+04	-4.451e+04
		-4.451e+04	-1.861e+04	-0.02	0.0	358.9	-2318.93	204.88	76.80	-115.53	8951.64	2.902e+04
100	16	6.919e+04	2.075e+04	0.19	0.0	0.0	-2622.46	-346.09	-70.27	-473.20	2.075e+04	6.919e+04
		-5.501e+04	-4464.55	0.05	0.0	358.9	-1815.00	-346.09	-70.27	-473.20	-4464.55	-5.501e+04
100	18	3.166e+04	8.443e+04	0.09	0.0	0.0	-2997.13	-164.58	-308.13	5696.90	8.443e+04	3.166e+04
		-2.740e+04	-2.615e+04	0.26	0.0	358.9	-2189.67	-164.58	-308.13	5696.90	-2.615e+04	-2.740e+04
100	23	-742.41	2.835e+04	0.04	0.0	0.0	-2755.79	-3.87	290.89	-6214.33	-7.604e+04	-742.41
		-2129.81	-7.604e+04	-0.21	0.0	358.9	-1948.33	-3.87	290.89	-6214.33	2.835e+04	-2129.81
100	42	1.410e+04	2905.69	0.06	0.0	0.0	-2853.86	-78.03	-3.73	-424.91	2905.69	1.410e+04
		-1.391e+04	1566.00	0.02	0.0	358.9	-2046.40	-78.03	-3.73	-424.91	1566.00	-1.391e+04
100	43	1.410e+04	2905.69	0.06	0.0	0.0	-2853.86	-78.03	-3.73	-424.91	2905.69	1.410e+04
		-1.391e+04	1566.00	0.02	0.0	358.9	-2046.40	-78.03	-3.73	-424.91	1566.00	-1.391e+04
100	44	1.410e+04	2905.69	0.06	0.0	0.0	-2853.86	-78.03	-3.73	-424.91	2905.69	1.410e+04
		-1.391e+04	1566.00	0.02	0.0	358.9	-2046.40	-78.03	-3.73	-424.91	1566.00	-1.391e+04
101	1	1.127e+04	7.461e+04	0.04	-1.37e-03	0.0	-3120.37	259.16	-581.15	56.00	7.461e+04	-2.550e+04
		-2.550e+04	-7836.56	0.04	1.05e-03	141.9	-2705.40	259.16	-581.15	56.00	-7836.56	1.127e+04
101	2	8868.47	5.998e+04	0.03	-1.06e-03	0.0	-2385.16	202.63	-469.02	-890.34	5.998e+04	-1.988e+04
		-1.988e+04	-6561.36	0.03	8.11e-04	141.9	-2065.95	202.62	-469.02	-890.34	-6561.36	8868.47
101	3	9267.86	5.978e+04	0.03	-1.37e-03	0.0	-3640.30	248.03	-470.26	-1571.80	5.978e+04	-2.592e+04
		-2.592e+04	-6931.64	0.03	1.05e-03	141.9	-3225.33	248.03	-470.26	-1571.80	-6931.64	9267.86
101	7	8409.51	5.763e+04	0.03	-1.06e-03	0.0	-2388.50	196.82	-451.77	-1158.92	5.763e+04	-1.951e+04
		-1.951e+04	-6466.97	0.03	8.11e-04	141.9	-2069.29	196.82	-451.77	-1158.92	-6466.97	8409.51
101	8	6996.68	5.333e+04	0.02	-1.06e-03	0.0	-2707.35	187.56	-422.17	-1967.14	5.333e+04	-1.961e+04
		-1.961e+04	-6559.18	0.03	8.11e-04	141.9	-2388.14	187.56	-422.17	-1967.14	-6559.18	6996.68
101	12	1926.27	1.536e+04	0.03	-1.06e-03	0.0	-2994.40	297.24	-119.36	-3224.47	1.536e+04	-4.024e+04
		-4.024e+04	-1571.16	0.02	8.11e-04	141.9	-2675.19	297.24	-119.36	-3224.47	-1571.16	1926.27
101	13	1.323e+04	8.853e+04	0.02	-1.06e-03	0.0	-1702.39	49.67	-701.58	1287.21	8.853e+04	6186.47
		6186.47	-1.100e+04	0.03	8.11e-04	141.9	-1383.18	49.67	-701.58	1287.21	-1.100e+04	1.323e+04
101	16	1064.11	2.311e+04	0.03	-1.06e-03	0.0	-2948.52	294.15	-181.47	-3376.71	2.311e+04	-4.067e+04
		-4.067e+04	-2635.90	0.02	8.11e-04	141.9	-2629.31	294.15	-181.47	-3376.71	-2635.90	1064.11
101	17	1.398e+04	8.064e+04	0.02	-1.06e-03	0.0	-1757.95	55.00	-638.42	1349.88	8.064e+04	6179.00
		6179.00	-9930.31	0.03	8.11e-04	141.9	-1438.74	55.00	-638.42	1349.88	-9930.31	1.398e+04
101	22	5777.79	3103.25	0.02	-1.06e-03	0.0	-2832.42	226.08	547.30	-8318.50	-7.454e+04	-2.630e+04
		-2.630e+04	-7.454e+04	0.08	8.11e-04	141.9	-2513.21	226.08	547.30	-8318.50	3103.25	5777.79
101	23	9094.45	1.691e+05	0.03	-1.06e-03	0.0	-1973.99	138.90	-1293.23	4844.02	1.691e+05	-1.061e+04
		-1.061e+04	-1.437e+04	-0.03	8.11e-04	141.9	-1654.78	138.90	-1293.22	4844.02	-1.437e+04	9094.45
101	42	7278.69	5.184e+04	0.02	-1.06e-03	0.0	-2389.12	181.36	-409.37	-1827.99	5.184e+04	-1.845e+04
		-1.845e+04	-6237.75	0.03	8.11e-04	141.9	-2069.91	181.36	-409.37	-1827.99	-6237.75	7278.69
101	43	7278.69	5.184e+04	0.02	-1.06e-03	0.0	-2389.12	181.36	-409.37	-1827.99	5.184e+04	-1.845e+04
		-1.845e+04	-6237.75	0.03	8.11e-04	141.9	-2069.91	181.36	-409.37	-1827.99	-6237.75	7278.69
101	44	7278.69	5.184e+04	0.02	-1.06e-03	0.0	-2389.12	181.36	-409.37	-1827.99	5.184e+04	-1.845e+04
		-1.845e+04	-6237.75	0.03	8.11e-04	141.9	-2069.91	181.36	-409.37	-1827.99	-6237.75	7278.69
102	3	1.032e+04	-4015.62	0.02	0.0	0.0	-7648.99	62.40	-3.89	-472.17	-4015.62	-2162.47
		-2162.47	-4793.16	0.01	0.0	200.0	-7063.99	62.40	-3.89	-472.17	-4793.16	1.032e+04
102	5	2.063e+04	-2542.45	0.01	0.0	0.0	-7112.88	-214.91	18.67	-225.09	-6275.99	2.063e+04
		-2.235e+04	-6275.99	0.01	0.0	200.0	-6527.88	-214.91	18.67	-225.09	-2542.45	-2.235e+04
102	6	1.997e+04	-419.73	5.83e-03	0.0	0.0	-5445.71	-217.67	29.89	-10.60	-6397.57	1.997e+04
		-2.356e+04	-6397.57	6.98e-03	0.0	200.0	-4995.71	-217.67	29.89	-10.60	-419.73	-2.356e+04
102	8	7963.84	-2522.58	0.01	0.0	0.0	-5802.64	50.16	8.03	-216.84	-4128.14	-2068.88
		-2068.88	-4128.14	7.14e-03	0.0	200.0	-5352.64	50.16	8.03	-216.84	-2522.58	7963.84
102	9	1.319e+04	-1307.16	9.07e-03	0.0	0.0	-5452.10	-134.57	20.29	-89.58	-5365.48	1.319e+04
		-1.372e+04	-5365.48	7.70e-03	0.0	200.0	-5002.10	-134.57	20.29	-89.58	-1307.16	-1.372e+04
102	16	3.073e+04	71.78	0.02	0.0	0.0	-5200.07	157.80	-33.52	-974.47	71.78	-828.19
		-828.19	-6631.89	0.01	0.0	200.0	-4750.07	157.80	-33.52	-974.47	-6631.89	3.073e+04
102	17	507.63	680.05	6.08e-03	0.0	0.0	-5701.64	-108.33	39.38	470.63	-7195.51	507.63
		-2.116e+04	-7195.51	1.83e-03	0.0	200.0	-5251.64	-108.33	39.38	470.63	680.05	-2.116e+04
102	22	1.154e+04	1.941e+04	0.01	0.0	0.0	-6152.63	55.74	-228.57	-2677.61	1.941e+04	396.33
		396.33	-2.630e+04	0.07	0.0	200.0	-5702.63	55.74	-228.57	-2677.61	-2.630e+04	1.154e+04
102	23	186.37	2.014e+04	0.02	0.0	0.0	-4792.76	10.91	230.45	2157.61	-2.595e+04	-1995.02
		-1995.02	-2.595e+04	-0.05	0.0	200.0	-4342.76	10.91	230.45	2157.61	2.014e+04	186.37

102	42	6138.93	-2890.70	0.01	0.0	0.0	-5458.14	34.90	3.04	-238.19	-3498.63	-841.96
		-841.96	-3498.63	7.92e-03	0.0	200.0	-5008.14	34.90	3.04	-238.19	-2890.70	6138.93
102	43	6138.93	-2890.70	0.01	0.0	0.0	-5458.14	34.90	3.04	-238.19	-3498.63	-841.96
		-841.96	-3498.63	7.92e-03	0.0	200.0	-5008.14	34.90	3.04	-238.19	-2890.70	6138.93
102	44	6138.93	-2890.70	0.01	0.0	0.0	-5458.14	34.90	3.04	-238.19	-3498.63	-841.96
		-841.96	-3498.63	7.92e-03	0.0	200.0	-5008.14	34.90	3.04	-238.19	-2890.70	6138.93
103	2	3913.85	6577.78	0.02	0.0	0.0	-5356.83	11.43	47.32	792.74	-2886.61	1627.94
		1627.94	-2886.61	0.02	0.0	200.0	-4906.83	11.43	47.32	792.74	6577.78	3913.85
103	3	1.112e+04	9163.76	0.02	0.0	0.0	-7508.26	79.46	69.97	960.69	-4829.28	-4771.68
		-4771.68	-4829.28	0.01	0.0	200.0	-6923.26	79.46	69.97	960.69	9163.76	1.112e+04
103	5	1.807e+04	1.093e+04	7.31e-03	0.0	0.0	-7034.37	-197.09	87.65	1175.43	-6599.75	1.807e+04
		-2.135e+04	-6599.75	0.01	0.0	200.0	-6449.37	-197.09	87.65	1175.43	1.093e+04	-2.135e+04
103	6	1.789e+04	9790.11	3.35e-03	0.0	0.0	-5442.22	-201.18	81.28	1066.61	-6465.94	1.789e+04
		-2.234e+04	-6465.94	8.64e-03	0.0	200.0	-4992.22	-201.18	81.28	1066.61	9790.11	-2.234e+04
103	7	4781.37	6931.54	0.02	0.0	0.0	-5368.23	21.27	51.05	811.52	-3277.90	526.55
		526.55	-3277.90	0.01	0.0	200.0	-4918.23	21.27	51.05	811.52	6931.54	4781.37
103	8	8932.44	8184.19	0.01	0.0	0.0	-5748.98	64.02	64.69	889.82	-4753.66	-3872.37
		-3872.37	-4753.66	8.84e-03	0.0	200.0	-5298.98	64.02	64.69	889.82	8184.19	8932.44
103	9	1.137e+04	9073.03	6.49e-03	0.0	0.0	-5425.15	-120.47	73.69	994.09	-5664.06	1.137e+04
		-1.272e+04	-5664.06	9.37e-03	0.0	200.0	-4975.15	-120.47	73.69	994.09	9073.03	-1.272e+04
103	16	3.101e+04	575.57	0.02	0.0	0.0	-4745.00	183.53	1.96	-78.46	183.26	-5697.12
		-5697.12	183.26	0.01	0.0	200.0	-4295.00	183.53	1.96	-78.46	575.57	3.101e+04
103	17	2296.80	1.513e+04	3.69e-03	0.0	0.0	-6079.82	-110.75	119.88	1773.70	-8851.60	2296.80
		-1.985e+04	-8851.60	3.93e-03	0.0	200.0	-5629.82	-110.75	119.88	1773.70	1.513e+04	-1.985e+04
103	23	2595.69	3.148e+04	0.02	0.0	0.0	-6161.23	-30.66	292.63	3342.82	-2.705e+04	2595.69
		-3536.00	-2.705e+04	-0.05	0.0	200.0	-5711.23	-30.66	292.63	3342.82	3.148e+04	-3536.00
103	24	2.017e+04	1.683e+04	0.01	0.0	0.0	-4610.57	138.71	-154.93	-1386.90	1.683e+04	-7573.62
		-7573.62	-1.416e+04	0.07	0.0	200.0	-4160.57	138.71	-154.93	-1386.90	-1.416e+04	2.017e+04
103	25	3174.50	2.953e+04	0.01	0.0	0.0	-6169.61	-51.41	271.96	3068.19	-2.486e+04	3174.50
		-7107.81	-2.486e+04	-0.05	0.0	200.0	-5719.61	-51.41	271.96	3068.19	2.953e+04	-7107.81
103	42	6806.56	7848.02	0.01	0.0	0.0	-5400.29	45.23	60.48	862.02	-4247.10	-2239.05
		-2239.05	-4247.10	9.62e-03	0.0	200.0	-4950.29	45.23	60.48	862.02	7848.02	6806.56
103	43	6806.56	7848.02	0.01	0.0	0.0	-5400.29	45.23	60.48	862.02	-4247.10	-2239.05
		-2239.05	-4247.10	9.62e-03	0.0	200.0	-4950.29	45.23	60.48	862.02	7848.02	6806.56
103	44	6806.56	7848.02	0.01	0.0	0.0	-5400.29	45.23	60.48	862.02	-4247.10	-2239.05
		-2239.05	-4247.10	9.62e-03	0.0	200.0	-4950.29	45.23	60.48	862.02	7848.02	6806.56
104	2	1.325e+04	2.364e+04	0.02	-1.06e-03	0.0	-4110.69	-646.59	-428.28	-3611.44	2.364e+04	1.325e+04
		-5.335e+04	-2.047e+04	0.01	8.11e-04	103.0	-3878.94	-646.59	-428.28	-3611.44	-2.047e+04	-5.335e+04
104	3	2.193e+04	3.439e+04	0.02	-1.37e-03	0.0	-5859.90	-699.32	-584.91	-4518.28	3.439e+04	2.193e+04
		-5.010e+04	-2.586e+04	0.01	1.05e-03	103.0	-5558.62	-699.32	-584.91	-4518.28	-2.586e+04	-5.010e+04
104	5	3.542e+04	3.651e+04	0.02	-1.37e-03	0.0	-5556.48	-1103.91	-641.97	-5470.07	3.651e+04	3.542e+04
		-7.829e+04	-2.961e+04	0.01	1.05e-03	103.0	-5255.20	-1103.92	-641.97	-5470.07	-2.961e+04	-7.829e+04
104	7	1.347e+04	2.380e+04	0.02	-1.06e-03	0.0	-4109.78	-602.33	-428.76	-3624.69	2.380e+04	1.347e+04
		-4.857e+04	-2.036e+04	0.01	8.11e-04	103.0	-3878.03	-602.33	-428.76	-3624.69	-2.036e+04	-4.857e+04
104	8	1.543e+04	2.598e+04	0.01	-1.06e-03	0.0	-4384.87	-488.59	-456.19	-3920.75	2.598e+04	1.543e+04
		-3.490e+04	-2.101e+04	8.61e-03	8.11e-04	103.0	-4153.12	-488.59	-456.19	-3920.75	-2.101e+04	-3.490e+04
104	9	2.459e+04	2.748e+04	0.01	-1.06e-03	0.0	-4198.48	-764.33	-492.37	-4439.07	2.748e+04	2.459e+04
		-5.413e+04	-2.324e+04	9.63e-03	8.11e-04	103.0	-3966.73	-764.33	-492.37	-4439.07	-2.324e+04	-5.413e+04
104	14	3.093e+04	3.477e+04	0.02	-1.06e-03	0.0	-5282.26	-760.41	-481.00	-853.21	3.477e+04	3.093e+04
		-4.739e+04	-1.477e+04	8.90e-03	8.11e-04	103.0	-5050.51	-760.41	-481.00	-853.21	-1.477e+04	-4.739e+04
104	22	2.530e+04	4.123e+04	0.01	-1.06e-03	0.0	-5546.82	-617.79	-491.22	4355.88	4.123e+04	2.530e+04
		-3.833e+04	-9362.89	0.03	8.11e-04	103.0	-5315.07	-617.79	-491.22	4355.88	-9362.89	-3.833e+04
104	23	510.05	6790.30	0.02	-1.06e-03	0.0	-2633.37	-317.14	-360.07	-1.131e+04	6790.30	510.05
		-3.216e+04	-3.030e+04	-0.02	8.11e-04	103.0	-2401.62	-317.14	-360.07	-1.131e+04	-3.030e+04	-3.216e+04
104	24	2.594e+04	4.281e+04	0.01	-1.06e-03	0.0	-5546.04	-614.41	-529.33	3586.55	4.281e+04	2.594e+04
		-3.734e+04	-1.171e+04	0.03	8.11e-04	103.0	-5314.29	-614.41	-529.32	3586.55	-1.171e+04	-3.734e+04
104	42	1.362e+04	2.380e+04	0.01	-1.06e-03	0.0	-4095.87	-481.19	-424.04	-3646.94	2.380e+04	1.362e+04
		-3.594e+04	-1.987e+04	8.76e-03	8.11e-04	103.0	-3864.12	-481.19	-424.04	-3646.94	-1.987e+04	-3.594e+04
104	43	1.362e+04	2.380e+04	0.01	-1.06e-03	0.0	-4095.87	-481.19	-424.04	-3646.94	2.380e+04	1.362e+04
		-3.594e+04	-1.987e+04	8.76e-03	8.11e-04	103.0	-3864.12	-481.19	-424.04	-3646.94	-1.987e+04	-3.594e+04
104	44	1.362e+04	2.380e+04	0.01	-1.06e-03	0.0	-4095.87	-481.19	-424.04	-3646.94	2.380e+04	1.362e+04
		-3.594e+04	-1.987e+04	8.76e-03	8.11e-04	103.0	-3864.12	-481.19	-424.04	-3646.94	-1.987e+04	-3.594e+04
105	1	7535.39	2.043e+04	0.02	0.0	0.0	-5193.51	-515.87	-337.15	-3875.68	2.043e+04	7535.39
		-4.560e+04	-1.430e+04	0.01	0.0	103.0	-4892.23	-515.87	-337.15	-3875.68	-1.430e+04	-4.560e+04
105	3	-3692.95	2.365e+04	0.01	0.0	0.0	-5200.87	-93.26	-371.76	-4246.88	2.365e+04	-3692.95
		-1.330e+04	-1.464e+04	9.76e-03	0.0	103.0	-4899.60	-93.26	-371.76	-4246.88	-1.464e+04	-1.330e+04
105	5	4870.27	2.665e+04	0.01	0.0	0.0	-5026.44	-424.11	-441.93	-6057.71	2.665e+04	4870.27
		-3.881e+04	-1.887e+04	0.01	0.0	103.0	-4725.16	-424.11	-441.93	-6057.71	-1.887e+04	-3.881e+04
105	6	2106.57	2.197e+04	6.46e-03	0.0	0.0	-3864.07	-296.24	-374.05	-5656.82	2.197e+04	2106.57
		-2.841e+04	-1.656e+04	8.47e-03	0.0	103.0	-3632.32	-296.24	-374.05	-5656.82	-1.656e+04	-2.841e+04
105	7	2626.76	1.580e+04	0.01	0.0	0.0	-3955.77	-303.32	-266.38	-3466.31	1.580e+04	2626.76
		-2.862e+04	-1.164e+04	0.01	0.0	103.0	-3724.02	-303.32	-266.38	-3466.31	-1.164e+04	-2.862e+04
105	8	-5381.99	1.800e+04	8.48e-03	0.0	0.0	-3971.03	-11.50	-293.52	-3915.97	1.800e+04	-5381.99
		-6566.73	-1.223e+04	7.37e-03	0.0	103.0	-3739.28	-11.50	-293.52	-3915.97	-1.223e+04	-6566.73
105	9	756.10	2.001e+04	7.80e-03	0.0	0.0	-3851.82	-241.32	-337.97	-4976.31	2.001e+04	756.10
		-2.410e+04	-1.480e+04	8.37e-03	0.0	103.0	-3620.07	-241.32	-337.97	-4976.31	-1.480e+04	-2.410e+04
105	17	7075.70	6183.89	9.93e-03	0.0	0.0	-3732.84	-438.72	-179.17	-5206.14	6183.89	7075.70

		-3.811e+04	-1.227e+04	6.38e-03	0.0	103.0	-3501.09	-438.72	-179.17	-5206.14	-1.227e+04	-3.811e+04
105	22	5663.63	2.551e+04	8.57e-03	0.0	0.0	-2704.17	-223.34	-255.77	4987.48	2.551e+04	5663.63
		-1.734e+04	-833.68	0.03	0.0	103.0	-2472.42	-223.34	-255.77	4987.48	-833.68	-1.734e+04
105	23	-7204.59	6134.08	0.01	0.0	0.0	-4858.50	37.98	-263.90	-1.210e+04	6134.08	-1.112e+04
		-1.112e+04	-2.105e+04	-0.02	0.0	103.0	-4626.75	37.98	-263.90	-1.210e+04	-2.105e+04	-7204.59
105	24	1306.70	2.729e+04	8.02e-03	0.0	0.0	-2743.87	-120.92	-294.44	4109.43	2.729e+04	1306.70
		-1.115e+04	-3035.13	0.03	0.0	103.0	-2512.12	-120.92	-294.44	4109.43	-3035.13	-1.115e+04
105	42	-3151.45	1.579e+04	9.49e-03	0.0	0.0	-3792.26	-84.73	-259.84	-3629.04	1.579e+04	-3151.45
		-1.188e+04	-1.098e+04	7.51e-03	0.0	103.0	-3560.51	-84.73	-259.84	-3629.04	-1.098e+04	-1.188e+04
105	43	-3151.45	1.579e+04	9.49e-03	0.0	0.0	-3792.26	-84.73	-259.84	-3629.04	1.579e+04	-3151.45
		-1.188e+04	-1.098e+04	7.51e-03	0.0	103.0	-3560.51	-84.73	-259.84	-3629.04	-1.098e+04	-1.188e+04
105	44	-3151.45	1.579e+04	9.49e-03	0.0	0.0	-3792.26	-84.73	-259.84	-3629.04	1.579e+04	-3151.45
		-1.188e+04	-1.098e+04	7.51e-03	0.0	103.0	-3560.51	-84.73	-259.84	-3629.04	-1.098e+04	-1.188e+04
106	2	7696.43	1.184e+04	0.02	0.0	0.0	-3139.75	32.58	64.25	-579.48	-1011.56	1180.92
		1180.92	-1011.56	0.02	0.0	200.0	-2689.75	32.58	64.25	-579.48	1.184e+04	7696.43
106	4	8348.09	1.241e+04	0.01	0.0	0.0	-3442.05	57.69	80.29	-497.61	-3643.92	-3190.30
		-3190.30	-3643.92	7.42e-03	0.0	200.0	-2992.05	57.69	80.29	-497.61	1.241e+04	8348.09
106	5	2.642e+04	2.790e+04	6.52e-03	0.0	0.0	-5188.54	126.64	186.54	-799.71	-9408.33	1091.62
		1091.62	-9408.33	0.01	0.0	200.0	-4603.54	126.64	186.54	-799.71	2.790e+04	2.642e+04
106	7	8235.23	1.185e+04	0.02	0.0	0.0	-3146.56	40.38	67.17	-552.43	-1584.82	158.43
		158.43	-1584.82	0.01	0.0	200.0	-2696.56	40.38	67.17	-552.43	1.185e+04	8235.23
106	8	8559.77	1.212e+04	0.01	0.0	0.0	-3350.38	56.53	77.67	-497.34	-3419.06	-2746.11
		-2746.11	-3419.06	8.06e-03	0.0	200.0	-2900.38	56.53	77.67	-497.34	1.212e+04	8559.77
106	9	1.941e+04	1.979e+04	5.90e-03	0.0	0.0	-3883.11	97.11	134.36	-602.88	-7081.21	-15.99
		-15.99	-7081.21	8.52e-03	0.0	200.0	-3433.11	97.11	134.36	-602.88	1.979e+04	1.941e+04
106	16	3.489e+04	1.726e+04	0.02	0.0	0.0	-2877.83	192.45	97.62	-322.01	-2265.20	-3603.04
		-3603.04	-2265.20	0.01	0.0	200.0	-2427.83	192.45	97.62	-322.01	1.726e+04	3.489e+04
106	17	1.09	6057.24	3.07e-03	0.0	0.0	-3482.94	-92.04	53.37	-522.27	-4616.60	1.09
		-1.841e+04	-4616.60	7.88e-04	0.0	200.0	-3032.94	-92.04	53.37	-522.27	6057.24	-1.841e+04
106	18	2.059e+04	2.104e+04	0.01	0.0	0.0	-2881.61	138.58	27.95	-680.53	1.545e+04	-7128.41
		-7128.41	1.545e+04	0.07	0.0	200.0	-2431.61	138.58	27.95	-680.53	2.104e+04	2.059e+04
106	23	2327.68	6140.19	0.01	0.0	0.0	-3436.52	-14.22	158.96	-255.39	-2.565e+04	2327.68
		-516.66	-2.565e+04	-0.06	0.0	200.0	-2986.52	-14.22	158.96	-255.39	6140.19	-516.66
106	42	9403.78	1.180e+04	0.01	0.0	0.0	-3166.11	59.03	74.15	-479.62	-3033.84	-2401.74
		-2401.74	-3033.84	8.86e-03	0.0	200.0	-2716.11	59.03	74.15	-479.62	1.180e+04	9403.78
106	43	9403.78	1.180e+04	0.01	0.0	0.0	-3166.11	59.03	74.15	-479.62	-3033.84	-2401.74
		-2401.74	-3033.84	8.86e-03	0.0	200.0	-2716.11	59.03	74.15	-479.62	1.180e+04	9403.78
106	44	9403.78	1.180e+04	0.01	0.0	0.0	-3166.11	59.03	74.15	-479.62	-3033.84	-2401.74
		-2401.74	-3033.84	8.86e-03	0.0	200.0	-2716.11	59.03	74.15	-479.62	1.180e+04	9403.78
107	2	7186.90	3545.65	0.02	0.0	0.0	-3218.47	14.39	-40.79	-588.52	3545.65	4309.26
		4309.26	-4612.81	0.02	0.0	200.0	-2768.47	14.39	-40.79	-588.52	-4612.81	7186.90
107	4	6824.47	433.41	0.01	0.0	0.0	-3477.77	31.52	-21.78	-500.49	433.41	520.84
		520.84	-3922.96	7.27e-03	0.0	200.0	-3027.77	31.52	-21.78	-500.49	-3922.96	6824.47
107	5	2.472e+04	5725.08	9.81e-03	0.0	0.0	-5251.88	91.69	-104.48	-812.47	5725.08	6377.41
		6377.41	-1.517e+04	0.01	0.0	200.0	-4666.88	91.69	-104.48	-812.47	-1.517e+04	2.472e+04
107	7	7542.15	2951.15	0.02	0.0	0.0	-3215.25	21.06	-37.76	-566.74	2951.15	3330.11
		3330.11	-4601.20	0.01	0.0	200.0	-2765.25	21.06	-37.76	-566.74	-4601.20	7542.15
107	8	7134.02	795.55	0.01	0.0	0.0	-3388.52	31.62	-25.29	-506.90	795.55	809.16
		809.16	-4262.51	7.92e-03	0.0	200.0	-2938.52	31.62	-25.29	-506.90	-4262.51	7134.02
107	9	1.776e+04	3606.43	8.45e-03	0.0	0.0	-3924.52	68.64	-73.59	-619.31	3606.43	4030.83
		4030.83	-1.111e+04	8.35e-03	0.0	200.0	-3474.52	68.64	-73.59	-619.31	-1.111e+04	1.776e+04
107	16	3.536e+04	2668.39	0.02	0.0	0.0	-2959.33	173.96	-6.12	-528.04	2668.39	564.27
		564.27	1444.22	0.01	0.0	200.0	-2509.33	173.96	-6.12	-528.04	1444.22	3.536e+04
107	17	1965.68	-622.27	4.89e-03	0.0	0.0	-3464.12	-115.82	-52.29	-350.28	-622.27	1965.68
		-2.120e+04	-1.108e+04	1.71e-03	0.0	200.0	-3014.12	-115.82	-52.29	-350.28	-1.108e+04	-2.120e+04
107	22	1.473e+04	2.451e+04	0.01	0.0	0.0	-3344.86	65.59	-114.40	-782.11	2.451e+04	1609.01
		1609.01	1631.03	0.08	0.0	200.0	-2894.86	65.59	-114.40	-782.11	1631.03	1.473e+04
107	23	1172.45	-1.049e+04	0.02	0.0	0.0	-3084.90	4.95	53.48	-246.37	-2.119e+04	182.73
		182.73	-2.119e+04	-0.06	0.0	200.0	-2634.90	4.95	53.48	-246.37	-1.049e+04	1172.45
107	42	8253.96	1445.69	0.01	0.0	0.0	-3208.56	37.11	-30.52	-506.15	1445.69	831.56
		831.56	-4658.72	8.74e-03	0.0	200.0	-2758.56	37.11	-30.52	-506.15	-4658.72	8253.96
107	43	8253.96	1445.69	0.01	0.0	0.0	-3208.56	37.11	-30.52	-506.15	1445.69	831.56
		831.56	-4658.72	8.74e-03	0.0	200.0	-2758.56	37.11	-30.52	-506.15	-4658.72	8253.96
107	44	8253.96	1445.69	0.01	0.0	0.0	-3208.56	37.11	-30.52	-506.15	1445.69	831.56
		831.56	-4658.72	8.74e-03	0.0	200.0	-2758.56	37.11	-30.52	-506.15	-4658.72	8253.96
108	3	6.507e+04	1.611e+04	0.08	0.0	0.0	-2702.62	217.15	-46.12	-1342.24	1.611e+04	-1.311e+04
		-1.311e+04	-494.85	0.05	0.0	360.0	-1649.62	217.15	-46.12	-1342.24	-494.85	6.507e+04
108	5	5.073e+04	2.083e+04	0.07	0.0	0.0	-2411.11	183.34	-59.86	-1314.95	2.083e+04	-1.527e+04
		-1.527e+04	-719.92	0.05	0.0	360.0	-1358.11	183.34	-59.86	-1314.95	-719.92	5.073e+04
108	6	3.841e+04	1.590e+04	0.05	0.0	0.0	-1849.87	142.23	-45.63	-773.01	1.590e+04	-1.280e+04
		-1.280e+04	-525.19	0.03	0.0	360.0	-1039.87	142.23	-45.63	-773.01	-525.19	3.841e+04
108	8	4.902e+04	1.048e+04	0.06	0.0	0.0	-2052.20	163.74	-29.87	-722.46	1.048e+04	-9922.61
		-9922.61	-278.52	0.03	0.0	360.0	-1242.20	163.74	-29.87	-722.46	-278.52	4.902e+04
108	9	3.933e+04	1.416e+04	0.06	0.0	0.0	-1857.04	140.16	-40.60	-791.60	1.416e+04	-1.113e+04
		-1.113e+04	-458.29	0.03	0.0	360.0	-1047.04	140.16	-40.60	-791.60	-458.29	3.933e+04
108	16	3.829e+04	2.175e+04	0.18	0.0	0.0	-1718.34	-62.14	-62.39	-2159.09	2.175e+04	3.829e+04
		1.592e+04	-714.57	0.07	0.0	360.0	-908.34	-62.14	-62.39	-2159.09	-714.57	1.592e+04

108	17	6.863e+04	198.65	-0.07	0.0	0.0	-2037.78	351.36	7.71	838.03	-2576.28	-5.786e+04
		-5.786e+04	-2576.28	-0.02	0.0	360.0	-1227.78	351.36	7.71	838.03	198.65	6.863e+04
108	18	3.412e+04	4.505e+04	0.09	0.0	0.0	-1828.65	81.01	-124.77	-2009.22	4.505e+04	4955.88
		4955.88	133.69	0.25	0.0	360.0	-1018.65	81.01	-124.77	-2009.22	133.69	3.412e+04
108	19	4.923e+04	-734.61	0.03	0.0	0.0	-1920.25	198.15	62.08	416.64	-2.308e+04	-2.210e+04
		-2.210e+04	-2.308e+04	-0.17	0.0	360.0	-1110.25	198.15	62.08	416.64	-734.61	4.923e+04
108	42	4.142e+04	1.024e+04	0.06	0.0	0.0	-1872.91	137.55	-29.26	-756.90	1.024e+04	-8095.07
		-8095.07	-298.37	0.03	0.0	360.0	-1062.91	137.55	-29.26	-756.90	-298.37	4.142e+04
108	43	4.142e+04	1.024e+04	0.06	0.0	0.0	-1872.91	137.55	-29.26	-756.90	1.024e+04	-8095.07
		-8095.07	-298.37	0.03	0.0	360.0	-1062.91	137.55	-29.26	-756.90	-298.37	4.142e+04
108	44	4.142e+04	1.024e+04	0.06	0.0	0.0	-1872.91	137.55	-29.26	-756.90	1.024e+04	-8095.07
		-8095.07	-298.37	0.03	0.0	360.0	-1062.91	137.55	-29.26	-756.90	-298.37	4.142e+04
109	1	5.419e+04	5809.45	0.09	0.0	0.0	-2436.73	182.29	-17.68	-1445.10	5809.45	-1.143e+04
		-1.143e+04	-556.57	0.07	0.0	360.0	-1383.73	182.29	-17.68	-1445.10	-556.57	5.419e+04
109	3	6.597e+04	5333.57	0.08	0.0	0.0	-2708.10	221.31	-15.97	-1140.06	5333.57	-1.370e+04
		-1.370e+04	-415.03	0.05	0.0	360.0	-1655.10	221.31	-15.97	-1140.06	-415.03	6.597e+04
109	5	5.147e+04	211.90	0.07	0.0	0.0	-2415.70	185.84	-1.28	-1117.16	211.90	-1.543e+04
		-1.543e+04	-250.70	0.05	0.0	360.0	-1362.70	185.84	-1.28	-1117.16	-250.70	5.147e+04
109	6	3.862e+04	-71.42	0.05	0.0	0.0	-1851.24	141.14	6.03	-614.73	-2242.17	-1.220e+04
		-1.220e+04	-2242.17	0.03	0.0	360.0	-1041.24	141.14	6.03	-614.73	-71.42	3.862e+04
109	7	4.150e+04	3490.06	0.07	0.0	0.0	-1873.33	138.13	-10.64	-879.27	3490.06	-8223.07
		-8223.07	-341.64	0.05	0.0	360.0	-1063.33	138.13	-10.64	-879.27	-341.64	4.150e+04
109	8	4.928e+04	2200.35	0.06	0.0	0.0	-2053.78	163.52	-6.71	-560.06	2200.35	-9591.27
		-9591.27	-214.50	0.03	0.0	360.0	-1243.78	163.52	-6.71	-560.06	-214.50	4.928e+04
109	9	3.960e+04	-135.27	0.05	0.0	0.0	-1858.74	139.76	1.50	-634.60	-675.61	-1.072e+04
		-1.072e+04	-675.61	0.03	0.0	360.0	-1048.74	139.76	1.50	-634.60	-135.27	3.960e+04
109	16	3.519e+04	1.434e+04	0.18	0.0	0.0	-1731.77	-47.17	-41.55	-2143.05	1.434e+04	3.519e+04
		1.821e+04	-621.21	0.07	0.0	360.0	-921.77	-47.17	-41.55	-2143.05	-621.21	1.821e+04
109	17	6.692e+04	225.00	-0.07	0.0	0.0	-2027.90	337.07	33.02	1134.16	-1.166e+04	-5.443e+04
		-5.443e+04	-1.166e+04	-0.02	0.0	360.0	-1217.90	337.07	33.02	1134.16	225.00	6.692e+04
109	18	3.296e+04	3.708e+04	0.09	0.0	0.0	-1821.83	65.06	-102.52	-2022.72	3.708e+04	9539.89
		9539.89	170.10	0.25	0.0	360.0	-1011.83	65.06	-102.52	-2022.72	170.10	3.296e+04
109	19	5.100e+04	-652.87	0.02	0.0	0.0	-1930.83	214.84	85.86	729.48	-3.156e+04	-2.634e+04
		-2.634e+04	-3.156e+04	-0.17	0.0	360.0	-1120.83	214.84	85.86	729.48	-652.87	5.100e+04
109	42	4.174e+04	2018.39	0.06	0.0	0.0	-1874.87	138.05	-6.27	-603.04	2018.39	-7958.13
		-7958.13	-237.37	0.03	0.0	360.0	-1064.87	138.05	-6.27	-603.04	-237.37	4.174e+04
109	43	4.174e+04	2018.39	0.06	0.0	0.0	-1874.87	138.05	-6.27	-603.04	2018.39	-7958.13
		-7958.13	-237.37	0.03	0.0	360.0	-1064.87	138.05	-6.27	-603.04	-237.37	4.174e+04
109	44	4.174e+04	2018.39	0.06	0.0	0.0	-1874.87	138.05	-6.27	-603.04	2018.39	-7958.13
		-7958.13	-237.37	0.03	0.0	360.0	-1064.87	138.05	-6.27	-603.04	-237.37	4.174e+04
151	2	5.943e+04	-1317.84	6.62e-03	0.0	0.0	-5264.94	-1279.40	-480.93	4086.66	-1317.84	5.943e+04
		8257.71	-2.055e+04	3.97e-03	0.0	40.0	-5174.94	-1279.40	-480.93	4086.66	-2.055e+04	8257.71
151	3	6.317e+04	-5597.74	6.30e-03	0.0	0.0	-7281.51	-1332.35	-622.59	3340.58	-5597.74	6.317e+04
		9873.40	-3.050e+04	3.27e-03	0.0	40.0	-7164.51	-1332.35	-622.59	3340.58	-3.050e+04	9873.40
151	4	4.329e+04	-4405.54	4.57e-03	0.0	0.0	-5681.20	-877.40	-461.87	3575.90	-4405.54	4.329e+04
		8192.12	-2.288e+04	2.26e-03	0.0	40.0	-5591.20	-877.40	-461.87	3575.90	-2.288e+04	8192.12
151	5	1.144e+05	-4602.85	6.43e-03	0.0	0.0	-6982.89	-2076.46	-625.17	6415.15	-4602.85	1.144e+05
		3.130e+04	-2.961e+04	3.66e-03	0.0	40.0	-6865.89	-2076.46	-625.17	6415.15	-2.961e+04	3.130e+04
151	7	5.534e+04	-1990.36	6.12e-03	0.0	0.0	-5241.86	-1180.71	-466.58	3955.22	-1990.36	5.534e+04
		8112.06	-2.065e+04	3.56e-03	0.0	40.0	-5151.86	-1180.71	-466.58	3955.22	-2.065e+04	8112.06
151	8	4.369e+04	-4015.56	4.73e-03	0.0	0.0	-5514.18	-891.64	-449.94	3770.75	-4015.56	4.369e+04
		8026.64	-2.201e+04	2.39e-03	0.0	40.0	-5424.18	-891.64	-449.94	3770.75	-2.201e+04	8026.64
151	9	7.898e+04	-3417.64	4.85e-03	0.0	0.0	-5322.11	-1417.16	-457.74	5531.62	-3417.64	7.898e+04
		2.230e+04	-2.173e+04	2.70e-03	0.0	40.0	-5232.11	-1417.16	-457.74	5531.62	-2.173e+04	2.230e+04
151	16	1.593e+05	-8030.85	9.65e-03	0.0	0.0	-5798.25	-3514.73	-685.11	-3668.00	-8030.85	1.593e+05
		1.873e+04	-3.544e+04	2.37e-03	0.0	40.0	-5708.25	-3514.73	-685.11	-3668.00	-3.544e+04	1.873e+04
151	17	-5788.74	-546.24	2.93e-04	0.0	0.0	-4623.43	1565.56	-162.75	9955.40	-546.24	-6.841e+04
		-6.841e+04	-7056.22	1.80e-03	0.0	40.0	-4533.43	1565.56	-162.75	9955.40	-7056.22	-5788.74
151	18	7.998e+04	7540.32	5.21e-03	0.0	0.0	-6536.78	-1822.20	-1167.43	-1.018e+04	7540.32	7.998e+04
		7089.61	-3.916e+04	0.01	0.0	40.0	-6446.78	-1822.20	-1167.43	-1.018e+04	-3.916e+04	7089.61
151	22	7.914e+04	6827.38	5.06e-03	0.0	0.0	-6579.49	-1853.17	-1279.35	-1.298e+04	6827.38	7.914e+04
		5009.01	-4.435e+04	0.01	0.0	40.0	-6489.49	-1853.17	-1279.35	-1.298e+04	-4.435e+04	5009.01
151	23	9836.14	2984.21	4.55e-03	0.0	0.0	-3788.59	70.23	420.82	2.003e+04	-1.385e+04	7026.89
		7026.89	-1.385e+04	-8.50e-03	0.0	40.0	-3698.59	70.23	420.82	2.003e+04	2984.21	9836.14
151	24	8.671e+04	6344.90	5.47e-03	0.0	0.0	-6537.96	-1983.43	-1268.96	-1.158e+04	6344.90	8.671e+04
		7375.31	-4.441e+04	0.01	0.0	40.0	-6447.96	-1983.43	-1268.96	-1.158e+04	-4.441e+04	7375.31
151	42	4.412e+04	-3705.77	4.84e-03	0.0	0.0	-5176.84	-912.17	-423.28	3608.58	-3705.77	4.412e+04
		7632.06	-2.064e+04	2.48e-03	0.0	40.0	-5086.84	-912.17	-423.28	3608.58	-2.064e+04	7632.06
151	43	4.412e+04	-3705.77	4.84e-03	0.0	0.0	-5176.84	-912.17	-423.28	3608.58	-3705.77	4.412e+04
		7632.06	-2.064e+04	2.48e-03	0.0	40.0	-5086.84	-912.17	-423.28	3608.58	-2.064e+04	7632.06
151	44	4.412e+04	-3705.77	4.84e-03	0.0	0.0	-5176.84	-912.17	-423.28	3608.58	-3705.77	4.412e+04
		7632.06	-2.064e+04	2.48e-03	0.0	40.0	-5086.84	-912.17	-423.28	3608.58	-2.064e+04	7632.06
152	1	2.055e+04	1.329e+04	0.06	0.0	0.0	-1.011e+04	-349.16	96.67	-1801.70	-2.151e+04	2.055e+04
		-1.051e+05	-2.151e+04	0.05	0.0	360.0	-9053.59	-349.16	96.67	-1801.70	1.329e+04	-1.051e+05
152	5	2.446e+04	6877.83	0.06	0.0	0.0	-8805.07	-337.73	55.40	-1041.20	-1.307e+04	2.446e+04
		-9.713e+04	-1.307e+04	0.04	0.0	360.0	-7752.07	-337.73	55.40	-1041.20	6877.83	-9.713e+04
152	6	2.037e+04	4266.72	0.05	0.0	0.0	-6551.42	-262.72	35.16	-568.63	-8391.27	2.037e+04

		-7.421e+04	-8391.27	0.03	0.0	360.0	-5741.42	-262.72	35.16	-568.63	4266.72	-7.421e+04
152	7	1.582e+04	9001.19	0.04	0.0	0.0	-7524.92	-261.65	65.65	-1211.31	-1.463e+04	1.582e+04
		-7.838e+04	-1.463e+04	0.04	0.0	360.0	-6714.92	-261.65	65.65	-1211.31	9001.19	-7.838e+04
152	9	1.849e+04	4612.75	0.04	0.0	0.0	-6670.53	-254.54	37.60	-688.92	-8922.15	1.849e+04
		-7.314e+04	-8922.15	0.03	0.0	360.0	-5860.53	-254.54	37.60	-688.92	4612.75	-7.314e+04
152	17	1.048e+04	8602.44	0.02	0.0	0.0	-6015.37	-237.42	58.38	-231.55	-1.241e+04	1.048e+04
		-7.499e+04	-1.241e+04	0.04	0.0	360.0	-5205.37	-237.42	58.38	-231.55	8602.44	-7.499e+04
152	18	2.239e+04	1.813e+04	0.04	0.0	0.0	-3482.15	-205.23	68.14	2603.36	-6401.60	2.239e+04
		-5.149e+04	-6401.60	0.10	0.0	360.0	-2672.15	-205.23	68.14	2603.36	1.813e+04	-5.149e+04
152	19	6142.36	-9300.60	0.04	0.0	0.0	-9943.82	-256.99	4.82	-4301.74	-1.103e+04	6142.36
		-8.637e+04	-1.103e+04	-0.03	0.0	360.0	-9133.82	-256.99	4.82	-4301.74	-9300.60	-8.637e+04
152	22	2.086e+04	1.847e+04	0.04	0.0	0.0	-3516.02	-200.52	71.49	2399.24	-7265.62	2.086e+04
		-5.133e+04	-7265.62	0.10	0.0	360.0	-2706.02	-200.52	71.49	2399.24	1.847e+04	-5.133e+04
152	24	2.254e+04	1.775e+04	0.04	0.0	0.0	-3515.28	-204.01	65.89	2612.05	-5971.37	2.254e+04
		-5.091e+04	-5971.37	0.11	0.0	360.0	-2705.28	-204.01	65.89	2612.05	1.775e+04	-5.091e+04
152	25	6022.98	-8940.85	0.04	0.0	0.0	-9921.41	-258.54	7.09	-4319.96	-1.149e+04	6022.98
		-8.705e+04	-1.149e+04	-0.04	0.0	360.0	-9111.41	-258.54	7.09	-4319.96	-8940.85	-8.705e+04
152	42	1.439e+04	4185.64	0.04	0.0	0.0	-6741.70	-231.93	35.44	-845.65	-8571.10	1.439e+04
		-6.910e+04	-8571.10	0.03	0.0	360.0	-5931.70	-231.93	35.44	-845.65	4185.64	-6.910e+04
152	43	1.439e+04	4185.64	0.04	0.0	0.0	-6741.70	-231.93	35.44	-845.65	-8571.10	1.439e+04
		-6.910e+04	-8571.10	0.03	0.0	360.0	-5931.70	-231.93	35.44	-845.65	4185.64	-6.910e+04
152	44	1.439e+04	4185.64	0.04	0.0	0.0	-6741.70	-231.93	35.44	-845.65	-8571.10	1.439e+04
		-6.910e+04	-8571.10	0.03	0.0	360.0	-5931.70	-231.93	35.44	-845.65	4185.64	-6.910e+04
153	1	5.881e+04	9099.87	0.05	0.0	0.0	-1.001e+04	281.43	44.00	1424.36	-6741.51	-4.251e+04
		-4.251e+04	-6741.51	-4.93e-03	0.0	360.0	-9066.07	281.43	44.00	1424.36	9099.87	5.881e+04
153	5	4.224e+04	1.077e+04	0.04	0.0	0.0	-8871.32	193.65	54.14	1850.14	-8719.15	-2.747e+04
		-2.747e+04	-8719.15	-0.01	0.0	360.0	-7929.47	193.65	54.14	1850.14	1.077e+04	4.224e+04
153	6	2.929e+04	8756.55	0.03	0.0	0.0	-6729.00	130.87	44.39	1605.72	-7224.24	-1.782e+04
		-1.782e+04	-7224.24	-0.01	0.0	360.0	-6004.50	130.87	44.39	1605.72	8756.55	2.929e+04
153	7	4.172e+04	6684.88	0.04	0.0	0.0	-7570.13	196.77	32.45	1230.28	-4996.44	-2.912e+04
		-2.912e+04	-4996.44	-3.26e-03	0.0	360.0	-6845.63	196.77	32.45	1230.28	6684.88	4.172e+04
153	9	3.062e+04	7741.98	0.03	0.0	0.0	-6806.75	137.99	38.89	1521.63	-6259.67	-1.906e+04
		-1.906e+04	-6259.67	-7.70e-03	0.0	360.0	-6082.25	137.99	38.89	1521.63	7741.98	3.062e+04
153	13	3.260e+04	9472.82	0.04	0.0	0.0	-6283.91	149.09	38.95	746.88	-4550.64	-2.107e+04
		-2.107e+04	-4550.64	0.02	0.0	360.0	-5559.41	149.09	38.95	746.88	9472.82	3.260e+04
153	21	4.500e+04	6706.98	-0.04	0.0	0.0	-4556.29	253.38	28.87	-1383.42	-3686.25	-4.621e+04
		-4.621e+04	-3686.25	6.32e-03	0.0	360.0	-3831.79	253.38	28.87	-1383.42	6706.98	4.500e+04
153	22	1.922e+04	5085.38	0.10	0.0	0.0	-8875.66	41.02	27.52	3666.20	-4821.27	4454.53
		4454.53	-4821.27	-3.11e-03	0.0	360.0	-8151.16	41.02	27.52	3666.20	5085.38	1.922e+04
153	24	1.743e+04	4675.30	0.10	0.0	0.0	-9006.62	29.85	26.28	3972.05	-4786.86	6685.69
		6685.69	-4786.86	-4.89e-03	0.0	360.0	-8282.12	29.85	26.28	3972.05	4675.30	1.743e+04
153	42	3.070e+04	5475.17	0.03	0.0	0.0	-6794.79	138.60	26.60	1369.31	-4101.09	-1.919e+04
		-1.919e+04	-4101.09	-1.56e-03	0.0	360.0	-6070.29	138.60	26.60	1369.31	5475.17	3.070e+04
153	43	3.070e+04	5475.17	0.03	0.0	0.0	-6794.79	138.60	26.60	1369.31	-4101.09	-1.919e+04
		-1.919e+04	-4101.09	-1.56e-03	0.0	360.0	-6070.29	138.60	26.60	1369.31	5475.17	3.070e+04
153	44	3.070e+04	5475.17	0.03	0.0	0.0	-6794.79	138.60	26.60	1369.31	-4101.09	-1.919e+04
		-1.919e+04	-4101.09	-1.56e-03	0.0	360.0	-6070.29	138.60	26.60	1369.31	5475.17	3.070e+04
154	1	845.68	-3.925e+04	-6.20e-04	0.0	0.0	-3.000e+04	169.27	2143.81	-519.54	-1.502e+05	-7914.00
		-7914.00	-1.502e+05	0.01	0.0	51.4	-2.985e+04	169.27	2143.81	-519.54	-3.925e+04	845.68
154	6	6220.35	-2.369e+04	6.07e-04	0.0	0.0	-1.905e+04	-48.15	1309.47	535.70	-9.146e+04	6220.35
		3728.75	-9.146e+04	8.15e-03	0.0	51.4	-1.893e+04	-48.15	1309.47	535.70	-2.369e+04	3728.75
154	7	907.10	-2.879e+04	-5.20e-04	0.0	0.0	-2.233e+04	103.56	1569.00	-241.45	-1.100e+05	-4452.24
		-4452.24	-1.100e+05	0.01	0.0	51.4	-2.221e+04	103.56	1569.00	-241.45	-2.879e+04	907.10
154	9	3435.10	-2.421e+04	1.94e-04	0.0	0.0	-1.934e+04	-10.74	1337.64	373.39	-9.344e+04	3435.10
		2879.44	-9.344e+04	8.33e-03	0.0	51.4	-1.922e+04	-10.74	1337.64	373.39	-2.421e+04	2879.44
154	12	9629.81	-2.341e+04	2.03e-03	0.0	0.0	-1.948e+04	-104.55	1301.82	-386.97	-9.078e+04	9629.81
		4219.34	-9.078e+04	7.81e-03	0.0	51.4	-1.937e+04	-104.55	1301.82	-386.97	-2.341e+04	4219.34
154	16	1.278e+04	-2.348e+04	2.34e-03	0.0	0.0	-1.964e+04	-147.37	1305.31	-216.09	-9.104e+04	1.278e+04
		5154.00	-9.104e+04	7.82e-03	0.0	51.4	-1.952e+04	-147.37	1305.31	-216.09	-2.348e+04	5154.00
154	17	-3086.24	-2.532e+04	-3.76e-03	0.0	0.0	-1.898e+04	288.68	1409.18	385.06	-9.825e+04	-1.803e+04
		-1.803e+04	-9.825e+04	8.88e-03	0.0	51.4	-1.886e+04	288.68	1409.18	385.06	-2.532e+04	-3086.24
154	18	7904.30	-2.364e+04	-7.85e-05	0.0	0.0	-1.825e+04	-95.40	1195.64	1521.05	-8.552e+04	7904.30
		2967.74	-8.552e+04	0.01	0.0	51.4	-1.814e+04	-95.40	1195.64	1521.05	-2.364e+04	2967.74
154	19	-417.69	-2.449e+04	-1.38e-03	0.0	0.0	-2.026e+04	191.68	1459.92	-1327.57	-1.000e+05	-1.034e+04
		-1.034e+04	-1.000e+05	4.96e-03	0.0	51.4	-2.015e+04	191.68	1459.92	-1327.57	-2.449e+04	-417.69
154	21	-718.10	-2.461e+04	-1.62e-03	0.0	0.0	-2.026e+04	208.01	1468.55	-1422.83	-1.006e+05	-1.148e+04
		-1.148e+04	-1.006e+05	5.00e-03	0.0	51.4	-2.015e+04	208.01	1468.55	-1422.83	-2.461e+04	-718.10
154	42	1230.16	-2.407e+04	-6.61e-04	0.0	0.0	-1.925e+04	51.70	1329.96	107.30	-9.290e+04	-1445.48
		-1445.48	-9.290e+04	8.25e-03	0.0	51.4	-1.914e+04	51.70	1329.96	107.30	-2.407e+04	1230.16
154	43	1230.16	-2.407e+04	-6.61e-04	0.0	0.0	-1.925e+04	51.70	1329.96	107.30	-9.290e+04	-1445.48
		-1445.48	-9.290e+04	8.25e-03	0.0	51.4	-1.914e+04	51.70	1329.96	107.30	-2.407e+04	1230.16
154	44	1230.16	-2.407e+04	-6.61e-04	0.0	0.0	-1.925e+04	51.70	1329.96	107.30	-9.290e+04	-1445.48
		-1445.48	-9.290e+04	8.25e-03	0.0	51.4	-1.914e+04	51.70	1329.96	107.30	-2.407e+04	1230.16
155	1	2.042e+04	-6738.04	-7.40e-03	0.0	0.0	-1.200e+04	24.41	463.31	753.85	-3.057e+04	1.916e+04
		1.916e+04	-3.057e+04	0.01	0.0	51.4	-1.185e+04	24.41	463.31	753.85	-6738.04	2.042e+04
155	2	1.559e+04	-5518.93	-5.80e-03	0.0	0.0	-9345.05	23.21	378.76	535.39	-2.500e+04	1.439e+04
		1.439e+04	-2.500e+04	7.88e-03	0.0	51.4	-9229.33	23.21	378.76	535.39	-5518.93	1.559e+04

155	4	2.376e+04	-3004.92	-5.58e-03	0.0	0.0	-8372.95	-52.03	237.04	881.46	-1.520e+04	2.376e+04
		2.107e+04	-1.520e+04	5.57e-03	0.0	51.4	-8257.23	-52.03	237.04	881.46	-3004.92	2.107e+04
155	5	3.237e+04	-4621.80	-4.96e-03	0.0	0.0	-1.042e+04	-84.26	334.56	1075.78	-2.183e+04	3.237e+04
		2.801e+04	-2.183e+04	7.90e-03	0.0	51.4	-1.027e+04	-84.26	334.56	1075.78	-4621.80	2.801e+04
155	6	2.779e+04	-3286.54	-3.35e-03	0.0	0.0	-7773.31	-86.64	243.49	883.04	-1.581e+04	2.779e+04
		2.331e+04	-1.581e+04	5.73e-03	0.0	51.4	-7657.59	-86.64	243.49	883.04	-3286.54	2.331e+04
155	7	1.622e+04	-4910.03	-5.64e-03	0.0	0.0	-9008.62	9.72	344.39	591.77	-2.262e+04	1.572e+04
		1.572e+04	-2.262e+04	7.25e-03	0.0	51.4	-8892.91	9.72	344.39	591.77	-4910.03	1.622e+04
155	8	2.198e+04	-3245.56	-5.51e-03	0.0	0.0	-8362.40	-40.47	250.49	822.79	-1.613e+04	2.198e+04
		1.988e+04	-1.613e+04	5.70e-03	0.0	51.4	-8246.69	-40.47	250.49	822.79	-3245.56	1.988e+04
155	9	2.466e+04	-3421.77	-4.01e-03	0.0	0.0	-7960.80	-63.52	254.20	823.54	-1.650e+04	2.466e+04
		2.137e+04	-1.650e+04	5.82e-03	0.0	51.4	-7845.08	-63.52	254.20	823.54	-3421.77	2.137e+04
155	16	3.156e+04	-3012.49	-2.55e-03	0.0	0.0	-8296.38	-96.62	230.04	770.20	-1.484e+04	3.156e+04
		2.656e+04	-1.484e+04	4.82e-03	0.0	51.4	-8180.67	-96.62	230.04	770.20	-3012.49	2.656e+04
155	17	8685.72	-3841.90	-8.11e-03	0.0	0.0	-8113.08	52.31	278.53	600.84	-1.817e+04	5977.73
		5977.73	-1.817e+04	6.33e-03	0.0	51.4	-7997.37	52.31	278.53	600.84	-3841.90	8685.72
155	21	1.648e+04	-2473.12	-7.35e-03	0.0	0.0	-9938.97	7.43	162.44	-1024.53	-1.083e+04	1.610e+04
		1.610e+04	-1.083e+04	7.16e-04	0.0	51.4	-9823.25	7.43	162.44	-1024.53	-2473.12	1.648e+04
155	22	1.699e+04	-4325.50	-3.64e-03	0.0	0.0	-6276.84	-25.59	364.68	2347.74	-2.308e+04	1.699e+04
		1.567e+04	-2.308e+04	0.01	0.0	51.4	-6161.13	-25.59	364.68	2347.74	-4325.50	1.567e+04
155	23	2.037e+04	-2545.29	-6.97e-03	0.0	0.0	-1.000e+04	-18.19	162.22	-948.47	-1.089e+04	2.037e+04
		1.943e+04	-1.089e+04	2.87e-04	0.0	51.4	-9885.85	-18.19	162.22	-948.47	-2545.29	1.943e+04
155	42	1.898e+04	-3305.76	-5.26e-03	0.0	0.0	-8148.18	-23.86	255.83	710.02	-1.646e+04	1.898e+04
		1.774e+04	-1.646e+04	5.57e-03	0.0	51.4	-8032.47	-23.86	255.83	710.02	-3305.76	1.774e+04
155	43	1.898e+04	-3305.76	-5.26e-03	0.0	0.0	-8148.18	-23.86	255.83	710.02	-1.646e+04	1.898e+04
		1.774e+04	-1.646e+04	5.57e-03	0.0	51.4	-8032.47	-23.86	255.83	710.02	-3305.76	1.774e+04
155	44	1.898e+04	-3305.76	-5.26e-03	0.0	0.0	-8148.18	-23.86	255.83	710.02	-1.646e+04	1.898e+04
		1.774e+04	-1.646e+04	5.57e-03	0.0	51.4	-8032.47	-23.86	255.83	710.02	-3305.76	1.774e+04
156	1	1.987e+04	1.026e+04	0.05	0.0	0.0	-6554.26	121.24	28.77	4076.37	-96.90	-2.377e+04
		-2.377e+04	-96.90	-0.02	0.0	360.0	-5612.41	121.24	28.77	4076.37	1.026e+04	1.987e+04
156	5	1.012e+04	1.207e+04	0.04	0.0	0.0	-5645.94	63.63	42.65	3830.70	-3286.96	-1.279e+04
		-1.279e+04	-3286.96	-0.03	0.0	360.0	-4704.09	63.63	42.65	3830.70	1.207e+04	1.012e+04
156	6	5765.49	9739.19	0.03	0.0	0.0	-4227.79	36.58	36.26	2980.19	-3312.64	-7402.29
		-7402.29	-3312.64	-0.02	0.0	360.0	-3503.29	36.58	36.26	2980.19	9739.19	5765.49
156	7	1.299e+04	7536.61	0.04	0.0	0.0	-4896.82	79.28	21.42	3109.89	-174.88	-1.555e+04
		-1.555e+04	-174.88	-0.02	0.0	360.0	-4172.32	79.28	21.42	3109.89	7536.61	1.299e+04
156	9	6395.89	8705.82	0.03	0.0	0.0	-4294.23	40.44	30.50	2977.46	-2273.04	-8163.92
		-8163.92	-2273.04	-0.02	0.0	360.0	-3569.73	40.44	30.50	2977.46	8705.82	6395.89
156	17	1.068e+04	1.538e+04	0.04	0.0	0.0	-4085.12	63.39	45.84	1596.97	-1124.86	-1.214e+04
		-1.214e+04	-1124.86	0.02	0.0	360.0	-3360.62	63.39	45.84	1596.97	1.538e+04	1.068e+04
156	21	1.206e+04	1.088e+04	-0.04	0.0	0.0	-4582.05	101.64	22.82	2442.40	2662.07	-2.453e+04
		-2.453e+04	2662.07	-0.01	0.0	360.0	-3857.55	101.64	22.82	2442.40	1.088e+04	1.206e+04
156	22	5770.15	3520.07	0.10	0.0	0.0	-3996.86	-9.38	17.64	2794.82	-2831.44	5770.15
		2392.86	-2831.44	-0.02	0.0	360.0	-3272.36	-9.38	17.64	2794.82	3520.07	2392.86
156	23	9956.95	9522.73	-0.03	0.0	0.0	-4612.34	88.19	19.61	2951.21	2463.29	-2.179e+04
		-2.179e+04	2463.29	-0.01	0.0	360.0	-3887.84	88.19	19.61	2951.21	9522.73	9956.95
156	24	7684.74	2533.80	0.11	0.0	0.0	-4013.43	-18.86	15.27	3124.70	-2961.70	7684.74
		896.09	-2961.70	-0.02	0.0	360.0	-3288.93	-18.86	15.27	3124.70	2533.80	896.09
156	42	6002.92	6451.67	0.03	0.0	0.0	-4308.58	38.53	18.36	2916.09	-157.63	-7869.62
		-7869.62	-157.63	-0.01	0.0	360.0	-3584.08	38.53	18.36	2916.09	6451.67	6002.92
156	43	6002.92	6451.67	0.03	0.0	0.0	-4308.58	38.53	18.36	2916.09	-157.63	-7869.62
		-7869.62	-157.63	-0.01	0.0	360.0	-3584.08	38.53	18.36	2916.09	6451.67	6002.92
156	44	6002.92	6451.67	0.03	0.0	0.0	-4308.58	38.53	18.36	2916.09	-157.63	-7869.62
		-7869.62	-157.63	-0.01	0.0	360.0	-3584.08	38.53	18.36	2916.09	6451.67	6002.92
173	1	1652.66	4530.37	-4.58e-04	0.0	0.0	-2.752e+04	15.58	841.93	-519.59	-3.904e+04	846.53
		846.53	-3.904e+04	8.49e-03	0.0	51.4	-2.737e+04	15.58	841.93	-519.59	4530.37	1652.66
173	2	1234.40	3320.80	-3.24e-04	0.0	0.0	-2.160e+04	8.97	651.56	-386.61	-3.040e+04	770.12
		770.12	-3.040e+04	6.70e-03	0.0	51.4	-2.148e+04	8.97	651.56	-386.61	3320.80	1234.40
173	3	2250.52	4718.18	-7.13e-04	0.0	0.0	-2.359e+04	-19.13	735.17	150.68	-3.333e+04	2250.52
		1260.46	-3.333e+04	6.96e-03	0.0	51.4	-2.344e+04	-19.13	735.17	150.68	4718.18	1260.46
173	5	3885.85	4338.07	1.02e-03	0.0	0.0	-2.333e+04	-43.10	704.74	398.46	-3.214e+04	3885.85
		1655.45	-3.214e+04	6.83e-03	0.0	51.4	-2.318e+04	-43.10	704.74	398.46	4338.07	1655.45
173	6	3715.51	3163.77	1.13e-03	0.0	0.0	-1.740e+04	-47.64	516.31	535.75	-2.356e+04	3715.51
		1250.04	-2.356e+04	5.01e-03	0.0	51.4	-1.729e+04	-47.64	516.31	535.75	3163.77	1250.04
173	7	1110.60	3308.83	-3.63e-04	0.0	0.0	-2.048e+04	3.96	617.24	-241.49	-2.864e+04	905.86
		905.86	-2.864e+04	6.25e-03	0.0	51.4	-2.036e+04	3.96	617.24	-241.49	3308.83	1110.60
173	8	1776.01	3428.41	-5.66e-04	0.0	0.0	-1.784e+04	-17.96	545.69	237.09	-2.481e+04	1776.01
		846.63	-2.481e+04	5.21e-03	0.0	51.4	-1.773e+04	-17.96	545.69	237.09	3428.41	846.63
173	9	2869.45	3204.16	6.05e-04	0.0	0.0	-1.768e+04	-33.79	527.07	373.41	-2.407e+04	2869.45
		1121.03	-2.407e+04	5.12e-03	0.0	51.4	-1.757e+04	-33.79	527.07	373.41	3204.16	1121.03
173	13	1071.38	3386.21	-3.76e-03	0.0	0.0	-1.756e+04	63.46	554.20	555.69	-2.530e+04	-2212.63
		-2212.63	-2.530e+04	5.53e-03	0.0	51.4	-1.745e+04	63.46	554.20	555.69	3386.21	1071.38
173	16	5132.07	3360.30	3.04e-03	0.0	0.0	-1.790e+04	-83.54	516.21	-216.31	-2.336e+04	5132.07
		809.04	-2.336e+04	4.71e-03	0.0	51.4	-1.779e+04	-83.54	516.21	-216.31	3360.30	809.04
173	17	983.00	3369.17	-4.13e-03	0.0	0.0	-1.744e+04	78.31	551.62	385.25	-2.518e+04	-3069.52
		-3069.52	-2.518e+04	5.53e-03	0.0	51.4	-1.732e+04	78.31	551.62	385.25	3369.17	983.00
173	18	2951.33	1194.92	4.42e-04	0.0	0.0	-1.668e+04	-60.86	477.64	1521.33	-2.353e+04	2951.33

		-197.80	-2.353e+04	8.45e-03	0.0	51.4	-1.657e+04	-60.86	477.64	1521.33	1194.92	-197.80
173	21	1679.95	5160.08	-1.68e-03	0.0	0.0	-1.858e+04	46.17	572.45	-1423.19	-2.447e+04	-709.22
		-709.22	-2.447e+04	1.74e-03	0.0	51.4	-1.846e+04	46.17	572.45	-1423.19	5160.08	1679.95
173	42	1226.00	3186.65	-4.67e-04	0.0	0.0	-1.763e+04	-9.05	524.17	107.27	-2.394e+04	1226.00
		757.97	-2.394e+04	5.06e-03	0.0	51.4	-1.751e+04	-9.05	524.17	107.27	3186.65	757.97
173	43	1226.00	3186.65	-4.67e-04	0.0	0.0	-1.763e+04	-9.05	524.17	107.27	-2.394e+04	1226.00
		757.97	-2.394e+04	5.06e-03	0.0	51.4	-1.751e+04	-9.05	524.17	107.27	3186.65	757.97
173	44	1226.00	3186.65	-4.67e-04	0.0	0.0	-1.763e+04	-9.05	524.17	107.27	-2.394e+04	1226.00
		757.97	-2.394e+04	5.06e-03	0.0	51.4	-1.751e+04	-9.05	524.17	107.27	3186.65	757.97
174	1	2.169e+04	1734.01	-4.70e-03	0.0	0.0	-1.120e+04	24.47	164.73	756.00	-6738.04	2.042e+04
		2.042e+04	-6738.04	9.16e-03	0.0	51.4	-1.105e+04	24.47	164.73	756.00	1734.01	2.169e+04
174	2	1.680e+04	1420.75	-3.75e-03	0.0	0.0	-8714.79	23.26	134.94	537.06	-5518.93	1.559e+04
		1.559e+04	-5518.93	7.14e-03	0.0	51.4	-8599.07	23.26	134.94	537.06	1420.75	1.680e+04
174	5	2.799e+04	1593.38	-1.29e-03	0.0	0.0	-9746.70	-84.20	120.85	1078.04	-4621.80	2.799e+04
		2.363e+04	-4621.80	7.28e-03	0.0	51.4	-9596.27	-84.20	120.85	1078.04	1593.38	2.363e+04
174	6	2.329e+04	1272.51	-4.94e-04	0.0	0.0	-7272.77	-86.59	88.65	884.81	-3286.54	2.329e+04
		1.881e+04	-3286.54	5.29e-03	0.0	51.4	-7157.05	-86.59	88.65	884.81	1272.51	1.881e+04
174	7	1.673e+04	1394.92	-3.51e-03	0.0	0.0	-8407.81	9.76	122.60	593.43	-4910.03	1.622e+04
		1.622e+04	-4910.03	6.59e-03	0.0	51.4	-8292.09	9.76	122.60	593.43	1394.92	1.673e+04
174	9	2.136e+04	1296.08	-1.19e-03	0.0	0.0	-7446.46	-63.47	91.74	825.27	-3421.77	2.136e+04
		1.807e+04	-3421.77	5.36e-03	0.0	51.4	-7330.75	-63.47	91.74	825.27	1296.08	1.807e+04
174	16	2.654e+04	1339.56	9.55e-04	0.0	0.0	-7780.52	-96.56	84.62	772.24	-3012.49	2.654e+04
		2.154e+04	-3012.49	4.41e-03	0.0	51.4	-7664.80	-96.56	84.62	772.24	1339.56	2.154e+04
174	17	1.140e+04	1089.26	-6.97e-03	0.0	0.0	-7583.11	52.34	95.88	602.07	-3841.90	8694.83
		8694.83	-3841.90	5.81e-03	0.0	51.4	-7467.40	52.34	95.88	602.07	1089.26	1.140e+04
174	18	1.723e+04	2202.81	-1.23e-03	0.0	0.0	-5741.19	-38.97	127.51	2418.52	-4355.06	1.723e+04
		1.521e+04	-4355.06	0.01	0.0	51.4	-5625.47	-38.97	127.51	2418.52	2202.81	1.521e+04
174	22	1.566e+04	2214.38	-1.58e-03	0.0	0.0	-5708.30	-25.55	127.16	2349.43	-4325.50	1.566e+04
		1.434e+04	-4325.50	0.01	0.0	51.4	-5592.59	-25.55	127.16	2349.43	2214.38	1.434e+04
174	23	1.943e+04	537.61	-4.41e-03	0.0	0.0	-9508.96	-18.15	59.95	-946.88	-2545.29	1.943e+04
		1.849e+04	-2545.29	-6.90e-05	0.0	51.4	-9393.25	-18.15	59.95	-946.88	537.61	1.849e+04
174	24	1.736e+04	2215.98	-1.07e-03	0.0	0.0	-5737.42	-40.70	127.64	2370.98	-4348.32	1.736e+04
		1.525e+04	-4348.32	0.01	0.0	51.4	-5621.70	-40.70	127.64	2370.98	2215.98	1.525e+04
174	42	1.774e+04	1363.62	-2.92e-03	0.0	0.0	-7622.29	-23.81	90.79	711.66	-3305.76	1.774e+04
		1.651e+04	-3305.76	5.13e-03	0.0	51.4	-7506.58	-23.81	90.79	711.66	1363.62	1.651e+04
174	43	1.774e+04	1363.62	-2.92e-03	0.0	0.0	-7622.29	-23.81	90.79	711.66	-3305.76	1.774e+04
		1.651e+04	-3305.76	5.13e-03	0.0	51.4	-7506.58	-23.81	90.79	711.66	1363.62	1.651e+04
174	44	1.774e+04	1363.62	-2.92e-03	0.0	0.0	-7622.29	-23.81	90.79	711.66	-3305.76	1.774e+04
		1.651e+04	-3305.76	5.13e-03	0.0	51.4	-7506.58	-23.81	90.79	711.66	1363.62	1.651e+04
184	1	1649.53	1.550e+04	-2.33e-04	0.0	0.0	-2.585e+04	-14.36	210.80	-517.84	4592.37	1649.53
		906.48	4592.37	9.07e-03	0.0	51.4	-2.570e+04	-14.36	210.80	-517.84	1.550e+04	906.48
184	4	834.38	1.061e+04	-4.83e-04	0.0	0.0	-1.648e+04	-16.07	136.48	314.87	3547.65	834.38
		2.82	3547.65	5.59e-03	0.0	51.4	-1.636e+04	-16.07	136.48	314.87	1.061e+04	2.82
184	6	1244.35	9969.42	1.30e-03	0.0	0.0	-1.625e+04	-22.06	130.76	536.72	3202.08	1244.35
		102.63	3202.08	5.42e-03	0.0	51.4	-1.614e+04	-22.06	130.76	536.72	9969.42	102.63
184	7	1107.83	1.138e+04	-2.12e-04	0.0	0.0	-1.924e+04	-12.09	155.01	-240.25	3354.39	1107.83
		482.39	3354.39	6.68e-03	0.0	51.4	-1.912e+04	-12.09	155.01	-240.25	1.138e+04	482.39
184	8	842.90	1.056e+04	-4.50e-04	0.0	0.0	-1.668e+04	-14.82	137.03	238.16	3468.67	842.90
		75.82	3468.67	5.65e-03	0.0	51.4	-1.657e+04	-14.82	137.03	238.16	1.056e+04	75.82
184	9	1116.23	1.014e+04	7.57e-04	0.0	0.0	-1.654e+04	-18.86	133.23	374.42	3243.21	1116.23
		140.43	3243.21	5.53e-03	0.0	51.4	-1.642e+04	-18.86	133.23	374.42	1.014e+04	140.43
184	18	-204.14	7707.94	4.21e-04	0.0	0.0	-1.558e+04	-23.74	125.15	1522.41	1230.61	-204.14
		-1432.54	1230.61	8.60e-03	0.0	51.4	-1.547e+04	-23.74	125.15	1522.41	7707.94	-1432.54
184	21	1680.39	1.246e+04	-1.46e-03	0.0	0.0	-1.748e+04	-0.37	140.31	-1422.24	5202.22	1680.39
		1661.37	5202.22	2.41e-03	0.0	51.4	-1.736e+04	-0.37	140.31	-1422.24	1.246e+04	1661.37
184	24	-169.24	7766.30	5.79e-04	0.0	0.0	-1.568e+04	-24.77	126.20	1523.51	1234.46	-169.24
		-1450.83	1234.46	8.65e-03	0.0	51.4	-1.557e+04	-24.77	126.20	1523.51	7766.30	-1450.83
184	42	754.91	1.008e+04	-3.63e-04	0.0	0.0	-1.653e+04	-12.39	132.45	108.29	3225.50	754.91
		113.56	3225.50	5.47e-03	0.0	51.4	-1.641e+04	-12.39	132.45	108.29	1.008e+04	113.56
184	43	754.91	1.008e+04	-3.63e-04	0.0	0.0	-1.653e+04	-12.39	132.45	108.29	3225.50	754.91
		113.56	3225.50	5.47e-03	0.0	51.4	-1.641e+04	-12.39	132.45	108.29	1.008e+04	113.56
184	44	754.91	1.008e+04	-3.63e-04	0.0	0.0	-1.653e+04	-12.39	132.45	108.29	3225.50	754.91
		113.56	3225.50	5.47e-03	0.0	51.4	-1.641e+04	-12.39	132.45	108.29	1.008e+04	113.56
185	1	2.296e+04	3379.90	-1.84e-03	0.0	0.0	-1.059e+04	24.49	32.00	758.03	1734.01	2.169e+04
		2.169e+04	1734.01	9.39e-03	0.0	51.4	-1.044e+04	24.49	32.00	758.03	3379.90	2.296e+04
185	5	2.362e+04	2894.73	1.85e-03	0.0	0.0	-9244.12	-84.17	25.30	1079.87	1593.38	2.362e+04
		1.926e+04	1593.38	7.48e-03	0.0	51.4	-9093.69	-84.17	25.30	1079.87	2894.73	1.926e+04
185	6	1.879e+04	2267.14	2.20e-03	0.0	0.0	-6898.60	-86.57	19.34	886.21	1272.51	1.879e+04
		1.431e+04	1272.51	5.46e-03	0.0	51.4	-6782.89	-86.57	19.34	886.21	2267.14	1.431e+04
185	7	1.724e+04	2640.91	-1.30e-03	0.0	0.0	-7943.89	9.78	24.23	594.99	1394.92	1.673e+04
		1.673e+04	1394.92	6.77e-03	0.0	51.4	-7828.17	9.78	24.23	594.99	2640.91	1.724e+04
185	9	1.806e+04	2289.59	1.19e-03	0.0	0.0	-7061.16	-63.45	19.32	826.69	1296.08	1.806e+04
		1.477e+04	1296.08	5.53e-03	0.0	51.4	-6945.45	-63.45	19.32	826.69	2289.59	1.477e+04
185	16	2.153e+04	2402.76	3.79e-03	0.0	0.0	-7399.45	-96.53	20.67	773.96	1339.56	2.153e+04
		1.653e+04	1339.56	4.58e-03	0.0	51.4	-7283.74	-96.53	20.67	773.96	2402.76	1.653e+04
185	17	1.412e+04	1822.51	-5.46e-03	0.0	0.0	-7186.62	52.35	14.26	603.26	1089.26	1.141e+04
		1.141e+04	1089.26	5.95e-03	0.0	51.4	-7070.91	52.35	14.26	603.26	1822.51	1.412e+04

185	22	1.434e+04	3565.18	3.12e-04	0.0	0.0	-5224.38	-25.53	26.27	2350.95	2214.38	1.434e+04
		1.301e+04	2214.38	0.01	0.0	51.4	-5108.66	-25.53	26.27	2350.95	3565.18	1.301e+04
185	23	1.848e+04	1098.94	-1.97e-03	0.0	0.0	-9196.86	-18.13	10.91	-945.45	537.61	1.848e+04
		1.754e+04	537.61	-1.34e-05	0.0	51.4	-9081.15	-18.13	10.91	-945.45	1098.94	1.754e+04
185	24	1.525e+04	3605.85	9.44e-04	0.0	0.0	-5253.66	-40.69	27.03	2372.52	2215.98	1.525e+04
		1.314e+04	2215.98	0.01	0.0	51.4	-5137.94	-40.69	27.03	2372.52	3605.85	1.314e+04
185	25	1.757e+04	1058.36	-2.60e-03	0.0	0.0	-9167.46	-2.95	10.16	-967.07	536.09	1.757e+04
		1.742e+04	536.09	1.51e-04	0.0	51.4	-9051.75	-2.95	10.16	-967.07	1058.36	1.742e+04
185	42	1.650e+04	2283.66	-7.67e-04	0.0	0.0	-7230.52	-23.79	17.89	713.12	1363.62	1.650e+04
		1.527e+04	1363.62	5.30e-03	0.0	51.4	-7114.81	-23.79	17.89	713.12	2283.66	1.527e+04
185	43	1.650e+04	2283.66	-7.67e-04	0.0	0.0	-7230.52	-23.79	17.89	713.12	1363.62	1.650e+04
		1.527e+04	1363.62	5.30e-03	0.0	51.4	-7114.81	-23.79	17.89	713.12	2283.66	1.527e+04
185	44	1.650e+04	2283.66	-7.67e-04	0.0	0.0	-7230.52	-23.79	17.89	713.12	1363.62	1.650e+04
		1.527e+04	1363.62	5.30e-03	0.0	51.4	-7114.81	-23.79	17.89	713.12	2283.66	1.527e+04
194	1	1077.98	1.551e+04	-1.12e-04	0.0	0.0	-2.466e+04	3.36	-53.64	-516.81	1.551e+04	904.00
		904.00	1.273e+04	0.01	0.0	51.4	-2.451e+04	3.36	-53.64	-516.81	1.273e+04	1077.98
194	4	177.46	1.062e+04	-4.82e-04	0.0	0.0	-1.562e+04	3.40	-34.76	315.45	1.062e+04	1.27
		1.27	8816.37	6.99e-03	0.0	51.4	-1.550e+04	3.40	-34.76	315.45	8816.37	177.46
194	6	132.06	9973.25	1.31e-03	0.0	0.0	-1.541e+04	0.60	-33.14	537.23	9973.25	100.84
		100.84	8257.85	6.73e-03	0.0	51.4	-1.529e+04	0.60	-33.14	537.23	8257.85	132.06
194	7	635.32	1.138e+04	-1.47e-04	0.0	0.0	-1.835e+04	2.99	-39.40	-239.57	1.138e+04	480.57
		480.57	9342.00	8.17e-03	0.0	51.4	-1.823e+04	2.99	-39.40	-239.57	9342.00	635.32
194	8	246.86	1.056e+04	-4.39e-04	0.0	0.0	-1.584e+04	3.33	-35.00	238.75	1.056e+04	74.27
		74.27	8753.20	7.04e-03	0.0	51.4	-1.572e+04	3.33	-35.00	238.75	8753.20	246.86
194	9	217.11	1.014e+04	7.77e-04	0.0	0.0	-1.570e+04	1.51	-33.97	374.96	1.014e+04	138.71
		138.71	8384.53	6.87e-03	0.0	51.4	-1.558e+04	1.51	-33.97	374.96	8384.53	217.11
194	18	-1097.18	7712.65	2.33e-04	0.0	0.0	-1.476e+04	6.51	-4.55	1523.07	7712.65	-1434.11
		-1434.11	7477.23	9.61e-03	0.0	51.4	-1.464e+04	6.51	-4.55	1523.07	7477.23	-1097.18
194	21	1660.55	1.247e+04	-1.24e-03	0.0	0.0	-1.672e+04	0.01	-64.03	-1421.80	1.247e+04	1660.00
		1660.00	9152.62	4.05e-03	0.0	51.4	-1.660e+04	0.01	-64.03	-1421.80	9152.62	1660.55
194	24	-1107.27	7771.05	3.89e-04	0.0	0.0	-1.485e+04	6.67	-4.42	1524.16	7771.05	-1452.45
		-1452.45	7542.16	9.67e-03	0.0	51.4	-1.473e+04	6.67	-4.42	1524.16	7542.16	-1107.27
194	42	299.36	1.008e+04	-3.47e-04	0.0	0.0	-1.573e+04	3.62	-34.40	108.84	1.008e+04	112.10
		112.10	8304.12	6.80e-03	0.0	51.4	-1.562e+04	3.62	-34.40	108.84	8304.12	299.36
194	43	299.36	1.008e+04	-3.47e-04	0.0	0.0	-1.573e+04	3.62	-34.40	108.84	1.008e+04	112.10
		112.10	8304.12	6.80e-03	0.0	51.4	-1.562e+04	3.62	-34.40	108.84	8304.12	299.36
194	44	299.36	1.008e+04	-3.47e-04	0.0	0.0	-1.573e+04	3.62	-34.40	108.84	1.008e+04	112.10
		112.10	8304.12	6.80e-03	0.0	51.4	-1.562e+04	3.62	-34.40	108.84	8304.12	299.36
195	1	2.424e+04	3379.90	1.18e-03	0.0	0.0	-1.004e+04	24.51	-6.27	759.84	3379.90	2.297e+04
		2.297e+04	3057.47	9.83e-03	0.0	51.4	-9885.23	24.51	-6.27	759.84	3057.47	2.424e+04
195	6	1.430e+04	2267.14	4.09e-03	0.0	0.0	-6568.68	-86.56	-3.78	887.12	2267.14	1.430e+04
		9815.54	2072.61	5.76e-03	0.0	51.4	-6452.97	-86.56	-3.78	887.12	2072.61	9815.54
195	7	1.775e+04	2640.91	9.74e-04	0.0	0.0	-7527.31	9.80	-3.87	596.37	2640.91	1.724e+04
		1.724e+04	2442.03	7.12e-03	0.0	51.4	-7411.60	9.80	-3.87	596.37	2442.03	1.775e+04
195	9	1.476e+04	2289.59	3.14e-03	0.0	0.0	-6719.89	-63.44	-3.58	827.72	2289.59	1.476e+04
		1.148e+04	2105.46	5.83e-03	0.0	51.4	-6604.17	-63.44	-3.58	827.72	2105.46	1.148e+04
195	21	1.765e+04	1050.89	-7.24e-04	0.0	0.0	-8882.32	7.50	-16.48	-1020.51	1050.89	1.726e+04
		1.726e+04	203.13	5.86e-04	0.0	51.4	-8766.61	7.50	-16.48	-1020.51	203.13	1.765e+04
195	22	1.301e+04	4163.97	2.03e-03	0.0	0.0	-4763.96	-25.52	11.64	2352.34	3565.18	1.301e+04
		1.169e+04	3565.18	0.01	0.0	51.4	-4648.24	-25.52	11.64	2352.34	4163.97	1.169e+04
195	23	1.754e+04	1098.94	3.45e-04	0.0	0.0	-8945.92	-18.11	-16.54	-944.35	1098.94	1.754e+04
		1.660e+04	248.46	1.46e-04	0.0	51.4	-8830.20	-18.11	-16.54	-944.35	248.46	1.660e+04
195	24	1.313e+04	4203.06	2.68e-03	0.0	0.0	-4793.53	-40.67	11.61	2373.88	3605.85	1.313e+04
		1.103e+04	3605.85	0.01	0.0	51.4	-4677.81	-40.67	11.61	2373.88	4203.06	1.103e+04
195	42	1.527e+04	2283.66	1.27e-03	0.0	0.0	-6881.44	-23.78	-2.91	714.35	2283.66	1.527e+04
		1.403e+04	2133.76	5.60e-03	0.0	51.4	-6765.73	-23.78	-2.91	714.35	2133.76	1.403e+04
195	43	1.527e+04	2283.66	1.27e-03	0.0	0.0	-6881.44	-23.78	-2.91	714.35	2283.66	1.527e+04
		1.403e+04	2133.76	5.60e-03	0.0	51.4	-6765.73	-23.78	-2.91	714.35	2133.76	1.403e+04
195	44	1.527e+04	2283.66	1.27e-03	0.0	0.0	-6881.44	-23.78	-2.91	714.35	2283.66	1.527e+04
		1.403e+04	2133.76	5.60e-03	0.0	51.4	-6765.73	-23.78	-2.91	714.35	2133.76	1.403e+04
202	1	4888.93	1.271e+04	3.28e-05	0.0	0.0	-2.393e+04	73.58	-302.62	-517.15	1.271e+04	1081.29
		1081.29	-2954.70	0.01	0.0	51.4	-2.378e+04	73.58	-302.62	-517.15	-2954.70	4888.93
202	6	2112.62	8242.86	1.33e-03	0.0	0.0	-1.486e+04	38.23	-193.38	536.92	8242.86	134.04
		134.04	-1765.59	7.81e-03	0.0	51.4	-1.474e+04	38.23	-193.38	536.92	-1765.59	2112.62
202	7	3527.25	9324.36	-7.48e-05	0.0	0.0	-1.780e+04	55.83	-224.00	-239.90	9324.36	637.94
		637.94	-2268.70	9.40e-03	0.0	51.4	-1.769e+04	55.83	-224.00	-239.90	-2268.70	3527.25
202	9	2420.80	8369.22	8.07e-04	0.0	0.0	-1.516e+04	42.54	-196.90	374.65	8369.22	219.27
		219.27	-1821.40	7.97e-03	0.0	51.4	-1.505e+04	42.54	-196.90	374.65	-1821.40	2420.80
202	12	3968.80	8345.42	2.65e-03	0.0	0.0	-1.518e+04	76.43	-201.91	-386.88	8345.42	13.73
		13.73	-2104.31	7.58e-03	0.0	51.4	-1.506e+04	76.43	-201.91	-386.88	-2104.31	3968.80
202	18	2141.75	7470.70	9.02e-05	0.0	0.0	-1.420e+04	62.52	-78.48	1523.03	7470.70	-1093.49
		-1093.49	3409.00	0.01	0.0	51.4	-1.409e+04	62.52	-78.48	1523.03	3409.00	2141.75
202	21	3458.27	9128.37	-1.02e-03	0.0	0.0	-1.629e+04	34.72	-318.04	-1422.41	9128.37	1661.68
		1661.68	-7331.94	5.25e-03	0.0	51.4	-1.618e+04	34.72	-318.04	-1422.41	-7331.94	3458.27
202	24	2198.15	7535.63	2.45e-04	0.0	0.0	-1.428e+04	63.80	-78.18	1524.11	7535.63	-1103.48
		-1103.48	3489.61	0.01	0.0	51.4	-1.417e+04	63.80	-78.18	1524.11	3489.61	2198.15
202	25	3504.32	9026.73	-9.11e-04	0.0	0.0	-1.621e+04	36.09	-316.86	-1327.93	9026.73	1636.81

		1636.81	-7372.61	5.16e-03	0.0	51.4	-1.609e+04	36.09	-316.86	-1327.93	-7372.61	3504.32
202	42	2890.38	8288.72	-3.06e-04	0.0	0.0	-1.524e+04	50.02	-198.35	108.54	8288.72	301.88
		301.88	-1977.22	7.89e-03	0.0	51.4	-1.513e+04	50.02	-198.35	108.54	-1977.22	2890.38
202	43	2890.38	8288.72	-3.06e-04	0.0	0.0	-1.524e+04	50.02	-198.35	108.54	8288.72	301.88
		301.88	-1977.22	7.89e-03	0.0	51.4	-1.513e+04	50.02	-198.35	108.54	-1977.22	2890.38
202	44	2890.38	8288.72	-3.06e-04	0.0	0.0	-1.524e+04	50.02	-198.35	108.54	8288.72	301.88
		301.88	-1977.22	7.89e-03	0.0	51.4	-1.513e+04	50.02	-198.35	108.54	-1977.22	2890.38
203	1	2.551e+04	3057.48	4.38e-03	0.0	0.0	-9522.54	24.52	-27.19	761.12	3057.48	2.424e+04
		2.424e+04	1658.95	0.01	0.0	51.4	-9372.11	24.52	-27.19	761.12	1658.95	2.551e+04
203	6	9800.62	2072.61	5.38e-03	0.0	0.0	-6270.06	-86.56	-26.62	887.37	2072.61	9800.62
		5319.22	703.69	6.03e-03	0.0	51.4	-6154.34	-86.56	-26.62	887.37	703.69	5319.22
203	7	1.826e+04	2442.03	3.31e-03	0.0	0.0	-7139.61	9.80	-18.71	597.36	2442.03	1.775e+04
		1.775e+04	1479.97	7.45e-03	0.0	51.4	-7023.90	9.80	-18.71	597.36	1479.97	1.826e+04
203	9	1.147e+04	2105.46	4.65e-03	0.0	0.0	-6407.72	-63.44	-23.62	828.17	2105.46	1.147e+04
		8184.44	890.87	6.11e-03	0.0	51.4	-6292.00	-63.44	-23.62	828.17	890.87	8184.44
203	16	1.150e+04	2488.24	7.49e-03	0.0	0.0	-6735.84	-96.51	-16.70	776.02	2488.24	1.150e+04
		6501.30	1629.57	5.23e-03	0.0	51.4	-6620.13	-96.51	-16.70	776.02	1629.57	6501.30
203	17	1.957e+04	1361.83	-1.38e-03	0.0	0.0	-6513.55	52.37	-21.89	605.24	1361.83	1.685e+04
		1.685e+04	236.24	6.37e-03	0.0	51.4	-6397.83	52.37	-21.89	605.24	236.24	1.957e+04
203	22	1.168e+04	6903.06	3.57e-03	0.0	0.0	-4311.44	-25.51	53.26	2353.54	4163.97	1.168e+04
		1.036e+04	4163.97	0.01	0.0	51.4	-4195.73	-25.51	53.26	2353.54	6903.06	1.036e+04
203	23	1.660e+04	248.46	2.53e-03	0.0	0.0	-8734.22	-18.11	-84.10	-943.81	248.46	1.660e+04
		1.566e+04	-4076.82	1.77e-04	0.0	51.4	-8618.51	-18.11	-84.10	-943.81	-4076.82	1.566e+04
203	42	1.403e+04	2133.76	3.12e-03	0.0	0.0	-6556.03	-23.77	-17.29	715.19	2133.76	1.403e+04
		1.280e+04	1244.41	5.89e-03	0.0	51.4	-6440.31	-23.77	-17.29	715.19	1244.41	1.280e+04
203	43	1.403e+04	2133.76	3.12e-03	0.0	0.0	-6556.03	-23.77	-17.29	715.19	2133.76	1.403e+04
		1.280e+04	1244.41	5.89e-03	0.0	51.4	-6440.31	-23.77	-17.29	715.19	1244.41	1.280e+04
203	44	1.403e+04	2133.76	3.12e-03	0.0	0.0	-6556.03	-23.77	-17.29	715.19	2133.76	1.403e+04
		1.280e+04	1244.41	5.89e-03	0.0	51.4	-6440.31	-23.77	-17.29	715.19	1244.41	1.280e+04
207	1	1.782e+04	-3030.44	6.88e-04	0.0	0.0	-2.366e+04	249.49	-777.46	-519.06	-3030.44	4909.13
		4909.13	-4.327e+04	0.01	0.0	51.4	-2.351e+04	249.49	-777.46	-519.06	-4.327e+04	1.782e+04
207	4	1.099e+04	-1446.43	-1.68e-04	0.0	0.0	-1.483e+04	159.38	-507.24	313.76	-1446.43	2743.75
		2743.75	-2.770e+04	7.94e-03	0.0	51.4	-1.471e+04	159.38	-507.24	313.76	-2.770e+04	1.099e+04
207	6	8587.95	-1814.26	1.61e-03	0.0	0.0	-1.461e+04	124.93	-504.14	535.60	-1814.26	2122.93
		2122.93	-2.791e+04	7.56e-03	0.0	51.4	-1.450e+04	124.93	-504.14	535.60	-2.791e+04	8587.95
207	7	1.323e+04	-2324.83	4.11e-04	0.0	0.0	-1.761e+04	187.16	-577.66	-241.39	-2324.83	3542.48
		3542.48	-3.222e+04	9.08e-03	0.0	51.4	-1.749e+04	187.16	-577.66	-241.39	-3.222e+04	1.323e+04
207	8	1.123e+04	-1621.82	-1.30e-04	0.0	0.0	-1.507e+04	162.19	-514.09	237.07	-1621.82	2837.08
		2837.08	-2.823e+04	7.96e-03	0.0	51.4	-1.496e+04	162.19	-514.09	237.07	-2.823e+04	1.123e+04
207	9	9656.93	-1870.91	1.13e-03	0.0	0.0	-1.493e+04	139.61	-512.38	373.32	-1870.91	2432.29
		2432.29	-2.839e+04	7.71e-03	0.0	51.4	-1.482e+04	139.61	-512.38	373.32	-2.839e+04	9656.93
207	12	1.553e+04	-2155.21	3.18e-03	0.0	0.0	-1.495e+04	223.00	-527.01	-388.34	-2155.21	3988.51
		3988.51	-2.943e+04	7.28e-03	0.0	51.4	-1.483e+04	223.00	-527.01	-388.34	-2.943e+04	1.553e+04
207	13	6585.31	-1558.51	-3.09e-03	0.0	0.0	-1.519e+04	91.96	-515.06	557.90	-1558.51	1826.30
		1826.30	-2.822e+04	8.30e-03	0.0	51.4	-1.507e+04	91.96	-515.06	557.90	-2.822e+04	6585.31
207	18	1.209e+04	3389.72	3.80e-04	0.0	0.0	-1.391e+04	191.90	-199.32	1522.37	3389.72	2158.21
		2158.21	-6926.23	0.01	0.0	51.4	-1.379e+04	191.90	-199.32	1522.37	-6926.23	1.209e+04
207	21	1.015e+04	-7412.44	-5.57e-04	0.0	0.0	-1.622e+04	129.03	-834.02	-1424.43	-7412.44	3468.12
		3468.12	-5.058e+04	4.25e-03	0.0	51.4	-1.610e+04	129.03	-834.02	-1424.43	-5.058e+04	1.015e+04
207	24	1.232e+04	3470.43	5.43e-04	0.0	0.0	-1.398e+04	195.20	-197.74	1523.43	3470.43	2214.94
		2214.94	-6763.81	0.01	0.0	51.4	-1.386e+04	195.20	-197.74	1523.43	-6763.81	1.232e+04
207	42	1.139e+04	-2027.13	8.21e-05	0.0	0.0	-1.505e+04	164.01	-516.74	107.22	-2027.13	2903.88
		2903.88	-2.877e+04	7.60e-03	0.0	51.4	-1.494e+04	164.01	-516.74	107.22	-2.877e+04	1.139e+04
207	43	1.139e+04	-2027.13	8.21e-05	0.0	0.0	-1.505e+04	164.01	-516.74	107.22	-2027.13	2903.88
		2903.88	-2.877e+04	7.60e-03	0.0	51.4	-1.494e+04	164.01	-516.74	107.22	-2.877e+04	1.139e+04
207	44	1.139e+04	-2027.13	8.21e-05	0.0	0.0	-1.505e+04	164.01	-516.74	107.22	-2027.13	2903.88
		2903.88	-2.877e+04	7.60e-03	0.0	51.4	-1.494e+04	164.01	-516.74	107.22	-2.877e+04	1.139e+04
208	1	2.679e+04	1658.95	7.75e-03	0.0	0.0	-9041.35	24.59	-82.23	763.00	1658.95	2.551e+04
		2.551e+04	-2570.23	0.01	0.0	51.4	-8890.93	24.59	-82.23	763.00	-2570.23	2.679e+04
208	5	1.050e+04	937.94	7.74e-03	0.0	0.0	-8025.50	-84.12	-100.81	1082.06	937.94	1.050e+04
		6149.09	-4246.31	8.33e-03	0.0	51.4	-7875.07	-84.12	-100.81	1082.06	-4246.31	6149.09
208	6	5304.25	703.69	6.08e-03	0.0	0.0	-6003.18	-86.54	-81.85	887.34	703.69	5304.25
		823.56	-3505.86	6.12e-03	0.0	51.4	-5887.46	-86.54	-81.85	887.34	-3505.86	823.56
208	7	1.877e+04	1479.97	5.72e-03	0.0	0.0	-6776.06	9.86	-57.89	598.79	1479.97	1.826e+04
		1.826e+04	-1497.41	7.64e-03	0.0	51.4	-6660.35	9.86	-57.89	598.79	-1497.41	1.877e+04
208	9	8173.45	890.87	5.73e-03	0.0	0.0	-6123.26	-63.41	-74.05	828.59	890.87	8173.45
		4890.52	-2917.62	6.22e-03	0.0	51.4	-6007.55	-63.41	-74.05	828.59	-2917.62	4890.52
208	16	6484.54	1629.57	8.35e-03	0.0	0.0	-6431.90	-96.45	-69.45	777.21	1629.57	6484.54
		1490.45	-1942.16	5.44e-03	0.0	51.4	-6316.18	-96.45	-69.45	777.21	-1942.16	1490.45
208	17	2.229e+04	236.24	1.21e-03	0.0	0.0	-6208.57	52.41	-59.46	606.50	236.24	1.957e+04
		1.957e+04	-2821.57	6.40e-03	0.0	51.4	-6092.85	52.41	-59.46	606.50	-2821.57	2.229e+04
208	22	1.036e+04	1.528e+04	4.94e-03	0.0	0.0	-3863.85	-25.48	162.83	2354.98	6903.06	1.036e+04
		9039.70	6903.06	0.01	0.0	51.4	-3748.14	-25.48	162.83	2354.98	1.528e+04	9039.70
208	23	1.566e+04	-4076.82	4.60e-03	0.0	0.0	-8555.04	-18.04	-268.60	-942.66	-4076.82	1.566e+04
		1.473e+04	-1.789e+04	-3.69e-04	0.0	51.4	-8439.32	-18.04	-268.60	-942.66	-1.789e+04	1.473e+04
208	42	1.279e+04	1244.41	4.80e-03	0.0	0.0	-6249.20	-23.72	-58.78	716.45	1244.41	1.279e+04
		1.157e+04	-1778.62	6.05e-03	0.0	51.4	-6133.49	-23.72	-58.78	716.45	-1778.62	1.157e+04

208	43	1.279e+04	1244.41	4.80e-03	0.0	0.0	-6249.20	-23.72	-58.78	716.45	1244.41	1.279e+04
		1.157e+04	-1778.62	6.05e-03	0.0	51.4	-6133.49	-23.72	-58.78	716.45	-1778.62	1.157e+04
208	44	1.279e+04	1244.41	4.80e-03	0.0	0.0	-6249.20	-23.72	-58.78	716.45	1244.41	1.279e+04
		1.157e+04	-1778.62	6.05e-03	0.0	51.4	-6133.49	-23.72	-58.78	716.45	-1778.62	1.157e+04
209	1	4.725e+04	-4.345e+04	3.06e-03	0.0	0.0	-2.377e+04	567.55	-1434.07	-522.75	-4.345e+04	1.788e+04
		1.788e+04	-1.177e+05	6.60e-03	0.0	51.4	-2.362e+04	567.55	-1434.07	-522.75	-1.177e+05	4.725e+04
209	4	2.938e+04	-2.782e+04	1.37e-03	0.0	0.0	-1.483e+04	354.71	-937.38	311.19	-2.782e+04	1.103e+04
		1.103e+04	-7.633e+04	4.25e-03	0.0	51.4	-1.471e+04	354.71	-937.38	311.19	-7.633e+04	2.938e+04
209	6	2.340e+04	-2.802e+04	2.76e-03	0.0	0.0	-1.460e+04	285.68	-939.36	533.08	-2.802e+04	8617.44
		8617.44	-7.664e+04	3.84e-03	0.0	51.4	-1.449e+04	285.68	-939.36	533.08	-7.664e+04	2.340e+04
209	7	3.520e+04	-3.236e+04	2.17e-03	0.0	0.0	-1.769e+04	423.69	-1069.24	-244.22	-3.236e+04	1.327e+04
		1.327e+04	-8.769e+04	4.78e-03	0.0	51.4	-1.757e+04	423.69	-1069.24	-244.22	-8.769e+04	3.520e+04
209	8	3.002e+04	-2.835e+04	1.47e-03	0.0	0.0	-1.510e+04	362.41	-951.67	234.50	-2.835e+04	1.127e+04
		1.127e+04	-7.760e+04	4.20e-03	0.0	51.4	-1.498e+04	362.41	-951.67	234.50	-7.760e+04	3.002e+04
209	9	2.609e+04	-2.851e+04	2.42e-03	0.0	0.0	-1.494e+04	317.00	-953.60	370.77	-2.851e+04	9689.96
		9689.96	-7.786e+04	3.92e-03	0.0	51.4	-1.483e+04	317.00	-953.60	370.77	-7.786e+04	2.609e+04
209	12	3.911e+04	-2.955e+04	5.24e-03	0.0	0.0	-1.497e+04	454.72	-980.29	-390.84	-2.955e+04	1.558e+04
		1.558e+04	-8.029e+04	3.38e-03	0.0	51.4	-1.486e+04	454.72	-980.29	-390.84	-8.029e+04	3.911e+04
209	13	2.005e+04	-2.833e+04	-2.21e-03	0.0	0.0	-1.526e+04	259.67	-955.31	555.72	-2.833e+04	6608.46
		6608.46	-7.778e+04	4.54e-03	0.0	51.4	-1.514e+04	259.67	-955.31	555.72	-7.778e+04	2.005e+04
209	18	3.341e+04	-6971.92	1.99e-03	0.0	0.0	-1.384e+04	411.16	-400.24	1521.37	-6971.92	1.213e+04
		1.213e+04	-2.769e+04	0.01	0.0	51.4	-1.373e+04	411.16	-400.24	1521.37	-2.769e+04	3.341e+04
209	21	2.632e+04	-5.077e+04	7.91e-04	0.0	0.0	-1.639e+04	311.88	-1525.24	-1428.48	-5.077e+04	1.018e+04
		1.018e+04	-1.297e+05	-2.49e-03	0.0	51.4	-1.627e+04	311.88	-1525.24	-1428.48	-1.297e+05	2.632e+04
209	24	3.394e+04	-6809.08	2.18e-03	0.0	0.0	-1.391e+04	416.92	-395.98	1522.41	-6809.08	1.236e+04
		1.236e+04	-2.730e+04	0.01	0.0	51.4	-1.379e+04	416.92	-395.98	1522.41	-2.730e+04	3.394e+04
209	42	3.044e+04	-2.889e+04	1.60e-03	0.0	0.0	-1.511e+04	367.43	-962.51	104.71	-2.889e+04	1.143e+04
		1.143e+04	-7.871e+04	3.77e-03	0.0	51.4	-1.499e+04	367.43	-962.51	104.71	-7.871e+04	3.044e+04
209	43	3.044e+04	-2.889e+04	1.60e-03	0.0	0.0	-1.511e+04	367.43	-962.51	104.71	-2.889e+04	1.143e+04
		1.143e+04	-7.871e+04	3.77e-03	0.0	51.4	-1.499e+04	367.43	-962.51	104.71	-7.871e+04	3.044e+04
209	44	3.044e+04	-2.889e+04	1.60e-03	0.0	0.0	-1.511e+04	367.43	-962.51	104.71	-2.889e+04	1.143e+04
		1.143e+04	-7.871e+04	3.77e-03	0.0	51.4	-1.499e+04	367.43	-962.51	104.71	-7.871e+04	3.044e+04
210	1	2.807e+04	-2570.23	0.01	0.0	0.0	-8602.33	24.69	-174.29	763.02	-2570.23	2.679e+04
		2.679e+04	-1.153e+04	0.01	0.0	51.4	-8451.90	24.69	-174.29	763.02	-1.153e+04	2.807e+04
210	2	2.285e+04	-1375.54	8.93e-03	0.0	0.0	-6632.69	23.44	-121.35	542.74	-1375.54	2.164e+04
		2.164e+04	-7616.58	8.06e-03	0.0	51.4	-6516.98	23.44	-121.35	542.74	-7616.58	2.285e+04
210	5	6134.11	-4246.31	8.55e-03	0.0	0.0	-7700.89	-84.17	-206.16	1080.93	-4246.31	6134.11
		1777.20	-1.485e+04	7.76e-03	0.0	51.4	-7550.47	-84.17	-206.16	1080.93	-1.485e+04	1777.20
210	6	808.30	-3505.86	6.19e-03	0.0	0.0	-5772.61	-86.61	-164.98	886.22	-3505.86	808.30
		-3674.40	-1.199e+04	5.65e-03	0.0	51.4	-5656.90	-86.61	-164.98	886.22	-1.199e+04	-3674.40
210	7	1.928e+04	-1497.41	8.20e-03	0.0	0.0	-6444.78	9.94	-123.88	598.90	-1497.41	1.877e+04
		1.877e+04	-7868.57	7.44e-03	0.0	51.4	-6329.06	9.94	-123.88	598.90	-7868.57	1.928e+04
210	9	4879.21	-2917.62	6.37e-03	0.0	0.0	-5871.40	-63.43	-152.97	827.89	-2917.62	4879.21
		1595.65	-1.078e+04	5.83e-03	0.0	51.4	-5755.68	-63.43	-152.97	827.89	-1.078e+04	1595.65
210	16	1473.42	-1942.16	8.54e-03	0.0	0.0	-6150.16	-96.39	-157.76	777.27	-1942.16	1473.42
		-3518.51	-1.006e+04	5.17e-03	0.0	51.4	-6034.44	-96.39	-157.76	777.27	-1.006e+04	-3518.51
210	17	2.501e+04	-2821.57	4.15e-03	0.0	0.0	-5925.18	52.49	-127.64	606.55	-2821.57	2.230e+04
		2.230e+04	-9385.83	6.02e-03	0.0	51.4	-5809.46	52.49	-127.64	606.55	-9385.83	2.501e+04
210	22	9034.90	3.226e+04	6.13e-03	0.0	0.0	-3453.54	-25.41	330.13	2355.94	1.528e+04	9034.90
		7717.91	1.528e+04	0.01	0.0	51.4	-3337.83	-25.41	330.13	2355.94	3.226e+04	7717.91
210	23	1.472e+04	-1.789e+04	6.54e-03	0.0	0.0	-8387.55	-17.96	-567.20	-943.21	-1.789e+04	1.472e+04
		1.379e+04	-4.706e+04	-2.75e-03	0.0	51.4	-8271.84	-17.96	-567.20	-943.21	-4.706e+04	1.379e+04
210	42	1.156e+04	-1778.62	6.33e-03	0.0	0.0	-5965.78	-23.65	-130.87	716.61	-1778.62	1.156e+04
		1.034e+04	-8508.95	5.81e-03	0.0	51.4	-5850.06	-23.65	-130.87	716.61	-8508.95	1.034e+04
210	43	1.156e+04	-1778.62	6.33e-03	0.0	0.0	-5965.78	-23.65	-130.87	716.61	-1778.62	1.156e+04
		1.034e+04	-8508.95	5.81e-03	0.0	51.4	-5850.06	-23.65	-130.87	716.61	-8508.95	1.034e+04
210	44	1.156e+04	-1778.62	6.33e-03	0.0	0.0	-5965.78	-23.65	-130.87	716.61	-1778.62	1.156e+04
		1.034e+04	-8508.95	5.81e-03	0.0	51.4	-5850.06	-23.65	-130.87	716.61	-8508.95	1.034e+04

Pilas.	**M3 mx/mn**	**M2 mx/mn**	**D 2 / D 3**	**Q 2 / Q 3**	**N**	**V 2**	**V 3**	**T**
	-1.571e+06	-8.194e+05	-0.70	-1.37e-03	-5.611e+04	-9802.32	-5456.18	-1.999e+05
	1.517e+06	1.041e+06	0.93	1.05e-03	385.04	9413.58	7750.73	1.187e+06

Trave	**Cmb**	**M3 mx/mn**	**M2 mx/mn**	**D 2 / D 3**	**Q 2 / Q 3**	**Pos.**	**N**	**V 2**	**V 3**	**T**	**M 2**	**M 3**
		daN cm	daN cm	cm	daN	cm	daN	daN	daN	daN cm	daN cm	daN cm
3	1	5.140e+05	-353.36	0.04	-1.450e+04	0.0	181.59	7206.33	-3.33	9713.17	-353.36	-1.623e+05
		-1.794e+05	-1609.48	-0.01	0.0	377.8	181.59	-7297.24	-3.33	9713.17	-1609.48	-1.794e+05
3	2	4.075e+05	-40.32	0.03	-1.155e+04	0.0	82.10	5757.13	-5.06	9069.44	-40.32	-1.347e+05
		-1.408e+05	-1951.37	-0.01	0.0	377.8	82.10	-5789.43	-5.06	9069.44	-1951.37	-1.408e+05
3	3	3.871e+05	502.98	0.02	-1.105e+04	0.0	374.31	5446.29	-11.74	7500.04	502.98	-1.200e+05
		-1.491e+05	-3933.25	-0.01	0.0	377.8	374.31	-5600.67	-11.74	7500.04	-3933.25	-1.491e+05
3	4	2.810e+05	1543.28	0.02	-8089.96	0.0	189.76	4003.56	-19.33	5965.72	1543.28	-9.316e+04
		-1.088e+05	-5757.51	-0.01	0.0	377.8	189.76	-4086.39	-19.33	5965.72	-5757.51	-1.088e+05
3	5	3.755e+05	-219.36	0.03	-1.105e+04	0.0	337.46	5283.48	-5.65	7565.23	-219.36	-1.008e+05
		-1.914e+05	-2351.99	-0.01	0.0	377.8	337.46	-5763.48	-5.65	7565.23	-2351.99	-1.914e+05

3	7	3.745e+05	312.07	0.03	-1.062e+04	0.0	98.13	5293.35	-7.99	8496.10	312.07	-1.236e+05
		-1.308e+05	-2708.05	-0.01	0.0	377.8	98.13	-5331.45	-7.99	8496.10	-2708.05	-1.308e+05
3	8	2.904e+05	1460.58	0.02	-8320.40	0.0	149.44	4123.90	-18.18	6276.31	1460.58	-9.569e+04
		-1.094e+05	-5407.02	-0.01	0.0	377.8	149.44	-4196.50	-18.18	6276.31	-5407.02	-1.094e+05
3	9	2.827e+05	662.94	0.02	-8320.40	0.0	183.10	4012.90	-11.43	6300.54	662.94	-8.233e+04
		-1.380e+05	-3655.23	-0.01	0.0	377.8	183.10	-4307.50	-11.43	6300.54	-3655.23	-1.380e+05
3	12	2.764e+05	-1944.47	0.03	-8320.40	0.0	1462.88	4350.01	0.16	1.514e+04	-2004.32	-1.524e+05
		-1.524e+05	-2004.32	0.01	0.0	377.8	1462.88	-3970.38	0.16	1.514e+04	-1944.47	-8.067e+04
3	13	3.139e+05	4565.08	-0.01	-8320.40	0.0	-1416.18	3869.13	-32.35	-2937.84	4565.08	-2.479e+04
		-1.347e+05	-7655.54	-0.04	0.0	377.8	-1416.18	-4451.26	-32.35	-2937.84	-7655.54	-1.347e+05
3	18	2.566e+05	1.726e+04	-9.75e-03	-8320.40	0.0	-893.95	4394.86	-147.86	7.639e+04	1.726e+04	-1.806e+05
		-1.806e+05	-3.860e+04	-0.03	0.0	377.8	-893.95	-3925.54	-147.86	7.639e+04	-3.860e+04	-9.199e+04
3	21	3.275e+05	3.148e+04	0.03	-8320.40	0.0	1063.80	3854.57	125.88	-5.810e+04	-1.608e+04	-8769.67
		-1.242e+05	-1.608e+04	0.02	0.0	377.8	1063.80	-4465.83	125.88	-5.810e+04	3.148e+04	-1.242e+05
3	24	2.570e+05	1.921e+04	0.01	-8320.40	0.0	-769.26	4395.48	-158.52	7.360e+04	1.921e+04	-1.804e+05
		-1.804e+05	-4.067e+04	-0.03	0.0	377.8	-769.26	-3924.92	-158.52	7.360e+04	-4.067e+04	-9.148e+04
3	25	3.252e+05	3.290e+04	0.03	-8320.40	0.0	1087.53	3881.42	133.73	-5.705e+04	-1.762e+04	-1.547e+04
		-1.208e+05	-1.762e+04	0.01	0.0	377.8	1087.53	-4438.98	133.73	-5.705e+04	3.290e+04	-1.208e+05
3	42	2.912e+05	1176.77	0.02	-8320.40	0.0	123.82	4138.37	-15.16	7390.25	1176.77	-9.753e+04
		-1.058e+05	-4549.84	-0.01	0.0	377.8	123.82	-4182.02	-15.16	7390.25	-4549.84	-1.058e+05
3	43	2.912e+05	1176.77	0.02	-8320.40	0.0	123.82	4138.37	-15.16	7390.25	1176.77	-9.753e+04
		-1.058e+05	-4549.84	-0.01	0.0	377.8	123.82	-4182.02	-15.16	7390.25	-4549.84	-1.058e+05
3	44	2.912e+05	1176.77	0.02	-8320.40	0.0	123.82	4138.37	-15.16	7390.25	1176.77	-9.753e+04
		-1.058e+05	-4549.84	-0.01	0.0	377.8	123.82	-4182.02	-15.16	7390.25	-4549.84	-1.058e+05
4	1	4.955e+06	7543.39	-13.75	-3.901e+04	0.0	2.071e+04	1.951e+04	12.65	6724.56	-6940.67	-6.288e+05
		-6.288e+05	-6940.67	-0.03	0.0	1145.0	2.071e+04	-1.951e+04	12.65	6724.56	7543.39	-6.288e+05
4	2	3.546e+06	5422.46	-9.73	-2.917e+04	0.0	1.578e+04	1.459e+04	9.13	4981.01	-5027.85	-6.288e+05
		-6.288e+05	-5027.85	-0.03	0.0	1145.0	1.578e+04	-1.459e+04	9.13	4981.01	5422.46	-6.288e+05
4	3	4.457e+06	7920.66	-12.32	-3.554e+04	0.0	2.585e+04	1.777e+04	13.52	7225.34	-7556.04	-6.288e+05
		-6.288e+05	-7556.04	-0.04	0.0	1145.0	2.585e+04	-1.777e+04	13.52	7225.34	7920.66	-6.288e+05
4	4	3.049e+06	5940.62	-8.30	-2.569e+04	0.0	2.024e+04	1.285e+04	10.18	5568.47	-5714.55	-6.288e+05
		-6.288e+05	-5714.55	-0.03	0.0	1145.0	2.024e+04	-1.285e+04	10.18	5568.47	5940.62	-6.288e+05
4	7	3.513e+06	5407.60	-9.64	-2.894e+04	0.0	1.606e+04	1.447e+04	9.15	5002.06	-5071.00	-6.288e+05
		-6.288e+05	-5071.00	-0.03	0.0	1145.0	1.606e+04	-1.447e+04	9.15	5002.06	5407.60	-6.288e+05
4	8	3.181e+06	5720.87	-8.69	-2.662e+04	0.0	1.882e+04	1.331e+04	9.80	5369.79	-5498.04	-6.288e+05
		-6.288e+05	-5498.04	-0.03	0.0	1145.0	1.882e+04	-1.331e+04	9.80	5369.79	5720.87	-6.288e+05
4	10	3.179e+06	4663.29	-8.66	-2.662e+04	0.0	1.819e+04	1.331e+04	7.78	4417.34	-4247.56	-6.308e+05
		-6.308e+05	-4247.56	0.26	0.0	1145.0	1.819e+04	-1.331e+04	7.78	4417.34	4663.29	-6.306e+05
4	11	3.179e+06	5991.61	-8.71	-2.662e+04	0.0	1.632e+04	1.331e+04	10.45	5499.51	-5969.85	-6.307e+05
		-6.308e+05	-5969.85	-0.29	0.0	1145.0	1.632e+04	-1.331e+04	10.45	5499.51	5991.61	-6.308e+05
4	17	3.179e+06	5935.07	-8.71	-2.662e+04	0.0	1.626e+04	1.331e+04	10.28	5435.10	-5830.73	-6.307e+05
		-6.308e+05	-5830.73	-0.15	0.0	1145.0	1.626e+04	-1.331e+04	10.28	5435.10	5935.07	-6.308e+05
4	24	3.179e+06	5208.07	-8.69	-2.662e+04	0.0	1.632e+04	1.331e+04	9.74	4224.19	-5939.02	-6.307e+05
		-6.307e+05	-5939.02	-0.15	0.0	1145.0	1.632e+04	-1.331e+04	9.74	4224.19	5208.07	-6.307e+05
4	42	3.181e+06	5233.06	-8.69	-2.662e+04	0.0	1.675e+04	1.331e+04	8.97	4925.61	-5035.10	-6.288e+05
		-6.288e+05	-5035.10	-0.03	0.0	1145.0	1.675e+04	-1.331e+04	8.97	4925.61	5233.06	-6.288e+05
4	43	3.181e+06	5233.06	-8.69	-2.662e+04	0.0	1.675e+04	1.331e+04	8.97	4925.61	-5035.10	-6.288e+05
		-6.288e+05	-5035.10	-0.03	0.0	1145.0	1.675e+04	-1.331e+04	8.97	4925.61	5233.06	-6.288e+05
4	44	3.181e+06	5233.06	-8.69	-2.662e+04	0.0	1.675e+04	1.331e+04	8.97	4925.61	-5035.10	-6.288e+05
		-6.288e+05	-5035.10	-0.03	0.0	1145.0	1.675e+04	-1.331e+04	8.97	4925.61	5233.06	-6.288e+05
5	1	4.985e+06	537.49	-13.90	-3.923e+04	0.0	2.058e+04	1.961e+04	0.40	331.11	77.73	-6.288e+05
		-6.288e+05	77.73	-0.03	0.0	1145.0	2.058e+04	-1.961e+04	0.40	331.11	537.49	-6.288e+05
5	2	3.569e+06	478.80	-9.84	-2.933e+04	0.0	1.601e+04	1.467e+04	0.48	328.72	-71.63	-6.288e+05
		-6.288e+05	-71.63	-0.03	0.0	1145.0	1.601e+04	-1.467e+04	0.48	328.72	478.80	-6.288e+05
5	3	4.485e+06	871.89	-12.47	-3.573e+04	0.0	2.502e+04	1.786e+04	0.37	324.70	451.35	-6.288e+05
		-6.288e+05	451.35	-0.04	0.0	1145.0	2.502e+04	-1.786e+04	0.37	324.70	871.89	-6.288e+05
5	7	3.536e+06	522.84	-9.75	-2.910e+04	0.0	1.619e+04	1.455e+04	0.48	327.69	-25.15	-6.288e+05
		-6.288e+05	-25.15	-0.03	0.0	1145.0	1.619e+04	-1.455e+04	0.48	327.69	522.84	-6.288e+05
5	8	3.202e+06	710.41	-8.79	-2.676e+04	0.0	1.869e+04	1.338e+04	0.52	353.55	117.58	-6.288e+05
		-6.288e+05	117.58	-0.03	0.0	1145.0	1.869e+04	-1.338e+04	0.52	353.55	710.41	-6.288e+05
5	10	3.200e+06	3036.20	-8.73	-2.676e+04	0.0	1.692e+04	1.338e+04	-4.48	-1486.96	3036.20	-6.309e+05
		-6.309e+05	-2090.87	0.26	0.0	1145.0	1.692e+04	-1.338e+04	-4.48	-1486.96	-2090.87	-6.306e+05
5	11	3.200e+06	3050.60	-8.84	-2.676e+04	0.0	1.707e+04	1.338e+04	4.73	1852.40	-2369.89	-6.307e+05
		-6.308e+05	-2369.89	-0.29	0.0	1145.0	1.707e+04	-1.338e+04	4.73	1852.40	3050.60	-6.308e+05
5	18	3.200e+06	1348.90	-8.80	-2.676e+04	0.0	1.852e+04	1.338e+04	1.53	431.13	-401.74	-6.307e+05
		-6.307e+05	-401.74	-0.12	0.0	1145.0	1.852e+04	-1.338e+04	1.53	431.13	1348.90	-6.307e+05
5	21	3.200e+06	981.97	-8.77	-2.676e+04	0.0	1.468e+04	1.338e+04	-1.26	97.21	981.97	-6.308e+05
		-6.308e+05	-460.47	0.11	0.0	1145.0	1.468e+04	-1.338e+04	-1.26	97.21	-460.47	-6.307e+05
5	42	3.202e+06	631.17	-8.79	-2.676e+04	0.0	1.663e+04	1.338e+04	0.46	316.37	107.01	-6.288e+05
		-6.288e+05	107.01	-0.03	0.0	1145.0	1.663e+04	-1.338e+04	0.46	316.37	631.17	-6.288e+05
5	43	3.202e+06	631.17	-8.79	-2.676e+04	0.0	1.663e+04	1.338e+04	0.46	316.37	107.01	-6.288e+05
		-6.288e+05	107.01	-0.03	0.0	1145.0	1.663e+04	-1.338e+04	0.46	316.37	631.17	-6.288e+05
5	44	3.202e+06	631.17	-8.79	-2.676e+04	0.0	1.663e+04	1.338e+04	0.46	316.37	107.01	-6.288e+05
		-6.288e+05	107.01	-0.03	0.0	1145.0	1.663e+04	-1.338e+04	0.46	316.37	631.17	-6.288e+05
6	1	2.241e+05	1.522e+04	0.21	-6165.18	0.0	-1580.85	2346.61	67.01	1.446e+04	-1.009e+04	5.545e+04
		-2.226e+05	-1.009e+04	-0.01	0.0	377.8	-1580.85	-3818.57	67.01	1.446e+04	1.522e+04	-2.226e+05
6	6	1.315e+05	9740.12	0.13	-3535.91	0.0	-895.13	1266.55	42.66	1.016e+04	-6377.01	4.603e+04

		-1.434e+05	-6377.01	-0.01	0.0	377.8	-895.13	-2269.36	42.66	1.016e+04	9740.12	-1.434e+05
6	7	1.642e+05	1.102e+04	0.15	-4533.22	0.0	-1135.82	1730.56	48.53	1.121e+04	-7317.92	3.950e+04
		-1.630e+05	-7317.92	-0.01	0.0	377.8	-1135.82	-2802.66	48.53	1.121e+04	1.102e+04	-1.630e+05
6	9	1.339e+05	9679.18	0.13	-3626.58	0.0	-921.42	1322.19	42.54	1.033e+04	-6389.40	4.290e+04
		-1.426e+05	-6389.40	-0.01	0.0	377.8	-921.42	-2304.38	42.54	1.033e+04	9679.18	-1.426e+05
6	17	1.573e+05	1.461e+04	0.12	-3626.58	0.0	-684.07	975.80	59.80	9405.93	-7981.48	1.080e+05
		-2.084e+05	-7981.48	-0.03	0.0	377.8	-684.07	-2650.77	59.80	9405.93	1.461e+04	-2.084e+05
6	21	1.635e+05	4.203e+04	0.16	-3626.58	0.0	-1867.77	1008.94	166.70	-7143.43	-2.095e+04	1.110e+05
		-1.928e+05	-2.095e+04	0.02	0.0	377.8	-1867.77	-2617.63	166.70	-7143.43	4.203e+04	-1.928e+05
6	22	1.148e+05	1.032e+04	0.10	-3626.58	0.0	-207.47	1612.72	-97.22	3.076e+04	1.032e+04	-2.064e+04
		-9.640e+04	-2.640e+04	-0.03	0.0	377.8	-207.47	-2013.85	-97.22	3.076e+04	-2.640e+04	-9.640e+04
6	23	1.567e+05	4.375e+04	0.16	-3626.58	0.0	-1697.39	1095.26	174.77	-8725.49	-2.227e+04	9.432e+04
		-1.769e+05	-2.227e+04	-5.66e-03	0.0	377.8	-1697.39	-2531.31	174.77	-8725.49	4.375e+04	-1.769e+05
6	24	1.131e+05	9560.51	0.09	-3626.58	0.0	-30.45	1673.63	-90.91	2.934e+04	9560.51	-3.238e+04
		-8.514e+04	-2.478e+04	-0.03	0.0	377.8	-30.45	-1952.95	-90.91	2.934e+04	-2.478e+04	-8.514e+04
6	25	1.613e+05	4.213e+04	0.16	-3626.58	0.0	-1874.58	1034.29	168.46	-7305.64	-2.151e+04	1.061e+05
		-1.882e+05	-2.151e+04	0.01	0.0	377.8	-1874.58	-2592.29	168.46	-7305.64	4.213e+04	-1.882e+05
6	42	1.322e+05	9209.54	0.13	-3626.58	0.0	-929.27	1356.84	40.75	1.058e+04	-6183.39	3.636e+04
		-1.361e+05	-6183.39	-0.01	0.0	377.8	-929.27	-2269.74	40.75	1.058e+04	9209.54	-1.361e+05
6	43	1.322e+05	9209.54	0.13	-3626.58	0.0	-929.27	1356.84	40.75	1.058e+04	-6183.39	3.636e+04
		-1.361e+05	-6183.39	-0.01	0.0	377.8	-929.27	-2269.74	40.75	1.058e+04	9209.54	-1.361e+05
6	44	1.322e+05	9209.54	0.13	-3626.58	0.0	-929.27	1356.84	40.75	1.058e+04	-6183.39	3.636e+04
		-1.361e+05	-6183.39	-0.01	0.0	377.8	-929.27	-2269.74	40.75	1.058e+04	9209.54	-1.361e+05
7	1	9.512e+04	1.699e+04	-0.02	-1961.82	0.0	250.28	987.32	-265.14	9.553e+04	1.699e+04	7.028e+04
		7.028e+04	-9519.07	-8.12e-04	0.0	100.0	250.28	-974.50	-265.14	9.553e+04	-9519.07	7.092e+04
7	4	6.235e+04	1.057e+04	-0.01	-1104.89	0.0	153.96	594.81	-167.72	6.157e+04	1.057e+04	4.637e+04
		4.637e+04	-6203.00	-1.76e-03	0.0	100.0	153.96	-510.08	-167.72	6.157e+04	-6203.00	5.060e+04
7	6	6.226e+04	1.021e+04	-0.01	-1104.89	0.0	180.04	667.06	-156.74	6.195e+04	1.021e+04	4.214e+04
		4.214e+04	-5466.37	-2.02e-03	0.0	100.0	180.04	-437.83	-156.74	6.195e+04	-5466.37	5.361e+04
7	7	7.211e+04	1.239e+04	-0.01	-1439.00	0.0	181.49	736.73	-194.89	7.078e+04	1.239e+04	5.326e+04
		5.326e+04	-7098.60	-1.25e-03	0.0	100.0	181.49	-702.27	-194.89	7.078e+04	-7098.60	5.498e+04
7	8	6.335e+04	1.065e+04	-0.01	-1135.27	0.0	155.57	613.88	-168.81	6.249e+04	1.065e+04	4.678e+04
		4.678e+04	-6231.38	-1.81e-03	0.0	100.0	155.57	-521.39	-168.81	6.249e+04	-6231.38	5.140e+04
7	9	6.317e+04	1.045e+04	-0.01	-1135.27	0.0	174.16	661.36	-162.18	6.278e+04	1.045e+04	4.393e+04
		4.393e+04	-5772.51	-1.81e-03	0.0	100.0	174.16	-473.91	-162.18	6.278e+04	-5772.51	5.330e+04
7	10	6.299e+04	1.490e+04	-0.01	-1135.27	0.0	261.17	427.77	-249.81	5.989e+04	1.490e+04	5.493e+04
		4.094e+04	-1.008e+04	8.32e-03	0.0	100.0	261.17	-707.50	-249.81	5.989e+04	-1.008e+04	4.094e+04
7	11	6.746e+04	6702.89	-0.01	-1135.27	0.0	96.97	851.63	-89.37	6.661e+04	6702.89	3.552e+04
		3.552e+04	-2234.17	-0.01	0.0	100.0	96.97	-283.63	-89.37	6.661e+04	-2234.17	6.392e+04
7	16	6.516e+04	1.429e+04	-0.01	-1135.27	0.0	154.59	304.50	-246.69	5.818e+04	1.429e+04	6.110e+04
		3.479e+04	-1.038e+04	4.45e-03	0.0	100.0	154.59	-830.77	-246.69	5.818e+04	-1.038e+04	3.479e+04
7	22	1.120e+05	-2944.05	0.04	-1135.27	0.0	176.28	1062.21	-22.87	3.041e+04	-2944.05	6.232e+04
		6.232e+04	-5231.46	-6.26e-03	0.0	100.0	176.28	-73.05	-22.87	3.041e+04	-5231.46	1.118e+05
7	23	3.134e+04	2.400e+04	-0.06	-1135.27	0.0	160.48	220.44	-312.06	9.496e+04	2.400e+04	2.920e+04
		-5515.82	-7208.27	3.93e-03	0.0	100.0	160.48	-914.82	-312.06	9.496e+04	-7208.27	-5515.82
7	25	2.886e+04	2.435e+04	-0.06	-1135.27	0.0	227.64	278.16	-315.85	9.659e+04	2.435e+04	2.545e+04
		-3495.58	-7239.25	6.31e-03	0.0	100.0	227.64	-857.10	-315.85	9.659e+04	-7239.25	-3495.58
7	42	6.358e+04	1.052e+04	-0.01	-1135.27	0.0	159.03	632.58	-167.08	6.280e+04	1.052e+04	4.596e+04
		4.596e+04	-6187.76	-1.45e-03	0.0	100.0	159.03	-502.69	-167.08	6.280e+04	-6187.76	5.245e+04
7	43	6.358e+04	1.052e+04	-0.01	-1135.27	0.0	159.03	632.58	-167.08	6.280e+04	1.052e+04	4.596e+04
		4.596e+04	-6187.76	-1.45e-03	0.0	100.0	159.03	-502.69	-167.08	6.280e+04	-6187.76	5.245e+04
7	44	6.358e+04	1.052e+04	-0.01	-1135.27	0.0	159.03	632.58	-167.08	6.280e+04	1.052e+04	4.596e+04
		4.596e+04	-6187.76	-1.45e-03	0.0	100.0	159.03	-502.69	-167.08	6.280e+04	-6187.76	5.245e+04
11	3	4.344e+05	1.315e+04	-0.35	-1.151e+04	0.0	-1.683e+04	5301.50	-45.54	-5213.73	1.315e+04	-3.080e+05
		-5.858e+05	-1.462e+04	-0.02	0.0	609.8	-1.261e+04	-6212.57	-45.54	-5213.73	-1.462e+04	-5.858e+05
11	4	3.407e+05	1.016e+04	-0.26	-9238.38	0.0	-1.392e+04	3918.44	-34.93	-3762.88	1.016e+04	-1.656e+05
		-5.929e+05	-1.114e+04	-0.01	0.0	609.8	-1.053e+04	-5319.94	-34.93	-3762.88	-1.114e+04	-5.929e+05
11	6	2.950e+05	9216.67	-0.23	-7585.62	0.0	-1.174e+04	3098.93	-32.08	-3341.51	9216.67	-8.908e+04
		-5.122e+05	-1.035e+04	-0.02	0.0	609.8	-8956.49	-4486.69	-32.08	-3341.51	-1.035e+04	-5.122e+05
11	8	3.281e+05	9843.74	-0.25	-8687.46	0.0	-1.322e+04	3622.77	-34.00	-3430.99	9843.74	-1.314e+05
		-5.710e+05	-1.089e+04	-0.02	0.0	609.8	-1.004e+04	-5064.69	-34.00	-3430.99	-1.089e+04	-5.710e+05
11	9	2.950e+05	9288.25	-0.23	-7585.62	0.0	-1.177e+04	3098.59	-32.31	-3273.58	9288.25	-8.894e+04
		-5.123e+05	-1.041e+04	-0.02	0.0	609.8	-8988.88	-4487.03	-32.31	-3273.58	-1.041e+04	-5.123e+05
11	10	1.167e+05	1.314e+04	-0.03	-7585.62	0.0	-1.226e+04	3681.14	-41.27	-4168.89	1.314e+04	-4.275e+05
		-4.956e+05	-1.203e+04	0.12	0.0	609.8	-9481.18	-3904.48	-41.27	-4168.89	-1.203e+04	-4.956e+05
11	11	4.801e+05	6021.28	-0.41	-7585.62	0.0	-1.123e+04	2622.64	-25.00	-2969.05	6021.28	2.056e+05
		-5.080e+05	-9225.54	-0.14	0.0	609.8	-8447.34	-4962.98	-25.00	-2969.05	-9225.54	-5.080e+05
11	21	2.507e+05	1.826e+04	-0.18	-7585.62	0.0	-1.214e+04	3242.24	-55.39	2353.40	1.826e+04	-1.716e+05
		-5.073e+05	-1.551e+04	0.04	0.0	609.8	-9358.04	-4343.39	-55.39	2353.40	-1.551e+04	-5.073e+05
11	24	3.374e+05	1022.96	-0.27	-7585.62	0.0	-1.140e+04	2972.51	-10.93	-8478.96	1022.96	-1.707e+04
		-5.173e+05	-5644.80	-0.07	0.0	609.8	-8616.16	-4613.11	-10.93	-8478.96	-5644.80	-5.173e+05
11	42	2.951e+05	9323.18	-0.23	-7585.62	0.0	-1.177e+04	3098.49	-32.39	-3250.00	9323.18	-8.885e+04
		-5.123e+05	-1.043e+04	-0.02	0.0	609.8	-8989.35	-4487.14	-32.39	-3250.00	-1.043e+04	-5.123e+05
11	43	2.951e+05	9323.18	-0.23	-7585.62	0.0	-1.177e+04	3098.49	-32.39	-3250.00	9323.18	-8.885e+04
		-5.123e+05	-1.043e+04	-0.02	0.0	609.8	-8989.35	-4487.14	-32.39	-3250.00	-1.043e+04	-5.123e+05
11	44	2.951e+05	9323.18	-0.23	-7585.62	0.0	-1.177e+04	3098.49	-32.39	-3250.00	9323.18	-8.885e+04
		-5.123e+05	-1.043e+04	-0.02	0.0	609.8	-8989.35	-4487.14	-32.39	-3250.00	-1.043e+04	-5.123e+05

12	3	5.063e+05	1.336e+04	-0.26	-1.151e+04	0.0	-1.233e+04	6441.83	45.42	4155.03	-1.434e+04	-5.926e+05	
		-5.926e+05	-1.434e+04	-0.02	0.0	609.8	-1.656e+04	-5072.24	45.42	4155.03	1.336e+04	-1.750e+05	
12	4	4.003e+05	1.031e+04	-0.19	-9238.38	0.0	-1.031e+04	5505.77	34.83	3015.87	-1.093e+04	-5.978e+05	
		-5.978e+05	-1.093e+04	-0.01	0.0	609.8	-1.370e+04	-3732.61	34.83	3015.87	1.031e+04	-5.718e+04	
12	6	3.462e+05	9538.97	-0.16	-7585.63	0.0	-8783.62	4623.53	32.41	2796.92	-1.023e+04	-5.124e+05	
		-5.124e+05	-1.023e+04	-0.02	0.0	609.8	-1.157e+04	-2962.09	32.41	2796.92	9538.97	-5861.91	
12	8	3.801e+05	1.013e+04	-0.18	-8687.46	0.0	-9850.92	5212.47	34.24	2881.54	-1.075e+04	-5.718e+05	
		-5.718e+05	-1.075e+04	-0.01	0.0	609.8	-1.304e+04	-3474.99	34.24	2881.54	1.013e+04	-4.206e+04	
12	9	3.467e+05	9600.83	-0.16	-7585.63	0.0	-8814.10	4624.84	32.62	2731.83	-1.029e+04	-5.125e+05	
		-5.125e+05	-1.029e+04	-0.02	0.0	609.8	-1.160e+04	-2960.79	32.62	2731.83	9600.83	-5095.39	
12	10	5.316e+05	7594.98	-0.26	-7585.63	0.0	-8005.35	5075.52	28.55	1095.85	-9817.64	-5.031e+05	
		-5.031e+05	-9817.64	0.14	0.0	609.8	-1.079e+04	-2510.11	28.55	1095.85	7594.98	2.791e+05	
12	11	1.670e+05	1.154e+04	-0.05	-7585.63	0.0	-9475.64	4089.99	36.83	4420.16	-1.092e+04	-5.041e+05	
		-5.041e+05	-1.092e+04	-0.15	0.0	609.8	-1.226e+04	-3495.64	36.83	4420.16	1.154e+04	-3.229e+05	
12	19	3.760e+05	1.587e+04	-0.18	-7585.63	0.0	-8775.71	4693.13	49.60	-2493.79	-1.438e+04	-5.092e+05	
		-5.092e+05	-1.438e+04	0.04	0.0	609.8	-1.156e+04	-2892.50	49.60	-2493.79	1.587e+04	3.983e+04	
12	21	3.906e+05	1.567e+04	-0.19	-7585.63	0.0	-8713.14	4731.62	49.33	-2672.30	-1.441e+04	-5.092e+05	
		-5.092e+05	-1.441e+04	0.07	0.0	609.8	-1.150e+04	-2854.01	49.33	-2672.30	1.567e+04	6.325e+04	
12	24	3.093e+05	3773.15	-0.14	-7585.63	0.0	-8840.99	4536.23	16.59	7764.52	-6345.46	-5.161e+05	
		-5.161e+05	-6345.46	-0.08	0.0	609.8	-1.162e+04	-3049.40	16.59	7764.52	3773.15	-6.275e+04	
12	42	3.466e+05	9608.13	-0.16	-7585.63	0.0	-8813.73	4624.65	32.65	2723.47	-1.030e+04	-5.125e+05	
		-5.125e+05	-1.030e+04	-0.01	0.0	609.8	-1.160e+04	-2960.97	32.65	2723.47	9608.13	-5214.07	
12	43	3.466e+05	9608.13	-0.16	-7585.63	0.0	-8813.73	4624.65	32.65	2723.47	-1.030e+04	-5.125e+05	
		-5.125e+05	-1.030e+04	-0.01	0.0	609.8	-1.160e+04	-2960.97	32.65	2723.47	9608.13	-5214.07	
12	44	3.466e+05	9608.13	-0.16	-7585.63	0.0	-8813.73	4624.65	32.65	2723.47	-1.030e+04	-5.125e+05	
		-5.125e+05	-1.030e+04	-0.01	0.0	609.8	-1.160e+04	-2960.97	32.65	2723.47	9608.13	-5214.07	
14	1	2.471e+06	1433.31	-1.92	-2.419e+04	0.0	2.516e+04	1.209e+04	-0.98	-975.30	1433.31	-9.904e+05	
		-9.904e+05	306.30	-0.03	0.0	1145.0	2.516e+04	-1.209e+04	-0.98	-975.30	306.30	-9.904e+05	
14	3	2.219e+06	2346.50	-1.71	-2.242e+04	0.0	2.757e+04	1.121e+04	-1.15	-1090.65	2346.50	-9.904e+05	
		-9.904e+05	1028.48	-0.04	0.0	1145.0	2.757e+04	-1.121e+04	-1.15	-1090.65	1028.48	-9.904e+05	
14	4	1.360e+06	1742.39	-0.98	-1.642e+04	0.0	2.240e+04	8209.65	-0.80	-772.55	1742.39	-9.904e+05	
		-9.904e+05	824.16	-0.03	0.0	1145.0	2.240e+04	-8209.65	-0.80	-772.55	824.16	-9.904e+05	
14	6	1.360e+06	1221.48	-0.98	-1.642e+04	0.0	1.887e+04	8209.65	-0.34	-593.94	1221.48	-9.904e+05	
		-9.904e+05	830.56	-0.03	0.0	1145.0	1.887e+04	-8209.65	-0.34	-593.94	830.56	-9.904e+05	
14	7	1.595e+06	944.86	-1.18	-1.806e+04	0.0	1.959e+04	9031.19	-0.36	-576.71	944.86	-9.904e+05	
		-9.904e+05	531.46	-0.03	0.0	1145.0	1.959e+04	-9031.19	-0.36	-576.71	531.46	-9.904e+05	
14	8	1.427e+06	1352.95	-1.04	-1.689e+04	0.0	2.131e+04	8444.37	-0.38	-595.68	1352.95	-9.904e+05	
		-9.904e+05	914.60	-0.03	0.0	1145.0	2.131e+04	-8444.38	-0.38	-595.68	914.60	-9.904e+05	
14	9	1.427e+06	1190.49	-1.04	-1.689e+04	0.0	1.897e+04	8444.38	-0.35	-590.13	1190.49	-9.904e+05	
		-9.904e+05	792.46	-0.03	0.0	1145.0	1.897e+04	-8444.37	-0.35	-590.13	792.46	-9.904e+05	
14	10	1.544e+06	6880.77	-1.08	-1.689e+04	0.0	1.883e+04	8649.41	-10.19	-2347.26	6880.77	-9.909e+05	
		-9.909e+05	-4788.88	0.26	0.0	1145.0	1.883e+04	-8239.34	-10.19	-2347.26	-4788.88	-7.562e+05	
14	24	1.427e+06	2960.97	-1.05	-1.689e+04	0.0	1.856e+04	8444.34	1.99	-1032.15	685.12	-9.905e+05	
		-9.905e+05	685.12	-0.15	0.0	1145.0	1.856e+04	-8444.41	1.99	-1032.15	2960.97	-9.905e+05	
14	25	1.427e+06	1727.98	-1.02	-1.689e+04	0.0	1.938e+04	8444.54	-2.73	-109.79	1727.98	-9.906e+05	
		-9.906e+05	-1403.49	0.09	0.0	1145.0	1.938e+04	-8444.21	-2.73	-109.79	-1403.49	-9.904e+05	
14	42	1.427e+06	1193.20	-1.04	-1.689e+04	0.0	1.897e+04	8444.38	-0.36	-571.76	1193.20	-9.904e+05	
		-9.904e+05	784.59	-0.03	0.0	1145.0	1.897e+04	-8444.37	-0.36	-571.76	784.59	-9.904e+05	
14	43	1.427e+06	1193.20	-1.04	-1.689e+04	0.0	1.897e+04	8444.38	-0.36	-571.76	1193.20	-9.904e+05	
		-9.904e+05	784.59	-0.03	0.0	1145.0	1.897e+04	-8444.37	-0.36	-571.76	784.59	-9.904e+05	
14	44	1.427e+06	1193.20	-1.04	-1.689e+04	0.0	1.897e+04	8444.38	-0.36	-571.76	1193.20	-9.904e+05	
		-9.904e+05	784.59	-0.03	0.0	1145.0	1.897e+04	-8444.37	-0.36	-571.76	784.59	-9.904e+05	
16	1	2.752e+05	3110.97	-0.24	-1184.55	0.0	-154.56	2416.86	-2.38	-2.397e+04	3110.97	-2.789e+05	
		-2.789e+05	2386.88	-7.72e-03	0.0	303.7	-154.56	1232.31	-2.38	-2.397e+04	2386.88	2.752e+05	
16	4	1.816e+05	1933.06	-0.16	-911.19	0.0	-108.68	1669.87	-1.18	-1.494e+04	1933.06	-1.873e+05	
		-1.873e+05	1575.23	-8.83e-03	0.0	303.7	-108.68	758.67	-1.18	-1.494e+04	1575.23	1.816e+05	
16	6	1.696e+05	1704.37	-0.15	-911.19	0.0	-101.51	1587.29	0.40	-1.540e+04	1582.57	-1.742e+05	
		-1.742e+05	1582.57	-9.33e-03	0.0	303.7	-101.51	676.09	0.40	-1.540e+04	1704.37	1.696e+05	
16	7	2.057e+05	2237.21	-0.18	-911.19	0.0	-118.26	1822.09	-1.52	-1.751e+04	2237.21	-2.093e+05	
		-2.093e+05	1776.21	-7.73e-03	0.0	303.7	-118.26	910.90	-1.52	-1.751e+04	1776.21	2.057e+05	
16	8	1.829e+05	1907.52	-0.16	-911.19	0.0	-109.90	1678.21	-1.02	-1.522e+04	1907.52	-1.884e+05	
		-1.884e+05	1597.90	-8.99e-03	0.0	303.7	-109.90	767.01	-1.02	-1.522e+04	1597.90	1.829e+05	
16	9	1.751e+05	1710.67	-0.15	-911.19	0.0	-105.06	1623.98	-0.15	-1.552e+04	1710.67	-1.798e+05	
		-1.798e+05	1664.51	-8.80e-03	0.0	303.7	-105.06	712.79	-0.15	-1.552e+04	1664.51	1.751e+05	
16	16	2.274e+05	1433.42	-0.13	-911.19	0.0	-86.93	1989.46	0.68	-1.144e+04	1225.51	-2.385e+05	
		-2.385e+05	1225.51	9.56e-03	0.0	303.7	-86.93	1078.26	0.68	-1.144e+04	1433.42	2.274e+05	
16	17	1.312e+05	2328.01	-0.19	-911.19	0.0	-126.45	1315.94	-1.33	-2.006e+04	2328.01	-1.301e+05	
		-1.301e+05	1923.05	-0.03	0.0	303.7	-126.45	404.75	-1.33	-2.006e+04	1923.05	1.312e+05	
16	22	1.289e+05	2541.57	-0.10	-911.19	0.0	-103.22	1362.55	-12.01	3924.50	2541.57	-1.466e+05	
		-1.466e+05	-1107.26	-0.02	0.0	303.7	-103.22	451.35	-12.01	3924.50	-1107.26	1.289e+05	
16	23	2.301e+05	4080.75	-0.22	-911.19	0.0	-115.73	1948.12	8.95	-3.428e+04	1362.98	-2.232e+05	
		-2.232e+05	1362.98	7.73e-03	0.0	303.7	-115.73	1036.93	8.95	-3.428e+04	4080.75	2.301e+05	
16	42	1.806e+05	1885.15	-0.16	-911.19	0.0	-110.52	1662.81	-1.15	-1.531e+04	1885.15	-1.860e+05	
		-1.860e+05	1534.83	-7.81e-03	0.0	303.7	-110.52	751.62	-1.15	-1.531e+04	1534.83	1.806e+05	
16	43	1.806e+05	1885.15	-0.16	-911.19	0.0	-110.52	1662.81	-1.15	-1.531e+04	1885.15	-1.860e+05	
		-1.860e+05	1534.83	-7.81e-03	0.0	303.7	-110.52	751.62	-1.15	-1.531e+04	1534.83	1.806e+05	
16	44	1.806e+05	1885.15	-0.16	-911.19	0.0	-110.52	1662.81	-1.15	-1.531e+04	1885.15	-1.860e+05	

		-1.860e+05	1534.83	-7.81e-03	0.0	303.7	-110.52	751.62	-1.15	-1.531e+04	1534.83	1.806e+05
19	1	2.488e+05	-4050.18	-0.05	-8579.72	0.0	-481.69	4250.78	25.65	-5.930e+04	-1.184e+04	-7.103e+04
		-8.289e+04	-1.184e+04	-7.69e-03	0.0	303.7	-481.69	-4328.94	25.65	-5.930e+04	-4050.18	-8.289e+04
19	4	1.539e+05	-320.29	-0.03	-5104.24	0.0	-540.84	2627.15	26.86	-3.442e+04	-8478.46	-5.131e+04
		-5.131e+04	-8478.46	-8.86e-03	0.0	303.7	-540.84	-2477.09	26.86	-3.442e+04	-320.29	-2.852e+04
19	5	2.146e+05	-2780.89	-0.04	-6893.99	0.0	-444.71	3493.89	21.35	-4.692e+04	-9265.84	-5.429e+04
		-5.429e+04	-9265.84	-8.46e-03	0.0	303.7	-444.71	-3400.11	21.35	-4.692e+04	-2780.89	-4.005e+04
19	7	1.831e+05	-1681.44	-0.04	-6340.44	0.0	-490.42	3145.89	24.53	-4.446e+04	-9131.90	-5.393e+04
		-6.132e+04	-9131.90	-7.73e-03	0.0	303.7	-490.42	-3194.56	24.53	-4.446e+04	-1681.44	-6.132e+04
19	8	1.562e+05	-371.83	-0.03	-5216.62	0.0	-537.82	2664.62	26.72	-3.567e+04	-8487.89	-5.036e+04
		-5.036e+04	-8487.89	-9.02e-03	0.0	303.7	-537.82	-2552.00	26.72	-3.567e+04	-371.83	-3.325e+04
19	9	1.603e+05	-1138.93	-0.03	-5216.62	0.0	-469.67	2642.17	20.74	-3.651e+04	-7438.65	-4.290e+04
		-4.290e+04	-7438.65	-8.79e-03	0.0	303.7	-469.67	-2574.45	20.74	-3.651e+04	-1138.93	-3.262e+04
19	16	1.573e+05	-3275.65	-0.02	-5216.62	0.0	-121.83	3067.46	1.93	-3.278e+04	-3861.11	-1.161e+05
		-1.161e+05	-3861.11	9.56e-03	0.0	303.7	-121.83	-2149.17	1.93	-3.278e+04	-3275.65	2.331e+04
19	21	1.942e+05	-5340.20	-0.04	-5216.62	0.0	965.39	2726.26	-26.61	866.34	-5340.20	-2.178e+04
		-2.178e+04	-1.342e+04	0.02	0.0	303.7	965.39	-2490.36	-26.61	866.34	-1.342e+04	1.405e+04
19	22	1.195e+05	1.133e+04	-0.02	-5216.62	0.0	-2011.54	2499.91	67.67	-6.924e+04	-9219.56	-6.214e+04
		-9.506e+04	-9219.56	-0.02	0.0	303.7	-2011.54	-2716.71	67.67	-6.924e+04	1.133e+04	-9.506e+04
19	23	1.900e+05	-6964.10	-0.04	-5216.62	0.0	1075.31	2768.00	-18.86	-4236.84	-6964.10	-3.235e+04
		-3.235e+04	-1.269e+04	8.28e-03	0.0	303.7	1075.31	-2448.62	-18.86	-4236.84	-1.269e+04	1.615e+04
19	24	1.176e+05	1.323e+04	-0.02	-5216.62	0.0	-1912.19	2539.77	79.12	-7.073e+04	-1.080e+04	-7.004e+04
		-9.086e+04	-1.080e+04	-0.03	0.0	303.7	-1912.19	-2676.85	79.12	-7.073e+04	1.323e+04	-9.086e+04
19	25	1.918e+05	-5383.44	-0.04	-5216.62	0.0	976.82	2728.11	-30.32	-2741.35	-5383.44	-2.444e+04
		-2.444e+04	-1.459e+04	0.02	0.0	303.7	976.82	-2488.51	-30.32	-2741.35	-1.459e+04	1.195e+04
19	42	1.549e+05	-410.99	-0.03	-5216.62	0.0	-507.09	2638.43	25.87	-3.683e+04	-8269.12	-4.769e+04
		-4.769e+04	-8269.12	-7.83e-03	0.0	303.7	-507.09	-2578.20	25.87	-3.683e+04	-410.99	-3.854e+04
19	43	1.549e+05	-410.99	-0.03	-5216.62	0.0	-507.09	2638.43	25.87	-3.683e+04	-8269.12	-4.769e+04
		-4.769e+04	-8269.12	-7.83e-03	0.0	303.7	-507.09	-2578.20	25.87	-3.683e+04	-410.99	-3.854e+04
19	44	1.549e+05	-410.99	-0.03	-5216.62	0.0	-507.09	2638.43	25.87	-3.683e+04	-8269.12	-4.769e+04
		-4.769e+04	-8269.12	-7.83e-03	0.0	303.7	-507.09	-2578.20	25.87	-3.683e+04	-410.99	-3.854e+04
24	1	2.844e+05	5689.86	0.28	-1.346e+04	0.0	8591.58	6398.24	-22.95	-7994.50	5689.86	-6.064e+05
		-8.022e+05	-7791.23	7.15e-03	0.0	587.5	8591.58	-7064.79	-22.95	-7994.50	-7791.23	-8.022e+05
24	2	2.348e+05	3206.65	0.22	-1.068e+04	0.0	7544.28	5093.48	-15.31	-6809.02	3206.65	-4.768e+05
		-6.228e+05	-5787.83	5.61e-03	0.0	587.5	7544.28	-5590.57	-15.31	-6809.02	-5787.83	-6.228e+05
24	3	1.510e+05	8187.05	0.31	-1.056e+04	0.0	9917.10	4830.67	-27.39	-7971.56	8187.05	-4.970e+05
		-7.601e+05	-7901.99	7.62e-03	0.0	587.5	9917.10	-5726.24	-27.39	-7971.56	-7901.99	-7.601e+05
24	7	2.021e+05	3545.47	0.22	-9909.08	0.0	7732.06	4687.02	-15.86	-6722.58	3545.47	-4.470e+05
		-6.042e+05	-5773.34	5.43e-03	0.0	587.5	7732.06	-5222.06	-15.86	-6722.58	-5773.34	-6.042e+05
24	8	1.144e+05	3789.87	0.24	-7971.66	0.0	8795.47	3641.21	-16.49	-6609.15	3789.87	-3.733e+05
		-5.758e+05	-5895.45	4.92e-03	0.0	587.5	8795.47	-4330.45	-16.49	-6609.15	-5895.45	-5.758e+05
24	11	1.680e+05	1.124e+04	0.19	-7971.66	0.0	6864.27	3597.85	-30.84	-2.853e+04	1.124e+04	-3.086e+05
		-5.365e+05	-6878.14	-0.06	0.0	587.5	6864.27	-4373.81	-30.84	-2.853e+04	-6878.14	-5.365e+05
24	12	8.796e+04	6951.48	0.24	-7971.66	0.0	9843.24	3763.23	-23.54	7808.90	6951.48	-4.321e+05
		-5.628e+05	-6875.90	0.05	0.0	587.5	9843.24	-4208.43	-23.54	7808.90	-6875.90	-5.628e+05
24	13	1.705e+05	-1224.56	0.20	-7971.66	0.0	6671.76	3587.79	-6.63	-1.960e+04	-1224.56	-3.035e+05
		-5.374e+05	-5121.59	-0.04	0.0	587.5	6671.76	-4383.87	-6.63	-1.960e+04	-5121.59	-5.374e+05
24	21	1.043e+05	-1569.52	0.27	-7971.66	0.0	8158.37	3519.80	-12.82	2.692e+04	-1569.52	-3.522e+05
		-6.260e+05	-9103.01	0.07	0.0	587.5	8158.37	-4451.86	-12.82	2.692e+04	-9103.01	-6.260e+05
24	25	1.063e+05	7445.75	0.27	-7971.66	0.0	8087.58	3529.18	-32.28	2.335e+04	7445.75	-3.526e+05
		-6.209e+05	-1.152e+04	0.06	0.0	587.5	8087.58	-4442.49	-32.28	2.335e+04	-1.152e+04	-6.209e+05
24	42	1.269e+05	4168.30	0.22	-7971.66	0.0	8141.22	3681.87	-16.71	-6396.98	4168.30	-3.713e+05
		-5.499e+05	-5648.59	4.98e-03	0.0	587.5	8141.22	-4289.79	-16.71	-6396.98	-5648.59	-5.499e+05
24	43	1.269e+05	4168.30	0.22	-7971.66	0.0	8141.22	3681.87	-16.71	-6396.98	4168.30	-3.713e+05
		-5.499e+05	-5648.59	4.98e-03	0.0	587.5	8141.22	-4289.79	-16.71	-6396.98	-5648.59	-5.499e+05
24	44	1.269e+05	4168.30	0.22	-7971.66	0.0	8141.22	3681.87	-16.71	-6396.98	4168.30	-3.713e+05
		-5.499e+05	-5648.59	4.98e-03	0.0	587.5	8141.22	-4289.79	-16.71	-6396.98	-5648.59	-5.499e+05
25	2	0.0	8708.42	8.15e-03	-494.66	0.0	-337.43	494.66	-52.81	0.0	8708.42	-4.078e+04
		-4.078e+04	0.0	4.02e-03	0.0	164.9	-337.43	1.07e-05	-52.81	0.0	0.0	0.0
25	3	0.0	2.003e+04	5.00e-03	-643.06	0.0	-437.62	643.06	-121.49	0.0	2.003e+04	-5.302e+04
		-5.302e+04	0.0	5.25e-03	0.0	164.9	-437.62	1.40e-05	-121.49	0.0	0.0	0.0
25	4	0.0	1.119e+04	6.96e-03	-494.66	0.0	-409.27	494.66	-67.88	0.0	1.119e+04	-4.078e+04
		-4.078e+04	0.0	4.61e-03	0.0	164.9	-409.27	1.07e-05	-67.88	0.0	0.0	0.0
25	7	0.0	9685.55	7.46e-03	-494.66	0.0	-346.25	494.66	-58.74	0.0	9685.55	-4.078e+04
		-4.078e+04	0.0	4.03e-03	0.0	164.9	-346.25	1.07e-05	-58.74	0.0	0.0	0.0
25	8	0.0	1.119e+04	7.42e-03	-494.66	0.0	-396.27	494.66	-67.86	0.0	1.119e+04	-4.078e+04
		-4.078e+04	0.0	4.21e-03	0.0	164.9	-396.27	1.07e-05	-67.86	0.0	0.0	0.0
25	10	0.0	0.0	-0.06	-494.66	0.0	-431.02	494.66	48.34	0.0	-7970.16	-4.078e+04
		-4.078e+04	-7970.16	0.02	0.0	164.9	-431.02	1.07e-05	48.34	0.0	0.0	0.0
25	18	0.0	2.697e+04	0.22	-494.66	0.0	-401.50	494.66	-163.56	0.0	2.697e+04	-4.078e+04
		-4.078e+04	0.0	-9.41e-03	0.0	164.9	-401.50	1.07e-05	-163.56	0.0	0.0	0.0
25	21	0.0	0.0	-0.23	-494.66	0.0	-325.77	494.66	31.21	0.0	-5146.69	-4.078e+04
		-4.078e+04	-5146.69	0.02	0.0	164.9	-325.77	1.07e-05	31.21	0.0	0.0	0.0
25	22	0.0	1.657e+04	0.21	-494.66	0.0	-425.39	494.66	-100.51	0.0	1.657e+04	-4.078e+04
		-4.078e+04	0.0	-5.77e-03	0.0	164.9	-425.39	1.07e-05	-100.51	0.0	0.0	0.0
25	24	0.0	1.249e+04	0.22	-494.66	0.0	-432.17	494.66	-75.77	0.0	1.249e+04	-4.078e+04
		-4.078e+04	0.0	-0.01	0.0	164.9	-432.17	1.07e-05	-75.77	0.0	0.0	0.0

25	25	0.0	1.303e+04	-0.21	-494.66	0.0	-296.49	494.66	-79.05	0.0	1.303e+04	-4.078e+04
		-4.078e+04	0.0	0.02	0.0	164.9	-296.49	1.07e-05	-79.05	0.0	0.0	0.0
25	42	0.0	1.166e+04	5.24e-03	-494.66	0.0	-365.81	494.66	-70.71	0.0	1.166e+04	-4.078e+04
		-4.078e+04	0.0	4.03e-03	0.0	164.9	-365.81	1.07e-05	-70.71	0.0	0.0	0.0
25	43	0.0	1.166e+04	5.24e-03	-494.66	0.0	-365.81	494.66	-70.71	0.0	1.166e+04	-4.078e+04
		-4.078e+04	0.0	4.03e-03	0.0	164.9	-365.81	1.07e-05	-70.71	0.0	0.0	0.0
25	44	0.0	1.166e+04	5.24e-03	-494.66	0.0	-365.81	494.66	-70.71	0.0	1.166e+04	-4.078e+04
		-4.078e+04	0.0	4.03e-03	0.0	164.9	-365.81	1.07e-05	-70.71	0.0	0.0	0.0
26	1	2.391e+05	6389.26	0.19	-1443.03	0.0	908.73	-979.74	55.69	-1.169e+04	-1.422e+04	2.391e+05
		-3.904e+05	-1.422e+04	-0.01	0.0	370.0	908.73	-2422.76	55.69	-1.169e+04	6389.26	-3.904e+05
26	2	1.842e+05	4180.80	0.14	-1110.02	0.0	789.40	-754.00	34.08	-8736.21	-8428.16	1.842e+05
		-3.002e+05	-8428.16	-0.01	0.0	370.0	789.40	-1864.02	34.08	-8736.21	4180.80	-3.002e+05
26	7	1.741e+05	3898.72	0.14	-1110.02	0.0	783.16	-692.87	30.51	-7677.05	-7391.41	1.741e+05
		-2.876e+05	-7391.41	-0.01	0.0	370.0	783.16	-1802.89	30.51	-7677.05	3898.72	-2.876e+05
26	8	1.516e+05	3478.37	0.12	-1110.02	0.0	817.28	-554.31	23.21	-5207.03	-5109.44	1.516e+05
		-2.589e+05	-5109.44	-0.01	0.0	370.0	817.28	-1664.33	23.21	-5207.03	3478.37	-2.589e+05
26	13	1.731e+05	9923.31	0.13	-1110.02	0.0	658.92	-640.35	73.10	-3.044e+04	-1.712e+04	1.731e+05
		-2.692e+05	-1.712e+04	-0.04	0.0	370.0	658.92	-1750.37	73.10	-3.044e+04	9923.31	-2.692e+05
26	18	2.694e+04	6331.72	0.13	-1110.02	0.0	2476.36	1444.46	13.56	-4752.02	1314.35	-3.022e+05
		-3.022e+05	1314.35	-0.04	0.0	370.0	2476.36	334.44	13.56	-4752.02	6331.72	2.694e+04
26	19	5.898e+05	-746.40	0.11	-1110.02	0.0	-949.76	-2472.84	23.96	-5273.64	-9610.78	5.898e+05
		-5.305e+05	-9610.78	0.02	0.0	370.0	-949.76	-3582.86	23.96	-5273.64	-746.40	-5.305e+05
26	21	5.918e+05	-372.35	0.11	-1110.02	0.0	-825.68	-2485.16	27.93	-6764.14	-1.070e+04	5.918e+05
		-5.331e+05	-1.070e+04	0.03	0.0	370.0	-825.68	-3595.18	27.93	-6764.14	-372.35	-5.331e+05
26	42	1.460e+05	3182.14	0.12	-1110.02	0.0	774.75	-525.55	21.48	-5105.09	-4764.88	1.460e+05
		-2.538e+05	-4764.88	-0.01	0.0	370.0	774.75	-1635.57	21.48	-5105.09	3182.14	-2.538e+05
26	43	1.460e+05	3182.14	0.12	-1110.02	0.0	774.75	-525.55	21.48	-5105.09	-4764.88	1.460e+05
		-2.538e+05	-4764.88	-0.01	0.0	370.0	774.75	-1635.57	21.48	-5105.09	3182.14	-2.538e+05
26	44	1.460e+05	3182.14	0.12	-1110.02	0.0	774.75	-525.55	21.48	-5105.09	-4764.88	1.460e+05
		-2.538e+05	-4764.88	-0.01	0.0	370.0	774.75	-1635.57	21.48	-5105.09	3182.14	-2.538e+05
28	1	6.938e+05	2650.06	-0.36	-1.730e+04	0.0	-7031.71	8639.96	-8.75	7162.59	2650.06	-6.215e+05
		-6.288e+05	-2687.46	-0.04	0.0	609.8	-1.338e+04	-8663.86	-8.75	7162.59	-2687.46	-6.288e+05
28	2	4.841e+05	2274.15	-0.23	-1.331e+04	0.0	-5516.22	6840.93	-7.61	5229.65	2274.15	-5.871e+05
		-5.871e+05	-2364.56	-0.03	0.0	609.8	-1.040e+04	-6469.70	-7.61	5229.65	-2364.56	-4.739e+05
28	3	9.390e+05	2387.92	-0.54	-2.057e+04	0.0	-8475.16	1.028e+04	-7.95	7297.60	2387.92	-6.288e+05
		-6.288e+05	-2457.84	-0.04	0.0	609.8	-1.602e+04	-1.028e+04	-7.95	7297.60	-2457.84	-6.288e+05
28	7	4.857e+05	2171.72	-0.23	-1.331e+04	0.0	-5569.76	6850.05	-7.28	5167.21	2171.72	-5.883e+05
		-5.883e+05	-2266.38	-0.03	0.0	609.8	-1.045e+04	-6460.58	-7.28	5167.21	-2266.38	-4.695e+05
28	8	5.780e+05	1983.49	-0.28	-1.549e+04	0.0	-6357.01	7773.71	-6.70	5356.27	1983.49	-6.117e+05
		-6.117e+05	-2102.08	-0.03	0.0	609.8	-1.204e+04	-7713.71	-6.70	5356.27	-2102.08	-5.934e+05
28	10	6.096e+05	824.56	-0.32	-1.331e+04	0.0	-6011.54	7339.54	-3.10	4200.41	824.56	-6.238e+05
		-6.238e+05	-1066.36	0.12	0.0	609.8	-1.089e+04	-5971.08	-3.10	4200.41	-1066.36	-2.066e+05
28	11	3.936e+05	2774.21	-0.15	-1.331e+04	0.0	-5734.24	6629.60	-8.95	5649.87	2774.21	-6.132e+05
		-6.289e+05	-2682.49	-0.17	0.0	609.8	-1.062e+04	-6681.03	-8.95	5649.87	-2682.49	-6.289e+05
28	17	3.971e+05	2259.84	-0.16	-1.331e+04	0.0	-5651.16	6618.01	-7.40	5510.88	2259.84	-6.061e+05
		-6.289e+05	-2252.30	-0.10	0.0	609.8	-1.053e+04	-6692.61	-7.40	5510.88	-2252.30	-6.289e+05
28	21	4.947e+05	3513.43	-0.23	-1.331e+04	0.0	-5668.72	6904.19	-10.67	5003.31	3513.43	-5.958e+05
		-5.958e+05	-2994.75	0.05	0.0	609.8	-1.055e+04	-6406.44	-10.67	5003.31	-2994.75	-4.440e+05
28	42	4.866e+05	1906.34	-0.23	-1.331e+04	0.0	-5722.81	6880.25	-6.42	4890.38	1906.34	-5.965e+05
		-5.965e+05	-2005.94	-0.03	0.0	609.8	-1.061e+04	-6430.38	-6.42	4890.38	-2005.94	-4.594e+05
28	43	4.866e+05	1906.34	-0.23	-1.331e+04	0.0	-5722.81	6880.25	-6.42	4890.38	1906.34	-5.965e+05
		-5.965e+05	-2005.94	-0.03	0.0	609.8	-1.061e+04	-6430.38	-6.42	4890.38	-2005.94	-4.594e+05
28	44	4.866e+05	1906.34	-0.23	-1.331e+04	0.0	-5722.81	6880.25	-6.42	4890.38	1906.34	-5.965e+05
		-5.965e+05	-2005.94	-0.03	0.0	609.8	-1.061e+04	-6430.38	-6.42	4890.38	-2005.94	-4.594e+05
29	1	3.257e+04	790.58	-0.01	-1579.50	0.0	-5833.78	840.19	3.59	-2206.99	-662.77	-5.763e+04
		-5.763e+04	-662.77	-0.01	0.0	405.0	-5833.78	-739.31	3.59	-2206.99	790.58	-3.721e+04
29	3	3.288e+04	822.85	-0.01	-1579.50	0.0	-5692.37	837.18	3.74	-7035.79	-693.58	-5.668e+04
		-5.668e+04	-693.58	-0.01	0.0	405.0	-5692.37	-742.32	3.74	-7035.79	822.85	-3.747e+04
29	5	3.121e+04	758.62	-0.01	-1579.50	0.0	-4886.63	837.11	3.47	-3642.24	-646.62	-5.834e+04
		-5.834e+04	-646.62	-0.01	0.0	405.0	-4886.63	-742.39	3.47	-3642.24	758.62	-3.916e+04
29	6	2.384e+04	560.54	-6.94e-03	-1215.00	0.0	-3637.97	643.71	2.65	-2105.31	-512.97	-4.500e+04
		-4.500e+04	-512.97	-0.01	0.0	405.0	-3637.97	-571.29	2.65	-2105.31	560.54	-3.034e+04
29	7	2.482e+04	587.80	-8.54e-03	-1215.00	0.0	-4337.98	646.22	2.76	-2216.15	-529.39	-4.455e+04
		-4.455e+04	-529.39	-0.01	0.0	405.0	-4337.98	-568.78	2.76	-2216.15	587.80	-2.886e+04
29	8	2.470e+04	615.12	-7.67e-03	-1215.00	0.0	-4130.17	645.64	2.89	-2422.85	-555.50	-4.454e+04
		-4.454e+04	-555.50	-0.01	0.0	405.0	-4130.17	-569.36	2.89	-2422.85	615.12	-2.909e+04
29	9	2.395e+04	568.41	-7.16e-03	-1215.00	0.0	-3718.19	644.02	2.68	-2160.82	-518.53	-4.496e+04
		-4.496e+04	-518.53	-0.01	0.0	405.0	-3718.19	-570.98	2.68	-2160.82	568.41	-3.017e+04
29	18	2.244e+04	97.39	9.25e-03	-1215.00	0.0	-2978.08	648.54	0.45	-742.63	-86.47	-4.745e+04
		-4.745e+04	-86.47	-0.04	0.0	405.0	-2978.08	-566.46	0.45	-742.63	97.39	-3.083e+04
29	21	2.564e+04	1227.25	-0.01	-1215.00	0.0	-4505.07	639.46	5.89	-4823.13	-1159.21	-4.234e+04
		-4.234e+04	-1159.21	0.04	0.0	405.0	-4505.07	-575.54	5.89	-4823.13	1227.25	-2.940e+04
29	42	2.395e+04	570.47	-7.19e-03	-1215.00	0.0	-3716.92	644.00	2.69	-2186.43	-518.63	-4.495e+04
		-4.495e+04	-518.63	-0.01	0.0	405.0	-3716.92	-571.00	2.69	-2186.43	570.47	-3.017e+04
29	43	2.395e+04	570.47	-7.19e-03	-1215.00	0.0	-3716.92	644.00	2.69	-2186.43	-518.63	-4.495e+04
		-4.495e+04	-518.63	-0.01	0.0	405.0	-3716.92	-571.00	2.69	-2186.43	570.47	-3.017e+04
29	44	2.395e+04	570.47	-7.19e-03	-1215.00	0.0	-3716.92	644.00	2.69	-2186.43	-518.63	-4.495e+04

		-4.495e+04	-518.63	-0.01	0.0	405.0	-3716.92	-571.00	2.69	-2186.43	570.47	-3.017e+04
31	1	0.0	4344.53	-9.28e-03	-643.06	0.0	-554.49	643.06	-26.35	0.0	4344.53	-5.302e+04
		-5.302e+04	0.0	-6.94e-04	0.0	164.9	-554.49	1.40e-05	-26.35	0.0	0.0	0.0
31	2	0.0	2640.99	-4.98e-03	-494.66	0.0	-457.06	494.66	-16.02	0.0	2640.99	-4.078e+04
		-4.078e+04	0.0	-1.08e-03	0.0	164.9	-457.06	1.07e-05	-16.02	0.0	0.0	0.0
31	3	0.0	1787.08	-0.01	-643.06	0.0	-613.14	643.06	-10.84	0.0	1787.08	-5.302e+04
		-5.302e+04	0.0	-3.88e-04	0.0	164.9	-613.14	1.40e-05	-10.84	0.0	0.0	0.0
31	5	0.0	2275.37	-0.01	-643.06	0.0	-577.23	643.06	-13.80	0.0	2275.37	-5.302e+04
		-5.302e+04	0.0	-9.98e-04	0.0	164.9	-577.23	1.40e-05	-13.80	0.0	0.0	0.0
31	7	0.0	2204.10	-5.50e-03	-494.66	0.0	-464.79	494.66	-13.37	0.0	2204.10	-4.078e+04
		-4.078e+04	0.0	-1.11e-03	0.0	164.9	-464.79	1.07e-05	-13.37	0.0	0.0	0.0
31	8	0.0	1331.79	-5.32e-03	-494.66	0.0	-512.10	494.66	-8.08	0.0	1331.79	-4.078e+04
		-4.078e+04	0.0	-1.56e-03	0.0	164.9	-512.10	1.07e-05	-8.08	0.0	0.0	0.0
31	9	0.0	1360.90	-6.27e-03	-494.66	0.0	-484.34	494.66	-8.25	0.0	1360.90	-4.078e+04
		-4.078e+04	0.0	-1.58e-03	0.0	164.9	-484.34	1.07e-05	-8.25	0.0	0.0	0.0
31	18	0.0	0.0	0.16	-494.66	0.0	-330.40	494.66	58.12	0.0	-9582.77	-4.078e+04
		-4.078e+04	-9582.77	-0.01	0.0	164.9	-330.40	1.07e-05	58.12	0.0	0.0	0.0
31	21	0.0	1.239e+04	-0.17	-494.66	0.0	-676.09	494.66	-75.15	0.0	1.239e+04	-4.078e+04
		-4.078e+04	0.0	0.02	0.0	164.9	-676.09	1.07e-05	-75.15	0.0	0.0	0.0
31	23	0.0	9604.30	-0.16	-494.66	0.0	-747.54	494.66	-58.25	0.0	9604.30	-4.078e+04
		-4.078e+04	0.0	9.65e-03	0.0	164.9	-747.54	1.07e-05	-58.25	0.0	0.0	0.0
31	24	0.0	0.0	0.15	-494.66	0.0	-146.23	494.66	46.45	0.0	-7658.81	-4.078e+04
		-4.078e+04	-7658.81	-0.02	0.0	164.9	-146.23	1.07e-05	46.45	0.0	0.0	0.0
31	25	0.0	9563.74	-0.17	-494.66	0.0	-820.34	494.66	-58.00	0.0	9563.74	-4.078e+04
		-4.078e+04	0.0	0.01	0.0	164.9	-820.34	1.07e-05	-58.00	0.0	0.0	0.0
31	42	0.0	1122.02	-7.09e-03	-494.66	0.0	-480.11	494.66	-6.80	0.0	1122.02	-4.078e+04
		-4.078e+04	0.0	-1.21e-03	0.0	164.9	-480.11	1.07e-05	-6.80	0.0	0.0	0.0
31	43	0.0	1122.02	-7.09e-03	-494.66	0.0	-480.11	494.66	-6.80	0.0	1122.02	-4.078e+04
		-4.078e+04	0.0	-1.21e-03	0.0	164.9	-480.11	1.07e-05	-6.80	0.0	0.0	0.0
31	44	0.0	1122.02	-7.09e-03	-494.66	0.0	-480.11	494.66	-6.80	0.0	1122.02	-4.078e+04
		-4.078e+04	0.0	-1.21e-03	0.0	164.9	-480.11	1.07e-05	-6.80	0.0	0.0	0.0
33	1	2.471e+06	2227.55	-0.78	-1.241e+04	0.0	1.848e+04	7598.41	18.22	6724.35	-8479.27	1.104e+06
		1.104e+06	-8479.27	-0.02	0.0	587.5	1.848e+04	-4811.05	18.22	6724.35	2227.55	1.923e+06
33	3	2.219e+06	1824.13	-0.68	-1.151e+04	0.0	2.050e+04	7045.32	19.58	7811.04	-9679.64	9.520e+05
		9.520e+05	-9679.64	-0.03	0.0	587.5	2.050e+04	-4460.86	19.58	7811.04	1824.13	1.711e+06
33	4	1.359e+06	1482.70	-0.38	-8424.74	0.0	1.565e+04	5158.54	16.24	6397.98	-8058.84	4.318e+05
		4.318e+05	-8058.84	-0.02	0.0	587.5	1.565e+04	-3266.21	16.24	6397.98	1482.70	9.877e+05
33	6	1.359e+06	1507.15	-0.39	-8424.74	0.0	1.252e+04	5158.54	14.80	5458.89	-7190.20	4.318e+05
		4.318e+05	-7190.20	-0.02	0.0	587.5	1.252e+04	-3266.21	14.80	5458.89	1507.15	9.877e+05
33	7	1.594e+06	1723.03	-0.48	-9267.81	0.0	1.329e+04	5674.75	14.76	5281.87	-6950.23	5.741e+05
		5.741e+05	-6950.23	-0.02	0.0	587.5	1.329e+04	-3593.06	14.76	5281.87	1723.03	1.186e+06
33	8	1.426e+06	1541.30	-0.41	-8665.62	0.0	1.463e+04	5306.03	15.69	5932.21	-7675.31	4.725e+05
		4.725e+05	-7675.31	-0.02	0.0	587.5	1.463e+04	-3359.59	15.69	5932.21	1541.30	1.044e+06
33	9	1.426e+06	1559.50	-0.42	-8665.62	0.0	1.261e+04	5306.03	14.88	5497.33	-7182.67	4.725e+05
		4.725e+05	-7182.67	-0.02	0.0	587.5	1.261e+04	-3359.59	14.88	5497.33	1559.50	1.044e+06
33	12	1.425e+06	2296.83	-0.39	-8665.62	0.0	1.272e+04	5307.78	20.33	1.312e+04	-9646.45	4.704e+05
		4.704e+05	-9646.45	0.06	0.0	587.5	1.272e+04	-3357.84	20.33	1.312e+04	2296.83	1.043e+06
33	17	1.425e+06	608.28	-0.44	-8665.62	0.0	1.283e+04	5305.11	9.21	-1061.25	-4804.60	4.717e+05
		4.717e+05	-4804.60	-0.08	0.0	587.5	1.283e+04	-3360.51	9.21	-1061.25	608.28	1.043e+06
33	18	1.425e+06	-1.404e+04	-0.43	-8665.62	0.0	1.307e+04	5306.59	-59.96	7897.90	-1.404e+04	4.710e+05
		4.710e+05	-4.927e+04	-0.03	0.0	587.5	1.307e+04	-3359.03	-59.96	7897.90	-4.927e+04	1.043e+06
33	19	1.425e+06	5.238e+04	-0.40	-8665.62	0.0	1.213e+04	5306.30	89.70	-763.41	-324.08	4.711e+05
		4.711e+05	-324.08	-0.04	0.0	587.5	1.213e+04	-3359.32	89.70	-763.41	5.238e+04	1.043e+06
33	24	1.425e+06	-1.839e+04	-0.43	-8665.62	0.0	1.322e+04	5306.64	-43.26	6191.25	-1.839e+04	4.710e+05
		4.710e+05	-4.380e+04	-0.05	0.0	587.5	1.322e+04	-3358.98	-43.26	6191.25	-4.380e+04	1.043e+06
33	25	1.425e+06	4.689e+04	-0.40	-8665.62	0.0	1.196e+04	5306.24	72.65	4642.40	4209.93	4.712e+05
		4.712e+05	4209.93	-0.02	0.0	587.5	1.196e+04	-3359.38	72.65	4642.40	4.689e+04	1.043e+06
33	42	1.426e+06	1549.06	-0.42	-8665.62	0.0	1.260e+04	5306.03	14.79	5511.33	-7137.37	4.725e+05
		4.725e+05	-7137.37	-0.02	0.0	587.5	1.260e+04	-3359.59	14.79	5511.33	1549.06	1.044e+06
33	43	1.426e+06	1549.06	-0.42	-8665.62	0.0	1.260e+04	5306.03	14.79	5511.33	-7137.37	4.725e+05
		4.725e+05	-7137.37	-0.02	0.0	587.5	1.260e+04	-3359.59	14.79	5511.33	1549.06	1.044e+06
33	44	1.426e+06	1549.06	-0.42	-8665.62	0.0	1.260e+04	5306.03	14.79	5511.33	-7137.37	4.725e+05
		4.725e+05	-7137.37	-0.02	0.0	587.5	1.260e+04	-3359.59	14.79	5511.33	1549.06	1.044e+06
34	1	1.104e+06	-8479.27	-0.96	-4494.21	0.0	1.848e+04	1.209e+04	18.22	6717.43	-1.236e+04	-9.904e+05
		-9.904e+05	-1.236e+04	4.81e-03	0.0	212.8	1.848e+04	7598.41	18.22	6717.43	-8479.27	1.104e+06
34	2	5.843e+05	-6841.66	-0.57	-3378.24	0.0	1.354e+04	9089.86	14.63	5132.28	-9954.05	-9.904e+05
		-9.904e+05	-9954.05	3.44e-03	0.0	212.8	1.354e+04	5711.63	14.63	5132.28	-6841.66	5.843e+05
34	3	9.520e+05	-9679.64	-0.84	-4167.08	0.0	2.050e+04	1.121e+04	19.58	7805.28	-1.385e+04	-9.904e+05
		-9.904e+05	-1.385e+04	6.23e-03	0.0	212.8	2.050e+04	7045.33	19.58	7805.28	-9679.64	9.520e+05
34	4	4.318e+05	-8058.84	-0.44	-3051.11	0.0	1.565e+04	8209.64	16.24	6395.75	-1.151e+04	-9.904e+05
		-9.904e+05	-1.151e+04	5.72e-03	0.0	212.8	1.565e+04	5158.54	16.24	6395.75	-8058.84	4.318e+05
34	6	4.318e+05	-7190.20	-0.45	-3051.11	0.0	1.252e+04	8209.64	14.80	5456.55	-1.034e+04	-9.904e+05
		-9.904e+05	-1.034e+04	3.46e-03	0.0	212.8	1.252e+04	5158.54	14.80	5456.55	-7190.20	4.318e+05
34	7	5.741e+05	-6950.23	-0.56	-3356.43	0.0	1.329e+04	9031.18	14.76	5278.50	-1.009e+04	-9.904e+05
		-9.904e+05	-1.009e+04	3.49e-03	0.0	212.8	1.329e+04	5674.75	14.76	5278.50	-6950.23	5.741e+05
34	8	4.725e+05	-7675.31	-0.48	-3138.34	0.0	1.463e+04	8444.37	15.69	5929.67	-1.101e+04	-9.904e+05
		-9.904e+05	-1.101e+04	4.30e-03	0.0	212.8	1.463e+04	5306.03	15.69	5929.67	-7675.31	4.725e+05

34	9	4.725e+05	-7182.67	-0.48	-3138.34	0.0	1.261e+04	8444.37	14.88	5494.69	-1.035e+04	-9.904e+05
		-9.904e+05	-1.035e+04	3.50e-03	0.0	212.8	1.261e+04	5306.03	14.88	5494.69	-7182.67	4.725e+05
34	12	4.704e+05	-9646.45	-0.47	-3138.34	0.0	1.221e+04	8446.12	20.33	1.311e+04	-1.397e+04	-9.928e+05
		-9.928e+05	-1.397e+04	0.04	0.0	212.8	1.221e+04	5307.78	20.33	1.311e+04	-9646.45	4.704e+05
34	13	4.717e+05	-4561.65	-0.50	-3138.34	0.0	1.334e+04	8443.37	8.52	-2274.17	-6375.20	-9.909e+05
		-9.909e+05	-6375.20	-0.03	0.0	212.8	1.334e+04	5305.03	8.52	-2274.17	-4561.65	4.717e+05
34	21	4.712e+05	4205.05	-0.47	-3138.34	0.0	1.210e+04	8444.55	511.64	553.52	-1.047e+05	-9.917e+05
		-9.917e+05	-1.047e+05	-5.90e-03	0.0	212.8	1.210e+04	5306.21	511.64	553.52	4205.05	4.712e+05
34	24	4.710e+05	7.887e+04	-0.49	-3138.34	0.0	1.322e+04	8444.98	-457.09	6188.38	7.887e+04	-9.920e+05
		-9.920e+05	-1.839e+04	0.02	0.0	212.8	1.322e+04	5306.64	-457.09	6188.38	-1.839e+04	4.710e+05
34	25	4.712e+05	4209.93	-0.47	-3138.34	0.0	1.196e+04	8444.58	486.47	4640.00	-9.930e+04	-9.917e+05
		-9.917e+05	-9.930e+04	-8.96e-03	0.0	212.8	1.196e+04	5306.24	486.47	4640.00	4209.93	4.712e+05
34	42	4.725e+05	-7137.37	-0.48	-3138.34	0.0	1.260e+04	8444.37	14.79	5508.69	-1.028e+04	-9.904e+05
		-9.904e+05	-1.028e+04	3.71e-03	0.0	212.8	1.260e+04	5306.03	14.79	5508.69	-7137.37	4.725e+05
34	43	4.725e+05	-7137.37	-0.48	-3138.34	0.0	1.260e+04	8444.37	14.79	5508.69	-1.028e+04	-9.904e+05
		-9.904e+05	-1.028e+04	3.71e-03	0.0	212.8	1.260e+04	5306.03	14.79	5508.69	-7137.37	4.725e+05
34	44	4.725e+05	-7137.37	-0.48	-3138.34	0.0	1.260e+04	8444.37	14.79	5508.69	-1.028e+04	-9.904e+05
		-9.904e+05	-1.028e+04	3.71e-03	0.0	212.8	1.260e+04	5306.03	14.79	5508.69	-7137.37	4.725e+05
37	1	1.923e+06	8620.96	1.69	-7281.54	0.0	1.848e+04	-4811.05	18.55	6753.40	2227.55	1.923e+06
		-9.904e+05	2227.55	-0.01	0.0	344.7	1.848e+04	-1.209e+04	18.55	6753.40	8620.96	-9.904e+05
37	3	1.711e+06	8697.25	1.52	-6751.52	0.0	2.050e+04	-4460.86	19.94	7837.12	1824.13	1.711e+06
		-9.904e+05	1824.13	-0.01	0.0	344.7	2.050e+04	-1.121e+04	19.94	7837.12	8697.25	-9.904e+05
37	4	9.877e+05	7175.32	0.90	-4943.41	0.0	1.565e+04	-3266.21	16.51	6413.63	1482.70	9.877e+05
		-9.904e+05	1482.70	-0.01	0.0	344.7	1.565e+04	-8209.62	16.51	6413.63	7175.32	-9.904e+05
37	6	9.877e+05	6685.67	0.88	-4943.41	0.0	1.252e+04	-3266.21	15.02	5474.49	1507.15	9.877e+05
		-9.904e+05	1507.15	-0.01	0.0	344.7	1.252e+04	-8209.62	15.02	5474.49	6685.67	-9.904e+05
37	7	1.186e+06	6892.05	1.05	-5438.10	0.0	1.329e+04	-3593.06	14.99	5300.27	1723.03	1.186e+06
		-9.904e+05	1723.03	-9.88e-03	0.0	344.7	1.329e+04	-9031.15	14.99	5300.27	6892.05	-9.904e+05
37	8	1.044e+06	7037.16	0.94	-5084.75	0.0	1.463e+04	-3359.59	15.94	5948.63	1541.30	1.044e+06
		-9.904e+05	1541.30	-0.01	0.0	344.7	1.463e+04	-8444.35	15.94	5948.63	7037.16	-9.904e+05
37	9	1.044e+06	6764.87	0.93	-5084.75	0.0	1.261e+04	-3359.59	15.10	5513.73	1559.50	1.044e+06
		-9.904e+05	1559.50	-0.01	0.0	344.7	1.261e+04	-8444.35	15.10	5513.73	6764.87	-9.904e+05
37	12	1.043e+06	9384.81	0.96	-5084.75	0.0	1.332e+04	-3357.84	20.56	1.314e+04	2296.83	1.043e+06
		-9.908e+05	2296.83	0.04	0.0	344.7	1.332e+04	-8442.59	20.56	1.314e+04	9384.81	-9.908e+05
37	13	1.043e+06	3457.61	0.90	-5084.75	0.0	1.222e+04	-3360.59	8.74	-2257.75	445.95	1.043e+06
		-9.920e+05	445.95	-0.06	0.0	344.7	1.222e+04	-8445.34	8.74	-2257.75	3457.61	-9.920e+05
37	18	1.043e+06	9.713e+04	0.91	-5084.75	0.0	1.307e+04	-3359.03	424.68	7914.40	-4.927e+04	1.043e+06
		-9.913e+05	-4.927e+04	-0.11	0.0	344.7	1.307e+04	-8443.79	424.68	7914.40	9.713e+04	-9.913e+05
37	19	1.043e+06	5.238e+04	0.95	-5084.75	0.0	1.213e+04	-3359.32	-394.50	-747.13	5.238e+04	1.043e+06
		-9.914e+05	-8.362e+04	0.09	0.0	344.7	1.213e+04	-8444.07	-394.50	-747.13	-8.362e+04	-9.914e+05
37	25	1.043e+06	4.689e+04	0.95	-5084.75	0.0	1.196e+04	-3359.38	-361.01	4658.65	4.689e+04	1.043e+06
		-9.915e+05	-7.756e+04	0.10	0.0	344.7	1.196e+04	-8444.13	-361.01	4658.65	-7.756e+04	-9.915e+05
37	42	1.044e+06	6721.66	0.93	-5084.75	0.0	1.260e+04	-3359.59	15.00	5527.73	1549.06	1.044e+06
		-9.904e+05	1549.06	-0.01	0.0	344.7	1.260e+04	-8444.35	15.00	5527.73	6721.66	-9.904e+05
37	43	1.044e+06	6721.66	0.93	-5084.75	0.0	1.260e+04	-3359.59	15.00	5527.73	1549.06	1.044e+06
		-9.904e+05	1549.06	-0.01	0.0	344.7	1.260e+04	-8444.35	15.00	5527.73	6721.66	-9.904e+05
37	44	1.044e+06	6721.66	0.93	-5084.75	0.0	1.260e+04	-3359.59	15.00	5527.73	1549.06	1.044e+06
		-9.904e+05	1549.06	-0.01	0.0	344.7	1.260e+04	-8444.35	15.00	5527.73	6721.66	-9.904e+05
38	1	1.948e+05	1704.07	-0.10	-4708.34	0.0	334.88	5173.40	-5.08	-5859.08	1704.07	-4.818e+05
		-4.818e+05	485.69	-6.79e-03	0.0	240.0	334.88	465.07	-5.08	-5859.08	485.69	1.948e+05
38	4	1.334e+05	832.05	-0.07	-2651.73	0.0	244.82	3185.19	-1.71	-5665.42	832.05	-3.128e+05
		-3.128e+05	421.38	-7.21e-03	0.0	240.0	244.82	533.46	-1.71	-5665.42	421.38	1.334e+05
38	5	1.718e+05	1077.61	-0.09	-3614.91	0.0	337.23	4247.46	-2.33	-5513.82	1077.61	-4.138e+05
		-4.138e+05	518.21	-7.29e-03	0.0	240.0	337.23	632.55	-2.33	-5513.82	518.21	1.718e+05
38	6	1.314e+05	711.16	-0.07	-2651.73	0.0	272.90	3163.51	-1.42	-4252.52	711.16	-3.097e+05
		-3.097e+05	369.77	-7.73e-03	0.0	240.0	272.90	511.78	-1.42	-4252.52	369.77	1.314e+05
38	7	1.498e+05	1098.62	-0.08	-3453.58	0.0	257.92	3855.88	-2.95	-4745.54	1098.62	-3.612e+05
		-3.612e+05	391.36	-6.50e-03	0.0	240.0	257.92	402.30	-2.95	-4745.54	391.36	1.498e+05
38	8	1.351e+05	882.62	-0.07	-2724.62	0.0	245.34	3246.79	-2.14	-5489.36	882.62	-3.171e+05
		-3.171e+05	368.95	-7.33e-03	0.0	240.0	245.34	522.17	-2.14	-5489.36	368.95	1.351e+05
38	9	1.337e+05	793.28	-0.07	-2724.62	0.0	263.40	3231.70	-1.85	-4559.45	793.28	-3.150e+05
		-3.150e+05	350.46	-7.28e-03	0.0	240.0	263.40	507.08	-1.85	-4559.45	350.46	1.337e+05
38	18	2.793e+05	4586.46	-0.02	-2724.62	0.0	624.30	3942.61	26.98	-5598.39	-1888.43	-3.400e+05
		-3.400e+05	-1888.43	-0.02	0.0	240.0	624.30	1217.99	26.98	-5598.39	4586.46	2.793e+05
38	19	-3725.03	3432.16	-0.13	-2724.62	0.0	-113.17	2567.98	-29.58	-4735.18	3432.16	-2.942e+05
		-2.942e+05	-3667.50	8.27e-03	0.0	240.0	-113.17	-156.64	-29.58	-4735.18	-3667.50	-4797.42
38	22	2.772e+05	4418.55	-0.02	-2724.62	0.0	460.13	3954.23	26.21	-5208.07	-1872.51	-3.449e+05
		-3.449e+05	-1872.51	-0.02	0.0	240.0	460.13	1229.61	26.21	-5208.07	4418.55	2.772e+05
38	42	1.357e+05	914.38	-0.07	-2724.62	0.0	243.93	3245.48	-2.59	-5240.64	914.38	-3.162e+05
		-3.162e+05	291.84	-6.38e-03	0.0	240.0	243.93	520.85	-2.59	-5240.64	291.84	1.357e+05
38	43	1.357e+05	914.38	-0.07	-2724.62	0.0	243.93	3245.48	-2.59	-5240.64	914.38	-3.162e+05
		-3.162e+05	291.84	-6.38e-03	0.0	240.0	243.93	520.85	-2.59	-5240.64	291.84	1.357e+05
38	44	1.357e+05	914.38	-0.07	-2724.62	0.0	243.93	3245.48	-2.59	-5240.64	914.38	-3.162e+05
		-3.162e+05	291.84	-6.38e-03	0.0	240.0	243.93	520.85	-2.59	-5240.64	291.84	1.357e+05
40	1	2.207e+04	2.463e+04	0.04	-803.74	0.0	-645.13	443.28	-225.49	3976.88	2.463e+04	-2.785e+04
		-2.785e+04	-6.782e+04	0.02	0.0	410.0	-645.13	-360.46	-225.49	3976.88	-6.782e+04	-1.116e+04
40	2	1.367e+04	1.301e+04	0.03	-618.40	0.0	-644.39	303.85	-121.63	4440.58	1.301e+04	-1.681e+04

		-1.924e+04	-3.686e+04	-0.02	0.0	410.0	-644.39	-314.55	-121.63	4440.58	-3.686e+04	-1.924e+04
40	4	1.289e+04	4939.24	0.02	-617.17	0.0	-750.80	294.86	-49.93	5791.02	4939.24	-1.585e+04
		-2.162e+04	-1.553e+04	-0.03	0.0	410.0	-750.80	-322.31	-49.93	5791.02	-1.553e+04	-2.162e+04
40	7	1.346e+04	1.084e+04	0.03	-618.07	0.0	-662.02	301.40	-102.41	4746.96	1.084e+04	-1.655e+04
		-1.989e+04	-3.115e+04	-0.02	0.0	410.0	-662.02	-316.67	-102.41	4746.96	-3.115e+04	-1.989e+04
40	8	1.294e+04	5534.03	0.02	-617.25	0.0	-742.24	293.99	-55.47	5644.61	5534.03	-1.562e+04
		-2.177e+04	-1.721e+04	-0.03	0.0	410.0	-742.24	-323.26	-55.47	5644.61	-1.721e+04	-2.177e+04
40	10	1.453e+04	2513.69	-0.03	-617.25	0.0	-476.29	376.95	4.10	1727.48	834.10	-3.253e+04
		-3.253e+04	834.10	0.02	0.0	410.0	-476.29	-240.30	4.10	1727.48	2513.69	-4668.19
40	17	1.509e+04	2.542e+04	0.05	-617.25	0.0	-604.76	239.87	-239.51	4730.41	2.542e+04	-3946.83
		-3.229e+04	-7.278e+04	-0.05	0.0	410.0	-604.76	-377.38	-239.51	4730.41	-7.278e+04	-3.229e+04
40	23	4.367e+04	2.130e+04	-0.04	-617.25	0.0	-783.54	7.78	-199.66	4654.71	2.130e+04	4.367e+04
		-7.983e+04	-6.057e+04	0.04	0.0	410.0	-783.54	-609.47	-199.66	4654.71	-6.057e+04	-7.983e+04
40	24	3.678e+04	3.160e+04	-0.02	-617.25	0.0	-668.58	581.86	107.31	6566.51	-1.240e+04	-7.551e+04
		-7.551e+04	-1.240e+04	-0.06	0.0	410.0	-668.58	-35.39	107.31	6566.51	3.160e+04	3.637e+04
40	42	1.294e+04	5368.00	0.02	-617.25	0.0	-703.49	296.02	-53.78	5525.98	5368.00	-1.603e+04
		-2.136e+04	-1.668e+04	-0.02	0.0	410.0	-703.49	-321.23	-53.78	5525.98	-1.668e+04	-2.136e+04
40	43	1.294e+04	5368.00	0.02	-617.25	0.0	-703.49	296.02	-53.78	5525.98	5368.00	-1.603e+04
		-2.136e+04	-1.668e+04	-0.02	0.0	410.0	-703.49	-321.23	-53.78	5525.98	-1.668e+04	-2.136e+04
40	44	1.294e+04	5368.00	0.02	-617.25	0.0	-703.49	296.02	-53.78	5525.98	5368.00	-1.603e+04
		-2.136e+04	-1.668e+04	-0.02	0.0	410.0	-703.49	-321.23	-53.78	5525.98	-1.668e+04	-2.136e+04
42	1	1.336e+06	6.363e+04	0.32	-2.986e+04	0.0	419.49	1.425e+04	-343.37	2.250e+04	6.363e+04	-8.107e+05
		-1.241e+06	-1.536e+05	0.04	0.0	632.8	419.49	-1.561e+04	-343.37	2.250e+04	-1.536e+05	-1.241e+06
42	2	1.025e+06	3.420e+04	0.25	-2.380e+04	0.0	367.82	1.110e+04	-188.20	138.62	3.420e+04	-6.062e+05
		-1.115e+06	-8.489e+04	-0.03	0.0	632.8	367.82	-1.270e+04	-188.20	138.62	-8.489e+04	-1.115e+06
42	4	6.959e+05	1.303e+04	0.20	-1.640e+04	0.0	903.76	7086.87	-79.65	-5761.56	1.303e+04	-2.727e+05
		-9.775e+05	-3.737e+04	-0.03	0.0	632.8	903.76	-9312.32	-79.65	-5761.56	-3.737e+04	-9.775e+05
42	7	9.342e+05	2.868e+04	0.23	-2.183e+04	0.0	461.52	1.004e+04	-159.42	-1054.18	2.868e+04	-5.225e+05
		-1.078e+06	-7.220e+04	-0.03	0.0	632.8	461.52	-1.179e+04	-159.42	-1054.18	-7.220e+04	-1.078e+06
42	8	7.175e+05	1.487e+04	0.20	-1.689e+04	0.0	823.11	7355.73	-88.69	-5156.19	1.487e+04	-2.957e+05
		-9.865e+05	-4.125e+04	-0.03	0.0	632.8	823.11	-9536.94	-88.69	-5156.19	-4.125e+04	-9.865e+05
42	12	6.107e+05	1.282e+04	0.23	-1.689e+04	0.0	2742.69	8930.97	36.12	231.06	-1.004e+04	-8.786e+05
		-8.786e+05	-1.004e+04	0.02	0.0	632.8	2742.69	-7961.70	36.12	231.06	1.282e+04	-5.726e+05
42	13	9.840e+05	7.163e+04	0.18	-1.689e+04	0.0	-333.14	6538.27	-379.13	-7134.52	7.163e+04	1.842e+05
		-1.024e+06	-1.683e+05	-0.08	0.0	632.8	-333.14	-1.035e+04	-379.13	-7134.52	-1.683e+05	-1.024e+06
42	42	7.063e+05	1.470e+04	0.19	-1.689e+04	0.0	682.43	7392.47	-86.60	-3989.79	1.470e+04	-3.171e+05
		-9.846e+05	-4.009e+04	-0.03	0.0	632.8	682.43	-9500.19	-86.60	-3989.79	-4.009e+04	-9.846e+05
42	43	7.063e+05	1.470e+04	0.19	-1.689e+04	0.0	682.43	7392.47	-86.60	-3989.79	1.470e+04	-3.171e+05
		-9.846e+05	-4.009e+04	-0.03	0.0	632.8	682.43	-9500.19	-86.60	-3989.79	-4.009e+04	-9.846e+05
42	44	7.063e+05	1.470e+04	0.19	-1.689e+04	0.0	682.43	7392.47	-86.60	-3989.79	1.470e+04	-3.171e+05
		-9.846e+05	-4.009e+04	-0.03	0.0	632.8	682.43	-9500.19	-86.60	-3989.79	-4.009e+04	-9.846e+05
44	3	3.974e+05	1.470e+04	-0.20	-1.151e+04	0.0	-1.609e+04	5393.64	48.54	1.139e+04	-1.490e+04	-3.696e+05
		-5.912e+05	-1.490e+04	0.02	0.0	609.8	-1.187e+04	-6120.42	48.54	1.139e+04	1.470e+04	-5.912e+05
44	6	2.696e+05	1.065e+04	-0.13	-7585.62	0.0	-1.100e+04	3363.53	35.71	8003.37	-1.113e+04	-1.850e+05
		-4.468e+05	-1.113e+04	8.79e-03	0.0	609.8	-8221.71	-4222.09	35.71	8003.37	1.065e+04	-4.468e+05
44	8	3.017e+05	1.126e+04	-0.14	-8687.46	0.0	-1.245e+04	3901.77	37.78	8526.92	-1.178e+04	-2.322e+05
		-5.017e+05	-1.178e+04	0.01	0.0	609.8	-9267.79	-4785.69	37.78	8526.92	1.126e+04	-5.017e+05
44	9	2.701e+05	1.069e+04	-0.13	-7585.62	0.0	-1.103e+04	3362.39	35.81	7983.06	-1.115e+04	-1.842e+05
		-4.467e+05	-1.115e+04	9.38e-03	0.0	609.8	-8244.08	-4223.23	35.81	7983.06	1.069e+04	-4.467e+05
44	10	1.768e+05	1.077e+04	0.13	-7585.62	0.0	-1.169e+04	3621.76	29.75	1.427e+04	-7369.22	-3.493e+05
		-4.536e+05	-7369.22	0.15	0.0	609.8	-8909.17	-3963.87	29.75	1.427e+04	1.077e+04	-4.536e+05
44	12	1.658e+05	1.088e+04	0.13	-7585.62	0.0	-1.191e+04	3662.06	32.77	1.231e+04	-9104.00	-3.725e+05
		-4.523e+05	-9104.00	0.09	0.0	609.8	-9124.45	-3923.56	32.77	1.231e+04	1.088e+04	-4.523e+05
44	13	3.831e+05	1.047e+04	-0.25	-7585.62	0.0	-1.017e+04	3052.49	38.27	3995.26	-1.287e+04	1.035e+04
		-4.411e+05	-1.287e+04	-0.06	0.0	609.8	-7387.16	-4533.14	38.27	3995.26	1.047e+04	-4.411e+05
44	18	2.582e+05	2.343e+04	-0.13	-7585.62	0.0	-1.153e+04	3405.31	90.77	-2641.72	-3.191e+04	-2.076e+05
		-4.439e+05	-3.191e+04	-0.02	0.0	609.8	-8743.30	-4180.31	90.77	-2641.72	2.343e+04	-4.439e+05
44	24	2.539e+05	2.298e+04	-0.13	-7585.62	0.0	-1.167e+04	3420.10	90.50	-2166.50	-3.221e+04	-2.158e+05
		-4.431e+05	-3.221e+04	-0.04	0.0	609.8	-8885.38	-4165.52	90.50	-2166.50	2.298e+04	-4.431e+05
44	42	2.701e+05	1.065e+04	-0.13	-7585.62	0.0	-1.103e+04	3362.31	35.61	7991.44	-1.106e+04	-1.842e+05
		-4.468e+05	-1.106e+04	0.01	0.0	609.8	-8244.77	-4223.32	35.61	7991.44	1.065e+04	-4.468e+05
44	43	2.701e+05	1.065e+04	-0.13	-7585.62	0.0	-1.103e+04	3362.31	35.61	7991.44	-1.106e+04	-1.842e+05
		-4.468e+05	-1.106e+04	0.01	0.0	609.8	-8244.77	-4223.32	35.61	7991.44	1.065e+04	-4.468e+05
44	44	2.701e+05	1.065e+04	-0.13	-7585.62	0.0	-1.103e+04	3362.31	35.61	7991.44	-1.106e+04	-1.842e+05
		-4.468e+05	-1.106e+04	0.01	0.0	609.8	-8244.77	-4223.32	35.61	7991.44	1.065e+04	-4.468e+05
46	1	1.192e+04	8.098e+04	-0.02	-721.50	0.0	-935.79	524.57	-313.59	1.208e+04	8.098e+04	-5.856e+04
		-5.856e+04	-3.504e+04	-0.04	0.0	370.0	-935.79	-196.93	-313.59	1.208e+04	-3.504e+04	2048.89
46	3	1.279e+04	4.383e+04	-0.03	-721.50	0.0	-895.43	465.38	-172.23	8675.83	4.383e+04	-4.269e+04
		-4.269e+04	-1.989e+04	-0.02	0.0	370.0	-895.43	-256.12	-172.23	8675.83	-1.989e+04	-3980.05
46	6	8927.65	2.282e+04	-0.02	-555.00	0.0	-785.23	329.13	-91.01	4227.00	2.282e+04	-2.709e+04
		-2.709e+04	-1.085e+04	-0.01	0.0	370.0	-785.23	-225.87	-91.01	4227.00	-1.085e+04	-7981.88
46	7	9415.02	3.936e+04	-0.02	-555.00	0.0	-787.14	355.05	-154.27	6984.23	3.936e+04	-3.258e+04
		-3.258e+04	-1.772e+04	-0.02	0.0	370.0	-787.14	-199.95	-154.27	6984.23	-1.772e+04	-3888.74
46	8	9569.67	2.415e+04	-0.02	-555.00	0.0	-831.01	342.66	-97.22	4541.02	2.415e+04	-2.956e+04
		-2.956e+04	-1.182e+04	-0.02	0.0	370.0	-831.01	-212.34	-97.22	4541.02	-1.182e+04	-5453.28
46	9	9053.54	2.410e+04	-0.02	-555.00	0.0	-784.80	333.23	-96.11	4419.52	2.410e+04	-2.790e+04
		-2.790e+04	-1.146e+04	-0.01	0.0	370.0	-784.80	-221.77	-96.11	4419.52	-1.146e+04	-7278.73

46	17	7850.96	8.664e+04	-0.01	-555.00	0.0	-744.60	304.39	-335.91	7805.21	8.664e+04	-2.301e+04
		-2.301e+04	-3.764e+04	-0.05	0.0	370.0	-744.60	-250.61	-335.91	7805.21	-3.764e+04	-1.306e+04
46	22	4.839e+04	2687.00	0.03	-555.00	0.0	-296.16	632.76	75.65	2714.74	-2.530e+04	-8.305e+04
		-8.305e+04	-2.530e+04	-0.04	0.0	370.0	-296.16	77.76	75.65	2714.74	2687.00	4.839e+04
46	23	2.485e+04	6.865e+04	-0.05	-555.00	0.0	-1154.11	51.73	-249.48	5721.02	6.865e+04	2.406e+04
		-5.948e+04	-2.366e+04	-0.02	0.0	370.0	-1154.11	-503.27	-249.48	5721.02	-2.366e+04	-5.948e+04
46	42	9282.78	2.327e+04	-0.02	-555.00	0.0	-782.06	337.70	-93.43	4194.26	2.327e+04	-2.870e+04
		-2.870e+04	-1.130e+04	-0.01	0.0	370.0	-782.06	-217.30	-93.43	4194.26	-1.130e+04	-6429.56
46	43	9282.78	2.327e+04	-0.02	-555.00	0.0	-782.06	337.70	-93.43	4194.26	2.327e+04	-2.870e+04
		-2.870e+04	-1.130e+04	-0.01	0.0	370.0	-782.06	-217.30	-93.43	4194.26	-1.130e+04	-6429.56
46	44	9282.78	2.327e+04	-0.02	-555.00	0.0	-782.06	337.70	-93.43	4194.26	2.327e+04	-2.870e+04
		-2.870e+04	-1.130e+04	-0.01	0.0	370.0	-782.06	-217.30	-93.43	4194.26	-1.130e+04	-6429.56
47	1	1.316e+05	3.207e+04	0.08	-6623.01	0.0	-1271.46	3476.70	174.27	1.010e+04	-1.237e+04	-1.005e+05
		-1.005e+05	-1.237e+04	-9.19e-03	0.0	255.0	-1271.46	-3146.31	174.27	1.010e+04	3.207e+04	-5.842e+04
47	5	9.683e+04	2.028e+04	0.06	-5207.75	0.0	-1027.81	3000.32	121.50	1.003e+04	-1.070e+04	-1.234e+05
		-1.234e+05	-1.070e+04	-0.01	0.0	255.0	-1027.81	-2207.43	121.50	1.003e+04	2.028e+04	-2.235e+04
47	6	6.954e+04	1.344e+04	0.04	-3839.03	0.0	-839.81	2272.12	91.66	7789.92	-9937.25	-1.015e+05
		-1.015e+05	-9937.25	-0.01	0.0	255.0	-839.81	-1566.92	91.66	7789.92	1.344e+04	-1.158e+04
47	7	9.898e+04	1.853e+04	0.06	-4876.89	0.0	-1004.71	2580.95	113.98	8399.30	-1.053e+04	-7.464e+04
		-7.464e+04	-1.053e+04	-0.01	0.0	255.0	-1004.71	-2295.94	113.98	8399.30	1.853e+04	-3.830e+04
47	8	9.071e+04	1.528e+04	0.04	-3933.38	0.0	-967.62	2169.26	106.80	6567.90	-1.195e+04	-6.177e+04
		-6.177e+04	-1.195e+04	-0.01	0.0	255.0	-967.62	-1764.13	106.80	6567.90	1.528e+04	-1.011e+04
47	9	7.631e+04	1.401e+04	0.04	-3933.38	0.0	-871.25	2258.86	95.30	7688.89	-1.029e+04	-8.901e+04
		-8.901e+04	-1.029e+04	-0.01	0.0	255.0	-871.25	-1674.53	95.30	7688.89	1.401e+04	-1.451e+04
47	13	5.711e+04	3.922e+04	0.04	-3933.38	0.0	-1260.88	1016.00	232.74	1073.96	-2.013e+04	2.368e+04
		-2.187e+05	-2.013e+04	-0.03	0.0	255.0	-1260.88	-2917.39	232.74	1073.96	3.922e+04	-2.187e+05
47	16	1.921e+05	2314.11	0.06	-3933.38	0.0	-380.83	3178.82	25.67	9995.96	-4231.47	-1.354e+05
		-1.354e+05	-4231.47	1.71e-03	0.0	255.0	-380.83	-754.56	25.67	9995.96	2314.11	1.737e+05
47	17	5.550e+04	3.826e+04	0.04	-3933.38	0.0	-1488.69	977.06	226.09	2436.97	-1.939e+04	2.456e+04
		-2.278e+05	-1.939e+04	-0.03	0.0	255.0	-1488.69	-2956.33	226.09	2436.97	3.826e+04	-2.278e+05
47	18	1.169e+05	1.419e+04	0.04	-3933.38	0.0	-2115.54	2505.73	171.68	1.612e+04	-2.959e+04	-8.659e+04
		-8.659e+04	-2.959e+04	-0.05	0.0	255.0	-2115.54	-1427.66	171.68	1.612e+04	1.419e+04	5.087e+04
47	19	6.585e+04	1.173e+04	0.05	-3933.38	0.0	349.00	1769.28	8.13	-1050.28	9656.61	-3.554e+04
		-8.588e+04	9656.61	0.03	0.0	255.0	349.00	-2164.11	8.13	-1050.28	1.173e+04	-8.588e+04
47	24	1.207e+05	1.555e+04	0.04	-3933.38	0.0	-1915.59	2556.25	187.96	1.484e+04	-3.238e+04	-9.082e+04
		-9.082e+04	-3.238e+04	-0.05	0.0	255.0	-1915.59	-1377.13	187.96	1.484e+04	1.555e+04	5.952e+04
47	42	8.735e+04	1.425e+04	0.05	-3933.38	0.0	-913.02	2139.97	99.44	7347.49	-1.111e+04	-6.093e+04
		-6.093e+04	-1.111e+04	-0.01	0.0	255.0	-913.02	-1793.42	99.44	7347.49	1.425e+04	-1.674e+04
47	43	8.735e+04	1.425e+04	0.05	-3933.38	0.0	-913.02	2139.97	99.44	7347.49	-1.111e+04	-6.093e+04
		-6.093e+04	-1.111e+04	-0.01	0.0	255.0	-913.02	-1793.42	99.44	7347.49	1.425e+04	-1.674e+04
47	44	8.735e+04	1.425e+04	0.05	-3933.38	0.0	-913.02	2139.97	99.44	7347.49	-1.111e+04	-6.093e+04
		-6.093e+04	-1.111e+04	-0.01	0.0	255.0	-913.02	-1793.42	99.44	7347.49	1.425e+04	-1.674e+04
49	1	1.087e+06	2.372e+04	0.40	-1.773e+04	0.0	-2519.58	8876.85	53.95	-1.248e+04	-1.040e+04	-3.178e+05
		-3.178e+05	-1.040e+04	-0.03	0.0	632.4	-2519.58	-8856.26	53.95	-1.248e+04	2.372e+04	-3.113e+05
49	2	8.703e+05	1.357e+04	0.31	-1.408e+04	0.0	-2381.77	7012.43	32.41	-8222.74	-6923.20	-2.340e+05
		-2.513e+05	-6923.20	-0.03	0.0	632.4	-2381.77	-7067.18	32.41	-8222.74	1.357e+04	-2.513e+05
49	3	8.560e+05	1.322e+04	0.36	-1.384e+04	0.0	-2658.28	6831.84	32.32	-1.152e+04	-7218.94	-2.098e+05
		-2.668e+05	-7218.94	-0.03	0.0	632.4	-2658.28	-7012.22	32.32	-1.152e+04	1.322e+04	-2.668e+05
49	7	8.063e+05	1.179e+04	0.30	-1.304e+04	0.0	-2392.10	6479.74	28.79	-8525.87	-6411.79	-2.115e+05
		-2.377e+05	-6411.79	-0.03	0.0	632.4	-2392.10	-6562.79	28.79	-8525.87	1.179e+04	-2.377e+05
49	8	6.568e+05	7732.46	0.27	-1.045e+04	0.0	-2551.80	5085.65	21.28	-1.022e+04	-5725.03	-1.252e+05
		-2.132e+05	-5725.03	-0.03	0.0	632.4	-2551.80	-5364.19	21.28	-1.022e+04	7732.46	-2.132e+05
49	10	3.849e+05	274.88	0.31	-1.045e+04	0.0	-1126.38	6757.96	15.67	-7478.15	-9635.92	-9.954e+05
		-9.954e+05	-9635.92	0.03	0.0	632.4	-1126.38	-3691.88	15.67	-7478.15	274.88	-2.599e+04
49	11	1.063e+06	2.372e+04	0.21	-1.045e+04	0.0	-3238.38	3519.45	44.27	-1.140e+04	-4276.51	6.902e+05
		-3.883e+05	-4276.51	-0.09	0.0	632.4	-3238.38	-6930.40	44.27	-1.140e+04	2.372e+04	-3.883e+05
49	13	1.075e+06	2.696e+04	0.20	-1.045e+04	0.0	-3041.40	3471.62	57.89	-1.259e+04	-9654.03	7.118e+05
		-3.969e+05	-9654.03	-0.08	0.0	632.4	-3041.40	-6978.22	57.89	-1.259e+04	2.696e+04	-3.969e+05
49	17	1.032e+06	2.664e+04	0.20	-1.045e+04	0.0	-2811.36	3591.69	57.48	-1.175e+04	-9701.19	6.450e+05
		-3.878e+05	-9701.19	-0.07	0.0	632.4	-2811.36	-6858.16	57.48	-1.175e+04	2.664e+04	-3.878e+05
49	42	6.471e+05	7282.77	0.26	-1.045e+04	0.0	-2404.79	5148.22	19.58	-9273.89	-5100.59	-1.547e+05
		-2.032e+05	-5100.59	-0.03	0.0	632.4	-2404.79	-5301.62	19.58	-9273.89	7282.77	-2.032e+05
49	43	6.471e+05	7282.77	0.26	-1.045e+04	0.0	-2404.79	5148.22	19.58	-9273.89	-5100.59	-1.547e+05
		-2.032e+05	-5100.59	-0.03	0.0	632.4	-2404.79	-5301.62	19.58	-9273.89	7282.77	-2.032e+05
49	44	6.471e+05	7282.77	0.26	-1.045e+04	0.0	-2404.79	5148.22	19.58	-9273.89	-5100.59	-1.547e+05
		-2.032e+05	-5100.59	-0.03	0.0	632.4	-2404.79	-5301.62	19.58	-9273.89	7282.77	-2.032e+05
50	1	8.524e+04	2.183e+04	0.12	-1598.97	0.0	1026.66	250.67	83.62	1.098e+04	-1.245e+04	7.749e+04
		-1.475e+05	-1.245e+04	-0.02	0.0	410.0	1026.66	-1348.31	83.62	1.098e+04	2.183e+04	-1.475e+05
50	2	6.605e+04	1.674e+04	0.10	-1229.98	0.0	989.22	183.04	68.33	6730.78	-1.128e+04	6.061e+04
		-1.165e+05	-1.128e+04	-0.02	0.0	410.0	989.22	-1046.94	68.33	6730.78	1.674e+04	-1.165e+05
50	3	8.942e+04	1.772e+04	0.12	-1598.97	0.0	1142.96	204.03	73.90	1.141e+04	-1.258e+04	8.408e+04
		-1.601e+05	-1.258e+04	-0.03	0.0	410.0	1142.96	-1394.95	73.90	1.141e+04	1.772e+04	-1.601e+05
50	4	6.934e+04	1.599e+04	0.09	-1229.98	0.0	1160.44	150.13	71.17	7150.33	-1.319e+04	6.559e+04
		-1.250e+05	-1.319e+04	-0.03	0.0	410.0	1160.44	-1079.85	71.17	7150.33	1.599e+04	-1.250e+05
50	7	6.515e+04	1.615e+04	0.09	-1229.98	0.0	1015.16	185.57	67.17	6613.81	-1.139e+04	5.958e+04
		-1.165e+05	-1.139e+04	-0.02	0.0	410.0	1015.16	-1044.41	67.17	6613.81	1.615e+04	-1.165e+05
50	8	6.765e+04	1.581e+04	0.09	-1229.98	0.0	1138.56	161.94	69.69	6601.33	-1.276e+04	6.329e+04

		-1.225e+05	-1.276e+04	-0.03	0.0	410.0	1138.56	-1068.04	69.69	6601.33	1.581e+04	-1.225e+05
50	10	3.113e+04	1.794e+04	0.08	-1229.98	0.0	1127.46	530.27	89.71	2.854e+04	-1.884e+04	-1.573e+04
		-5.046e+04	-1.884e+04	0.01	0.0	410.0	1127.46	-699.71	89.71	2.854e+04	1.794e+04	-5.046e+04
50	13	7.860e+04	2.049e+04	0.08	-1229.98	0.0	810.13	111.70	74.91	-1.062e+04	-1.023e+04	7.672e+04
		-1.296e+05	-1.023e+04	-0.06	0.0	410.0	810.13	-1118.28	74.91	-1.062e+04	2.049e+04	-1.296e+05
50	18	4.145e+05	1.208e+04	0.12	-1229.98	0.0	2715.60	2824.14	68.01	4746.99	-1.580e+04	-4.912e+05
		-4.912e+05	-1.580e+04	-0.06	0.0	410.0	2715.60	1594.16	68.01	4746.99	1.208e+04	4.145e+05
50	19	6.050e+05	1.575e+04	0.07	-1229.98	0.0	-652.95	-2431.36	54.08	7460.03	-6422.48	6.050e+05
		-6.440e+05	-6422.48	0.01	0.0	410.0	-652.95	-3661.34	54.08	7460.03	1.575e+04	-6.440e+05
50	42	6.143e+04	1.459e+04	0.08	-1229.98	0.0	1080.46	202.73	63.88	6025.08	-1.160e+04	5.471e+04
		-1.143e+05	-1.160e+04	-0.03	0.0	410.0	1080.46	-1027.25	63.88	6025.08	1.459e+04	-1.143e+05
50	43	6.143e+04	1.459e+04	0.08	-1229.98	0.0	1080.46	202.73	63.88	6025.08	-1.160e+04	5.471e+04
		-1.143e+05	-1.160e+04	-0.03	0.0	410.0	1080.46	-1027.25	63.88	6025.08	1.459e+04	-1.143e+05
50	44	6.143e+04	1.459e+04	0.08	-1229.98	0.0	1080.46	202.73	63.88	6025.08	-1.160e+04	5.471e+04
		-1.143e+05	-1.160e+04	-0.03	0.0	410.0	1080.46	-1027.25	63.88	6025.08	1.459e+04	-1.143e+05
51	1	4.055e+04	1839.80	0.03	-1579.50	0.0	-7068.44	787.59	8.31	-6585.80	-1526.26	-3.897e+04
		-3.985e+04	-1526.26	-0.01	0.0	405.0	-7068.44	-791.91	8.31	-6585.80	1839.80	-3.985e+04
51	3	4.021e+04	1997.08	0.03	-1579.50	0.0	-6916.64	787.85	8.96	-7197.45	-1633.14	-3.937e+04
		-4.014e+04	-1633.14	-0.01	0.0	405.0	-6916.64	-791.65	8.96	-7197.45	1997.08	-4.014e+04
51	5	3.872e+04	1849.87	0.03	-1579.50	0.0	-5929.57	787.87	8.32	-7395.89	-1521.67	-4.087e+04
		-4.163e+04	-1521.67	-0.01	0.0	405.0	-5929.57	-791.63	8.32	-7395.89	1849.87	-4.163e+04
51	6	2.968e+04	1463.43	0.02	-1215.00	0.0	-4438.67	605.98	6.62	-7082.84	-1219.65	-3.153e+04
		-3.214e+04	-1219.65	-0.01	0.0	405.0	-4438.67	-609.02	6.62	-7082.84	1463.43	-3.214e+04
51	7	3.105e+04	1491.41	0.03	-1215.00	0.0	-5282.46	605.75	6.77	-7480.86	-1248.45	-3.011e+04
		-3.082e+04	-1248.45	-0.01	0.0	405.0	-5282.46	-609.25	6.77	-7480.86	1491.41	-3.082e+04
51	8	3.070e+04	1598.13	0.03	-1215.00	0.0	-5063.29	605.29	7.22	-7392.75	-1325.92	-3.037e+04
		-3.126e+04	-1325.92	-0.01	0.0	405.0	-5063.29	-609.71	7.22	-7392.75	1598.13	-3.126e+04
51	9	2.983e+04	1479.27	0.02	-1215.00	0.0	-4534.33	605.94	6.70	-7205.50	-1232.25	-3.137e+04
		-3.200e+04	-1232.25	-0.01	0.0	405.0	-4534.33	-609.06	6.70	-7205.50	1479.27	-3.200e+04
51	12	2.880e+04	1546.56	0.02	-1215.00	0.0	-3949.22	604.49	5.99	-6556.02	-878.25	-3.210e+04
		-3.332e+04	-878.25	0.05	0.0	405.0	-3949.22	-610.51	5.99	-6556.02	1546.56	-3.332e+04
51	13	3.078e+04	1350.69	0.03	-1215.00	0.0	-5156.12	606.90	7.07	-4397.98	-1511.99	-3.061e+04
		-3.085e+04	-1511.99	-0.07	0.0	405.0	-5156.12	-608.10	7.07	-4397.98	1350.69	-3.085e+04
51	21	2.976e+04	2765.08	0.02	-1215.00	0.0	-4451.75	590.17	12.43	-1.013e+04	-2270.04	-2.824e+04
		-3.526e+04	-2270.04	0.04	0.0	405.0	-4451.75	-624.83	12.43	-1.013e+04	2765.08	-3.526e+04
51	42	2.982e+04	1482.47	0.02	-1215.00	0.0	-4528.28	605.90	6.70	-7216.78	-1232.52	-3.136e+04
		-3.201e+04	-1232.52	-0.01	0.0	405.0	-4528.28	-609.10	6.70	-7216.78	1482.47	-3.201e+04
51	43	2.982e+04	1482.47	0.02	-1215.00	0.0	-4528.28	605.90	6.70	-7216.78	-1232.52	-3.136e+04
		-3.201e+04	-1232.52	-0.01	0.0	405.0	-4528.28	-609.10	6.70	-7216.78	1482.47	-3.201e+04
51	44	2.982e+04	1482.47	0.02	-1215.00	0.0	-4528.28	605.90	6.70	-7216.78	-1232.52	-3.136e+04
		-3.201e+04	-1232.52	-0.01	0.0	405.0	-4528.28	-609.10	6.70	-7216.78	1482.47	-3.201e+04
52	1	3.092e+04	3140.52	0.07	-1579.50	0.0	-5208.85	739.20	13.88	-9371.90	-2479.68	-3.884e+04
		-5.931e+04	-2479.68	-0.01	0.0	405.0	-5208.85	-840.30	13.88	-9371.90	3140.52	-5.931e+04
52	3	3.158e+04	3310.45	0.07	-1579.50	0.0	-5198.34	741.62	14.70	-7289.92	-2641.27	-3.864e+04
		-5.813e+04	-2641.27	-0.01	0.0	405.0	-5198.34	-837.88	14.70	-7289.92	3310.45	-5.813e+04
52	5	2.990e+04	3105.87	0.06	-1579.50	0.0	-4379.32	741.89	13.73	-8065.72	-2455.62	-4.037e+04
		-5.975e+04	-2455.62	-0.01	0.0	405.0	-4379.32	-837.61	13.73	-8065.72	3105.87	-5.975e+04
52	6	2.289e+04	2464.86	0.05	-1215.00	0.0	-3264.63	569.17	10.82	-1.005e+04	-1917.50	-3.086e+04
		-4.639e+04	-1917.50	-0.01	0.0	405.0	-3264.63	-645.83	10.82	-1.005e+04	2464.86	-4.639e+04
52	7	2.366e+04	2507.65	0.06	-1215.00	0.0	-3876.44	567.14	11.02	-1.031e+04	-1955.07	-2.974e+04
		-4.608e+04	-1955.07	-0.01	0.0	405.0	-3876.44	-647.86	11.02	-1.031e+04	2507.65	-4.608e+04
52	8	2.379e+04	2649.10	0.06	-1215.00	0.0	-3763.73	569.27	11.68	-7189.25	-2082.89	-2.998e+04
		-4.547e+04	-2082.89	-0.01	0.0	405.0	-3763.73	-645.73	11.68	-7189.25	2649.10	-4.547e+04
52	9	2.298e+04	2483.83	0.05	-1215.00	0.0	-3334.80	568.91	10.91	-1.014e+04	-1934.85	-3.073e+04
		-4.636e+04	-1934.85	-0.01	0.0	405.0	-3334.80	-646.09	10.91	-1.014e+04	2483.83	-4.636e+04
52	11	2.364e+04	3837.62	0.06	-1215.00	0.0	-3774.18	566.00	17.07	-3825.38	-3075.47	-2.956e+04
		-4.637e+04	-3075.47	-0.11	0.0	405.0	-3774.18	-649.00	17.07	-3825.38	3837.62	-4.637e+04
52	18	2.573e+04	1472.31	0.06	-1215.00	0.0	-4573.64	573.69	6.27	-6649.77	-1065.14	-2.894e+04
		-4.263e+04	-1065.14	-0.04	0.0	405.0	-4573.64	-641.31	6.27	-6649.77	1472.31	-4.263e+04
52	21	2.037e+04	3778.12	0.04	-1215.00	0.0	-2071.09	564.89	17.06	-1.441e+04	-3130.18	-3.262e+04
		-4.988e+04	-3130.18	0.04	0.0	405.0	-2071.09	-650.11	17.06	-1.441e+04	3778.12	-4.988e+04
52	25	2.055e+04	3514.75	0.04	-1215.00	0.0	-2199.73	564.12	15.91	-1.395e+04	-2928.67	-3.231e+04
		-4.988e+04	-2928.67	0.03	0.0	405.0	-2199.73	-650.88	15.91	-1.395e+04	3514.75	-4.988e+04
52	42	2.296e+04	2470.72	0.05	-1215.00	0.0	-3325.79	568.90	10.86	-1.011e+04	-1926.95	-3.075e+04
		-4.638e+04	-1926.95	-0.01	0.0	405.0	-3325.79	-646.10	10.86	-1.011e+04	2470.72	-4.638e+04
52	43	2.296e+04	2470.72	0.05	-1215.00	0.0	-3325.79	568.90	10.86	-1.011e+04	-1926.95	-3.075e+04
		-4.638e+04	-1926.95	-0.01	0.0	405.0	-3325.79	-646.10	10.86	-1.011e+04	2470.72	-4.638e+04
52	44	2.296e+04	2470.72	0.05	-1215.00	0.0	-3325.79	568.90	10.86	-1.011e+04	-1926.95	-3.075e+04
		-4.638e+04	-1926.95	-0.01	0.0	405.0	-3325.79	-646.10	10.86	-1.011e+04	2470.72	-4.638e+04
54	2	4.668e+05	3276.14	-0.34	-1.338e+04	0.0	-1.071e+04	6552.65	-9.71	630.72	3276.14	-5.111e+05
		-5.955e+05	-2647.41	-0.01	0.0	609.8	-5797.31	-6829.53	-9.71	630.72	-2647.41	-5.955e+05
54	3	9.478e+05	4184.02	-0.75	-2.068e+04	0.0	-1.614e+04	1.034e+04	-12.54	-502.80	4184.02	-6.288e+05
		-6.288e+05	-3463.28	-0.02	0.0	609.8	-8549.62	-1.034e+04	-12.54	-502.80	-3463.28	-6.286e+05
54	4	6.417e+05	3247.58	-0.49	-1.667e+04	0.0	-1.305e+04	8333.77	-9.65	-184.19	3247.58	-6.288e+05
		-6.288e+05	-2634.12	-0.01	0.0	609.8	-6939.71	-8333.77	-9.65	-184.19	-2634.12	-6.288e+05
54	7	4.681e+05	3096.98	-0.35	-1.338e+04	0.0	-1.074e+04	6545.08	-9.14	493.86	3096.98	-5.074e+05
		-5.965e+05	-2478.60	-0.01	0.0	609.8	-5831.15	-6837.10	-9.14	493.86	-2478.60	-5.965e+05

54	8	5.634e+05	3046.53	-0.42	-1.557e+04	0.0	-1.228e+04	7803.31	-8.99	58.07	3046.53	-6.288e+05
		-6.288e+05	-2438.04	-0.01	0.0	609.8	-6566.60	-7769.11	-8.99	58.07	-2438.04	-6.184e+05
54	10	3.911e+05	3651.47	-0.24	-1.338e+04	0.0	-1.116e+04	6691.11	-10.23	-1906.76	3651.47	-6.290e+05
		-6.290e+05	-2586.67	0.13	0.0	609.8	-6252.91	-6691.07	-10.23	-1906.76	-2586.67	-6.289e+05
54	11	6.178e+05	1750.09	-0.51	-1.338e+04	0.0	-1.073e+04	6005.22	-5.57	1612.72	1750.09	-2.033e+05
		-6.216e+05	-1644.61	-0.14	0.0	609.8	-5825.82	-7376.97	-5.57	1612.72	-1644.61	-6.216e+05
54	18	4.895e+05	482.59	-0.38	-1.338e+04	0.0	-1.124e+04	6450.24	-2.63	-1410.79	482.59	-4.571e+05
		-6.040e+05	-1118.46	-0.05	0.0	609.8	-6327.00	-6931.94	-2.63	-1410.79	-1118.46	-6.040e+05
54	19	4.481e+05	4745.62	-0.32	-1.338e+04	0.0	-1.045e+04	6577.18	-12.59	1640.76	4745.62	-5.372e+05
		-6.067e+05	-2931.30	0.02	0.0	609.8	-5539.30	-6805.00	-12.59	1640.76	-2931.30	-6.067e+05
54	21	4.388e+05	5179.52	-0.31	-1.338e+04	0.0	-1.046e+04	6605.61	-13.78	1594.68	5179.52	-5.552e+05
		-6.073e+05	-3221.76	0.05	0.0	609.8	-5550.59	-6776.57	-13.78	1594.68	-3221.76	-6.073e+05
54	25	4.426e+05	5083.42	-0.31	-1.338e+04	0.0	-1.050e+04	6593.47	-13.66	1528.43	5083.42	-5.477e+05
		-6.072e+05	-3243.70	0.04	0.0	609.8	-5591.13	-6788.71	-13.66	1528.43	-3243.70	-6.072e+05
54	42	4.692e+05	2612.66	-0.35	-1.338e+04	0.0	-1.084e+04	6517.54	-7.60	118.52	2612.66	-4.980e+05
		-6.038e+05	-2023.61	-0.01	0.0	609.8	-5928.90	-6864.65	-7.60	118.52	-2023.61	-6.038e+05
54	43	4.692e+05	2612.66	-0.35	-1.338e+04	0.0	-1.084e+04	6517.54	-7.60	118.52	2612.66	-4.980e+05
		-6.038e+05	-2023.61	-0.01	0.0	609.8	-5928.90	-6864.65	-7.60	118.52	-2023.61	-6.038e+05
54	44	4.692e+05	2612.66	-0.35	-1.338e+04	0.0	-1.084e+04	6517.54	-7.60	118.52	2612.66	-4.980e+05
		-6.038e+05	-2023.61	-0.01	0.0	609.8	-5928.90	-6864.65	-7.60	118.52	-2023.61	-6.038e+05
55	1	7.087e+05	3701.80	-0.40	-1.740e+04	0.0	-7072.86	8713.08	10.84	76.99	-2907.10	-6.218e+05
		-6.218e+05	-2907.10	-0.02	0.0	609.8	-1.345e+04	-8683.77	10.84	76.99	3701.80	-6.129e+05
55	2	5.109e+05	2955.48	-0.27	-1.338e+04	0.0	-5638.21	6980.51	8.65	27.54	-2322.19	-5.974e+05
		-5.974e+05	-2322.19	-0.01	0.0	609.8	-1.055e+04	-6401.68	8.65	27.54	2955.48	-4.209e+05
55	3	9.477e+05	3675.98	-0.58	-2.068e+04	0.0	-8387.07	1.034e+04	10.91	1148.47	-2975.76	-6.288e+05
		-6.288e+05	-2975.76	-0.02	0.0	609.8	-1.597e+04	-1.034e+04	10.91	1148.47	3675.98	-6.288e+05
55	7	5.125e+05	2775.93	-0.28	-1.338e+04	0.0	-5671.28	6989.05	8.08	162.36	-2152.89	-5.985e+05
		-5.985e+05	-2152.89	-0.02	0.0	609.8	-1.058e+04	-6393.14	8.08	162.36	2775.93	-4.168e+05
55	8	6.074e+05	2707.60	-0.33	-1.557e+04	0.0	-6401.77	7918.74	7.88	649.07	-2098.73	-6.201e+05
		-6.201e+05	-2098.73	-0.02	0.0	609.8	-1.211e+04	-7653.69	7.88	649.07	2707.60	-5.392e+05
55	10	6.708e+05	1206.48	-0.38	-1.338e+04	0.0	-5687.98	7547.51	3.46	-1205.04	-901.44	-6.271e+05
		-6.271e+05	-901.44	0.13	0.0	609.8	-1.060e+04	-5834.68	3.46	-1205.04	1206.48	-1.049e+05
55	11	3.925e+05	3343.58	-0.18	-1.338e+04	0.0	-6112.75	6686.91	9.64	2219.16	-2537.72	-6.263e+05
		-6.289e+05	-2537.72	-0.15	0.0	609.8	-1.102e+04	-6695.28	9.64	2219.16	3343.58	-6.289e+05
55	13	3.980e+05	3478.86	-0.19	-1.338e+04	0.0	-6067.82	6668.77	10.16	1994.22	-2715.56	-6.152e+05
		-6.289e+05	-2715.56	-0.10	0.0	609.8	-1.098e+04	-6713.41	10.16	1994.22	3478.86	-6.289e+05
55	18	4.913e+05	1496.04	-0.25	-1.338e+04	0.0	-6325.24	6943.34	5.33	2342.09	-1751.16	-6.057e+05
		-6.057e+05	-1751.16	-0.07	0.0	609.8	-1.123e+04	-6438.84	5.33	2342.09	1496.04	-4.519e+05
55	21	5.443e+05	2836.43	-0.30	-1.338e+04	0.0	-5181.62	7129.59	7.03	-1504.11	-1451.33	-6.102e+05
		-6.102e+05	-1451.33	0.06	0.0	609.8	-1.009e+04	-6252.60	7.03	-1504.11	2836.43	-3.428e+05
55	42	5.132e+05	2294.60	-0.28	-1.338e+04	0.0	-5770.40	7015.55	6.55	514.93	-1701.51	-6.058e+05
		-6.058e+05	-1701.51	-0.02	0.0	609.8	-1.068e+04	-6366.64	6.55	514.93	2294.60	-4.079e+05
55	43	5.132e+05	2294.60	-0.28	-1.338e+04	0.0	-5770.40	7015.55	6.55	514.93	-1701.51	-6.058e+05
		-6.058e+05	-1701.51	-0.02	0.0	609.8	-1.068e+04	-6366.64	6.55	514.93	2294.60	-4.079e+05
55	44	5.132e+05	2294.60	-0.28	-1.338e+04	0.0	-5770.40	7015.55	6.55	514.93	-1701.51	-6.058e+05
		-6.058e+05	-1701.51	-0.02	0.0	609.8	-1.068e+04	-6366.64	6.55	514.93	2294.60	-4.079e+05
56	1	1.178e+05	3.114e+04	-0.03	-4397.25	0.0	4804.18	2143.62	121.84	2.777e+04	-1.882e+04	-9.630e+04
		-1.189e+05	-1.882e+04	-0.02	0.0	410.0	4804.18	-2253.63	121.84	2.777e+04	3.114e+04	-1.189e+05
56	3	1.128e+05	3.941e+04	-0.01	-4397.25	0.0	5184.82	2030.36	149.19	-761.82	-2.176e+04	-7.886e+04
		-1.478e+05	-2.176e+04	-0.02	0.0	410.0	5184.82	-2366.89	149.19	-761.82	3.941e+04	-1.478e+05
56	6	8.691e+04	2.602e+04	-0.01	-3382.50	0.0	3412.27	1570.49	99.74	-2.286e+04	-1.487e+04	-6.207e+04
		-1.116e+05	-1.487e+04	-0.02	0.0	410.0	3412.27	-1812.01	99.74	-2.286e+04	2.602e+04	-1.116e+05
56	7	8.932e+04	2.429e+04	-0.02	-3382.50	0.0	3673.56	1652.33	94.37	-3.032e+04	-1.441e+04	-7.605e+04
		-9.201e+04	-1.441e+04	-0.02	0.0	410.0	3673.56	-1730.17	94.37	-3.032e+04	2.429e+04	-9.201e+04
56	8	8.633e+04	2.838e+04	-0.01	-3382.50	0.0	3847.64	1591.84	107.49	257.82	-1.569e+04	-6.665e+04
		-1.074e+05	-1.569e+04	-0.02	0.0	410.0	3847.64	-1790.66	107.49	257.82	2.838e+04	-1.074e+05
56	9	8.712e+04	2.581e+04	-0.01	-3382.50	0.0	3444.04	1579.01	99.07	-2.284e+04	-1.481e+04	-6.339e+04
		-1.094e+05	-1.481e+04	-0.02	0.0	410.0	3444.04	-1803.49	99.07	-2.284e+04	2.581e+04	-1.094e+05
56	10	1.492e+05	2.509e+04	-5.72e-03	-3382.50	0.0	4085.49	914.89	79.11	-627.42	-7341.11	9.873e+04
		-2.196e+05	-7341.11	0.08	0.0	410.0	4085.49	-2467.61	79.11	-627.42	2.509e+04	-2.196e+05
56	11	7.456e+04	2.914e+04	-0.02	-3382.50	0.0	2981.32	2144.46	126.40	-6.090e+04	-2.269e+04	-2.041e+05
		-2.041e+05	-2.269e+04	-0.10	0.0	410.0	2981.32	-1238.04	126.40	-6.090e+04	2.914e+04	-1.828e+04
56	18	8.463e+04	3.763e+04	0.02	-3382.50	0.0	2848.81	2863.15	129.71	-4.793e+04	-1.555e+04	-4.116e+05
		-4.116e+05	-1.555e+04	-0.05	0.0	410.0	2848.81	-519.35	129.71	-4.793e+04	3.763e+04	6.885e+04
56	21	3.199e+05	1.110e+04	-0.04	-3382.50	0.0	4032.47	168.57	55.72	1.611e+04	-1.175e+04	3.183e+05
		-3.060e+05	-1.175e+04	0.03	0.0	410.0	4032.47	-3213.93	55.72	1.611e+04	1.110e+04	-3.060e+05
56	24	8.553e+04	3.872e+04	0.01	-3382.50	0.0	2912.50	2863.35	135.75	-5.485e+04	-1.694e+04	-4.108e+05
		-4.108e+05	-1.694e+04	-0.06	0.0	410.0	2912.50	-519.15	135.75	-5.485e+04	3.872e+04	6.976e+04
56	42	8.763e+04	2.569e+04	-0.01	-3382.50	0.0	3448.51	1573.62	98.56	-2.240e+04	-1.472e+04	-6.191e+04
		-1.101e+05	-1.472e+04	-0.02	0.0	410.0	3448.51	-1808.88	98.56	-2.240e+04	2.569e+04	-1.101e+05
56	43	8.763e+04	2.569e+04	-0.01	-3382.50	0.0	3448.51	1573.62	98.56	-2.240e+04	-1.472e+04	-6.191e+04
		-1.101e+05	-1.472e+04	-0.02	0.0	410.0	3448.51	-1808.88	98.56	-2.240e+04	2.569e+04	-1.101e+05
56	44	8.763e+04	2.569e+04	-0.01	-3382.50	0.0	3448.51	1573.62	98.56	-2.240e+04	-1.472e+04	-6.191e+04
		-1.101e+05	-1.472e+04	-0.02	0.0	410.0	3448.51	-1808.88	98.56	-2.240e+04	2.569e+04	-1.101e+05
57	3	3.670e+05	1.183e+04	0.37	-1.151e+04	0.0	-1.153e+04	5997.27	-33.03	-2486.78	1.183e+04	-5.839e+05
		-5.839e+05	-8307.86	-0.05	0.0	609.8	-1.576e+04	-5516.73	-33.03	-2486.78	-8307.86	-4.374e+05
57	6	2.516e+05	8331.05	0.25	-7585.58	0.0	-7790.45	4154.87	-22.87	-1674.44	8331.05	-4.418e+05

	-4.418e+05	-5612.54	-0.04	0.0	609.8	-1.057e+04	-3430.70	-22.87	-1674.44	-5612.54	-2.210e+05	
57	8 2.795e+05	8806.39	0.28	-8687.41	0.0	-8803.39	4695.60	-24.42	-1691.43	8806.39	-4.930e+05	
	-4.930e+05	-6084.84	-0.04	0.0	609.8	-1.199e+04	-3991.80	-24.42	-1691.43	-6084.84	-2.785e+05	
57	9 2.513e+05	8360.80	0.25	-7585.58	0.0	-7815.85	4153.60	-22.93	-1611.93	8360.80	-4.417e+05	
	-4.417e+05	-5622.17	-0.04	0.0	609.8	-1.060e+04	-3431.98	-22.93	-1611.93	-5622.17	-2.216e+05	
57	12 3.686e+05	7504.80	0.30	-7585.58	0.0	-6790.63	4513.20	-24.18	1224.77	7504.80	-4.481e+05	
	-4.481e+05	-7240.12	0.05	0.0	609.8	-9573.11	-3072.38	-24.18	1224.77	-7240.12	-8780.54	
57	13 1.397e+05	9334.91	0.20	-7585.58	0.0	-8881.93	3773.17	-22.20	-5015.03	9334.91	-4.326e+05	
	-4.445e+05	-4203.16	-0.12	0.0	609.8	-1.166e+04	-3812.41	-22.20	-5015.03	-4203.16	-4.445e+05	
57	18 2.639e+05	2.188e+04	0.23	-7585.58	0.0	-8022.16	4190.05	-87.61	1.074e+04	2.188e+04	-4.416e+05	
	-4.416e+05	-3.155e+04	-0.10	0.0	609.8	-1.080e+04	-3395.53	-87.61	1.074e+04	-3.155e+04	-1.993e+05	
57	19 2.397e+05	2.539e+04	0.28	-7585.58	0.0	-7604.17	4122.02	53.34	-1.737e+04	-7132.63	-4.424e+05	
	-4.424e+05	-7132.63	0.02	0.0	609.8	-1.039e+04	-3463.55	53.34	-1.737e+04	2.539e+04	-2.416e+05	
57	42 2.514e+05	8340.45	0.25	-7585.58	0.0	-7806.16	4154.18	-22.89	-1618.49	8340.45	-4.418e+05	
	-4.418e+05	-5617.02	-0.04	0.0	609.8	-1.059e+04	-3431.40	-22.89	-1618.49	-5617.02	-2.214e+05	
57	43 2.514e+05	8340.45	0.25	-7585.58	0.0	-7806.16	4154.18	-22.89	-1618.49	8340.45	-4.418e+05	
	-4.418e+05	-5617.02	-0.04	0.0	609.8	-1.059e+04	-3431.40	-22.89	-1618.49	-5617.02	-2.214e+05	
57	44 2.514e+05	8340.45	0.25	-7585.58	0.0	-7806.16	4154.18	-22.89	-1618.49	8340.45	-4.418e+05	
	-4.418e+05	-5617.02	-0.04	0.0	609.8	-1.059e+04	-3431.40	-22.89	-1618.49	-5617.02	-2.214e+05	
60	1 1.440e+05	1.150e+04	-0.03	-4397.25	0.0	4635.45	2185.31	-60.32	-5.132e+04	1.150e+04	-7.861e+04	
	-8.407e+04	-1.323e+04	-6.14e-03	0.0	410.0	4635.45	-2211.94	-60.32	-5.132e+04	-1.323e+04	-8.407e+04	
60	3 1.399e+05	1.366e+04	-0.02	-4397.25	0.0	4998.72	2081.31	-81.97	-3.072e+04	1.366e+04	-6.138e+04	
	-1.095e+05	-1.994e+04	-3.23e-03	0.0	410.0	4998.72	-2315.94	-81.97	-3.072e+04	-1.994e+04	-1.095e+05	
60	5 1.403e+05	1.164e+04	-0.02	-4397.25	0.0	4276.36	2077.60	-65.33	-3.972e+04	1.164e+04	-6.022e+04	
	-1.098e+05	-1.515e+04	-5.35e-03	0.0	410.0	4276.36	-2319.65	-65.33	-3.972e+04	-1.515e+04	-1.098e+05	
60	6 1.062e+05	9277.92	-0.01	-3382.50	0.0	3306.73	1570.03	-55.80	9663.74	9277.92	-4.269e+04	
	-9.238e+04	-1.360e+04	-5.40e-03	0.0	410.0	3306.73	-1812.47	-55.80	9663.74	-1.360e+04	-9.238e+04	
60	7 1.089e+05	9082.45	-0.02	-3382.50	0.0	3561.15	1657.16	-50.84	1.877e+04	9082.45	-5.743e+04	
	-7.141e+04	-1.176e+04	-5.77e-03	0.0	410.0	3561.15	-1725.34	-50.84	1.877e+04	-1.176e+04	-7.141e+04	
60	8 1.071e+05	1.012e+04	-0.01	-3382.50	0.0	3728.04	1601.28	-61.45	-1.371e+04	1.012e+04	-4.786e+04	
	-8.474e+04	-1.508e+04	-4.38e-03	0.0	410.0	3728.04	-1781.22	-61.45	-1.371e+04	-1.508e+04	-8.474e+04	
60	9 1.065e+05	9266.93	-0.01	-3382.50	0.0	3336.07	1580.28	-55.12	9967.38	9266.93	-4.424e+04	
	-8.974e+04	-1.333e+04	-5.38e-03	0.0	410.0	3336.07	-1802.22	-55.12	9967.38	-1.333e+04	-8.974e+04	
60	12 1.078e+05	1.210e+04	-0.04	-3382.50	0.0	2880.00	1733.91	-54.09	1.207e+04	1.210e+04	-7.432e+04	
	-7.432e+04	-1.007e+04	0.05	0.0	410.0	2880.00	-1648.59	-54.09	1.207e+04	-1.007e+04	-5.683e+04	
60	13 1.097e+05	6928.11	0.01	-3382.50	0.0	3845.72	1430.95	-56.97	-9215.90	6928.11	-1.420e+04	
	-1.209e+05	-1.643e+04	-0.05	0.0	410.0	3845.72	-1951.55	-56.97	-9215.90	-1.643e+04	-1.209e+05	
60	18 8.302e+04	2441.21	0.02	-3382.50	0.0	3356.07	2630.77	-52.96	-7188.11	2441.21	-3.359e+05	
	-3.359e+05	-1.927e+04	-0.03	0.0	410.0	3356.07	-751.73	-52.96	-7188.11	-1.927e+04	4.930e+04	
60	19 2.654e+05	1.628e+04	-0.04	-3382.50	0.0	3324.16	522.18	-58.09	2.719e+04	1.628e+04	2.495e+05	
	-2.298e+05	-7536.28	0.02	0.0	410.0	3324.16	-2860.32	-58.09	2.719e+04	-7536.28	-2.298e+05	
60	21 2.638e+05	1.880e+04	-0.05	-3382.50	0.0	3419.43	534.12	-69.16	3.977e+04	1.880e+04	2.472e+05	
	-2.273e+05	-9558.17	0.04	0.0	410.0	3419.43	-2848.38	-69.16	3.977e+04	-9558.17	-2.273e+05	
60	22 8.196e+04	3495.23	0.02	-3382.50	0.0	3304.10	2568.48	-55.67	-2558.51	3495.23	-3.178e+05	
	-3.178e+05	-1.933e+04	-0.02	0.0	410.0	3304.10	-814.02	-55.67	-2558.51	-1.933e+04	4.186e+04	
60	42 1.067e+05	9377.61	-0.01	-3382.50	0.0	3337.12	1578.49	-55.52	1.038e+04	9377.61	-4.373e+04	
	-8.996e+04	-1.339e+04	-4.80e-03	0.0	410.0	3337.12	-1804.01	-55.52	1.038e+04	-1.339e+04	-8.996e+04	
60	43 1.067e+05	9377.61	-0.01	-3382.50	0.0	3337.12	1578.49	-55.52	1.038e+04	9377.61	-4.373e+04	
	-8.996e+04	-1.339e+04	-4.80e-03	0.0	410.0	3337.12	-1804.01	-55.52	1.038e+04	-1.339e+04	-8.996e+04	
60	44 1.067e+05	9377.61	-0.01	-3382.50	0.0	3337.12	1578.49	-55.52	1.038e+04	9377.61	-4.373e+04	
	-8.996e+04	-1.339e+04	-4.80e-03	0.0	410.0	3337.12	-1804.01	-55.52	1.038e+04	-1.339e+04	-8.996e+04	
61	1 8.565e+04	2.429e+04	-0.02	-4343.62	0.0	9623.75	2566.44	-26.61	4.105e+04	2.429e+04	-2.207e+05	
	-2.207e+05	1.352e+04	-6.24e-03	0.0	405.0	9623.75	-1777.19	-26.61	4.105e+04	1.352e+04	-6.089e+04	
61	2 7.011e+04	1.854e+04	-0.02	-3341.25	0.0	7524.66	1996.70	-23.94	-1.762e+04	1.854e+04	-1.710e+05	
	-1.710e+05	8840.51	-5.91e-03	0.0	405.0	7524.66	-1344.54	-23.94	-1.762e+04	8840.51	-3.895e+04	
61	3 6.882e+04	3.088e+04	-0.02	-4343.62	0.0	1.018e+04	2557.29	-34.27	2.888e+04	3.088e+04	-2.355e+05	
	-2.355e+05	1.700e+04	-8.94e-03	0.0	405.0	1.018e+04	-1786.33	-34.27	2.888e+04	1.700e+04	-7.934e+04	
61	6 5.378e+04	2.054e+04	-0.01	-3341.25	0.0	6624.37	1960.49	-25.82	-1.621e+04	2.054e+04	-1.788e+05	
	-1.788e+05	1.009e+04	-8.38e-03	0.0	405.0	6624.37	-1380.76	-25.82	-1.621e+04	1.009e+04	-6.136e+04	
61	7 6.559e+04	1.904e+04	-0.02	-3341.25	0.0	7305.89	1985.37	-24.06	-1.695e+04	1.904e+04	-1.727e+05	
	-1.727e+05	9294.32	-6.43e-03	0.0	405.0	7305.89	-1355.87	-24.06	-1.695e+04	9294.32	-4.519e+04	
61	8 5.593e+04	2.248e+04	-0.01	-3341.25	0.0	7487.38	1976.08	-28.18	-1.045e+04	2.248e+04	-1.802e+05	
	-1.802e+05	1.107e+04	-7.59e-03	0.0	405.0	7487.38	-1365.17	-28.18	-1.045e+04	1.107e+04	-5.646e+04	
61	9 5.489e+04	2.037e+04	-0.01	-3341.25	0.0	6705.32	1961.25	-25.32	-1.600e+04	2.037e+04	-1.778e+05	
	-1.778e+05	1.012e+04	-8.07e-03	0.0	405.0	6705.32	-1380.00	-25.32	-1.600e+04	1.012e+04	-6.012e+04	
61	10 3.605e+04	3.284e+04	-1.57e-03	-3341.25	0.0	7627.87	1576.12	-61.77	7.133e+04	3.284e+04	-1.140e+05	
	-1.522e+05	7816.32	0.09	0.0	405.0	7627.87	-1765.13	-61.77	7.133e+04	7816.32	-1.522e+05	
61	13 7.469e+04	1.531e+04	-0.02	-3341.25	0.0	6043.67	2187.50	-14.14	-5.673e+04	1.531e+04	-2.147e+05	
	-2.147e+05	9583.65	-0.06	0.0	405.0	6043.67	-1153.74	-14.14	-5.673e+04	9583.65	-5387.75	
61	18 1.349e+05	2.831e+04	-8.10e-03	-3341.25	0.0	6216.48	2952.77	-48.08	-4.489e+04	2.831e+04	-3.934e+05	
	-3.934e+05	8840.43	-0.04	0.0	405.0	6216.48	-388.48	-48.08	-4.489e+04	8840.43	1.259e+05	
61	42 5.485e+04	2.037e+04	-0.01	-3341.25	0.0	6711.99	1956.88	-25.38	-1.550e+04	2.037e+04	-1.769e+05	
	-1.769e+05	1.009e+04	-7.50e-03	0.0	405.0	6711.99	-1384.37	-25.38	-1.550e+04	1.009e+04	-6.094e+04	
61	43 5.485e+04	2.037e+04	-0.01	-3341.25	0.0	6711.99	1956.88	-25.38	-1.550e+04	2.037e+04	-1.769e+05	
	-1.769e+05	1.009e+04	-7.50e-03	0.0	405.0	6711.99	-1384.37	-25.38	-1.550e+04	1.009e+04	-6.094e+04	
61	44 5.485e+04	2.037e+04	-0.01	-3341.25	0.0	6711.99	1956.88	-25.38	-1.550e+04	2.037e+04	-1.769e+05	
	-1.769e+05	1.009e+04	-7.50e-03	0.0	405.0	6711.99	-1384.37	-25.38	-1.550e+04	1.009e+04	-6.094e+04	

62	1	1.736e+05	2.565e+04	-7.07e-03	-4343.62	0.0	8979.33	2632.74	90.94	-1763.16	-1.118e+04	-1.492e+05
		-1.492e+05	-1.118e+04	-7.54e-03	0.0	405.0	8979.33	-1710.89	90.94	-1763.16	2.565e+04	3.749e+04
62	3	1.624e+05	2.493e+04	0.01	-4343.62	0.0	9480.68	2628.19	103.16	6483.83	-1.685e+04	-1.593e+05
		-1.593e+05	-1.685e+04	-7.29e-03	0.0	405.0	9480.68	-1715.43	103.16	6483.83	2.493e+04	2.553e+04
62	6	1.136e+05	1.754e+04	9.10e-03	-3341.25	0.0	6157.99	1992.07	73.71	1.537e+04	-1.231e+04	-1.263e+05
		-1.263e+05	-1.231e+04	-8.27e-03	0.0	405.0	6157.99	-1349.17	73.71	1.537e+04	1.754e+04	3838.68
62	7	1.285e+05	1.901e+04	5.17e-03	-3341.25	0.0	6822.19	2023.29	72.29	1.844e+04	-1.027e+04	-1.194e+05
		-1.194e+05	-1.027e+04	-7.62e-03	0.0	405.0	6822.19	-1317.96	72.29	1.844e+04	1.901e+04	2.346e+04
62	8	1.224e+05	1.900e+04	9.55e-03	-3341.25	0.0	6978.58	2017.28	79.28	1.330e+04	-1.311e+04	-1.239e+05
		-1.239e+05	-1.311e+04	-7.52e-03	0.0	405.0	6978.58	-1323.97	79.28	1.330e+04	1.900e+04	1.651e+04
62	9	1.155e+05	1.779e+04	8.70e-03	-3341.25	0.0	6232.21	1994.82	73.56	1.561e+04	-1.200e+04	-1.251e+05
		-1.251e+05	-1.200e+04	-8.09e-03	0.0	405.0	6232.21	-1346.42	73.56	1.561e+04	1.779e+04	6204.15
62	11	1.042e+05	2.233e+04	0.03	-3341.25	0.0	7185.56	1935.83	118.29	-5.407e+04	-2.558e+04	-1.228e+05
		-1.228e+05	-2.558e+04	-0.10	0.0	405.0	7185.56	-1405.41	118.29	-5.407e+04	2.233e+04	-1.534e+04
62	18	1.698e+05	1.843e+04	0.02	-3341.25	0.0	7440.29	2839.93	101.88	-1.088e+04	-2.284e+04	-3.186e+05
		-3.186e+05	-2.284e+04	-0.04	0.0	405.0	7440.29	-501.32	101.88	-1.088e+04	1.843e+04	1.550e+05
62	19	1.481e+05	1.725e+04	-7.77e-03	-3341.25	0.0	5035.96	1141.62	45.43	4.218e+04	-1149.92	6.970e+04
		-1.445e+05	-1149.92	0.02	0.0	405.0	5035.96	-2199.63	45.43	4.218e+04	1.725e+04	-1.445e+05
62	42	1.156e+05	1.777e+04	8.67e-03	-3341.25	0.0	6232.61	1993.57	73.37	1.608e+04	-1.194e+04	-1.248e+05
		-1.248e+05	-1.194e+04	-7.50e-03	0.0	405.0	6232.61	-1347.67	73.37	1.608e+04	1.777e+04	6031.29
62	43	1.156e+05	1.777e+04	8.67e-03	-3341.25	0.0	6232.61	1993.57	73.37	1.608e+04	-1.194e+04	-1.248e+05
		-1.248e+05	-1.194e+04	-7.50e-03	0.0	405.0	6232.61	-1347.67	73.37	1.608e+04	1.777e+04	6031.29
62	44	1.156e+05	1.777e+04	8.67e-03	-3341.25	0.0	6232.61	1993.57	73.37	1.608e+04	-1.194e+04	-1.248e+05
		-1.248e+05	-1.194e+04	-7.50e-03	0.0	405.0	6232.61	-1347.67	73.37	1.608e+04	1.777e+04	6031.29
63	1	4.955e+06	3053.58	-13.80	-3.901e+04	0.0	2.018e+04	1.951e+04	5.58	3031.47	-3331.64	-6.288e+05
		-6.288e+05	-3331.64	-0.03	0.0	1145.0	2.018e+04	-1.951e+04	5.58	3031.47	3053.58	-6.288e+05
63	2	3.546e+06	2237.68	-9.77	-2.917e+04	0.0	1.550e+04	1.459e+04	4.15	2266.59	-2508.43	-6.288e+05
		-6.288e+05	-2508.43	-0.03	0.0	1145.0	1.550e+04	-1.459e+04	4.15	2266.59	2237.68	-6.288e+05
63	3	4.457e+06	3281.96	-12.37	-3.554e+04	0.0	2.553e+04	1.777e+04	5.91	3201.66	-3482.09	-6.288e+05
		-6.288e+05	-3482.09	-0.04	0.0	1145.0	2.553e+04	-1.777e+04	5.91	3201.66	3281.96	-6.288e+05
63	4	3.049e+06	2483.10	-8.34	-2.569e+04	0.0	2.010e+04	1.285e+04	4.52	2471.65	-2697.27	-6.288e+05
		-6.288e+05	-2697.27	-0.03	0.0	1145.0	2.010e+04	-1.285e+04	4.52	2471.65	2483.10	-6.288e+05
63	7	3.513e+06	2247.86	-9.67	-2.894e+04	0.0	1.582e+04	1.447e+04	4.15	2265.62	-2499.74	-6.288e+05
		-6.288e+05	-2499.74	-0.03	0.0	1145.0	1.582e+04	-1.447e+04	4.15	2265.62	2247.86	-6.288e+05
63	8	3.181e+06	2415.26	-8.72	-2.662e+04	0.0	1.871e+04	1.331e+04	4.42	2407.45	-2645.46	-6.288e+05
		-6.288e+05	-2645.46	-0.03	0.0	1145.0	1.871e+04	-1.331e+04	4.42	2407.45	2415.26	-6.288e+05
63	9	3.181e+06	2215.76	-8.72	-2.662e+04	0.0	1.663e+04	1.331e+04	4.05	2206.26	-2422.52	-6.288e+05
		-6.288e+05	-2422.52	-0.03	0.0	1145.0	1.663e+04	-1.331e+04	4.05	2206.26	2215.76	-6.288e+05
63	10	3.179e+06	573.23	-8.68	-2.662e+04	0.0	1.756e+04	1.331e+04	1.00	1237.09	-570.64	-6.309e+05
		-6.309e+05	-570.64	0.26	0.0	1145.0	1.756e+04	-1.331e+04	1.00	1237.09	573.23	-6.306e+05
63	11	3.179e+06	3794.08	-8.76	-2.662e+04	0.0	1.665e+04	1.331e+04	6.96	3149.22	-4177.76	-6.307e+05
		-6.308e+05	-4177.76	-0.29	0.0	1145.0	1.665e+04	-1.331e+04	6.96	3149.22	3794.08	-6.308e+05
63	18	3.179e+06	2491.43	-8.73	-2.662e+04	0.0	1.784e+04	1.331e+04	4.91	2084.30	-3134.77	-6.307e+05
		-6.307e+05	-3134.77	-0.12	0.0	1145.0	1.784e+04	-1.331e+04	4.91	2084.30	2491.43	-6.307e+05
63	21	3.179e+06	1473.46	-8.71	-2.662e+04	0.0	1.538e+04	1.331e+04	2.36	2216.34	-1225.52	-6.308e+05
		-6.308e+05	-1225.52	0.11	0.0	1145.0	1.538e+04	-1.331e+04	2.36	2216.34	1473.46	-6.307e+05
63	24	3.179e+06	2814.77	-8.73	-2.662e+04	0.0	1.775e+04	1.331e+04	5.44	2166.31	-3418.26	-6.307e+05
		-6.307e+05	-3418.26	-0.15	0.0	1145.0	1.775e+04	-1.331e+04	5.44	2166.31	2814.77	-6.307e+05
63	42	3.181e+06	2215.02	-8.72	-2.662e+04	0.0	1.662e+04	1.331e+04	4.05	2208.75	-2419.20	-6.288e+05
		-6.288e+05	-2419.20	-0.03	0.0	1145.0	1.662e+04	-1.331e+04	4.05	2208.75	2215.02	-6.288e+05
63	43	3.181e+06	2215.02	-8.72	-2.662e+04	0.0	1.662e+04	1.331e+04	4.05	2208.75	-2419.20	-6.288e+05
		-6.288e+05	-2419.20	-0.03	0.0	1145.0	1.662e+04	-1.331e+04	4.05	2208.75	2215.02	-6.288e+05
63	44	3.181e+06	2215.02	-8.72	-2.662e+04	0.0	1.662e+04	1.331e+04	4.05	2208.75	-2419.20	-6.288e+05
		-6.288e+05	-2419.20	-0.03	0.0	1145.0	1.662e+04	-1.331e+04	4.05	2208.75	2215.02	-6.288e+05
64	1	4.985e+06	7580.86	-13.77	-3.923e+04	0.0	2.043e+04	1.961e+04	14.82	8166.56	-9391.34	-6.288e+05
		-6.288e+05	-9391.34	-0.03	0.0	1145.0	2.043e+04	-1.961e+04	14.82	8166.56	7580.86	-6.288e+05
64	2	3.569e+06	5754.49	-9.74	-2.933e+04	0.0	1.534e+04	1.467e+04	11.30	6183.83	-7183.12	-6.288e+05
		-6.288e+05	-7183.12	-0.03	0.0	1145.0	1.534e+04	-1.467e+04	11.30	6183.83	5754.49	-6.288e+05
64	3	4.485e+06	8179.70	-12.32	-3.573e+04	0.0	2.434e+04	1.786e+04	16.49	8904.28	-1.070e+04	-6.288e+05
		-6.288e+05	-1.070e+04	-0.03	0.0	1145.0	2.434e+04	-1.786e+04	16.49	8904.28	8179.70	-6.288e+05
64	7	3.536e+06	5805.70	-9.65	-2.910e+04	0.0	1.539e+04	1.455e+04	11.46	6246.85	-7319.19	-6.288e+05
		-6.288e+05	-7319.19	-0.03	0.0	1145.0	1.539e+04	-1.455e+04	11.46	6246.85	5805.70	-6.288e+05
64	8	3.202e+06	6192.92	-8.68	-2.676e+04	0.0	1.757e+04	1.338e+04	12.45	6706.54	-8057.80	-6.288e+05
		-6.288e+05	-8057.80	-0.03	0.0	1145.0	1.757e+04	-1.338e+04	12.45	6706.54	6192.92	-6.288e+05
64	10	3.200e+06	7627.25	-8.66	-2.676e+04	0.0	1.738e+04	1.338e+04	14.98	7568.55	-9520.06	-6.308e+05
		-6.308e+05	-9520.06	0.26	0.0	1145.0	1.738e+04	-1.338e+04	14.98	7568.55	7627.25	-6.307e+05
64	12	3.200e+06	7814.90	-8.66	-2.676e+04	0.0	1.719e+04	1.338e+04	15.34	7515.47	-9748.81	-6.308e+05
		-6.308e+05	-9748.81	0.14	0.0	1145.0	1.719e+04	-1.338e+04	15.34	7515.47	7814.90	-6.307e+05
64	13	3.200e+06	3346.91	-8.71	-2.676e+04	0.0	1.478e+04	1.338e+04	7.30	4782.88	-5009.57	-6.307e+05
		-6.309e+05	-5009.57	-0.18	0.0	1145.0	1.478e+04	-1.338e+04	7.30	4782.88	3346.91	-6.309e+05
64	18	3.200e+06	5793.11	-8.70	-2.676e+04	0.0	1.330e+04	1.338e+04	10.96	6103.77	-6756.37	-6.308e+05
		-6.308e+05	-6756.37	-0.12	0.0	1145.0	1.330e+04	-1.338e+04	10.96	6103.77	5793.11	-6.308e+05
64	21	3.200e+06	5467.96	-8.67	-2.676e+04	0.0	1.776e+04	1.338e+04	11.73	6138.61	-7960.41	-6.308e+05
		-6.308e+05	-7960.41	0.11	0.0	1145.0	1.776e+04	-1.338e+04	11.73	6138.61	5467.96	-6.308e+05
64	42	3.202e+06	5759.62	-8.69	-2.676e+04	0.0	1.554e+04	1.338e+04	11.57	6246.63	-7492.90	-6.288e+05
		-6.288e+05	-7492.90	-0.03	0.0	1145.0	1.554e+04	-1.338e+04	11.57	6246.63	5759.62	-6.288e+05
64	43	3.202e+06	5759.62	-8.69	-2.676e+04	0.0	1.554e+04	1.338e+04	11.57	6246.63	-7492.90	-6.288e+05

	-6.288e+05	-7492.90	-0.03	0.0	1145.0	1.554e+04	-1.338e+04	11.57	6246.63	5759.62	-6.288e+05
64	44 3.202e+06	5759.62	-8.69	-2.676e+04	0.0	1.554e+04	1.338e+04	11.57	6246.63	-7492.90	-6.288e+05
	-6.288e+05	-7492.90	-0.03	0.0	1145.0	1.554e+04	-1.338e+04	11.57	6246.63	5759.62	-6.288e+05
65	2 4.675e+05	3135.00	-0.29	-1.338e+04	0.0	-1.050e+04	6533.46	10.63	6891.05	-3349.69	-5.045e+05
	-6.006e+05	-3349.69	0.01	0.0	609.8	-5590.60	-6848.73	10.63	6891.05	3135.00	-6.006e+05
65	3 9.477e+05	4141.40	-0.68	-2.068e+04	0.0	-1.603e+04	1.034e+04	13.91	1.083e+04	-4338.97	-6.288e+05
	-6.288e+05	-4338.97	0.02	0.0	609.8	-8439.20	-1.034e+04	13.91	1.083e+04	4141.40	-6.288e+05
65	7 4.683e+05	2977.08	-0.29	-1.338e+04	0.0	-1.050e+04	6528.65	10.10	7099.07	-3183.15	-5.022e+05
	-6.013e+05	-3183.15	0.01	0.0	609.8	-5595.40	-6853.53	10.10	7099.07	2977.08	-6.013e+05
65	8 5.589e+05	3004.11	-0.36	-1.557e+04	0.0	-1.201e+04	7788.68	10.16	8069.02	-3194.06	-6.288e+05
	-6.288e+05	-3194.06	0.01	0.0	609.8	-6300.21	-7783.75	10.16	8069.02	3004.11	-6.273e+05
65	10 3.965e+05	2944.54	-0.21	-1.338e+04	0.0	-1.106e+04	6708.54	10.01	9096.76	-3158.21	-6.289e+05
	-6.289e+05	-3158.21	0.15	0.0	609.8	-6153.26	-6673.64	10.01	9096.76	2944.54	-6.182e+05
65	13 5.692e+05	2129.42	-0.40	-1.338e+04	0.0	-1.040e+04	6134.01	6.94	5785.42	-2099.67	-2.863e+05
	-6.260e+05	-2099.67	-0.06	0.0	609.8	-5493.02	-7248.18	6.94	5785.42	2129.42	-6.260e+05
65	18 4.705e+05	1841.99	-0.30	-1.338e+04	0.0	-9894.43	6501.73	6.37	5951.68	-2041.07	-4.918e+05
	-6.073e+05	-2041.07	-0.03	0.0	609.8	-4985.68	-6880.45	6.37	5951.68	1841.99	-6.073e+05
65	19 4.670e+05	3357.84	-0.29	-1.338e+04	0.0	-1.116e+04	6527.76	11.20	9058.64	-3469.46	-5.032e+05
	-6.028e+05	-3469.46	0.04	0.0	609.8	-6248.11	-6854.43	11.20	9058.64	3357.84	-6.028e+05
65	21 4.682e+05	3038.64	-0.29	-1.338e+04	0.0	-1.118e+04	6524.14	10.06	9022.41	-3096.90	-5.010e+05
	-6.028e+05	-3096.90	0.07	0.0	609.8	-6272.06	-6858.05	10.06	9022.41	3038.64	-6.028e+05
65	42 4.682e+05	2537.29	-0.29	-1.338e+04	0.0	-1.053e+04	6510.04	8.63	7484.44	-2724.13	-4.966e+05
	-6.070e+05	-2724.13	8.14e-03	0.0	609.8	-5625.78	-6872.15	8.63	7484.44	2537.29	-6.070e+05
65	43 4.682e+05	2537.29	-0.29	-1.338e+04	0.0	-1.053e+04	6510.04	8.63	7484.44	-2724.13	-4.966e+05
	-6.070e+05	-2724.13	8.14e-03	0.0	609.8	-5625.78	-6872.15	8.63	7484.44	2537.29	-6.070e+05
65	44 4.682e+05	2537.29	-0.29	-1.338e+04	0.0	-1.053e+04	6510.04	8.63	7484.44	-2724.13	-4.966e+05
	-6.070e+05	-2724.13	8.14e-03	0.0	609.8	-5625.78	-6872.15	8.63	7484.44	2537.29	-6.070e+05
66	1 6.972e+05	2692.99	-0.33	-1.740e+04	0.0	-7963.11	8698.40	-12.02	7067.93	2692.99	-6.288e+05
	-6.288e+05	-4636.82	-0.05	0.0	609.8	-1.434e+04	-8698.38	-12.02	7067.93	-4636.82	-6.288e+05
66	2 4.342e+05	2131.88	0.23	-1.338e+04	0.0	-6368.73	6723.28	-9.34	5256.39	2131.88	-5.957e+05
	-5.957e+05	-3561.23	-0.04	0.0	609.8	-1.128e+04	-6658.86	-9.34	5256.39	-3561.23	-5.761e+05
66	3 9.477e+05	2633.05	-0.51	-2.068e+04	0.0	-9259.07	1.034e+04	-11.52	6692.58	2633.05	-6.288e+05
	-6.288e+05	-4394.84	-0.05	0.0	609.8	-1.685e+04	-1.034e+04	-11.52	6692.58	-4394.84	-6.288e+05
66	4 6.417e+05	1970.98	-0.30	-1.667e+04	0.0	-7584.64	8333.75	-8.70	5191.58	1970.98	-6.288e+05
	-6.288e+05	-3331.37	-0.04	0.0	609.8	-1.370e+04	-8333.73	-8.70	5191.58	-3331.37	-6.288e+05
66	7 4.353e+05	1940.75	0.23	-1.338e+04	0.0	-6391.66	6729.01	-8.65	5178.93	1940.75	-5.963e+05
	-5.963e+05	-3336.55	-0.04	0.0	609.8	-1.130e+04	-6653.13	-8.65	5178.93	-3336.55	-5.732e+05
66	8 5.582e+05	1824.24	0.25	-1.557e+04	0.0	-7169.99	7786.19	-8.21	5131.94	1824.24	-6.288e+05
	-6.288e+05	-3184.22	-0.04	0.0	609.8	-1.288e+04	-7786.18	-8.21	5131.94	-3184.22	-6.288e+05
66	10 5.510e+05	460.47	0.26	-1.338e+04	0.0	-6025.24	7160.56	-3.44	5866.18	460.47	-6.141e+05
	-6.141e+05	-1634.75	0.11	0.0	609.8	-1.093e+04	-6221.58	-3.44	5866.18	-1634.75	-3.278e+05
66	13 3.911e+05	2791.63	0.20	-1.338e+04	0.0	-6920.55	6691.03	-11.85	3477.26	2791.63	-6.289e+05
	-6.289e+05	-4433.63	-0.12	0.0	609.8	-1.183e+04	-6691.12	-11.85	3477.26	-4433.63	-6.289e+05
66	18 4.491e+05	548.04	0.20	-1.338e+04	0.0	-5631.83	6795.98	-4.66	5975.56	548.04	-6.030e+05
	-6.030e+05	-2293.20	-0.10	0.0	609.8	-1.054e+04	-6586.16	-4.66	5975.56	-2293.20	-5.390e+05
66	21 4.244e+05	2384.55	0.26	-1.338e+04	0.0	-7296.36	6696.26	-8.77	3160.89	2384.55	-5.972e+05
	-5.972e+05	-2960.88	0.05	0.0	609.8	-1.221e+04	-6685.88	-8.77	3160.89	-2960.88	-5.941e+05
66	42 4.361e+05	1441.56	0.23	-1.338e+04	0.0	-6462.14	6749.98	-6.85	4808.20	1441.56	-6.019e+05
	-6.019e+05	-2735.03	-0.04	0.0	609.8	-1.137e+04	-6632.16	-6.85	4808.20	-2735.03	-5.660e+05
66	43 4.361e+05	1441.56	0.23	-1.338e+04	0.0	-6462.14	6749.98	-6.85	4808.20	1441.56	-6.019e+05
	-6.019e+05	-2735.03	-0.04	0.0	609.8	-1.137e+04	-6632.16	-6.85	4808.20	-2735.03	-5.660e+05
66	44 4.361e+05	1441.56	0.23	-1.338e+04	0.0	-6462.14	6749.98	-6.85	4808.20	1441.56	-6.019e+05
	-6.019e+05	-2735.03	-0.04	0.0	609.8	-1.137e+04	-6632.16	-6.85	4808.20	-2735.03	-5.660e+05
67	1 5.112e+05	1.976e+04	0.15	-1244.70	0.0	1.050e+04	-5072.33	192.04	-4.148e+04	-2.110e+04	5.112e+05
	-7.005e+05	-2.110e+04	-3.12e-03	0.0	212.8	1.050e+04	-6317.03	192.04	-4.148e+04	1.976e+04	-7.005e+05
67	2 3.368e+05	1.250e+04	0.12	-957.46	0.0	9254.24	-3656.62	123.35	-3.145e+04	-1.375e+04	3.368e+05
	-5.431e+05	-1.375e+04	-8.10e-04	0.0	212.8	9254.24	-4614.08	123.35	-3.145e+04	1.250e+04	-5.431e+05
67	3 5.736e+05	2.958e+04	0.17	-1244.70	0.0	1.213e+04	-5043.99	283.87	-4.353e+04	-3.082e+04	5.736e+05
	-6.321e+05	-3.082e+04	-7.33e-03	0.0	212.8	1.213e+04	-6288.69	283.87	-4.353e+04	2.958e+04	-6.321e+05
67	7 3.465e+05	1.389e+04	0.12	-957.46	0.0	9473.77	-3599.72	136.20	-3.161e+04	-1.509e+04	3.465e+05
	-5.213e+05	-1.509e+04	-1.46e-03	0.0	212.8	9473.77	-4557.18	136.20	-3.161e+04	1.389e+04	-5.213e+05
67	8 3.934e+05	1.576e+04	0.13	-957.46	0.0	1.071e+04	-3611.09	157.59	-3.174e+04	-1.777e+04	3.934e+05
	-4.768e+05	-1.777e+04	-2.05e-03	0.0	212.8	1.071e+04	-4568.55	157.59	-3.174e+04	1.576e+04	-4.768e+05
67	12 -2.572e+05	2.268e+04	0.17	-957.46	0.0	1.262e+04	-326.35	235.18	-2.106e+04	-2.736e+04	-2.572e+05
	-4.285e+05	-2.736e+04	0.01	0.0	212.8	1.262e+04	-1283.81	235.18	-2.106e+04	2.268e+04	-4.285e+05
67	13 1.020e+06	770.21	0.07	-957.46	0.0	7364.08	-6674.03	4.46	-3.860e+04	-178.25	1.020e+06
	-5.022e+05	-178.25	-0.01	0.0	212.8	7364.08	-7631.49	4.46	-3.860e+04	770.21	-5.022e+05
67	18 1.796e+05	4.425e+04	0.11	-957.46	0.0	1.014e+04	-2450.31	438.73	-5.149e+04	-4.909e+04	1.796e+05
	-4.437e+05	-4.909e+04	-0.03	0.0	212.8	1.014e+04	-3407.77	438.73	-5.149e+04	4.425e+04	-4.437e+05
67	42 3.534e+05	1.663e+04	0.12	-957.46	0.0	9956.43	-3351.90	162.09	-3.169e+04	-1.786e+04	3.534e+05
	-4.616e+05	-1.786e+04	-2.80e-03	0.0	212.8	9956.43	-4309.37	162.09	-3.169e+04	1.663e+04	-4.616e+05
67	43 3.534e+05	1.663e+04	0.12	-957.46	0.0	9956.43	-3351.90	162.09	-3.169e+04	-1.786e+04	3.534e+05
	-4.616e+05	-1.786e+04	-2.80e-03	0.0	212.8	9956.43	-4309.37	162.09	-3.169e+04	1.663e+04	-4.616e+05
67	44 3.534e+05	1.663e+04	0.12	-957.46	0.0	9956.43	-3351.90	162.09	-3.169e+04	-1.786e+04	3.534e+05
	-4.616e+05	-1.786e+04	-2.80e-03	0.0	212.8	9956.43	-4309.37	162.09	-3.169e+04	1.663e+04	-4.616e+05
68	1 2.810e+04	5393.13	0.13	-4397.18	0.0	2997.48	2013.89	78.71	1.057e+05	-2.688e+04	-1.606e+05
	-2.363e+05	-2.688e+04	1.26e-03	0.0	410.0	2997.48	-2383.29	78.71	1.057e+05	5393.13	-2.363e+05

68	3	2.700e+04	1667.92	0.13	-4397.18	0.0	3471.67	2040.43	77.14	8.944e+04	-2.996e+04	-1.665e+05
		-2.313e+05	-2.996e+04	-2.11e-03	0.0	410.0	3471.67	-2356.75	77.14	8.944e+04	1667.92	-2.313e+05
68	5	3.330e+04	-722.62	0.12	-4397.18	0.0	2764.08	2064.23	53.57	7.768e+04	-2.269e+04	-1.645e+05
		-2.196e+05	-2.269e+04	-7.70e-04	0.0	410.0	2764.08	-2332.94	53.57	7.768e+04	-722.62	-2.196e+05
68	6	2.822e+04	-4274.20	0.09	-3382.44	0.0	2017.86	1558.96	18.56	1.516e+04	-1.189e+04	-1.187e+05
		-1.729e+05	-1.189e+04	-2.79e-03	0.0	410.0	2017.86	-1823.49	18.56	1.516e+04	-4274.20	-1.729e+05
68	7	2.511e+04	-1472.70	0.10	-3382.44	0.0	2175.92	1510.94	30.67	1.634e+04	-1.405e+04	-1.132e+05
		-1.871e+05	-1.405e+04	-7.19e-04	0.0	410.0	2175.92	-1871.50	30.67	1.634e+04	-1472.70	-1.871e+05
68	8	2.347e+04	-4381.09	0.10	-3382.44	0.0	2417.44	1538.25	26.16	2.537e+04	-1.511e+04	-1.197e+05
		-1.824e+05	-1.511e+04	-1.92e-03	0.0	410.0	2417.44	-1844.20	26.16	2.537e+04	-4381.09	-1.824e+05
68	9	2.780e+04	-4056.16	0.09	-3382.44	0.0	2034.84	1551.52	19.61	1.609e+04	-1.210e+04	-1.178e+05
		-1.751e+05	-1.210e+04	-2.31e-03	0.0	410.0	2034.84	-1830.92	19.61	1.609e+04	-4056.16	-1.751e+05
68	18	7.322e+05	1.828e+04	0.12	-3382.44	0.0	6854.63	4764.95	-229.14	1.800e+04	1.828e+04	-5.281e+05
		-5.281e+05	-7.567e+04	-0.03	0.0	410.0	6854.63	1382.50	-229.14	1.800e+04	-7.567e+04	7.322e+05
68	19	2.862e+05	6.554e+04	0.06	-3382.44	0.0	-2631.46	-1482.47	260.83	1.758e+04	-4.140e+04	2.862e+05
		-1.015e+06	-4.140e+04	0.03	0.0	410.0	-2631.46	-4864.91	260.83	1.758e+04	6.554e+04	-1.015e+06
68	23	2.259e+05	6.699e+04	0.06	-3382.44	0.0	-2035.43	-1183.50	267.55	1.582e+04	-4.270e+04	2.259e+05
		-9.527e+05	-4.270e+04	0.02	0.0	410.0	-2035.43	-4565.94	267.55	1.582e+04	6.699e+04	-9.527e+05
68	42	2.763e+04	-3827.71	0.09	-3382.44	0.0	2041.54	1561.73	21.02	1.511e+04	-1.245e+04	-1.198e+05
		-1.729e+05	-1.245e+04	-1.78e-03	0.0	410.0	2041.54	-1820.71	21.02	1.511e+04	-3827.71	-1.729e+05
68	43	2.763e+04	-3827.71	0.09	-3382.44	0.0	2041.54	1561.73	21.02	1.511e+04	-1.245e+04	-1.198e+05
		-1.729e+05	-1.245e+04	-1.78e-03	0.0	410.0	2041.54	-1820.71	21.02	1.511e+04	-3827.71	-1.729e+05
68	44	2.763e+04	-3827.71	0.09	-3382.44	0.0	2041.54	1561.73	21.02	1.511e+04	-1.245e+04	-1.198e+05
		-1.729e+05	-1.245e+04	-1.78e-03	0.0	410.0	2041.54	-1820.71	21.02	1.511e+04	-3827.71	-1.729e+05
69	1	4.547e+04	173.80	0.09	-1599.00	0.0	-791.92	886.43	3.34	-9372.09	-1195.60	-5.524e+04
		-5.524e+04	-1195.60	-0.01	0.0	410.0	-791.92	-712.57	3.34	-9372.09	173.80	-1.960e+04
69	3	4.549e+04	378.36	0.10	-1599.00	0.0	-724.16	872.06	4.11	-7293.92	-1308.63	-5.191e+04
		-5.191e+04	-1308.63	-0.01	0.0	410.0	-724.16	-726.94	4.11	-7293.92	378.36	-2.216e+04
69	6	3.469e+04	2.73	0.06	-1230.00	0.0	-355.12	680.50	1.77	-4985.11	-722.97	-4.247e+04
		-4.247e+04	-722.97	-0.01	0.0	410.0	-355.12	-549.50	1.77	-4985.11	2.73	-1.562e+04
69	7	3.481e+04	-30.47	0.07	-1230.00	0.0	-544.19	681.53	1.75	-5325.65	-747.65	-4.259e+04
		-4.259e+04	-747.65	-9.68e-03	0.0	410.0	-544.19	-548.47	1.75	-5325.65	-30.47	-1.531e+04
69	8	3.482e+04	53.09	0.07	-1230.00	0.0	-443.72	674.87	2.05	-8691.89	-789.29	-4.104e+04
		-4.104e+04	-789.29	-0.01	0.0	410.0	-443.72	-555.13	2.05	-8691.89	53.09	-1.650e+04
69	9	3.471e+04	10.81	0.06	-1230.00	0.0	-377.35	680.67	1.82	-5059.56	-735.69	-4.249e+04
		-4.249e+04	-735.69	-0.01	0.0	410.0	-377.35	-549.33	1.82	-5059.56	10.81	-1.556e+04
69	10	3.408e+04	3217.75	0.05	-1230.00	0.0	-303.92	673.33	12.53	-7230.04	-1919.49	-4.143e+04
		-4.143e+04	-1919.49	0.10	0.0	410.0	-303.92	-556.67	12.53	-7230.04	3217.75	-1.751e+04
69	11	3.532e+04	362.27	0.08	-1230.00	0.0	-488.19	682.69	-8.14	-5787.73	362.27	-4.234e+04
		-4.234e+04	-2973.85	-0.11	0.0	410.0	-488.19	-547.31	-8.14	-5787.73	-2973.85	-1.459e+04
69	18	4.204e+04	1330.87	0.09	-1230.00	0.0	-1350.93	709.62	6.71	-2345.38	-1420.33	-4.183e+04
		-4.183e+04	-1420.33	-0.04	0.0	410.0	-1350.93	-520.38	6.71	-2345.38	1330.87	-3035.41
69	21	2.661e+04	196.57	0.04	-1230.00	0.0	615.86	644.67	-5.23	-8852.08	196.57	-4.251e+04
		-4.251e+04	-1949.32	0.04	0.0	410.0	615.86	-585.33	-5.23	-8852.08	-1949.32	-3.034e+04
69	25	2.828e+04	-152.23	0.04	-1230.00	0.0	502.80	655.61	1.11	-8324.48	-606.34	-4.314e+04
		-4.314e+04	-606.34	0.03	0.0	410.0	502.80	-574.39	1.11	-8324.48	-152.23	-2.649e+04
69	42	3.471e+04	24.59	0.06	-1230.00	0.0	-373.39	680.70	1.85	-4987.89	-733.86	-4.250e+04
		-4.250e+04	-733.86	-0.01	0.0	410.0	-373.39	-549.30	1.85	-4987.89	24.59	-1.556e+04
69	43	3.471e+04	24.59	0.06	-1230.00	0.0	-373.39	680.70	1.85	-4987.89	-733.86	-4.250e+04
		-4.250e+04	-733.86	-0.01	0.0	410.0	-373.39	-549.30	1.85	-4987.89	24.59	-1.556e+04
69	44	3.471e+04	24.59	0.06	-1230.00	0.0	-373.39	680.70	1.85	-4987.89	-733.86	-4.250e+04
		-4.250e+04	-733.86	-0.01	0.0	410.0	-373.39	-549.30	1.85	-4987.89	24.59	-1.556e+04
70	1	-1.191e+05	1.998e+04	-0.02	-8967.32	0.0	8514.67	6086.63	95.55	3.319e+04	-1.296e+04	-7.868e+05
		-7.868e+05	-1.296e+04	-7.82e-03	0.0	344.7	8514.67	-2880.70	95.55	3.319e+04	1.998e+04	-2.844e+05
70	2	-9.705e+04	1.112e+04	-0.01	-7125.24	0.0	7591.09	4759.09	58.90	2.347e+04	-9185.43	-6.093e+05
		-6.093e+05	-9185.43	-7.76e-03	0.0	344.7	7591.09	-2366.15	58.90	2.347e+04	1.112e+04	-2.370e+05
70	3	859.64	9743.56	-0.04	-6952.64	0.0	9695.79	5669.83	57.14	2.975e+04	-9954.71	-7.620e+05
		-7.620e+05	-9954.71	-7.15e-03	0.0	344.7	9695.79	-1282.81	57.14	2.975e+04	9743.56	-4.143e+04
70	4	1.977e+04	4813.65	-0.03	-5110.56	0.0	9114.81	4314.31	36.46	2.078e+04	-7756.42	-5.825e+05
		-5.825e+05	-7756.42	-9.11e-03	0.0	344.7	9114.81	-796.24	36.46	2.078e+04	4813.65	-1817.09
70	7	-7.329e+04	9379.25	-0.02	-6587.99	0.0	7766.19	4598.85	52.26	2.262e+04	-8636.78	-5.944e+05
		-5.944e+05	-8636.78	-7.82e-03	0.0	344.7	7766.19	-1989.14	52.26	2.262e+04	9379.25	-1.810e+05
70	8	1800.23	5243.11	-0.03	-5244.87	0.0	8836.34	4280.83	37.70	2.048e+04	-7751.52	-5.749e+05
		-5.749e+05	-7751.52	-9.31e-03	0.0	344.7	8836.34	-964.05	37.70	2.048e+04	5243.11	-2.986e+04
70	10	3.988e+05	4117.01	-0.02	-5244.87	0.0	9576.58	5858.03	32.27	4.502e+04	-7008.67	-6.900e+05
		-6.900e+05	-7008.67	0.03	0.0	344.7	9576.58	613.15	32.27	4.502e+04	4117.01	3.988e+05
70	11	-2.432e+05	1.488e+04	-0.04	-5244.87	0.0	7141.91	2291.16	75.04	-2022.35	-1.099e+04	-3.992e+05
		-5.400e+05	-1.099e+04	-0.04	0.0	344.7	7141.91	-2953.71	75.04	-2022.35	1.488e+04	-5.400e+05
70	12	4.587e+05	-249.64	-0.02	-5244.87	0.0	9065.92	6058.40	14.99	3.699e+04	-5416.12	-6.992e+05
		-6.992e+05	-5416.12	0.02	0.0	344.7	9065.92	813.53	14.99	3.699e+04	-249.64	4.587e+05
70	18	-3.245e+04	296.46	-0.01	-5244.87	0.0	8896.36	3805.65	-46.85	-7891.20	296.46	-4.836e+05
		-4.836e+05	-1.585e+04	-0.03	0.0	344.7	8896.36	-1439.22	-46.85	-7891.20	-1.585e+04	-1.023e+05
70	21	-6992.12	2.573e+04	-0.04	-5244.87	0.0	7699.37	4369.81	119.45	5.305e+04	-1.545e+04	-6.086e+05
		-6.086e+05	-1.545e+04	0.02	0.0	344.7	7699.37	-875.06	119.45	5.305e+04	2.573e+04	-3.290e+04
70	42	-1.072e+04	4948.74	-0.02	-5244.87	0.0	8157.91	4142.47	35.25	2.045e+04	-7201.37	-5.487e+05
		-5.487e+05	-7201.37	-8.04e-03	0.0	344.7	8157.91	-1102.40	35.25	2.045e+04	4948.74	-5.132e+04
70	43	-1.072e+04	4948.74	-0.02	-5244.87	0.0	8157.91	4142.47	35.25	2.045e+04	-7201.37	-5.487e+05

		-5.487e+05	-7201.37	-8.04e-03	0.0	344.7	8157.91	-1102.40	35.25	2.045e+04	4948.74	-5.132e+04
70	44	-1.072e+04	4948.74	-0.02	-5244.87	0.0	8157.91	4142.47	35.25	2.045e+04	-7201.37	-5.487e+05
		-5.487e+05	-7201.37	-8.04e-03	0.0	344.7	8157.91	-1102.40	35.25	2.045e+04	4948.74	-5.132e+04
71	1	5.807e+04	2.243e+04	-2.98e-03	-4343.63	0.0	9667.06	2166.50	3.74	-1.114e+05	2.091e+04	-1.607e+05
		-1.629e+05	2.091e+04	0.01	0.0	405.0	9667.06	-2177.13	3.74	-1.114e+05	2.243e+04	-1.629e+05
71	2	4.341e+04	2.055e+04	1.95e-03	-3341.25	0.0	7638.78	1649.87	13.76	-4.627e+04	1.497e+04	-1.215e+05
		-1.299e+05	1.497e+04	9.18e-03	0.0	405.0	7638.78	-1691.39	13.76	-4.627e+04	2.055e+04	-1.299e+05
71	3	4.626e+04	2.839e+04	-0.01	-4343.63	0.0	1.041e+04	2202.43	8.13	-1.134e+05	2.510e+04	-1.798e+05
		-1.798e+05	2.510e+04	0.02	0.0	405.0	1.041e+04	-2141.20	8.13	-1.134e+05	2.839e+04	-1.674e+05
71	5	4.548e+04	2.468e+04	-0.01	-4343.63	0.0	8895.47	2201.80	5.27	-9.901e+04	2.255e+04	-1.805e+05
		-1.805e+05	2.255e+04	0.01	0.0	405.0	8895.47	-2141.83	5.27	-9.901e+04	2.468e+04	-1.683e+05
71	6	3.132e+04	2.229e+04	-1.00e-02	-3341.25	0.0	6866.69	1687.63	14.03	-5.616e+04	1.661e+04	-1.413e+05
		-1.413e+05	1.661e+04	8.78e-03	0.0	405.0	6866.69	-1653.62	14.03	-5.616e+04	2.229e+04	-1.344e+05
71	7	4.027e+04	2.091e+04	-2.16e-03	-3341.25	0.0	7456.00	1663.52	12.99	-4.976e+04	1.565e+04	-1.274e+05
		-1.303e+05	1.565e+04	9.38e-03	0.0	405.0	7456.00	-1677.73	12.99	-4.976e+04	2.091e+04	-1.303e+05
71	8	3.465e+04	2.343e+04	-8.68e-03	-3341.25	0.0	7782.12	1694.83	13.51	-6.603e+04	1.796e+04	-1.394e+05
		-1.394e+05	1.796e+04	0.01	0.0	405.0	7782.12	-1646.42	13.51	-6.603e+04	2.343e+04	-1.296e+05
71	9	3.220e+04	2.208e+04	-9.70e-03	-3341.25	0.0	6941.38	1688.69	13.18	-5.637e+04	1.674e+04	-1.406e+05
		-1.406e+05	1.674e+04	9.12e-03	0.0	405.0	6941.38	-1652.56	13.18	-5.637e+04	2.208e+04	-1.333e+05
71	18	1.045e+05	2.000e+04	-3.40e-03	-3341.25	0.0	8581.06	2638.43	-72.82	-9.000e+04	2.000e+04	-3.171e+05
		-3.171e+05	-9490.29	-0.02	0.0	405.0	8581.06	-702.82	-72.82	-9.000e+04	-9490.29	7.487e+04
71	21	7.922e+04	5.596e+04	-0.02	-3341.25	0.0	5169.42	647.41	103.88	-5264.75	1.389e+04	5.384e+04
		-3.606e+05	1.389e+04	0.06	0.0	405.0	5169.42	-2693.84	103.88	-5264.75	5.596e+04	-3.606e+05
71	24	1.065e+05	2.003e+04	-5.01e-03	-3341.25	0.0	8443.46	2648.43	-78.41	-9.993e+04	2.003e+04	-3.183e+05
		-3.183e+05	-1.172e+04	-0.03	0.0	405.0	8443.46	-692.83	-78.41	-9.993e+04	-1.172e+04	7.772e+04
71	25	6.933e+04	5.651e+04	-0.02	-3341.25	0.0	5445.95	722.22	106.69	-1.249e+04	1.330e+04	3.828e+04
		-3.458e+05	1.330e+04	0.05	0.0	405.0	5445.95	-2619.03	106.69	-1.249e+04	5.651e+04	-3.458e+05
71	42	3.205e+04	2.239e+04	-9.72e-03	-3341.25	0.0	6942.72	1683.81	14.04	-5.654e+04	1.671e+04	-1.398e+05
		-1.398e+05	1.671e+04	9.70e-03	0.0	405.0	6942.72	-1657.44	14.04	-5.654e+04	2.239e+04	-1.344e+05
71	43	3.205e+04	2.239e+04	-9.72e-03	-3341.25	0.0	6942.72	1683.81	14.04	-5.654e+04	1.671e+04	-1.398e+05
		-1.398e+05	1.671e+04	9.70e-03	0.0	405.0	6942.72	-1657.44	14.04	-5.654e+04	2.239e+04	-1.344e+05
71	44	3.205e+04	2.239e+04	-9.72e-03	-3341.25	0.0	6942.72	1683.81	14.04	-5.654e+04	1.671e+04	-1.398e+05
		-1.398e+05	1.671e+04	9.70e-03	0.0	405.0	6942.72	-1657.44	14.04	-5.654e+04	2.239e+04	-1.344e+05
72	1	1.041e+05	1.579e+04	-0.01	-4343.63	0.0	1.126e+04	2366.99	-17.66	-5.181e+04	1.579e+04	-1.568e+05
		-1.568e+05	8642.58	3.87e-03	0.0	405.0	1.126e+04	-1976.64	-17.66	-5.181e+04	8642.58	-7.777e+04
72	2	8.402e+04	1.017e+04	-7.29e-03	-3341.25	0.0	8851.91	1825.15	-8.99	-1.871e+04	1.017e+04	-1.177e+05
		-1.177e+05	6528.95	1.05e-03	0.0	405.0	8851.91	-1516.10	-8.99	-1.871e+04	6528.95	-5.511e+04
72	3	8.990e+04	1.925e+04	-0.01	-4343.63	0.0	1.186e+04	2369.71	-17.79	-5.338e+04	1.925e+04	-1.716e+05
		-1.716e+05	1.204e+04	3.81e-03	0.0	405.0	1.186e+04	-1973.91	-17.79	-5.338e+04	1.204e+04	-9.149e+04
72	6	6.750e+04	1.108e+04	-8.43e-03	-3341.25	0.0	7765.40	1812.22	-5.92	-2.130e+04	1.108e+04	-1.313e+05
		-1.313e+05	8682.68	-1.08e-03	0.0	405.0	7765.40	-1529.03	-5.92	-2.130e+04	8682.68	-7.392e+04
72	7	7.927e+04	1.059e+04	-7.75e-03	-3341.25	0.0	8588.85	1821.38	-8.29	-1.944e+04	1.059e+04	-1.216e+05
		-1.216e+05	7230.85	8.62e-04	0.0	405.0	8588.85	-1519.87	-8.29	-1.944e+04	7230.85	-6.053e+04
72	8	7.050e+04	1.250e+04	-8.94e-03	-3341.25	0.0	8790.29	1824.31	-8.70	-2.099e+04	1.250e+04	-1.310e+05
		-1.310e+05	8977.68	1.08e-03	0.0	405.0	8790.29	-1516.94	-8.70	-2.099e+04	8977.68	-6.878e+04
72	9	6.826e+04	1.119e+04	-8.58e-03	-3341.25	0.0	7864.26	1812.72	-6.24	-2.120e+04	1.119e+04	-1.306e+05
		-1.306e+05	8668.46	-9.06e-04	0.0	405.0	7864.26	-1528.53	-6.24	-2.120e+04	8668.46	-7.307e+04
72	10	5.589e+04	2.540e+04	-4.28e-03	-3341.25	0.0	8469.86	1365.50	-52.39	8.450e+04	2.540e+04	-5.656e+04
		-1.801e+05	4178.70	0.10	0.0	405.0	8469.86	-1975.75	-52.39	8.450e+04	4178.70	-1.801e+05
72	11	9.969e+04	1.226e+04	-0.01	-3341.25	0.0	7504.60	2220.37	30.79	-1.048e+05	-205.42	-1.987e+05
		-1.987e+05	-205.42	-0.09	0.0	405.0	7504.60	-1120.88	30.79	-1.048e+05	1.226e+04	2.391e+04
72	12	5.293e+04	2.036e+04	-6.27e-03	-3341.25	0.0	8706.92	1523.41	-28.07	3.505e+04	2.036e+04	-8.749e+04
		-1.471e+05	8989.90	0.05	0.0	405.0	8706.92	-1817.84	-28.07	3.505e+04	8989.90	-1.471e+05
72	13	9.207e+04	7605.12	-0.01	-3341.25	0.0	7167.49	2081.09	9.38	-6.837e+04	3805.50	-1.704e+05
		-1.704e+05	3805.50	-0.05	0.0	405.0	7167.49	-1260.16	9.38	-6.837e+04	7605.12	-4164.06
72	18	1.635e+05	1.543e+04	-0.01	-3341.25	0.0	8354.67	2907.20	22.29	-5.146e+04	6404.12	-3.487e+05
		-3.487e+05	6404.12	-0.03	0.0	405.0	8354.67	-434.05	22.29	-5.146e+04	1.543e+04	1.521e+05
72	42	6.815e+04	1.127e+04	-8.56e-03	-3341.25	0.0	7868.70	1808.18	-6.71	-2.083e+04	1.127e+04	-1.297e+05
		-1.297e+05	8554.92	-6.36e-04	0.0	405.0	7868.70	-1533.07	-6.71	-2.083e+04	8554.92	-7.398e+04
72	43	6.815e+04	1.127e+04	-8.56e-03	-3341.25	0.0	7868.70	1808.18	-6.71	-2.083e+04	1.127e+04	-1.297e+05
		-1.297e+05	8554.92	-6.36e-04	0.0	405.0	7868.70	-1533.07	-6.71	-2.083e+04	8554.92	-7.398e+04
72	44	6.815e+04	1.127e+04	-8.56e-03	-3341.25	0.0	7868.70	1808.18	-6.71	-2.083e+04	1.127e+04	-1.297e+05
		-1.297e+05	8554.92	-6.36e-04	0.0	405.0	7868.70	-1533.07	-6.71	-2.083e+04	8554.92	-7.398e+04
77	1	7.005e+05	1579.47	-0.53	-1.730e+04	0.0	-1.341e+04	8685.98	-5.81	2746.85	1579.47	-6.288e+05
		-6.288e+05	-1965.50	-5.34e-03	0.0	609.8	-7064.74	-8617.83	-5.81	2746.85	-1965.50	-6.080e+05
77	2	4.664e+05	1297.51	-0.34	-1.331e+04	0.0	-1.054e+04	6545.93	-4.77	2123.78	1297.51	-5.148e+05
		-5.816e+05	-1613.23	-5.39e-03	0.0	609.8	-5657.85	-6764.70	-4.77	2123.78	-1613.23	-5.816e+05
77	3	9.391e+05	1554.43	-0.74	-2.057e+04	0.0	-1.612e+04	1.028e+04	-5.72	2833.15	1554.43	-6.288e+05
		-6.288e+05	-1931.51	-6.74e-03	0.0	609.8	-8575.57	-1.028e+04	-5.72	2833.15	-1931.51	-6.287e+05
77	4	6.351e+05	1288.70	-0.48	-1.658e+04	0.0	-1.305e+04	8289.24	-4.73	2256.05	1288.70	-6.288e+05
		-6.288e+05	-1593.92	-3.92e-03	0.0	609.8	-6972.68	-8286.58	-4.73	2256.05	-1593.92	-6.280e+05
77	7	4.676e+05	1248.88	-0.34	-1.331e+04	0.0	-1.061e+04	6536.74	-4.60	2109.51	1248.88	-5.109e+05
		-5.832e+05	-1558.36	-5.96e-03	0.0	609.8	-5724.98	-6773.88	-4.60	2109.51	-1558.36	-5.832e+05
77	8	5.610e+05	1232.70	-0.41	-1.549e+04	0.0	-1.225e+04	7774.16	-4.55	2226.31	1232.70	-6.288e+05
		-6.288e+05	-1540.13	-6.47e-03	0.0	609.8	-6565.20	-7713.27	-4.55	2226.31	-1540.13	-6.103e+05
77	10	3.860e+05	1656.15	-0.24	-1.331e+04	0.0	-1.125e+04	6656.52	-4.71	871.60	1656.15	-6.289e+05
		-6.289e+05	-1217.83	0.13	0.0	609.8	-6369.24	-6654.10	-4.71	871.60	-1217.83	-6.282e+05

77	11	6.016e+05	549.46	-0.49	-1.331e+04	0.0	-1.057e+04	6041.04	-3.35	3131.19	549.46	-2.332e+05
		-6.078e+05	-1490.79	-0.13	0.0	609.8	-5691.56	-7269.59	-3.35	3131.19	-1490.79	-6.078e+05
77	13	5.898e+05	516.22	-0.47	-1.331e+04	0.0	-1.055e+04	6094.27	-2.88	3109.17	516.22	-2.593e+05
		-6.014e+05	-1242.25	-0.08	0.0	609.8	-5663.79	-7216.35	-2.88	3109.17	-1242.25	-6.014e+05
77	21	4.462e+05	3483.05	-0.31	-1.331e+04	0.0	-1.059e+04	6562.19	-9.11	3113.28	3483.05	-5.400e+05
		-5.968e+05	-2070.63	0.06	0.0	609.8	-5708.02	-6748.43	-9.11	3113.28	-2070.63	-5.968e+05
77	25	4.488e+05	3413.23	-0.31	-1.331e+04	0.0	-1.061e+04	6553.91	-9.14	3080.86	3413.23	-5.349e+05
		-5.968e+05	-2160.12	0.05	0.0	609.8	-5729.89	-6756.71	-9.14	3080.86	-2160.12	-5.968e+05
77	42	4.681e+05	1118.79	-0.34	-1.331e+04	0.0	-1.079e+04	6506.03	-4.15	2024.50	1118.79	-5.010e+05
		-5.920e+05	-1409.48	-6.90e-03	0.0	609.8	-5906.84	-6804.59	-4.15	2024.50	-1409.48	-5.920e+05
77	43	4.681e+05	1118.79	-0.34	-1.331e+04	0.0	-1.079e+04	6506.03	-4.15	2024.50	1118.79	-5.010e+05
		-5.920e+05	-1409.48	-6.90e-03	0.0	609.8	-5906.84	-6804.59	-4.15	2024.50	-1409.48	-5.920e+05
77	44	4.681e+05	1118.79	-0.34	-1.331e+04	0.0	-1.079e+04	6506.03	-4.15	2024.50	1118.79	-5.010e+05
		-5.920e+05	-1409.48	-6.90e-03	0.0	609.8	-5906.84	-6804.59	-4.15	2024.50	-1409.48	-5.920e+05
78	1	7.056e+05	1141.50	-0.39	-1.730e+04	0.0	-6908.15	8648.68	4.68	3283.08	-1709.57	-6.124e+05
		-6.144e+05	-1709.57	-0.03	0.0	609.8	-1.326e+04	-8655.13	4.68	3283.08	1141.50	-6.144e+05
78	2	5.047e+05	892.59	-0.27	-1.331e+04	0.0	-5465.23	6907.80	3.62	2389.90	-1315.89	-5.869e+05
		-5.869e+05	-1315.89	-0.02	0.0	609.8	-1.035e+04	-6402.82	3.62	2389.90	892.59	-4.329e+05
78	3	9.390e+05	1105.71	-0.56	-2.057e+04	0.0	-8411.00	1.028e+04	4.52	3539.32	-1653.00	-6.288e+05
		-6.288e+05	-1653.00	-0.03	0.0	609.8	-1.596e+04	-1.028e+04	4.52	3539.32	1105.71	-6.288e+05
78	7	5.062e+05	845.54	-0.27	-1.331e+04	0.0	-5531.23	6918.02	3.45	2403.11	-1257.76	-5.885e+05
		-5.885e+05	-1257.76	-0.02	0.0	609.8	-1.041e+04	-6392.60	3.45	2403.11	845.54	-4.283e+05
78	8	5.999e+05	823.81	-0.32	-1.549e+04	0.0	-6363.10	7857.28	3.37	2570.32	-1232.10	-6.152e+05
		-6.152e+05	-1232.10	-0.02	0.0	609.8	-1.204e+04	-7630.15	3.37	2570.32	823.81	-5.460e+05
78	10	6.476e+05	73.05	-0.36	-1.331e+04	0.0	-5798.24	7465.08	1.56	1376.65	-881.03	-6.289e+05
		-6.289e+05	-881.03	0.13	0.0	609.8	-1.068e+04	-5845.54	1.56	1376.65	73.05	-1.351e+05
78	13	3.982e+05	1588.33	-0.18	-1.331e+04	0.0	-5881.48	6614.61	5.39	3269.97	-1697.50	-6.040e+05
		-6.289e+05	-1697.50	-0.10	0.0	609.8	-1.076e+04	-6696.01	5.39	3269.97	1588.33	-6.289e+05
78	18	4.917e+05	638.17	-0.25	-1.331e+04	0.0	-6092.73	6895.92	4.34	3377.89	-2007.33	-5.962e+05
		-5.962e+05	-2007.33	-0.08	0.0	609.8	-1.098e+04	-6414.71	4.34	3377.89	638.17	-4.495e+05
78	20	4.907e+05	984.52	-0.25	-1.331e+04	0.0	-6023.16	6893.36	4.93	3268.82	-2022.59	-5.965e+05
		-5.965e+05	-2022.59	-0.08	0.0	609.8	-1.091e+04	-6417.26	4.93	3268.82	984.52	-4.514e+05
78	21	5.274e+05	446.12	-0.28	-1.331e+04	0.0	-5316.56	7032.01	0.59	1159.99	87.03	-6.021e+05
		-6.021e+05	87.03	0.06	0.0	609.8	-1.020e+04	-6278.61	0.59	1159.99	446.12	-3.724e+05
78	42	5.069e+05	724.27	-0.26	-1.331e+04	0.0	-5713.94	6948.24	3.00	2376.94	-1103.52	-5.970e+05
		-5.970e+05	-1103.52	-0.02	0.0	609.8	-1.060e+04	-6362.38	3.00	2376.94	724.27	-4.184e+05
78	43	5.069e+05	724.27	-0.26	-1.331e+04	0.0	-5713.94	6948.24	3.00	2376.94	-1103.52	-5.970e+05
		-5.970e+05	-1103.52	-0.02	0.0	609.8	-1.060e+04	-6362.38	3.00	2376.94	724.27	-4.184e+05
78	44	5.069e+05	724.27	-0.26	-1.331e+04	0.0	-5713.94	6948.24	3.00	2376.94	-1103.52	-5.970e+05
		-5.970e+05	-1103.52	-0.02	0.0	609.8	-1.060e+04	-6362.38	3.00	2376.94	724.27	-4.184e+05
79	1	2.199e+05	2.997e+04	0.08	-4343.63	0.0	9874.74	1993.85	-30.81	8.727e+04	2.997e+04	3.494e+04
		-3.714e+04	1.749e+04	5.59e-03	0.0	405.0	9874.74	-2349.78	-30.81	8.727e+04	1.749e+04	-3.714e+04
79	3	2.160e+05	2.944e+04	0.09	-4343.63	0.0	1.037e+04	1992.59	-31.69	9.488e+04	2.944e+04	3.131e+04
		-4.127e+04	1.661e+04	4.85e-03	0.0	405.0	1.037e+04	-2351.03	-31.69	9.488e+04	1.661e+04	-4.127e+04
79	5	2.029e+05	2.783e+04	0.08	-4343.63	0.0	8754.13	2000.41	-31.46	9.045e+04	2.783e+04	1.680e+04
		-5.262e+04	1.509e+04	3.91e-03	0.0	405.0	8754.13	-2343.22	-31.46	9.045e+04	1.509e+04	-5.262e+04
79	6	1.514e+05	1.986e+04	0.06	-3341.25	0.0	6643.75	1549.52	-24.71	5.791e+04	1.986e+04	6399.99
		-4.265e+04	9849.89	-1.31e-03	0.0	405.0	6643.75	-1791.73	-24.71	5.791e+04	9849.89	-4.265e+04
79	7	1.647e+05	2.174e+04	0.06	-3341.25	0.0	7442.79	1545.13	-25.36	5.823e+04	2.174e+04	2.045e+04
		-3.038e+04	1.146e+04	1.63e-03	0.0	405.0	7442.79	-1796.12	-25.36	5.823e+04	1.146e+04	-3.038e+04
79	8	1.630e+05	2.191e+04	0.06	-3341.25	0.0	7588.69	1545.26	-25.94	6.676e+04	2.191e+04	1.869e+04
		-3.209e+04	1.141e+04	1.45e-03	0.0	405.0	7588.69	-1795.99	-25.94	6.676e+04	1.141e+04	-3.209e+04
79	9	1.532e+05	2.021e+04	0.06	-3341.25	0.0	6731.27	1547.81	-25.01	5.824e+04	2.021e+04	8495.06
		-4.125e+04	1.008e+04	-1.16e-03	0.0	405.0	6731.27	-1793.44	-25.01	5.824e+04	1.008e+04	-4.125e+04
79	10	1.509e+05	3.257e+04	0.04	-3341.25	0.0	6003.70	1635.99	-61.16	1.284e+05	3.257e+04	-1.127e+04
		-2.530e+04	7802.22	0.10	0.0	405.0	6003.70	-1705.26	-61.16	1.284e+05	7802.22	-2.530e+04
79	18	1.676e+05	1.506e+04	0.06	-3341.25	0.0	1.030e+04	2430.37	-29.84	2.085e+04	1.506e+04	-1.900e+05
		-1.900e+05	2972.35	-0.03	0.0	405.0	1.030e+04	-910.88	-29.84	2.085e+04	2972.35	1.177e+05
79	19	2.344e+05	2.565e+04	0.06	-3341.25	0.0	3171.20	670.11	-23.06	9.407e+04	2.565e+04	2.073e+05
		-1.979e+05	1.631e+04	0.03	0.0	405.0	3171.20	-2671.14	-23.06	9.407e+04	1.631e+04	-1.979e+05
79	22	1.651e+05	1.583e+04	0.05	-3341.25	0.0	9674.17	2378.97	-31.87	2.906e+04	1.583e+04	-1.775e+05
		-1.775e+05	2923.01	-0.03	0.0	405.0	9674.17	-962.28	-31.87	2.906e+04	2923.01	1.094e+05
79	42	1.533e+05	2.030e+04	0.06	-3341.25	0.0	6729.95	1545.74	-25.36	5.850e+04	2.030e+04	8927.54
		-4.165e+04	1.003e+04	-9.06e-04	0.0	405.0	6729.95	-1795.51	-25.36	5.850e+04	1.003e+04	-4.165e+04
79	43	1.533e+05	2.030e+04	0.06	-3341.25	0.0	6729.95	1545.74	-25.36	5.850e+04	2.030e+04	8927.54
		-4.165e+04	1.003e+04	-9.06e-04	0.0	405.0	6729.95	-1795.51	-25.36	5.850e+04	1.003e+04	-4.165e+04
79	44	1.533e+05	2.030e+04	0.06	-3341.25	0.0	6729.95	1545.74	-25.36	5.850e+04	2.030e+04	8927.54
		-4.165e+04	1.003e+04	-9.06e-04	0.0	405.0	6729.95	-1795.51	-25.36	5.850e+04	1.003e+04	-4.165e+04
80	1	1.372e+05	2.662e+04	0.15	-4343.63	0.0	7497.22	1320.67	-180.16	2.335e+05	2.662e+04	5.590e+04
		-2.888e+05	-4.634e+04	0.01	0.0	405.0	7497.22	-3022.96	-180.16	2.335e+05	-4.634e+04	-2.888e+05
80	3	1.352e+05	2.609e+04	0.15	-4343.63	0.0	8094.06	1289.26	-182.62	2.364e+05	2.609e+04	5.790e+04
		-2.995e+05	-4.787e+04	0.01	0.0	405.0	8094.06	-3054.37	-182.62	2.364e+05	-4.787e+04	-2.995e+05
80	6	9.373e+04	1.483e+04	0.10	-3341.25	0.0	4965.75	1084.91	-101.39	1.836e+05	1.483e+04	2.250e+04
		-2.147e+05	-2.623e+04	4.68e-03	0.0	405.0	4965.75	-2256.34	-101.39	1.836e+05	-2.623e+04	-2.147e+05
80	7	1.034e+05	1.697e+04	0.11	-3341.25	0.0	5530.91	1042.21	-112.88	1.761e+05	1.697e+04	3.754e+04
		-2.170e+05	-2.875e+04	7.24e-03	0.0	405.0	5530.91	-2299.05	-112.88	1.761e+05	-2.875e+04	-2.170e+05
80	8	1.026e+05	1.737e+04	0.11	-3341.25	0.0	5765.57	1016.12	-118.27	2.170e+05	1.737e+04	4.009e+04

		-2.250e+05	-3.053e+04	6.96e-03	0.0	405.0	5765.57	-2325.13	-118.27	2.170e+05	-3.053e+04	-2.250e+05
80	9	9.515e+04	1.520e+04	0.10	-3341.25	0.0	5026.85	1078.21	-102.98	1.833e+05	1.520e+04	2.477e+04
		-2.152e+05	-2.650e+04	5.19e-03	0.0	405.0	5026.85	-2263.04	-102.98	1.833e+05	-2.650e+04	-2.152e+05
80	10	1.041e+05	3.407e+04	0.08	-3341.25	0.0	5298.43	1344.68	-152.06	2.008e+05	3.407e+04	-4957.98
		-1.370e+05	-2.752e+04	0.11	0.0	405.0	5298.43	-1996.58	-152.06	2.008e+05	-2.752e+04	-1.370e+05
80	18	1.326e+05	5251.71	0.10	-3341.25	0.0	1.128e+04	2250.42	11.23	1.201e+05	704.00	-1.742e+05
		-1.742e+05	704.00	-0.03	0.0	405.0	1.128e+04	-1090.83	11.23	1.201e+05	5251.71	6.060e+04
80	19	2.287e+05	2.876e+04	0.10	-3341.25	0.0	-1212.06	-162.06	-209.48	2.399e+05	2.876e+04	2.287e+05
		-5.135e+05	-5.607e+04	0.04	0.0	405.0	-1212.06	-3503.31	-209.48	2.399e+05	-5.607e+04	-5.135e+05
80	23	2.083e+05	2.874e+04	0.11	-3341.25	0.0	-253.99	11.21	-211.31	2.285e+05	2.874e+04	2.083e+05
		-4.638e+05	-5.684e+04	0.03	0.0	405.0	-253.99	-3330.05	-211.31	2.285e+05	-5.684e+04	-4.638e+05
80	42	9.502e+04	1.526e+04	0.10	-3341.25	0.0	5029.12	1075.51	-103.45	1.826e+05	1.526e+04	2.497e+04
		-2.161e+05	-2.663e+04	5.80e-03	0.0	405.0	5029.12	-2265.74	-103.45	1.826e+05	-2.663e+04	-2.161e+05
80	43	9.502e+04	1.526e+04	0.10	-3341.25	0.0	5029.12	1075.51	-103.45	1.826e+05	1.526e+04	2.497e+04
		-2.161e+05	-2.663e+04	5.80e-03	0.0	405.0	5029.12	-2265.74	-103.45	1.826e+05	-2.663e+04	-2.161e+05
80	44	9.502e+04	1.526e+04	0.10	-3341.25	0.0	5029.12	1075.51	-103.45	1.826e+05	1.526e+04	2.497e+04
		-2.161e+05	-2.663e+04	5.80e-03	0.0	405.0	5029.12	-2265.74	-103.45	1.826e+05	-2.663e+04	-2.161e+05
81	1	4.726e+04	91.68	-0.03	-1599.00	0.0	-1157.09	701.76	-0.25	-6518.90	91.68	-1.588e+04
		-5.595e+04	-10.83	-0.01	0.0	410.0	-1157.09	-897.24	-0.25	-6518.90	-10.83	-5.595e+04
81	3	4.696e+04	101.70	-0.03	-1599.00	0.0	-1012.41	716.21	-0.28	-6770.27	101.70	-1.877e+04
		-5.292e+04	-13.53	-0.01	0.0	410.0	-1012.41	-882.79	-0.28	-6770.27	-13.53	-5.292e+04
81	5	4.682e+04	98.16	-0.03	-1599.00	0.0	-827.26	702.57	-0.27	-5814.94	98.16	-1.646e+04
		-5.620e+04	-14.57	-0.01	0.0	410.0	-827.26	-896.43	-0.27	-5814.94	-14.57	-5.620e+04
81	6	3.589e+04	73.99	-0.02	-1230.00	0.0	-560.74	540.76	-0.20	-223.66	73.99	-1.285e+04
		-4.329e+04	-6.26	-0.01	0.0	410.0	-560.74	-689.24	-0.20	-223.66	-6.26	-4.329e+04
81	7	3.622e+04	59.87	-0.02	-1230.00	0.0	-803.02	539.42	-0.14	-219.83	59.87	-1.227e+04
		-4.326e+04	2.38	-0.01	0.0	410.0	-803.02	-690.58	-0.14	-219.83	2.38	-4.326e+04
81	9	3.593e+04	69.97	-0.02	-1230.00	0.0	-588.68	540.54	-0.18	-189.95	69.97	-1.277e+04
		-4.329e+04	-3.63	-0.01	0.0	410.0	-588.68	-689.46	-0.18	-189.95	-3.63	-4.329e+04
81	10	3.648e+04	540.32	-0.03	-1230.00	0.0	-566.85	541.91	3.80	-7528.28	-1019.45	-1.247e+04
		-4.243e+04	-1019.45	0.09	0.0	410.0	-566.85	-688.09	3.80	-7528.28	540.32	-4.243e+04
81	11	3.555e+04	1088.00	-0.02	-1230.00	0.0	-680.00	544.61	-3.92	3916.30	1088.00	-1.387e+04
		-4.273e+04	-517.28	-0.11	0.0	410.0	-680.00	-685.39	-3.92	3916.30	-517.28	-4.273e+04
81	18	3.223e+04	698.89	-0.01	-1230.00	0.0	-77.91	558.12	-2.58	1013.97	698.89	-1.962e+04
		-4.294e+04	-359.76	-0.04	0.0	410.0	-77.91	-671.88	-2.58	1013.97	-359.76	-4.294e+04
81	21	3.982e+04	534.12	-0.04	-1230.00	0.0	-1126.19	522.19	3.56	-1926.89	-924.94	-5586.47
		-4.364e+04	-924.94	0.04	0.0	410.0	-1126.19	-707.81	3.56	-1926.89	534.12	-4.364e+04
81	25	3.945e+04	460.95	-0.04	-1230.00	0.0	-1057.11	523.34	3.06	-1687.60	-794.07	-6162.61
		-4.374e+04	-794.07	0.03	0.0	410.0	-1057.11	-706.66	3.06	-1687.60	460.95	-4.374e+04
81	42	3.594e+04	60.07	-0.02	-1230.00	0.0	-589.12	540.49	-0.14	-216.36	60.07	-1.275e+04
		-4.329e+04	1.91	-0.01	0.0	410.0	-589.12	-689.51	-0.14	-216.36	1.91	-4.329e+04
81	43	3.594e+04	60.07	-0.02	-1230.00	0.0	-589.12	540.49	-0.14	-216.36	60.07	-1.275e+04
		-4.329e+04	1.91	-0.01	0.0	410.0	-589.12	-689.51	-0.14	-216.36	1.91	-4.329e+04
81	44	3.594e+04	60.07	-0.02	-1230.00	0.0	-589.12	540.49	-0.14	-216.36	60.07	-1.275e+04
		-4.329e+04	1.91	-0.01	0.0	410.0	-589.12	-689.51	-0.14	-216.36	1.91	-4.329e+04
82	3	2.283e+05	4.949e+04	-0.02	-4397.25	0.0	5638.73	3265.18	-249.12	-2.112e+05	4.949e+04	-2.686e+05
		-2.686e+05	-5.265e+04	0.03	0.0	410.0	5638.73	-1132.07	-249.12	-2.112e+05	-5.265e+04	1.686e+05
82	6	1.729e+05	3.606e+04	-0.02	-3382.50	0.0	3766.19	2527.13	-169.75	-1.732e+05	3.606e+04	-2.142e+05
		-2.142e+05	-3.354e+04	0.02	0.0	410.0	3766.19	-855.37	-169.75	-1.732e+05	-3.354e+04	1.285e+05
82	8	1.757e+05	3.862e+04	-0.01	-3382.50	0.0	4253.26	2524.70	-183.85	-2.119e+05	3.862e+04	-2.106e+05
		-2.106e+05	-3.676e+04	0.02	0.0	410.0	4253.26	-857.80	-183.85	-2.119e+05	-3.676e+04	1.311e+05
82	9	1.732e+05	3.593e+04	-0.02	-3382.50	0.0	3796.57	2523.30	-170.68	-1.732e+05	3.593e+04	-2.127e+05
		-2.127e+05	-3.405e+04	0.02	0.0	410.0	3796.57	-859.20	-170.68	-1.732e+05	-3.405e+04	1.284e+05
82	18	7.186e+05	2.818e+04	0.04	-3382.50	0.0	5513.51	4403.75	79.60	-2.107e+05	-4457.33	-3.935e+05
		-3.935e+05	-4457.33	-0.02	0.0	410.0	5513.51	1021.25	79.60	-2.107e+05	2.818e+04	7.186e+05
82	21	25.49	8.138e+04	-0.07	-3382.50	0.0	1949.19	470.02	-452.47	-1.171e+05	8.138e+04	-1.323e+04
		-5.139e+05	-1.041e+05	0.08	0.0	410.0	1949.19	-2912.48	-452.47	-1.171e+05	-1.041e+05	-5.139e+05
82	25	-4823.81	8.081e+04	-0.06	-3382.50	0.0	2264.37	722.43	-472.82	-1.257e+05	8.081e+04	-3.598e+04
		-4.332e+05	-1.130e+05	0.07	0.0	410.0	2264.37	-2660.07	-472.82	-1.257e+05	-1.130e+05	-4.332e+05
82	42	1.725e+05	3.619e+04	-0.02	-3382.50	0.0	3799.82	2519.52	-173.66	-1.745e+05	3.619e+04	-2.122e+05
		-2.122e+05	-3.501e+04	0.02	0.0	410.0	3799.82	-862.98	-173.66	-1.745e+05	-3.501e+04	1.274e+05
82	43	1.725e+05	3.619e+04	-0.02	-3382.50	0.0	3799.82	2519.52	-173.66	-1.745e+05	3.619e+04	-2.122e+05
		-2.122e+05	-3.501e+04	0.02	0.0	410.0	3799.82	-862.98	-173.66	-1.745e+05	-3.501e+04	1.274e+05
82	44	1.725e+05	3.619e+04	-0.02	-3382.50	0.0	3799.82	2519.52	-173.66	-1.745e+05	3.619e+04	-2.122e+05
		-2.122e+05	-3.501e+04	0.02	0.0	410.0	3799.82	-862.98	-173.66	-1.745e+05	-3.501e+04	1.274e+05
83	1	6.952e+05	2945.53	-0.50	-1.730e+04	0.0	-1.359e+04	8668.43	8.81	6185.87	-2427.60	-6.288e+05
		-6.288e+05	-2427.60	7.34e-03	0.0	609.8	-7238.23	-8635.39	8.81	6185.87	2945.53	-6.188e+05
83	2	4.682e+05	2240.23	-0.32	-1.331e+04	0.0	-1.060e+04	6531.10	6.63	4636.33	-1800.94	-5.085e+05
		-5.843e+05	-1800.94	4.59e-03	0.0	609.8	-5720.40	-6779.53	6.63	4636.33	2240.23	-5.843e+05
83	3	9.391e+05	2703.40	-0.72	-2.057e+04	0.0	-1.624e+04	1.028e+04	7.88	7031.35	-2101.85	-6.288e+05
		-6.288e+05	-2101.85	6.01e-03	0.0	609.8	-8696.30	-1.028e+04	7.88	7031.35	2703.40	-6.287e+05
83	7	4.694e+05	2134.14	-0.32	-1.331e+04	0.0	-1.066e+04	6523.49	6.26	4738.27	-1684.63	-5.050e+05
		-5.854e+05	-1684.63	3.59e-03	0.0	609.8	-5776.48	-6787.14	6.26	4738.27	2134.14	-5.854e+05
83	8	5.613e+05	1960.85	-0.39	-1.549e+04	0.0	-1.226e+04	7767.88	5.61	5270.99	-1459.90	-6.266e+05
		-6.266e+05	-1459.90	2.92e-03	0.0	609.8	-6579.32	-7719.54	5.61	5270.99	1960.85	-6.119e+05
83	10	3.907e+05	2105.39	-0.24	-1.331e+04	0.0	-1.132e+04	6671.70	4.94	4372.67	-904.27	-6.289e+05
		-6.289e+05	-904.27	0.14	0.0	609.8	-6439.27	-6638.93	4.94	4372.67	2105.39	-6.189e+05

83	11	5.849e+05	1678.45	-0.45	-1.331e+04	0.0	-1.057e+04	6075.60	5.88	5407.17	-1906.76	-2.592e+05
		-6.127e+05	-1906.76	-0.13	0.0	609.8	-5686.02	-7235.03	5.88	5407.17	1678.45	-6.127e+05
83	24	4.804e+05	2534.14	-0.34	-1.331e+04	0.0	-1.071e+04	6463.20	10.77	3709.25	-4030.88	-4.756e+05
		-5.928e+05	-4030.88	-0.05	0.0	609.8	-5831.64	-6847.43	10.77	3709.25	2534.14	-5.928e+05
83	42	4.697e+05	1850.37	-0.33	-1.331e+04	0.0	-1.082e+04	6495.32	5.30	4857.38	-1379.32	-4.961e+05
		-5.937e+05	-1379.32	1.49e-03	0.0	609.8	-5932.94	-6815.31	5.30	4857.38	1850.37	-5.937e+05
83	43	4.697e+05	1850.37	-0.33	-1.331e+04	0.0	-1.082e+04	6495.32	5.30	4857.38	-1379.32	-4.961e+05
		-5.937e+05	-1379.32	1.49e-03	0.0	609.8	-5932.94	-6815.31	5.30	4857.38	1850.37	-5.937e+05
83	44	4.697e+05	1850.37	-0.33	-1.331e+04	0.0	-1.082e+04	6495.32	5.30	4857.38	-1379.32	-4.961e+05
		-5.937e+05	-1379.32	1.49e-03	0.0	609.8	-5932.94	-6815.31	5.30	4857.38	1850.37	-5.937e+05
88	1	2.210e+04	2.026e+04	0.07	-2436.53	0.0	-1235.71	1380.80	-115.40	887.16	2.026e+04	-9.206e+04
		-9.206e+04	-1.341e+04	0.03	0.0	291.8	119.85	-1055.73	-115.40	887.16	-1.341e+04	-4.464e+04
88	3	2.906e+04	1.550e+04	0.04	-2837.63	0.0	-1292.29	1570.58	-85.01	836.91	1.550e+04	-9.774e+04
		-9.774e+04	-9304.31	0.02	0.0	291.8	286.43	-1267.05	-85.01	836.91	-9304.31	-5.345e+04
88	4	2.392e+04	1.106e+04	0.03	-2275.36	0.0	-955.26	1257.01	-60.63	511.78	1.106e+04	-7.737e+04
		-7.737e+04	-6631.45	0.01	0.0	291.8	310.64	-1018.35	-60.63	511.78	-6631.45	-4.255e+04
88	7	1.740e+04	1.441e+04	0.05	-1874.25	0.0	-905.62	1061.71	-81.99	620.49	1.441e+04	-7.034e+04
		-7.034e+04	-9515.81	0.02	0.0	291.8	137.12	-812.55	-81.99	620.49	-9515.81	-3.399e+04
88	8	2.208e+04	1.156e+04	0.03	-2141.66	0.0	-907.85	1189.32	-64.21	507.34	1.156e+04	-7.427e+04
		-7.427e+04	-7173.30	0.01	0.0	291.8	283.67	-952.33	-64.21	507.34	-7173.30	-3.969e+04
88	10	2.161e+04	5426.25	0.04	-1874.25	0.0	-1535.84	1122.54	-13.14	1687.54	5426.25	-7.630e+04
		-7.630e+04	1591.54	0.03	0.0	291.8	-493.10	-751.71	-13.14	1687.54	1591.54	-2.220e+04
88	11	1.596e+04	1.798e+04	0.03	-1874.25	0.0	-160.42	975.03	-117.36	-658.52	1.798e+04	-5.794e+04
		-5.794e+04	-1.627e+04	-6.77e-03	0.0	291.8	882.32	-899.22	-117.36	-658.52	-1.627e+04	-4.688e+04
88	16	2.328e+04	7811.28	0.04	-1874.25	0.0	-1195.03	1153.05	-31.60	1179.40	7811.28	-8.019e+04
		-8.019e+04	-1410.09	0.02	0.0	291.8	-152.28	-721.20	-31.60	1179.40	-1410.09	-1.718e+04
88	19	1.623e+04	5.645e+04	0.04	-1874.25	0.0	-1155.17	1032.08	-374.82	-204.76	5.645e+04	-6.666e+04
		-6.666e+04	-5.293e+04	8.77e-03	0.0	291.8	-112.42	-842.18	-374.82	-204.76	-5.293e+04	-3.895e+04
88	23	1.661e+04	5.647e+04	0.04	-1874.25	0.0	-985.75	1043.01	-374.42	-402.34	5.647e+04	-6.807e+04
		-6.807e+04	-5.279e+04	-6.81e-03	0.0	291.8	57.00	-831.24	-374.42	-402.34	-5.279e+04	-3.717e+04
88	42	1.865e+04	1.189e+04	0.04	-1874.25	0.0	-821.34	1052.78	-66.79	544.74	1.189e+04	-6.763e+04
		-6.763e+04	-7598.11	0.01	0.0	291.8	221.40	-821.47	-66.79	544.74	-7598.11	-3.388e+04
88	43	1.865e+04	1.189e+04	0.04	-1874.25	0.0	-821.34	1052.78	-66.79	544.74	1.189e+04	-6.763e+04
		-6.763e+04	-7598.11	0.01	0.0	291.8	221.40	-821.47	-66.79	544.74	-7598.11	-3.388e+04
88	44	1.865e+04	1.189e+04	0.04	-1874.25	0.0	-821.34	1052.78	-66.79	544.74	1.189e+04	-6.763e+04
		-6.763e+04	-7598.11	0.01	0.0	291.8	221.40	-821.47	-66.79	544.74	-7598.11	-3.388e+04
89	1	2.536e+04	-447.87	0.06	-2441.83	0.0	-165.67	1196.24	27.10	1225.76	-7373.86	-4.949e+04
		-5.579e+04	-7373.86	2.61e-03	0.0	255.6	-165.67	-1245.58	27.10	1225.76	-447.87	-5.579e+04
89	3	3.018e+04	-1603.81	0.03	-2901.83	0.0	-163.50	1471.04	12.59	951.32	-4821.18	-6.509e+04
		-6.509e+04	-4821.18	2.15e-03	0.0	255.6	-163.50	-1430.79	12.59	951.32	-1603.81	-5.995e+04
89	6	1.879e+04	176.41	0.02	-1878.33	0.0	-47.38	943.44	18.54	626.03	-4560.85	-4.176e+04
		-4.176e+04	-4560.85	-2.55e-03	0.0	255.6	-47.38	-934.89	18.54	626.03	176.41	-4.067e+04
89	7	1.949e+04	-90.16	0.04	-1878.33	0.0	-100.75	928.55	20.61	815.35	-5355.96	-3.915e+04
		-4.186e+04	-5355.96	-1.48e-03	0.0	255.6	-100.75	-949.78	20.61	815.35	-90.16	-4.186e+04
89	8	2.270e+04	-304.93	0.03	-2185.00	0.0	-72.23	1112.49	14.63	594.18	-4042.99	-4.965e+04
		-4.965e+04	-4042.99	-2.22e-03	0.0	255.6	-72.23	-1072.51	14.63	594.18	-304.93	-4.454e+04
89	9	1.901e+04	76.33	0.02	-1878.33	0.0	-56.57	944.26	18.06	639.85	-4539.02	-4.164e+04
		-4.164e+04	-4539.02	-2.25e-03	0.0	255.6	-56.57	-934.07	18.06	639.85	76.33	-4.034e+04
89	10	2.089e+04	4466.13	0.03	-1878.33	0.0	-504.13	1100.48	-64.11	1348.78	4466.13	-6.137e+04
		-6.137e+04	-1.192e+04	0.02	0.0	255.6	-504.13	-777.85	-64.11	1348.78	-1.192e+04	-2.014e+04
89	11	2.117e+04	1.134e+04	0.03	-1878.33	0.0	334.99	785.27	94.31	-105.08	-1.276e+04	-2.069e+04
		-6.002e+04	-1.276e+04	-0.02	0.0	255.6	334.99	-1093.06	94.31	-105.08	1.134e+04	-6.002e+04
89	16	2.205e+04	1532.85	0.03	-1878.33	0.0	-278.61	1146.36	-36.77	1044.62	1532.85	-6.730e+04
		-6.730e+04	-7863.13	0.01	0.0	255.6	-278.61	-731.97	-36.77	1044.62	-7863.13	-1.435e+04
89	17	2.254e+04	8015.27	0.03	-1878.33	0.0	139.52	733.61	71.94	151.29	-1.037e+04	-1.401e+04
		-6.654e+04	-1.037e+04	-0.01	0.0	255.6	139.52	-1144.72	71.94	151.29	8015.27	-6.654e+04
89	23	1.964e+04	2.921e+04	0.03	-1878.33	0.0	-96.95	885.09	258.11	1371.29	-3.676e+04	-3.346e+04
		-4.728e+04	-3.676e+04	0.01	0.0	255.6	-96.95	-993.24	258.11	1371.29	2.921e+04	-4.728e+04
89	42	1.945e+04	-48.97	0.03	-1878.33	0.0	-66.66	949.39	16.72	622.28	-4323.10	-4.186e+04
		-4.186e+04	-4323.10	-1.77e-03	0.0	255.6	-66.66	-928.94	16.72	622.28	-48.97	-3.925e+04
89	43	1.945e+04	-48.97	0.03	-1878.33	0.0	-66.66	949.39	16.72	622.28	-4323.10	-4.186e+04
		-4.186e+04	-4323.10	-1.77e-03	0.0	255.6	-66.66	-928.94	16.72	622.28	-48.97	-3.925e+04
89	44	1.945e+04	-48.97	0.03	-1878.33	0.0	-66.66	949.39	16.72	622.28	-4323.10	-4.186e+04
		-4.186e+04	-4323.10	-1.77e-03	0.0	255.6	-66.66	-928.94	16.72	622.28	-48.97	-3.925e+04
91	3	3.722e+04	2834.90	-0.04	-2933.26	0.0	-1048.28	1499.98	12.04	334.45	-892.22	-8.149e+04
		-8.149e+04	-892.22	0.01	0.0	309.7	738.99	-1433.28	12.04	334.45	2834.90	-7.116e+04
91	7	2.470e+04	1278.64	-0.02	-1943.67	0.0	-693.94	1001.42	1.67	253.54	761.81	-5.512e+04
		-5.512e+04	761.81	0.01	0.0	309.7	490.36	-942.25	1.67	253.54	1278.64	-4.596e+04
91	8	2.812e+04	1250.61	-0.03	-2214.66	0.0	-763.68	1135.18	3.53	144.68	157.73	-6.192e+04
		-6.192e+04	157.73	5.64e-03	0.0	309.7	585.75	-1079.48	3.53	144.68	1250.61	-5.329e+04
91	10	2.601e+04	1.326e+04	0.02	-1943.67	0.0	-915.36	1088.95	83.58	1000.86	-1.262e+04	-6.845e+04
		-6.845e+04	-1.262e+04	0.02	0.0	309.7	268.95	-854.72	83.58	1000.86	1.326e+04	-3.218e+04
91	11	2.472e+04	1.299e+04	-0.03	-1943.67	0.0	-452.33	905.33	-77.15	-704.49	1.299e+04	-4.033e+04
		-6.093e+04	-1.090e+04	-0.01	0.0	309.7	731.97	-1038.34	-77.15	-704.49	-1.090e+04	-6.093e+04
91	16	2.658e+04	8902.10	0.02	-1943.67	0.0	-787.70	1117.64	55.09	721.71	-8155.97	-7.287e+04
		-7.287e+04	-8155.97	0.01	0.0	309.7	396.60	-826.03	55.09	721.71	8902.10	-2.772e+04
91	18	2.508e+04	3.525e+04	-0.03	-1943.67	0.0	-476.63	1046.28	245.42	262.48	-4.075e+04	-6.194e+04

		-6.194e+04	-4.075e+04	0.03	0.0	309.7	707.68	-897.40	245.42	262.48	3.525e+04	-3.889e+04
91	23	2.474e+04	4.073e+04	-0.02	-1943.67	0.0	-816.81	960.35	-235.49	44.66	4.073e+04	-4.872e+04
		-5.228e+04	-3.219e+04	-0.01	0.0	309.7	367.50	-983.32	-235.49	44.66	-3.219e+04	-5.228e+04
91	42	2.477e+04	961.06	-0.02	-1943.67	0.0	-674.14	999.98	1.27	159.88	567.64	-5.482e+04
		-5.482e+04	567.64	6.77e-03	0.0	309.7	510.17	-943.69	1.27	159.88	961.06	-4.611e+04
91	43	2.477e+04	961.06	-0.02	-1943.67	0.0	-674.14	999.98	1.27	159.88	567.64	-5.482e+04
		-5.482e+04	567.64	6.77e-03	0.0	309.7	510.17	-943.69	1.27	159.88	961.06	-4.611e+04
91	44	2.477e+04	961.06	-0.02	-1943.67	0.0	-674.14	999.98	1.27	159.88	567.64	-5.482e+04
		-5.482e+04	567.64	6.77e-03	0.0	309.7	510.17	-943.69	1.27	159.88	961.06	-4.611e+04
93	1	4.577e+04	2684.60	-0.05	-3009.83	0.0	-135.04	1626.09	-13.11	556.57	2684.60	-9.237e+04
		-9.237e+04	-1445.10	1.64e-03	0.0	315.0	-135.04	-1383.73	-13.11	556.57	-1445.10	-5.419e+04
93	3	5.429e+04	2896.73	-0.07	-3576.83	0.0	-153.51	1921.73	-12.82	415.03	2896.73	-1.080e+05
		-1.080e+05	-1140.06	7.34e-04	0.0	315.0	-153.51	-1655.10	-12.82	415.03	-1140.06	-6.597e+04
93	6	3.508e+04	1209.83	-0.05	-2315.25	0.0	-95.09	1274.01	-5.79	71.42	1209.83	-7.528e+04
		-7.528e+04	-614.73	-1.18e-03	0.0	315.0	-95.09	-1041.24	-5.79	71.42	-614.73	-3.862e+04
93	7	3.524e+04	1714.36	-0.04	-2315.25	0.0	-98.57	1251.92	-8.23	341.64	1714.36	-7.121e+04
		-7.121e+04	-879.27	-5.63e-04	0.0	315.0	-98.57	-1063.33	-8.23	341.64	-879.27	-4.150e+04
93	8	4.094e+04	1417.81	-0.05	-2693.25	0.0	-106.67	1449.47	-6.28	214.50	1417.81	-8.167e+04
		-8.167e+04	-560.06	-1.52e-03	0.0	315.0	-106.67	-1243.78	-6.28	214.50	-560.06	-4.928e+04
93	9	3.514e+04	1283.52	-0.05	-2315.25	0.0	-94.70	1266.51	-6.09	135.27	1283.52	-7.390e+04
		-7.390e+04	-634.60	-1.02e-03	0.0	315.0	-94.70	-1048.74	-6.09	135.27	-634.60	-3.960e+04
93	10	3.818e+04	1.039e+04	-0.04	-2315.25	0.0	-151.93	1361.99	-42.68	882.27	1.039e+04	-8.777e+04
		-8.777e+04	-3056.53	0.01	0.0	315.0	-151.93	-953.26	-42.68	882.27	-3056.53	-2.339e+04
93	11	3.399e+04	1887.73	-0.04	-2315.25	0.0	-41.21	1132.85	30.09	-441.33	-7590.66	-5.327e+04
		-6.107e+04	-7590.66	-0.02	0.0	315.0	-41.21	-1182.40	30.09	-441.33	1887.73	-6.107e+04
93	16	3.940e+04	7072.50	-0.04	-2315.25	0.0	-106.52	1393.48	-29.26	621.21	7072.50	-9.250e+04
		-9.250e+04	-2143.05	8.55e-03	0.0	315.0	-106.52	-921.77	-29.26	621.21	-2143.05	-1.821e+04
93	18	3.669e+04	2.201e+04	-0.05	-2315.25	0.0	-82.84	1303.42	-76.28	-170.10	2.201e+04	-7.889e+04
		-7.889e+04	-2022.72	-0.02	0.0	315.0	-82.84	-1011.83	-76.28	-170.10	-2022.72	-3.296e+04
93	23	3.445e+04	790.94	-0.04	-2315.25	0.0	-91.45	1204.62	62.09	690.45	-1.877e+04	-6.411e+04
		-6.411e+04	-1.877e+04	0.02	0.0	315.0	-91.45	-1110.63	62.09	690.45	790.94	-4.931e+04
93	42	3.522e+04	1287.99	-0.04	-2315.25	0.0	-92.76	1250.38	-6.00	237.37	1287.99	-7.096e+04
		-7.096e+04	-603.04	-8.68e-04	0.0	315.0	-92.76	-1064.87	-6.00	237.37	-603.04	-4.174e+04
93	43	3.522e+04	1287.99	-0.04	-2315.25	0.0	-92.76	1250.38	-6.00	237.37	1287.99	-7.096e+04
		-7.096e+04	-603.04	-8.68e-04	0.0	315.0	-92.76	-1064.87	-6.00	237.37	-603.04	-4.174e+04
93	44	3.522e+04	1287.99	-0.04	-2315.25	0.0	-92.76	1250.38	-6.00	237.37	1287.99	-7.096e+04
		-7.096e+04	-603.04	-8.68e-04	0.0	315.0	-92.76	-1064.87	-6.00	237.37	-603.04	-4.174e+04
94	1	4.595e+04	3842.47	-0.05	-3009.83	0.0	-48.87	1633.37	-17.43	635.58	3842.47	-9.347e+04
		-9.347e+04	-1648.65	1.62e-03	0.0	315.0	-48.87	-1376.45	-17.43	635.58	-1648.65	-5.301e+04
94	2	3.533e+04	2789.81	-0.04	-2315.25	0.0	-40.10	1256.11	-12.49	444.17	2789.81	-7.185e+04
		-7.185e+04	-1143.88	-8.98e-04	0.0	315.0	-40.10	-1059.14	-12.49	444.17	-1143.88	-4.083e+04
94	3	5.444e+04	4008.16	-0.07	-3576.83	0.0	-72.46	1927.20	-16.99	494.85	4008.16	-1.088e+05
		-1.088e+05	-1342.24	-1.17e-03	0.0	315.0	-72.46	-1649.62	-16.99	494.85	-1342.24	-6.507e+04
94	7	3.532e+04	2641.89	-0.04	-2315.25	0.0	-42.24	1255.36	-11.68	404.26	2641.89	-7.173e+04
		-7.173e+04	-1038.83	-9.60e-04	0.0	315.0	-42.24	-1059.89	-11.68	404.26	-1038.83	-4.095e+04
94	8	4.098e+04	2344.63	-0.05	-2693.25	0.0	-61.96	1451.05	-9.74	278.52	2344.63	-8.192e+04
		-8.192e+04	-722.46	-1.58e-03	0.0	315.0	-61.96	-1242.20	-9.74	278.52	-722.46	-4.902e+04
94	13	3.362e+04	1233.89	-0.04	-2315.25	0.0	-168.59	1093.79	19.19	-306.60	-4812.40	-4.749e+04
		-6.760e+04	-4812.40	-0.01	0.0	315.0	-168.59	-1221.46	19.19	-306.60	1233.89	-6.760e+04
94	16	4.010e+04	7591.11	-0.05	-2315.25	0.0	56.68	1406.91	-30.95	714.57	7591.11	-9.445e+04
		-9.445e+04	-2159.09	8.53e-03	0.0	315.0	56.68	-908.34	-30.95	714.57	-2159.09	-1.592e+04
94	18	3.647e+04	2.183e+04	-0.05	-2315.25	0.0	8.45	1296.60	-75.70	-133.69	2.183e+04	-7.790e+04
		-7.790e+04	-2009.22	-0.02	0.0	315.0	8.45	-1018.65	-75.70	-133.69	-2009.22	-3.412e+04
94	23	3.453e+04	482.24	-0.04	-2315.25	0.0	-108.79	1213.64	54.98	774.48	-1.684e+04	-6.545e+04
		-6.545e+04	-1.684e+04	0.02	0.0	315.0	-108.79	-1101.61	54.98	774.48	482.24	-4.781e+04
94	42	3.526e+04	2201.82	-0.04	-2315.25	0.0	-49.02	1252.34	-9.39	298.37	2201.82	-7.126e+04
		-7.126e+04	-756.90	-1.15e-03	0.0	315.0	-49.02	-1062.91	-9.39	298.37	-756.90	-4.142e+04
94	43	3.526e+04	2201.82	-0.04	-2315.25	0.0	-49.02	1252.34	-9.39	298.37	2201.82	-7.126e+04
		-7.126e+04	-756.90	-1.15e-03	0.0	315.0	-49.02	-1062.91	-9.39	298.37	-756.90	-4.142e+04
94	44	3.526e+04	2201.82	-0.04	-2315.25	0.0	-49.02	1252.34	-9.39	298.37	2201.82	-7.126e+04
		-7.126e+04	-756.90	-1.15e-03	0.0	315.0	-49.02	-1062.91	-9.39	298.37	-756.90	-4.142e+04
96	3	3.681e+04	5412.30	-0.04	-2933.26	0.0	-779.55	1510.57	32.06	451.47	-4514.34	-8.353e+04
		-8.353e+04	-4514.34	0.01	0.0	309.7	1007.73	-1422.69	32.06	451.47	5412.30	-6.993e+04
96	7	2.442e+04	3353.32	0.02	-1943.67	0.0	-502.53	1007.34	18.51	321.16	-2377.22	-5.632e+04
		-5.632e+04	-2377.22	0.01	0.0	309.7	681.78	-936.33	18.51	321.16	3353.32	-4.532e+04
96	8	2.782e+04	3344.72	-0.03	-2214.66	0.0	-612.90	1139.84	20.53	232.67	-3011.92	-6.294e+04
		-6.294e+04	-3011.92	5.66e-03	0.0	309.7	736.53	-1074.82	20.53	232.67	3344.72	-5.287e+04
96	12	2.624e+04	1.173e+04	-0.02	-1943.67	0.0	-271.10	1139.74	73.91	928.07	-1.116e+04	-7.707e+04
		-7.707e+04	-1.116e+04	0.02	0.0	309.7	913.21	-803.93	73.91	928.07	1.173e+04	-2.507e+04
96	13	2.590e+04	6400.61	-0.03	-1943.67	0.0	-820.93	857.40	-40.54	-530.99	6400.61	-3.266e+04
		-6.810e+04	-6152.07	-8.37e-03	0.0	309.7	363.38	-1086.27	-40.54	-530.99	-6152.07	-6.810e+04
96	16	2.638e+04	1.023e+04	-0.02	-1943.67	0.0	-272.69	1146.92	65.05	779.95	-9908.47	-7.818e+04
		-7.818e+04	-9908.47	0.01	0.0	309.7	911.62	-796.75	65.05	779.95	1.023e+04	-2.396e+04
96	18	2.472e+04	3.575e+04	-0.03	-1943.67	0.0	-558.33	1046.32	240.78	590.26	-3.881e+04	-6.231e+04
		-6.231e+04	-3.881e+04	0.03	0.0	309.7	625.98	-897.35	240.78	590.26	3.575e+04	-3.925e+04
96	42	2.450e+04	3030.82	-0.02	-1943.67	0.0	-525.74	1004.60	17.98	245.71	-2537.01	-5.581e+04
		-5.581e+04	-2537.01	6.79e-03	0.0	309.7	658.57	-939.07	17.98	245.71	3030.82	-4.567e+04

96	43	2.450e+04	3030.82	-0.02	-1943.67	0.0	-525.74	1004.60	17.98	245.71	-2537.01	-5.581e+04
		-5.581e+04	-2537.01	6.79e-03	0.0	309.7	658.57	-939.07	17.98	245.71	3030.82	-4.567e+04
96	44	2.450e+04	3030.82	-0.02	-1943.67	0.0	-525.74	1004.60	17.98	245.71	-2537.01	-5.581e+04
		-5.581e+04	-2537.01	6.79e-03	0.0	309.7	658.57	-939.07	17.98	245.71	3030.82	-4.567e+04
98	3	3.035e+04	3138.82	0.05	-2901.83	0.0	279.18	1440.83	-30.43	-2770.97	3138.82	-6.106e+04
		-6.364e+04	-4638.22	9.58e-04	0.0	255.6	279.18	-1460.99	-30.43	-2770.97	-4638.22	-6.364e+04
98	4	2.474e+04	3868.31	0.04	-2338.33	0.0	182.32	1167.18	-28.28	-2686.11	3868.31	-4.970e+04
		-5.021e+04	-3357.92	-1.89e-03	0.0	255.6	182.32	-1171.15	-28.28	-2686.11	-3357.92	-5.021e+04
98	5	2.452e+04	2347.07	0.05	-2441.83	0.0	282.91	1197.82	-24.00	-2962.52	2347.07	-5.054e+04
		-5.644e+04	-3785.25	-6.82e-04	0.0	255.6	282.91	-1244.00	-24.00	-2962.52	-3785.25	-5.644e+04
98	7	1.891e+04	1906.44	0.06	-1878.33	0.0	188.19	915.38	-18.43	-2807.25	1906.44	-3.805e+04
		-4.413e+04	-2804.54	-1.28e-03	0.0	255.6	188.19	-962.95	-18.43	-2807.25	-2804.54	-4.413e+04
98	8	2.292e+04	3550.75	0.04	-2185.00	0.0	169.62	1086.44	-25.81	-2771.34	3550.75	-4.610e+04
		-4.765e+04	-3045.60	-2.05e-03	0.0	255.6	169.62	-1098.56	-25.81	-2771.34	-3045.60	-4.765e+04
98	12	2.455e+04	4826.54	0.04	-1878.33	0.0	705.60	1027.22	-60.01	663.64	4826.54	-4.717e+04
		-4.717e+04	-1.051e+04	0.01	0.0	255.6	705.60	-851.11	-60.01	663.64	-1.051e+04	-2.467e+04
98	13	1.505e+04	5626.65	0.04	-1878.33	0.0	-449.76	816.30	21.97	-6074.64	10.89	-3.028e+04
		-6.168e+04	10.89	-0.02	0.0	255.6	-449.76	-1062.03	21.97	-6074.64	5626.65	-6.168e+04
98	16	2.497e+04	5134.48	0.04	-1878.33	0.0	666.11	1036.88	-56.64	-25.10	5134.48	-4.814e+04
		-4.814e+04	-9340.51	0.01	0.0	255.6	666.11	-841.45	-56.64	-25.10	-9340.51	-2.317e+04
98	17	1.500e+04	4348.80	0.04	-1878.33	0.0	-401.80	808.73	17.74	-5367.88	-184.86	-2.948e+04
		-6.281e+04	-184.86	-0.01	0.0	255.6	-401.80	-1069.60	17.74	-5367.88	4348.80	-6.281e+04
98	22	2.102e+04	2.053e+04	0.03	-1878.33	0.0	359.10	960.11	-189.39	6598.88	2.053e+04	-4.166e+04
		-4.166e+04	-2.787e+04	-0.02	0.0	255.6	359.10	-918.21	-189.39	6598.88	-2.787e+04	-3.631e+04
98	23	1.787e+04	2.193e+04	0.05	-1878.33	0.0	-7.55	893.75	144.49	-1.132e+04	-1.500e+04	-3.632e+04
		-4.793e+04	-1.500e+04	0.01	0.0	255.6	-7.55	-984.58	144.49	-1.132e+04	2.193e+04	-4.793e+04
98	42	1.946e+04	3001.13	0.04	-1878.33	0.0	163.15	928.49	-22.38	-2676.26	3001.13	-3.918e+04
		-4.190e+04	-2719.27	-1.60e-03	0.0	255.6	163.15	-949.84	-22.38	-2676.26	-2719.27	-4.190e+04
98	43	1.946e+04	3001.13	0.04	-1878.33	0.0	163.15	928.49	-22.38	-2676.26	3001.13	-3.918e+04
		-4.190e+04	-2719.27	-1.60e-03	0.0	255.6	163.15	-949.84	-22.38	-2676.26	-2719.27	-4.190e+04
98	44	1.946e+04	3001.13	0.04	-1878.33	0.0	163.15	928.49	-22.38	-2676.26	3001.13	-3.918e+04
		-4.190e+04	-2719.27	-1.60e-03	0.0	255.6	163.15	-949.84	-22.38	-2676.26	-2719.27	-4.190e+04
99	1	2.974e+04	1.284e+04	0.09	-2436.53	0.0	-183.06	1209.67	-34.29	3572.76	1.284e+04	-5.788e+04
		-6.038e+04	2829.39	0.03	0.0	291.8	1172.51	-1226.86	-34.29	3572.76	2829.39	-6.038e+04
99	2	2.289e+04	9888.80	0.07	-1874.25	0.0	-154.38	930.41	-26.04	2956.31	9888.80	-4.450e+04
		-4.645e+04	2288.98	0.02	0.0	291.8	888.37	-943.84	-26.04	2956.31	2288.98	-4.645e+04
99	3	3.449e+04	8993.78	0.07	-2837.63	0.0	-297.32	1409.82	-19.20	2873.91	8993.78	-6.770e+04
		-7.033e+04	3392.13	0.02	0.0	291.8	1281.40	-1427.81	-19.20	2873.91	3392.13	-7.033e+04
99	7	2.287e+04	9136.44	0.07	-1874.25	0.0	-170.05	930.50	-22.97	2834.61	9136.44	-4.453e+04
		-4.646e+04	2432.46	0.02	0.0	291.8	872.69	-943.75	-22.97	2834.61	2432.46	-4.646e+04
99	8	2.605e+04	7005.19	0.05	-2141.66	0.0	-276.75	1063.79	-12.95	2540.07	7005.19	-5.105e+04
		-5.310e+04	3225.37	0.01	0.0	291.8	914.76	-1077.86	-12.95	2540.07	3225.37	-5.310e+04
99	10	2.215e+04	2250.19	0.06	-1874.25	0.0	482.40	918.83	-1.28	557.19	2250.19	-4.354e+04
		-4.888e+04	1877.39	0.03	0.0	291.8	1525.15	-955.43	-1.28	557.19	1877.39	-4.888e+04
99	13	2.366e+04	1.115e+04	0.04	-1874.25	0.0	-990.22	945.29	-26.12	3672.72	1.115e+04	-4.590e+04
		-4.590e+04	3528.80	-8.05e-03	0.0	291.8	52.52	-928.97	-26.12	3672.72	3528.80	-4.351e+04
99	16	2.211e+04	4048.25	0.06	-1874.25	0.0	379.29	916.91	-4.26	1426.84	4048.25	-4.330e+04
		-4.920e+04	2805.32	0.02	0.0	291.8	1422.04	-957.35	-4.26	1426.84	2805.32	-4.920e+04
99	22	2.255e+04	1.237e+04	0.04	-1874.25	0.0	-100.21	925.99	102.58	-2880.74	-1.757e+04	-4.419e+04
		-4.744e+04	-1.757e+04	0.03	0.0	291.8	942.53	-948.26	102.58	-2880.74	1.237e+04	-4.744e+04
99	23	2.312e+04	3.140e+04	0.06	-1874.25	0.0	-307.06	935.96	-132.92	7601.42	3.140e+04	-4.508e+04
		-4.542e+04	-7387.69	-0.01	0.0	291.8	735.68	-938.30	-132.92	7601.42	-7387.69	-4.542e+04
99	42	2.283e+04	7303.83	0.05	-1874.25	0.0	-219.46	930.80	-15.58	2541.84	7303.83	-4.461e+04
		-4.646e+04	2756.64	0.01	0.0	291.8	823.29	-943.45	-15.58	2541.84	2756.64	-4.646e+04
99	43	2.283e+04	7303.83	0.05	-1874.25	0.0	-219.46	930.80	-15.58	2541.84	7303.83	-4.461e+04
		-4.646e+04	2756.64	0.01	0.0	291.8	823.29	-943.45	-15.58	2541.84	2756.64	-4.646e+04
99	44	2.283e+04	7303.83	0.05	-1874.25	0.0	-219.46	930.80	-15.58	2541.84	7303.83	-4.461e+04
		-4.646e+04	2756.64	0.01	0.0	291.8	823.29	-943.45	-15.58	2541.84	2756.64	-4.646e+04
115	1	-2.726e+04	-371.29	0.01	-1731.75	0.0	-1662.17	-803.37	6.81	-57.66	-842.63	-2.726e+04
		-1.423e+05	-842.63	3.75e-04	0.0	68.9	-1662.17	-2535.13	6.81	-57.66	-371.29	-1.423e+05
115	2	-8014.13	-1874.44	0.01	-1379.96	0.0	-1161.56	-739.30	20.59	-321.99	-3298.57	-8014.13
		-1.066e+05	-3298.57	1.54e-04	0.0	68.9	-1161.56	-2119.26	20.59	-321.99	-1874.44	-1.066e+05
115	3	-1.244e+05	-506.58	0.01	-1307.73	0.0	-2259.16	56.88	17.35	4360.67	-1707.08	-1.245e+05
		-1.657e+05	-1707.08	-1.00e-04	0.0	68.9	-2259.16	-1250.85	17.35	4360.67	-506.58	-1.657e+05
115	4	-1.053e+05	-2386.67	9.11e-03	-955.94	0.0	-1819.74	127.59	34.70	4098.12	-4786.99	-1.059e+05
		-1.300e+05	-4786.99	-3.76e-04	0.0	68.9	-1819.74	-828.34	34.70	4098.12	-2386.67	-1.300e+05
115	7	-2.768e+04	-1896.93	0.01	-1266.88	0.0	-1272.28	-552.61	22.95	614.86	-3484.66	-2.768e+04
		-1.095e+05	-3484.66	7.20e-05	0.0	68.9	-1272.28	-1819.50	22.95	614.86	-1896.93	-1.095e+05
115	8	-9.303e+04	-2382.26	9.14e-03	-984.21	0.0	-1711.91	26.59	33.91	3440.64	-4727.90	-9.303e+04
		-1.251e+05	-4727.90	-3.45e-04	0.0	68.9	-1711.91	-957.61	33.91	3440.64	-2382.26	-1.251e+05
115	10	-6.740e+04	4671.58	0.01	-984.21	0.0	-2360.28	-71.87	-24.94	7737.99	4671.58	-6.740e+04
		-1.063e+05	2946.81	7.81e-04	0.0	68.9	-2360.28	-1056.07	-24.94	7737.99	2946.81	-1.063e+05
115	21	-1.366e+05	8.113e+04	0.01	-984.21	0.0	-1759.53	312.65	-422.50	8857.53	8.113e+04	-1.400e+05
		-1.523e+05	5.191e+04	1.65e-03	0.0	68.9	-1759.53	-671.55	-422.50	8857.53	5.191e+04	-1.523e+05
115	22	-1.272e+04	-5.354e+04	7.16e-03	-984.21	0.0	-1168.01	-484.00	463.77	-3074.06	-8.562e+04	-1.272e+04
		-8.002e+04	-8.562e+04	-2.00e-03	0.0	68.9	-1168.01	-1468.20	463.77	-3074.06	-5.354e+04	-8.002e+04
115	24	-6660.50	-5.551e+04	7.15e-03	-984.21	0.0	-1232.88	-530.04	479.17	-3612.05	-8.866e+04	-6660.50

		-7.713e+04	-8.866e+04	-2.17e-03	0.0	68.9	-1232.88	-1514.25	479.17	-3612.05	-5.551e+04	-7.713e+04
115	42	-7.031e+04	-2033.22	8.81e-03	-984.21	0.0	-1496.95	-132.09	29.36	2732.97	-4064.70	-7.031e+04
		-1.133e+05	-4064.70	-2.70e-04	0.0	68.9	-1496.95	-1116.30	29.36	2732.97	-2033.22	-1.133e+05
115	43	-7.031e+04	-2033.22	8.81e-03	-984.21	0.0	-1496.95	-132.09	29.36	2732.97	-4064.70	-7.031e+04
		-1.133e+05	-4064.70	-2.70e-04	0.0	68.9	-1496.95	-1116.30	29.36	2732.97	-2033.22	-1.133e+05
115	44	-7.031e+04	-2033.22	8.81e-03	-984.21	0.0	-1496.95	-132.09	29.36	2732.97	-4064.70	-7.031e+04
		-1.133e+05	-4064.70	-2.70e-04	0.0	68.9	-1496.95	-1116.30	29.36	2732.97	-2033.22	-1.133e+05
125	1	2.478e+04	5041.01	0.04	-3678.39	0.0	378.25	1903.88	89.06	5.268e+04	-1.166e+04	-6.749e+04
		-6.749e+04	-1.166e+04	-7.46e-03	0.0	187.5	378.25	-1774.51	89.06	5.268e+04	5041.01	-5.537e+04
125	6	1.355e+04	2991.53	0.02	-2071.67	0.0	256.09	1136.53	52.34	3.349e+04	-6822.98	-4.487e+04
		-4.487e+04	-6822.98	-7.29e-03	0.0	187.5	256.09	-935.14	52.34	3.349e+04	2991.53	-2.599e+04
125	7	1.853e+04	3802.53	0.03	-2698.11	0.0	304.47	1432.23	67.07	3.929e+04	-8773.03	-5.250e+04
		-5.250e+04	-8773.03	-6.72e-03	0.0	187.5	304.47	-1265.88	67.07	3.929e+04	3802.53	-3.691e+04
125	9	1.384e+04	3148.74	0.02	-2128.62	0.0	268.90	1160.75	55.27	3.427e+04	-7214.94	-4.544e+04
		-4.544e+04	-7214.94	-7.03e-03	0.0	187.5	268.90	-967.86	55.27	3.427e+04	3148.74	-2.736e+04
125	17	1.588e+04	5646.15	0.03	-2128.62	0.0	280.03	1181.34	92.09	2.995e+04	-1.162e+04	-4.557e+04
		-4.557e+04	-1.162e+04	-0.02	0.0	187.5	280.03	-947.27	92.09	2.995e+04	5646.15	-2.363e+04
125	21	5.304e+04	3464.93	-9.08e-03	-2128.62	0.0	-150.96	-200.85	55.42	4.551e+04	-6926.55	5.304e+04
		-1.842e+05	-6926.55	8.51e-03	0.0	187.5	-150.96	-2329.46	55.42	4.551e+04	3464.93	-1.842e+05
125	24	1.258e+05	2782.94	0.05	-2128.62	0.0	693.46	2490.62	57.63	2.408e+04	-8022.45	-1.416e+05
		-1.416e+05	-8022.45	-0.02	0.0	187.5	693.46	362.00	57.63	2.408e+04	2782.94	1.258e+05
125	42	1.352e+04	3359.20	0.02	-2128.62	0.0	291.24	1155.40	59.31	3.495e+04	-7762.36	-4.519e+04
		-4.519e+04	-7762.36	-6.47e-03	0.0	187.5	291.24	-973.21	59.31	3.495e+04	3359.20	-2.811e+04
125	43	1.352e+04	3359.20	0.02	-2128.62	0.0	291.24	1155.40	59.31	3.495e+04	-7762.36	-4.519e+04
		-4.519e+04	-7762.36	-6.47e-03	0.0	187.5	291.24	-973.21	59.31	3.495e+04	3359.20	-2.811e+04
125	44	1.352e+04	3359.20	0.02	-2128.62	0.0	291.24	1155.40	59.31	3.495e+04	-7762.36	-4.519e+04
		-4.519e+04	-7762.36	-6.47e-03	0.0	187.5	291.24	-973.21	59.31	3.495e+04	3359.20	-2.811e+04
126	1	9.827e+04	1.387e+04	0.04	-2991.76	0.0	144.60	117.33	-195.69	-2762.42	1.387e+04	9.804e+04
		-1.122e+05	-1.597e+04	-1.84e-04	0.0	152.5	144.60	-2874.43	-195.69	-2762.42	-1.597e+04	-1.122e+05
126	4	5.348e+04	9827.63	0.02	-1684.96	0.0	197.10	70.24	-134.47	-3356.99	9827.63	5.332e+04
		-6.445e+04	-1.068e+04	-1.91e-03	0.0	152.5	197.10	-1614.72	-134.47	-3356.99	-1.068e+04	-6.445e+04
126	7	6.900e+04	1.061e+04	0.03	-2194.46	0.0	161.18	122.12	-147.45	-2434.26	1.061e+04	6.849e+04
		-8.022e+04	-1.187e+04	-1.11e-03	0.0	152.5	161.18	-2072.34	-147.45	-2434.26	-1.187e+04	-8.022e+04
126	8	5.470e+04	9802.67	0.02	-1731.27	0.0	196.66	79.08	-134.14	-2935.54	9802.67	5.446e+04
		-6.549e+04	-1.065e+04	-1.99e-03	0.0	152.5	196.66	-1652.19	-134.14	-2935.54	-1.065e+04	-6.549e+04
126	10	7.257e+04	1.067e+04	0.02	-1731.27	0.0	-16.33	-137.27	-157.92	-1.667e+04	1.067e+04	7.257e+04
		-8.037e+04	-1.341e+04	0.01	0.0	152.5	-16.33	-1868.55	-157.92	-1.667e+04	-1.341e+04	-8.037e+04
126	18	3.989e+04	1.147e+04	0.05	-1731.27	0.0	1589.32	1746.55	-134.63	-1.231e+04	1.147e+04	-9.445e+04
		-9.445e+04	-9061.63	-0.01	0.0	152.5	1589.32	15.27	-134.63	-1.231e+04	-9061.63	3.989e+04
126	21	2.071e+05	6473.43	-4.53e-03	-1731.27	0.0	-1271.06	-1615.74	-116.91	1.097e+04	6473.43	2.071e+05
		-1.713e+05	-1.136e+04	0.01	0.0	152.5	-1271.06	-3347.02	-116.91	1.097e+04	-1.136e+04	-1.713e+05
126	24	4.003e+04	1.262e+04	0.05	-1731.27	0.0	1526.51	1764.29	-142.56	-1.382e+04	1.262e+04	-9.702e+04
		-9.702e+04	-9124.41	-0.01	0.0	152.5	1526.51	33.02	-142.56	-1.382e+04	-9124.41	4.003e+04
126	42	5.545e+04	9603.15	0.02	-1731.27	0.0	189.10	76.10	-131.36	-2055.01	9603.15	5.524e+04
		-6.516e+04	-1.043e+04	-1.45e-03	0.0	152.5	189.10	-1655.17	-131.36	-2055.01	-1.043e+04	-6.516e+04
126	43	5.545e+04	9603.15	0.02	-1731.27	0.0	189.10	76.10	-131.36	-2055.01	9603.15	5.524e+04
		-6.516e+04	-1.043e+04	-1.45e-03	0.0	152.5	189.10	-1655.17	-131.36	-2055.01	-1.043e+04	-6.516e+04
126	44	5.545e+04	9603.15	0.02	-1731.27	0.0	189.10	76.10	-131.36	-2055.01	9603.15	5.524e+04
		-6.516e+04	-1.043e+04	-1.45e-03	0.0	152.5	189.10	-1655.17	-131.36	-2055.01	-1.043e+04	-6.516e+04
127	1	1.700e+05	147.92	0.20	-1451.83	0.0	-459.55	-364.39	35.26	2.191e+04	-1.298e+04	1.700e+05
		-2.359e+05	-1.298e+04	-0.02	0.0	372.3	-459.55	-1816.23	35.26	2.191e+04	147.92	-2.359e+05
127	4	9.564e+04	4125.57	0.12	-1116.79	0.0	-347.47	-85.09	48.42	1.829e+04	-1.390e+04	9.564e+04
		-1.439e+05	-1.390e+04	-0.02	0.0	372.3	-347.47	-1201.89	48.42	1.829e+04	4125.57	-1.439e+05
127	5	1.282e+05	1.229e+04	0.15	-1451.83	0.0	-432.29	-130.69	99.75	2.075e+04	-2.484e+04	1.282e+05
		-1.907e+05	-2.484e+04	-0.03	0.0	372.3	-432.29	-1582.52	99.75	2.075e+04	1.229e+04	-1.907e+05
127	7	1.212e+05	878.46	0.15	-1116.79	0.0	-388.87	-228.49	32.57	1.673e+04	-1.125e+04	1.212e+05
		-1.717e+05	-1.125e+04	-0.02	0.0	372.3	-388.87	-1345.28	32.57	1.673e+04	878.46	-1.717e+05
127	8	9.676e+04	3567.87	0.12	-1116.79	0.0	-349.14	-92.48	45.34	1.780e+04	-1.331e+04	9.676e+04
		-1.455e+05	-1.331e+04	-0.02	0.0	372.3	-349.14	-1209.28	45.34	1.780e+04	3567.87	-1.455e+05
127	9	9.344e+04	8733.46	0.11	-1116.79	0.0	-366.17	-73.34	74.18	1.593e+04	-1.888e+04	9.344e+04
		-1.417e+05	-1.888e+04	-0.02	0.0	372.3	-366.17	-1190.13	74.18	1.593e+04	8733.46	-1.417e+05
127	21	2.190e+05	1.722e+04	0.10	-1116.79	0.0	2044.73	-747.30	51.45	2.339e+04	-1930.59	2.190e+05
		-2.671e+05	-1930.59	-0.01	0.0	372.3	2044.73	-1864.10	51.45	2.339e+04	1.722e+04	-2.671e+05
127	24	2.788e+04	-1.060e+04	0.13	-1116.79	0.0	-2639.86	560.73	32.14	1.009e+04	-2.257e+04	-2.452e+04
		-2.452e+04	-2.257e+04	-0.02	0.0	372.3	-2639.86	-556.06	32.14	1.009e+04	-1.060e+04	-2.365e+04
127	42	9.525e+04	2835.53	0.12	-1116.79	0.0	-321.32	-84.23	40.28	1.638e+04	-1.216e+04	9.525e+04
		-1.440e+05	-1.216e+04	-0.02	0.0	372.3	-321.32	-1201.03	40.28	1.638e+04	2835.53	-1.440e+05
127	43	9.525e+04	2835.53	0.12	-1116.79	0.0	-321.32	-84.23	40.28	1.638e+04	-1.216e+04	9.525e+04
		-1.440e+05	-1.216e+04	-0.02	0.0	372.3	-321.32	-1201.03	40.28	1.638e+04	2835.53	-1.440e+05
127	44	9.525e+04	2835.53	0.12	-1116.79	0.0	-321.32	-84.23	40.28	1.638e+04	-1.216e+04	9.525e+04
		-1.440e+05	-1.216e+04	-0.02	0.0	372.3	-321.32	-1201.03	40.28	1.638e+04	2835.53	-1.440e+05
128	1	-3.311e+04	1.738e+04	0.04	-594.75	0.0	-220.16	597.98	418.30	-45.15	-4.642e+04	-7.895e+04
		-7.895e+04	-4.642e+04	-0.02	0.0	152.5	-220.16	3.23	418.30	-45.15	1.738e+04	-3.311e+04
128	6	-1.462e+04	1.087e+04	0.02	-457.50	0.0	-173.31	506.66	234.94	-937.54	-2.495e+04	-5.700e+04
		-5.700e+04	-2.495e+04	-0.02	0.0	152.5	-173.31	49.16	234.94	-937.54	1.087e+04	-1.462e+04
128	7	-2.155e+04	1.332e+04	0.03	-457.50	0.0	-197.11	494.22	308.46	-437.15	-3.372e+04	-6.203e+04
		-6.203e+04	-3.372e+04	-0.02	0.0	152.5	-197.11	36.72	308.46	-437.15	1.332e+04	-2.155e+04

128	9	-1.570e+04	1.144e+04	0.02	-457.50	0.0	-172.33	502.47	249.59	-880.36	-2.662e+04	-5.744e+04
		-5.744e+04	-2.662e+04	-0.02	0.0	152.5	-172.33	44.97	249.59	-880.36	1.144e+04	-1.570e+04
128	16	-2.614e+04	2.260e+04	0.02	-457.50	0.0	-65.28	385.01	442.60	-1.246e+04	-4.489e+04	-5.082e+04
		-5.082e+04	-4.489e+04	-0.02	0.0	152.5	-65.28	-72.49	442.60	-1.246e+04	2.260e+04	-2.699e+04
128	18	8.580e+04	1.440e+04	0.04	-457.50	0.0	-1809.57	1765.91	113.37	-1.011e+04	-2893.77	-1.486e+05
		-1.486e+05	-2893.77	-0.02	0.0	152.5	-1809.57	1308.41	113.37	-1.011e+04	1.440e+04	8.580e+04
128	21	3.494e+04	9013.38	2.47e-03	-457.50	0.0	1524.32	-790.74	405.81	1.053e+04	-5.287e+04	3.494e+04
		-1.205e+05	-5.287e+04	-8.49e-03	0.0	152.5	1524.32	-1248.24	405.81	1.053e+04	9013.38	-1.205e+05
128	23	2.984e+04	1.044e+04	2.35e-03	-457.50	0.0	1415.87	-718.88	430.54	7721.17	-5.521e+04	2.984e+04
		-1.147e+05	-5.521e+04	-0.01	0.0	152.5	1415.87	-1176.38	430.54	7721.17	1.044e+04	-1.147e+05
128	24	8.592e+04	1.507e+04	0.04	-457.50	0.0	-1819.59	1766.60	119.28	-1.108e+04	-3122.15	-1.486e+05
		-1.486e+05	-3122.15	-0.02	0.0	152.5	-1819.59	1309.10	119.28	-1.108e+04	1.507e+04	8.592e+04
128	42	-1.647e+04	1.226e+04	0.02	-457.50	0.0	-162.91	498.20	269.67	-756.73	-2.886e+04	-5.756e+04
		-5.756e+04	-2.886e+04	-0.02	0.0	152.5	-162.91	40.70	269.67	-756.73	1.226e+04	-1.647e+04
128	43	-1.647e+04	1.226e+04	0.02	-457.50	0.0	-162.91	498.20	269.67	-756.73	-2.886e+04	-5.756e+04
		-5.756e+04	-2.886e+04	-0.02	0.0	152.5	-162.91	40.70	269.67	-756.73	1.226e+04	-1.647e+04
128	44	-1.647e+04	1.226e+04	0.02	-457.50	0.0	-162.91	498.20	269.67	-756.73	-2.886e+04	-5.756e+04
		-5.756e+04	-2.886e+04	-0.02	0.0	152.5	-162.91	40.70	269.67	-756.73	1.226e+04	-1.647e+04
129	1	2.619e+04	3.942e+04	0.04	-731.25	0.0	-332.57	-104.52	162.32	5.728e+04	8987.85	2.619e+04
		-6.196e+04	8987.85	-0.02	0.0	187.5	-332.57	-835.77	162.32	5.728e+04	3.942e+04	-6.196e+04
129	6	6845.40	2.474e+04	0.02	-562.50	0.0	-221.69	108.09	103.17	3.607e+04	5393.04	4899.29
		-2.757e+04	5393.04	-0.01	0.0	187.5	-221.69	-454.41	103.17	3.607e+04	2.474e+04	-2.757e+04
129	7	1.531e+04	2.874e+04	0.03	-562.50	0.0	-261.13	-20.03	115.36	4.261e+04	7108.25	1.531e+04
		-4.117e+04	7108.25	-0.01	0.0	187.5	-261.13	-582.53	115.36	4.261e+04	2.874e+04	-4.117e+04
129	9	7490.99	2.511e+04	0.02	-562.50	0.0	-225.97	93.59	102.61	3.687e+04	5868.02	6054.84
		-2.913e+04	5868.02	-0.01	0.0	187.5	-225.97	-468.91	102.61	3.687e+04	2.511e+04	-2.913e+04
129	21	1.119e+05	5.020e+04	-8.16e-03	-562.50	0.0	390.66	-1261.36	256.30	4.890e+04	2142.07	1.119e+05
		-1.773e+05	2142.07	-7.20e-03	0.0	187.5	390.66	-1823.86	256.30	4.890e+04	5.020e+04	-1.773e+05
129	22	1.094e+05	9692.60	0.05	-562.50	0.0	-785.16	1356.52	-62.10	2.554e+04	9692.60	-9.222e+04
		-9.222e+04	-1952.07	-0.02	0.0	187.5	-785.16	794.02	-62.10	2.554e+04	-1952.07	1.094e+05
129	23	1.045e+05	5.126e+04	-8.32e-03	-562.50	0.0	331.31	-1170.50	254.65	4.899e+04	3516.42	1.045e+05
		-1.678e+05	3516.42	-8.99e-03	0.0	187.5	331.31	-1733.00	254.65	4.899e+04	5.126e+04	-1.678e+05
129	24	1.156e+05	1.084e+04	0.05	-562.50	0.0	-822.86	1415.93	-65.64	2.562e+04	1.084e+04	-9.718e+04
		-9.718e+04	-1465.90	-0.02	0.0	187.5	-822.86	853.43	-65.64	2.562e+04	-1465.90	1.156e+05
129	42	7636.29	2.493e+04	0.02	-562.50	0.0	-226.52	89.71	97.35	3.734e+04	6679.46	6336.30
		-2.958e+04	6679.46	-0.01	0.0	187.5	-226.52	-472.79	97.35	3.734e+04	2.493e+04	-2.958e+04
129	43	7636.29	2.493e+04	0.02	-562.50	0.0	-226.52	89.71	97.35	3.734e+04	6679.46	6336.30
		-2.958e+04	6679.46	-0.01	0.0	187.5	-226.52	-472.79	97.35	3.734e+04	2.493e+04	-2.958e+04
129	44	7636.29	2.493e+04	0.02	-562.50	0.0	-226.52	89.71	97.35	3.734e+04	6679.46	6336.30
		-2.958e+04	6679.46	-0.01	0.0	187.5	-226.52	-472.79	97.35	3.734e+04	2.493e+04	-2.958e+04
130	1	3.467e+05	4.315e+04	-0.25	-1184.55	0.0	711.80	2973.44	-395.45	-2.264e+04	4.315e+04	-3.765e+05
		-3.765e+05	-7.696e+04	0.01	0.0	303.7	711.80	1788.89	-395.45	-2.264e+04	-7.696e+04	3.467e+05
130	6	2.135e+05	2.672e+04	-0.15	-911.19	0.0	390.10	1954.58	-238.92	-1.503e+04	2.672e+04	-2.418e+05
		-2.418e+05	-4.585e+04	6.76e-03	0.0	303.7	390.10	1043.39	-238.92	-1.503e+04	-4.585e+04	2.135e+05
130	7	2.584e+05	3.151e+04	-0.18	-911.19	0.0	542.40	2234.43	-292.64	-1.659e+04	3.151e+04	-2.819e+05
		-2.819e+05	-5.737e+04	9.01e-03	0.0	303.7	542.40	1323.23	-292.64	-1.659e+04	-5.737e+04	2.584e+05
130	9	2.194e+05	2.723e+04	-0.16	-911.19	0.0	426.60	1989.78	-247.40	-1.511e+04	2.723e+04	-2.466e+05
		-2.466e+05	-4.791e+04	7.14e-03	0.0	303.7	426.60	1078.58	-247.40	-1.511e+04	-4.791e+04	2.194e+05
130	16	2.743e+05	3.504e+04	-0.14	-911.19	0.0	743.53	2343.75	-348.75	-1.155e+04	3.504e+04	-2.992e+05
		-2.992e+05	-7.089e+04	0.01	0.0	303.7	743.53	1432.55	-348.75	-1.155e+04	-7.089e+04	2.743e+05
130	17	1.703e+05	1.963e+04	-0.19	-911.19	0.0	201.28	1665.19	-160.22	-1.921e+04	1.963e+04	-1.971e+05
		-1.971e+05	-2.904e+04	1.86e-03	0.0	303.7	201.28	754.00	-160.22	-1.921e+04	-2.904e+04	1.703e+05
130	23	2.794e+05	5.828e+04	-0.22	-911.19	0.0	439.94	2371.72	-452.03	-3.600e+04	5.828e+04	-3.026e+05
		-3.026e+05	-7.902e+04	0.05	0.0	303.7	439.94	1460.53	-452.03	-3.600e+04	-7.902e+04	2.794e+05
130	42	2.237e+05	2.725e+04	-0.16	-911.19	0.0	487.32	2012.89	-255.66	-1.495e+04	2.725e+04	-2.493e+05
		-2.493e+05	-5.040e+04	7.50e-03	0.0	303.7	487.32	1101.69	-255.66	-1.495e+04	-5.040e+04	2.237e+05
130	43	2.237e+05	2.725e+04	-0.16	-911.19	0.0	487.32	2012.89	-255.66	-1.495e+04	2.725e+04	-2.493e+05
		-2.493e+05	-5.040e+04	7.50e-03	0.0	303.7	487.32	1101.69	-255.66	-1.495e+04	-5.040e+04	2.237e+05
130	44	2.237e+05	2.725e+04	-0.16	-911.19	0.0	487.32	2012.89	-255.66	-1.495e+04	2.725e+04	-2.493e+05
		-2.493e+05	-5.040e+04	7.50e-03	0.0	303.7	487.32	1101.69	-255.66	-1.495e+04	-5.040e+04	2.237e+05
131	1	1.531e+05	8.409e+04	-0.02	-390.00	0.0	124.58	-603.70	1700.89	1.703e+05	-8.600e+04	1.531e+05
		7.319e+04	-8.600e+04	-0.02	0.0	100.0	124.58	-993.70	1700.89	1.703e+05	8.409e+04	7.319e+04
131	4	9.163e+04	5.575e+04	-0.01	-300.00	0.0	56.47	-245.69	1149.45	1.050e+05	-5.919e+04	9.163e+04
		5.206e+04	-5.919e+04	-0.02	0.0	100.0	56.47	-545.69	1149.45	1.050e+05	5.575e+04	5.206e+04
131	6	8.724e+04	4.961e+04	-0.01	-300.00	0.0	21.55	-171.65	984.60	1.071e+05	-4.885e+04	8.724e+04
		5.507e+04	-4.885e+04	-0.01	0.0	100.0	21.55	-471.65	984.60	1.071e+05	4.961e+04	5.507e+04
131	7	1.139e+05	6.269e+04	-0.01	-300.00	0.0	77.24	-421.86	1285.42	1.258e+05	-6.585e+04	1.139e+05
		5.667e+04	-6.585e+04	-0.02	0.0	100.0	77.24	-721.86	1285.42	1.258e+05	6.269e+04	5.667e+04
131	8	9.347e+04	5.600e+04	-0.01	-300.00	0.0	54.65	-255.90	1155.54	1.069e+05	-5.955e+04	9.347e+04
		5.288e+04	-5.955e+04	-0.02	0.0	100.0	54.65	-555.90	1155.54	1.069e+05	5.600e+04	5.288e+04
131	9	9.054e+04	5.202e+04	-0.01	-300.00	0.0	32.19	-207.46	1046.68	1.084e+05	-5.265e+04	9.054e+04
		5.480e+04	-5.265e+04	-0.02	0.0	100.0	32.19	-507.46	1046.68	1.084e+05	5.202e+04	5.480e+04
131	16	1.088e+05	7.984e+04	-0.01	-300.00	0.0	213.75	-570.05	1676.93	1.074e+05	-8.786e+04	1.088e+05
		3.681e+04	-8.786e+04	-0.02	0.0	100.0	213.75	-870.05	1676.93	1.074e+05	7.984e+04	3.681e+04
131	22	1.255e+05	2.700e+04	0.03	-300.00	0.0	-594.64	5.29	1066.69	6.944e+04	-7.967e+04	1.255e+05
		1.111e+05	-7.967e+04	-0.02	0.0	100.0	-594.64	-294.72	1066.69	6.944e+04	2.700e+04	1.111e+05
131	23	6.046e+04	8.214e+04	-0.06	-300.00	0.0	667.59	-472.63	1189.69	1.447e+05	-3.683e+04	6.046e+04

		-1803.78	-3.683e+04	-0.01	0.0	100.0	667.59	-772.63	1189.69	1.447e+05	8.214e+04	-1803.78
131	24	1.289e+05	3.050e+04	0.03	-300.00	0.0	-570.86	-47.62	1167.85	6.845e+04	-8.628e+04	1.289e+05
		1.091e+05	-8.628e+04	-0.02	0.0	100.0	-570.86	-347.62	1167.85	6.845e+04	3.050e+04	1.091e+05
131	42	9.304e+04	5.505e+04	-0.01	-300.00	0.0	44.07	-240.63	1137.89	1.073e+05	-5.873e+04	9.304e+04
		5.398e+04	-5.873e+04	-0.02	0.0	100.0	44.07	-540.63	1137.89	1.073e+05	5.505e+04	5.398e+04
131	43	9.304e+04	5.505e+04	-0.01	-300.00	0.0	44.07	-240.63	1137.89	1.073e+05	-5.873e+04	9.304e+04
		5.398e+04	-5.873e+04	-0.02	0.0	100.0	44.07	-540.63	1137.89	1.073e+05	5.505e+04	5.398e+04
131	44	9.304e+04	5.505e+04	-0.01	-300.00	0.0	44.07	-240.63	1137.89	1.073e+05	-5.873e+04	9.304e+04
		5.398e+04	-5.873e+04	-0.02	0.0	100.0	44.07	-540.63	1137.89	1.073e+05	5.505e+04	5.398e+04
132	1	3.085e+05	-3102.71	-0.12	-936.00	0.0	-695.15	3783.29	-134.41	-1.796e+04	-3102.71	-4.872e+05
		-4.872e+05	-3.536e+04	-0.02	0.0	240.0	-695.15	2847.29	-134.41	-1.796e+04	-3.536e+04	3.085e+05
132	4	1.956e+05	52.05	-0.08	-720.00	0.0	-508.73	2490.28	-103.82	-1.128e+04	52.05	-3.157e+05
		-3.157e+05	-2.487e+04	-0.01	0.0	240.0	-508.73	1770.28	-103.82	-1.128e+04	-2.487e+04	1.956e+05
132	5	2.575e+05	-5796.99	-0.11	-936.00	0.0	-695.51	3293.23	-70.80	-1.477e+04	-5796.99	-4.205e+05
		-4.205e+05	-2.279e+04	-0.02	0.0	240.0	-695.51	2357.23	-70.80	-1.477e+04	-2.279e+04	2.575e+05
132	7	2.326e+05	-821.25	-0.09	-720.00	0.0	-552.56	2848.12	-112.43	-1.345e+04	-821.25	-3.646e+05
		-3.646e+05	-2.780e+04	-0.01	0.0	240.0	-552.56	2128.12	-112.43	-1.345e+04	-2.780e+04	2.326e+05
132	8	1.994e+05	147.88	-0.08	-720.00	0.0	-517.71	2526.42	-105.59	-1.148e+04	147.88	-3.206e+05
		-3.206e+05	-2.519e+04	-0.01	0.0	240.0	-517.71	1806.43	-105.59	-1.148e+04	-2.519e+04	1.994e+05
132	16	2.002e+05	1249.15	-0.08	-720.00	0.0	-322.95	2493.48	-167.22	-1.679e+04	1249.15	-3.119e+05
		-3.119e+05	-3.888e+04	-0.01	0.0	240.0	-322.95	1773.48	-167.22	-1.679e+04	-3.888e+04	2.002e+05
132	18	3.272e+05	8447.04	-0.03	-720.00	0.0	-1888.92	3117.77	-148.22	-1.091e+04	8447.04	-3.347e+05
		-3.347e+05	-2.713e+04	-0.02	0.0	240.0	-1888.92	2397.77	-148.22	-1.091e+04	-2.713e+04	3.272e+05
132	22	3.240e+05	8040.58	-0.03	-720.00	0.0	-1889.15	3102.08	-138.59	-1.043e+04	8040.58	-3.341e+05
		-3.341e+05	-2.522e+04	-0.02	0.0	240.0	-1889.15	2382.08	-138.59	-1.043e+04	-2.522e+04	3.240e+05
132	23	7.947e+04	-6839.18	-0.14	-720.00	0.0	805.15	1984.75	-75.59	-1.239e+04	-6839.18	-3.105e+05
		-3.105e+05	-2.498e+04	-7.06e-03	0.0	240.0	805.15	1264.75	-75.59	-1.239e+04	-2.498e+04	7.947e+04
132	24	3.251e+05	9579.13	-0.02	-720.00	0.0	-1870.55	3096.63	-161.67	-1.142e+04	9579.13	-3.317e+05
		-3.317e+05	-2.922e+04	-0.02	0.0	240.0	-1870.55	2376.63	-161.67	-1.142e+04	-2.922e+04	3.251e+05
132	42	2.008e+05	394.26	-0.08	-720.00	0.0	-531.44	2538.15	-106.30	-1.154e+04	394.26	-3.220e+05
		-3.220e+05	-2.512e+04	-0.01	0.0	240.0	-531.44	1818.15	-106.30	-1.154e+04	-2.512e+04	2.008e+05
132	43	2.008e+05	394.26	-0.08	-720.00	0.0	-531.44	2538.15	-106.30	-1.154e+04	394.26	-3.220e+05
		-3.220e+05	-2.512e+04	-0.01	0.0	240.0	-531.44	1818.15	-106.30	-1.154e+04	-2.512e+04	2.008e+05
132	44	2.008e+05	394.26	-0.08	-720.00	0.0	-531.44	2538.15	-106.30	-1.154e+04	394.26	-3.220e+05
		-3.220e+05	-2.512e+04	-0.01	0.0	240.0	-531.44	1818.15	-106.30	-1.154e+04	-2.512e+04	2.008e+05
133	1	6.113e+05	-1.370e+04	0.04	-288.61	0.0	-9898.48	-6949.38	108.46	2.855e+04	-2.175e+04	6.113e+05
		8.639e+04	-2.175e+04	-1.13e-03	0.0	74.0	-9898.48	-7237.99	108.46	2.855e+04	-1.370e+04	8.639e+04
133	2	4.646e+05	-1.143e+04	0.03	-222.00	0.0	-7678.17	-5287.38	88.78	2.220e+04	-1.802e+04	4.646e+05
		6.515e+04	-1.802e+04	-9.12e-04	0.0	74.0	-7678.17	-5509.39	88.78	2.220e+04	-1.143e+04	6.515e+04
133	4	3.881e+05	-1.478e+04	0.03	-222.00	0.0	-6445.12	-4481.29	111.48	1.811e+04	-2.306e+04	3.881e+05
		4.826e+04	-2.306e+04	-9.51e-04	0.0	74.0	-6445.12	-4703.29	111.48	1.811e+04	-1.478e+04	4.826e+04
133	5	5.191e+05	-2.119e+04	0.03	-288.61	0.0	-8323.69	-5913.42	166.55	2.244e+04	-3.356e+04	5.191e+05
		7.086e+04	-3.356e+04	-2.14e-03	0.0	74.0	-8323.69	-6202.02	166.55	2.244e+04	-2.119e+04	7.086e+04
133	6	3.756e+05	-1.865e+04	0.03	-222.00	0.0	-6120.29	-4285.01	144.88	1.603e+04	-2.941e+04	3.756e+05
		5.027e+04	-2.941e+04	-1.91e-03	0.0	74.0	-6120.29	-4507.02	144.88	1.603e+04	-1.865e+04	5.027e+04
133	7	4.422e+05	-1.205e+04	0.03	-222.00	0.0	-7278.16	-5037.74	92.98	2.087e+04	-1.895e+04	4.422e+05
		6.123e+04	-1.895e+04	-9.09e-04	0.0	74.0	-7278.16	-5259.75	92.98	2.087e+04	-1.205e+04	6.123e+04
133	8	3.912e+05	-1.430e+04	0.03	-222.00	0.0	-6457.49	-4499.36	107.94	1.814e+04	-2.232e+04	3.912e+05
		5.001e+04	-2.232e+04	-9.26e-04	0.0	74.0	-6457.49	-4721.36	107.94	1.814e+04	-1.430e+04	5.001e+04
133	9	3.829e+05	-1.687e+04	0.03	-222.00	0.0	-6239.57	-4369.52	130.38	1.676e+04	-2.654e+04	3.829e+05
		5.131e+04	-2.654e+04	-1.57e-03	0.0	74.0	-6239.57	-4591.52	130.38	1.676e+04	-1.687e+04	5.131e+04
133	18	2.443e+05	-9951.46	0.03	-222.00	0.0	-7990.19	-2947.75	52.84	1.494e+04	-1.387e+04	2.443e+05
		1.791e+04	-1.387e+04	-1.44e-03	0.0	74.0	-7990.19	-3169.76	52.84	1.494e+04	-9951.46	1.791e+04
133	21	5.175e+05	-1.651e+04	0.02	-222.00	0.0	-4450.58	-5743.37	148.01	2.045e+04	-2.750e+04	5.175e+05
		8.426e+04	-2.750e+04	4.85e-04	0.0	74.0	-4450.58	-5965.38	148.01	2.045e+04	-1.651e+04	8.426e+04
133	22	2.572e+05	-1.065e+04	0.03	-222.00	0.0	-8056.81	-3071.71	59.02	1.540e+04	-1.503e+04	2.572e+05
		2.165e+04	-1.503e+04	-1.27e-03	0.0	74.0	-8056.81	-3293.71	59.02	1.540e+04	-1.065e+04	2.165e+04
133	23	5.042e+05	-1.571e+04	0.02	-222.00	0.0	-4336.55	-5611.72	141.34	1.961e+04	-2.621e+04	5.042e+05
		8.069e+04	-2.621e+04	-4.88e-04	0.0	74.0	-4336.55	-5833.73	141.34	1.961e+04	-1.571e+04	8.069e+04
133	42	3.808e+05	-1.331e+04	0.03	-222.00	0.0	-6185.44	-4345.07	101.17	1.740e+04	-2.082e+04	3.808e+05
		5.105e+04	-2.082e+04	-8.78e-04	0.0	74.0	-6185.44	-4567.08	101.17	1.740e+04	-1.331e+04	5.105e+04
133	43	3.808e+05	-1.331e+04	0.03	-222.00	0.0	-6185.44	-4345.07	101.17	1.740e+04	-2.082e+04	3.808e+05
		5.105e+04	-2.082e+04	-8.78e-04	0.0	74.0	-6185.44	-4567.08	101.17	1.740e+04	-1.331e+04	5.105e+04
133	44	3.808e+05	-1.331e+04	0.03	-222.00	0.0	-6185.44	-4345.07	101.17	1.740e+04	-2.082e+04	3.808e+05
		5.105e+04	-2.082e+04	-8.78e-04	0.0	74.0	-6185.44	-4567.08	101.17	1.740e+04	-1.331e+04	5.105e+04
134	1	1.118e+05	4.311e+04	-0.03	-1184.55	0.0	641.99	1341.90	-242.60	-2.814e+04	4.311e+04	-1.158e+05
		-1.158e+05	-3.058e+04	7.10e-03	0.0	303.7	641.99	157.35	-242.60	-2.814e+04	-3.058e+04	1.118e+05
134	5	8.842e+04	4.382e+04	-0.02	-1184.55	0.0	407.70	1212.36	-252.97	-2.311e+04	4.382e+04	-9.992e+04
		-9.992e+04	-3.302e+04	5.70e-03	0.0	303.7	407.70	27.81	-252.97	-2.311e+04	-3.302e+04	8.842e+04
134	6	6.480e+04	3.369e+04	-0.02	-911.19	0.0	264.35	914.66	-194.32	-1.725e+04	3.369e+04	-7.463e+04
		-7.463e+04	-2.533e+04	2.75e-03	0.0	303.7	264.35	3.46	-194.32	-1.725e+04	-2.533e+04	6.480e+04
134	7	8.224e+04	3.189e+04	-0.02	-911.19	0.0	467.69	1013.61	-178.08	-2.103e+04	3.189e+04	-8.724e+04
		-8.724e+04	-2.220e+04	3.64e-03	0.0	303.7	467.69	102.42	-178.08	-2.103e+04	-2.220e+04	8.224e+04
134	9	6.667e+04	3.245e+04	-0.02	-911.19	0.0	315.91	927.56	-185.42	-1.767e+04	3.245e+04	-7.668e+04
		-7.668e+04	-2.387e+04	2.79e-03	0.0	303.7	315.91	16.37	-185.42	-1.767e+04	-2.387e+04	6.667e+04
134	16	1.100e+05	3.886e+04	-0.01	-911.19	0.0	875.97	1236.22	-208.68	-1.716e+04	3.886e+04	-1.271e+05
		-1.271e+05	-2.452e+04	7.31e-03	0.0	303.7	875.97	325.02	-208.68	-1.716e+04	-2.452e+04	1.100e+05

134	17	3.557e+04	1.713e+04	-0.03	-911.19	0.0	-89.26	601.12	-104.52	-1.877e+04	1.713e+04	-2.455e+04
		-2.455e+04	-1.462e+04	-1.61e-03	0.0	303.7	-89.26	-310.07	-104.52	-1.877e+04	-1.462e+04	1.965e+04
134	21	6.740e+04	7.034e+04	-0.03	-911.19	0.0	713.78	923.41	-465.40	-1.713e+04	7.034e+04	-7.470e+04
		-7.470e+04	-7.101e+04	0.05	0.0	303.7	713.78	12.22	-465.40	-1.713e+04	-7.101e+04	6.740e+04
134	23	7.224e+04	7.060e+04	-0.03	-911.19	0.0	766.47	959.19	-462.17	-1.729e+04	7.060e+04	-8.071e+04
		-8.071e+04	-6.977e+04	0.05	0.0	303.7	766.47	47.99	-462.17	-1.729e+04	-6.977e+04	7.224e+04
134	42	6.652e+04	2.899e+04	-0.02	-911.19	0.0	405.02	932.04	-162.01	-1.794e+04	2.899e+04	-7.819e+04
		-7.819e+04	-2.022e+04	2.51e-03	0.0	303.7	405.02	20.84	-162.01	-1.794e+04	-2.022e+04	6.652e+04
134	43	6.652e+04	2.899e+04	-0.02	-911.19	0.0	405.02	932.04	-162.01	-1.794e+04	2.899e+04	-7.819e+04
		-7.819e+04	-2.022e+04	2.51e-03	0.0	303.7	405.02	20.84	-162.01	-1.794e+04	-2.022e+04	6.652e+04
134	44	6.652e+04	2.899e+04	-0.02	-911.19	0.0	405.02	932.04	-162.01	-1.794e+04	2.899e+04	-7.819e+04
		-7.819e+04	-2.022e+04	2.51e-03	0.0	303.7	405.02	20.84	-162.01	-1.794e+04	-2.022e+04	6.652e+04
139	1	1.784e+05	4.422e+04	0.21	-1473.30	0.0	1990.42	-470.87	-180.19	3.527e+04	4.422e+04	1.784e+05
		-2.778e+05	-2.385e+04	-0.01	0.0	377.8	1990.42	-1944.17	-180.19	3.527e+04	-2.385e+04	-2.778e+05
139	6	1.190e+05	2.933e+04	0.14	-1133.31	0.0	1086.70	-299.67	-122.74	2.207e+04	2.933e+04	1.190e+05
		-2.082e+05	-1.704e+04	-7.25e-03	0.0	377.8	1086.70	-1432.98	-122.74	2.207e+04	-1.704e+04	-2.082e+05
139	7	1.297e+05	3.336e+04	0.16	-1133.31	0.0	1524.59	-325.00	-135.39	2.606e+04	3.336e+04	1.297e+05
		-2.072e+05	-1.778e+04	-9.37e-03	0.0	377.8	1524.59	-1458.31	-135.39	2.606e+04	-1.778e+04	-2.072e+05
139	9	1.167e+05	2.970e+04	0.14	-1133.31	0.0	1191.14	-279.38	-122.94	2.252e+04	2.970e+04	1.167e+05
		-2.029e+05	-1.675e+04	-7.70e-03	0.0	377.8	1191.14	-1412.68	-122.94	2.252e+04	-1.675e+04	-2.029e+05
139	16	5.027e+04	4.093e+04	0.14	-1133.31	0.0	2321.53	7.92	-161.26	2.085e+04	4.093e+04	5.027e+04
		-1.608e+05	-1.999e+04	-0.01	0.0	377.8	2321.53	-1125.38	-161.26	2.085e+04	-1.999e+04	-1.608e+05
139	17	1.714e+05	1.477e+04	0.12	-1133.31	0.0	321.65	-468.50	-59.47	2.434e+04	1.477e+04	1.714e+05
		-2.196e+05	-7701.27	-0.01	0.0	377.8	321.65	-1601.81	-59.47	2.434e+04	-7701.27	-2.196e+05
139	21	1.885e+05	1.376e+04	0.17	-1133.31	0.0	991.22	-619.26	28.06	4.038e+04	3156.53	1.885e+05
		-2.595e+05	3156.53	-0.02	0.0	377.8	991.22	-1752.56	28.06	4.038e+04	1.376e+04	-2.595e+05
139	24	3.692e+04	5.451e+04	0.10	-1133.31	0.0	1647.79	163.31	-262.66	6044.96	5.451e+04	3.255e+04
		-1.198e+05	-4.472e+04	-5.65e-03	0.0	377.8	1647.79	-970.00	-262.66	6044.96	-4.472e+04	-1.198e+05
139	42	1.080e+05	2.957e+04	0.13	-1133.31	0.0	1362.22	-219.79	-119.69	2.280e+04	2.957e+04	1.080e+05
		-1.891e+05	-1.564e+04	-8.37e-03	0.0	377.8	1362.22	-1353.10	-119.69	2.280e+04	-1.564e+04	-1.891e+05
139	43	1.080e+05	2.957e+04	0.13	-1133.31	0.0	1362.22	-219.79	-119.69	2.280e+04	2.957e+04	1.080e+05
		-1.891e+05	-1.564e+04	-8.37e-03	0.0	377.8	1362.22	-1353.10	-119.69	2.280e+04	-1.564e+04	-1.891e+05
139	44	1.080e+05	2.957e+04	0.13	-1133.31	0.0	1362.22	-219.79	-119.69	2.280e+04	2.957e+04	1.080e+05
		-1.891e+05	-1.564e+04	-8.37e-03	0.0	377.8	1362.22	-1353.10	-119.69	2.280e+04	-1.564e+04	-1.891e+05
149	1	5.109e+04	-4516.45	9.86e-03	-294.66	0.0	1651.80	-905.62	39.29	9804.87	-7494.74	5.109e+04
		-2.846e+04	-7494.74	-1.50e-03	0.0	75.6	1651.80	-1200.28	39.29	9804.87	-4516.45	-2.846e+04
149	6	2.874e+04	3478.56	6.79e-03	-226.66	0.0	721.66	-490.53	-18.25	6459.36	3478.56	2.874e+04
		-1.688e+04	2094.74	-1.47e-03	0.0	75.6	721.66	-717.19	-18.25	6459.36	2094.74	-1.688e+04
149	7	3.553e+04	-2858.75	7.07e-03	-226.66	0.0	1204.64	-647.80	25.45	7527.68	-4787.91	3.553e+04
		-2.198e+04	-4787.91	-1.34e-03	0.0	75.6	1204.64	-874.46	25.45	7527.68	-2858.75	-2.198e+04
149	9	2.794e+04	1124.61	6.45e-03	-226.66	0.0	836.11	-495.69	-5.42	6348.67	1124.61	2.794e+04
		-1.807e+04	713.61	-1.43e-03	0.0	75.6	836.11	-722.35	-5.42	6348.67	713.61	-1.807e+04
149	16	-1.895e+04	-4998.49	0.01	-226.66	0.0	2021.72	-97.71	42.77	3830.92	-8240.38	-1.895e+04
		-3.490e+04	-8240.38	-4.25e-04	0.0	75.6	2021.72	-324.37	42.77	3830.92	-4998.49	-3.490e+04
149	17	7.333e+04	-1339.01	8.53e-04	-226.66	0.0	-35.35	-893.50	20.41	6504.02	-2885.99	7.333e+04
		-2741.43	-2885.99	-2.33e-03	0.0	75.6	-35.35	-1120.16	20.41	6504.02	-1339.01	-2741.43
149	24	193.68	2.818e+04	5.47e-03	-226.66	0.0	881.55	-256.84	-146.97	4931.44	2.818e+04	193.68
		-2.777e+04	1.704e+04	-1.69e-03	0.0	75.6	881.55	-483.50	-146.97	4931.44	1.704e+04	-2.777e+04
149	25	4.784e+04	-2.102e+04	5.23e-03	-226.66	0.0	1148.68	-685.91	186.41	7137.00	-3.515e+04	4.784e+04
		-1.254e+04	-3.515e+04	-1.05e-03	0.0	75.6	1148.68	-912.57	186.41	7137.00	-2.102e+04	-1.254e+04
149	42	2.383e+04	-1860.39	5.41e-03	-226.66	0.0	1024.37	-468.92	19.09	5915.18	-3307.70	2.383e+04
		-2.016e+04	-3307.70	-1.34e-03	0.0	75.6	1024.37	-695.59	19.09	5915.18	-1860.39	-2.016e+04
149	43	2.383e+04	-1860.39	5.41e-03	-226.66	0.0	1024.37	-468.92	19.09	5915.18	-3307.70	2.383e+04
		-2.016e+04	-3307.70	-1.34e-03	0.0	75.6	1024.37	-695.59	19.09	5915.18	-1860.39	-2.016e+04
149	44	2.383e+04	-1860.39	5.41e-03	-226.66	0.0	1024.37	-468.92	19.09	5915.18	-3307.70	2.383e+04
		-2.016e+04	-3307.70	-1.34e-03	0.0	75.6	1024.37	-695.59	19.09	5915.18	-1860.39	-2.016e+04
169	1	1.445e+05	-1.634e+04	0.02	-312.00	0.0	-751.83	-1065.03	-21.04	1.589e+04	-1.634e+04	1.445e+05
		4.447e+04	-1.673e+04	-3.56e-03	0.0	80.0	-751.83	-1377.03	-21.04	1.589e+04	-1.673e+04	4.447e+04
169	5	1.384e+05	-1.097e+04	0.02	-312.00	0.0	-158.89	-1271.57	319.66	2439.54	-3.351e+04	1.384e+05
		2.978e+04	-3.351e+04	-4.96e-03	0.0	80.0	-158.89	-1583.57	319.66	2439.54	-1.097e+04	2.978e+04
169	6	1.055e+05	-7077.16	0.01	-240.00	0.0	-6.42	-1040.56	327.91	-1116.09	-2.993e+04	1.055e+05
		1.881e+04	-2.993e+04	-4.37e-03	0.0	80.0	-6.42	-1280.56	327.91	-1116.09	-7077.16	1.881e+04
169	7	1.046e+05	-1.183e+04	0.01	-240.00	0.0	-489.40	-766.57	2.83	1.216e+04	-1.302e+04	1.046e+05
		3.192e+04	-1.302e+04	-2.87e-03	0.0	80.0	-489.40	-1006.57	2.83	1.216e+04	-1.183e+04	3.192e+04
169	9	1.014e+05	-8335.21	0.01	-240.00	0.0	-96.23	-910.74	232.93	3284.21	-2.502e+04	1.014e+05
		2.256e+04	-2.502e+04	-3.81e-03	0.0	80.0	-96.23	-1150.74	232.93	3284.21	-8335.21	2.256e+04
169	16	1.167e+05	-1.082e+04	8.40e-03	-240.00	0.0	387.19	-872.57	322.33	1.491e+04	-3.635e+04	1.167e+05
		3.794e+04	-3.635e+04	-2.65e-03	0.0	80.0	387.19	-1112.57	322.33	1.491e+04	-1.082e+04	3.794e+04
169	17	7.220e+04	7344.05	0.01	-240.00	0.0	-981.54	-423.02	-265.65	9166.51	7344.05	7.220e+04
		2.473e+04	-1.172e+04	-2.05e-03	0.0	80.0	-981.54	-663.02	-265.65	9166.51	-1.172e+04	2.473e+04
169	22	5.536e+04	703.44	0.02	-240.00	0.0	-16.96	-314.00	10.02	1.008e+04	-2041.10	5.536e+04
		1.718e+04	-2041.10	-4.39e-03	0.0	80.0	-16.96	-554.00	10.02	1.008e+04	703.44	1.718e+04
169	23	1.232e+05	-2.069e+04	-2.25e-03	-240.00	0.0	-420.39	-913.78	87.68	1.348e+04	-2.768e+04	1.232e+05
		4.054e+04	-2.768e+04	-8.31e-04	0.0	80.0	-420.39	-1153.78	87.68	1.348e+04	-2.069e+04	4.054e+04
169	42	9.026e+04	-1.053e+04	0.01	-240.00	0.0	-219.73	-621.14	54.21	1.201e+04	-1.577e+04	9.026e+04
		2.936e+04	-1.577e+04	-2.62e-03	0.0	80.0	-219.73	-861.14	54.21	1.201e+04	-1.053e+04	2.936e+04
169	43	9.026e+04	-1.053e+04	0.01	-240.00	0.0	-219.73	-621.14	54.21	1.201e+04	-1.577e+04	9.026e+04

		2.936e+04	-1.577e+04	-2.62e-03	0.0	80.0	-219.73	-861.14	54.21	1.201e+04	-1.053e+04	2.936e+04
169	44	9.026e+04	-1.053e+04	0.01	-240.00	0.0	-219.73	-621.14	54.21	1.201e+04	-1.577e+04	9.026e+04
		2.936e+04	-1.577e+04	-2.62e-03	0.0	80.0	-219.73	-861.14	54.21	1.201e+04	-1.053e+04	2.936e+04
170	2	-9.047e+04	-447.84	1.53e-03	-1379.95	0.0	-386.47	802.88	20.59	-321.56	-1872.02	-1.066e+05
		-1.066e+05	-1872.02	-1.64e-04	0.0	68.9	-386.47	-577.07	20.59	-321.56	-447.84	-9.877e+04
170	3	-1.249e+05	694.68	-3.84e-03	-1307.73	0.0	-1349.11	1244.36	17.33	4359.27	-504.45	-1.657e+05
		-1.657e+05	-504.45	-1.85e-04	0.0	68.9	-1349.11	-63.37	17.33	4359.27	694.68	-1.250e+05
170	5	-1.145e+05	151.19	-2.31e-03	-1307.73	0.0	-1351.50	1087.63	18.97	3398.73	-1161.54	-1.457e+05
		-1.457e+05	-1161.54	-3.11e-04	0.0	68.9	-1351.50	-220.11	18.97	3398.73	151.19	-1.157e+05
170	6	-8.557e+04	-331.86	-1.88e-03	-955.94	0.0	-1091.09	824.07	30.83	3062.73	-2464.90	-1.101e+05
		-1.101e+05	-2464.90	-7.50e-04	0.0	68.9	-1091.09	-131.87	30.83	3062.73	-331.86	-8.619e+04
170	7	-9.104e+04	-306.78	1.05e-03	-1266.88	0.0	-525.63	823.43	22.95	614.83	-1894.22	-1.095e+05
		-1.095e+05	-1894.22	-2.88e-04	0.0	68.9	-525.63	-443.45	22.95	614.83	-306.78	-9.636e+04
170	8	-9.397e+04	-34.00	-2.82e-03	-984.20	0.0	-1012.56	943.29	33.89	3439.36	-2378.24	-1.251e+05
		-1.251e+05	-2378.24	-7.45e-04	0.0	68.9	-1012.56	-40.91	33.89	3439.36	-34.00	-9.402e+04
170	9	-8.724e+04	-229.40	-1.84e-03	-984.20	0.0	-995.37	837.55	29.78	2870.96	-2289.29	-1.118e+05
		-1.118e+05	-2289.29	-6.79e-04	0.0	68.9	-995.37	-146.65	29.78	2870.96	-229.40	-8.797e+04
170	10	-8.436e+04	2944.09	9.46e-04	-984.20	0.0	-1780.96	791.29	-24.96	7736.13	2944.09	-1.063e+05
		-1.063e+05	1217.45	1.28e-03	0.0	68.9	-1780.96	-192.92	-24.96	7736.13	1217.45	-8.566e+04
170	18	-6.545e+04	-2.220e+04	6.38e-04	-984.20	0.0	-605.33	578.74	474.11	-2928.86	-5.499e+04	-7.716e+04
		-7.716e+04	-5.499e+04	-0.01	0.0	68.9	-605.33	-405.46	474.11	-2928.86	-2.220e+04	-7.118e+04
170	21	-1.072e+05	5.186e+04	-4.11e-03	-984.20	0.0	-995.77	1147.02	-422.42	8859.38	5.186e+04	-1.523e+05
		-1.523e+05	2.263e+04	0.01	0.0	68.9	-995.77	162.82	-422.42	8859.38	2.263e+04	-1.072e+05
170	22	-6.725e+04	-2.141e+04	5.28e-04	-984.20	0.0	-592.42	603.98	463.66	-3078.16	-5.348e+04	-8.002e+04
		-8.002e+04	-5.348e+04	-0.01	0.0	68.9	-592.42	-380.22	463.66	-3078.16	-2.141e+04	-7.231e+04
170	24	-6.551e+04	-2.232e+04	6.22e-04	-984.20	0.0	-661.21	576.47	479.06	-3616.24	-5.546e+04	-7.713e+04
		-7.713e+04	-5.546e+04	-0.01	0.0	68.9	-661.21	-407.73	479.06	-3616.24	-2.232e+04	-7.132e+04
170	42	-8.815e+04	0.60	-2.02e-03	-984.20	0.0	-830.12	848.29	29.35	2731.84	-2029.74	-1.133e+05
		-1.133e+05	-2029.74	-6.12e-04	0.0	68.9	-830.12	-135.91	29.35	2731.84	0.60	-8.879e+04
170	43	-8.815e+04	0.60	-2.02e-03	-984.20	0.0	-830.12	848.29	29.35	2731.84	-2029.74	-1.133e+05
		-1.133e+05	-2029.74	-6.12e-04	0.0	68.9	-830.12	-135.91	29.35	2731.84	0.60	-8.879e+04
170	44	-8.815e+04	0.60	-2.02e-03	-984.20	0.0	-830.12	848.29	29.35	2731.84	-2029.74	-1.133e+05
		-1.133e+05	-2029.74	-6.12e-04	0.0	68.9	-830.12	-135.91	29.35	2731.84	0.60	-8.879e+04
171	1	8.639e+04	-5654.03	0.05	-288.61	0.0	-6908.15	-1875.00	108.18	2.853e+04	-1.369e+04	8.639e+04
		-6.304e+04	-1.369e+04	-3.78e-03	0.0	74.0	-6908.15	-2163.60	108.18	2.853e+04	-5654.03	-6.304e+04
171	2	6.515e+04	-4843.47	0.04	-222.00	0.0	-5365.62	-1426.16	88.56	2.218e+04	-1.142e+04	6.515e+04
		-4.860e+04	-1.142e+04	-3.12e-03	0.0	74.0	-5365.62	-1648.16	88.56	2.218e+04	-4843.47	-4.860e+04
171	5	7.086e+04	-8825.38	0.04	-288.61	0.0	-5797.45	-1553.59	166.30	2.242e+04	-2.117e+04	7.086e+04
		-5.478e+04	-2.117e+04	-6.24e-03	0.0	74.0	-5797.45	-1842.20	166.30	2.242e+04	-8825.38	-5.478e+04
171	6	5.027e+04	-7891.54	0.03	-222.00	0.0	-4265.86	-1115.07	144.69	1.602e+04	-1.863e+04	5.027e+04
		-4.046e+04	-1.863e+04	-5.51e-03	0.0	74.0	-4265.86	-1337.08	144.69	1.602e+04	-7891.54	-4.046e+04
171	7	6.123e+04	-5149.73	0.04	-222.00	0.0	-5079.36	-1346.97	92.77	2.086e+04	-1.204e+04	6.123e+04
		-4.667e+04	-1.204e+04	-3.24e-03	0.0	74.0	-5079.36	-1568.98	92.77	2.086e+04	-5149.73	-4.667e+04
171	9	5.131e+04	-7181.75	0.03	-222.00	0.0	-4346.19	-1139.59	130.19	1.674e+04	-1.685e+04	5.131e+04
		-4.124e+04	-1.685e+04	-4.83e-03	0.0	74.0	-4346.19	-1361.60	130.19	1.674e+04	-7181.75	-4.124e+04
171	12	5.091e+04	-3462.00	0.03	-222.00	0.0	-3875.96	-1153.54	95.88	1.652e+04	-1.058e+04	5.091e+04
		-4.267e+04	-1.058e+04	-3.11e-03	0.0	74.0	-3875.96	-1375.54	95.88	1.652e+04	-3462.00	-4.267e+04
171	21	8.426e+04	-5518.11	0.03	-222.00	0.0	-2330.03	-1614.47	147.80	2.043e+04	-1.649e+04	8.426e+04
		-4.343e+04	-1.649e+04	-3.29e-03	0.0	74.0	-2330.03	-1836.48	147.80	2.043e+04	-5518.11	-4.343e+04
171	22	2.165e+04	-6269.59	0.03	-222.00	0.0	-6391.77	-701.95	58.85	1.538e+04	-1.064e+04	2.165e+04
		-3.850e+04	-1.064e+04	-3.33e-03	0.0	74.0	-6391.77	-923.95	58.85	1.538e+04	-6269.59	-3.850e+04
171	23	8.069e+04	-5217.81	0.03	-222.00	0.0	-2239.08	-1566.15	141.13	1.960e+04	-1.570e+04	8.069e+04
		-4.342e+04	-1.570e+04	-3.53e-03	0.0	74.0	-2239.08	-1788.16	141.13	1.960e+04	-5217.81	-4.342e+04
171	25	8.145e+04	-5256.96	0.03	-222.00	0.0	-2278.64	-1577.39	141.85	2.008e+04	-1.579e+04	8.145e+04
		-4.349e+04	-1.579e+04	-3.29e-03	0.0	74.0	-2278.64	-1799.40	141.85	2.008e+04	-5256.96	-4.349e+04
171	42	5.105e+04	-5797.12	0.03	-222.00	0.0	-4300.98	-1133.75	100.98	1.738e+04	-1.330e+04	5.105e+04
		-4.106e+04	-1.330e+04	-3.45e-03	0.0	74.0	-4300.98	-1355.75	100.98	1.738e+04	-5797.12	-4.106e+04
171	43	5.105e+04	-5797.12	0.03	-222.00	0.0	-4300.98	-1133.75	100.98	1.738e+04	-1.330e+04	5.105e+04
		-4.106e+04	-1.330e+04	-3.45e-03	0.0	74.0	-4300.98	-1355.75	100.98	1.738e+04	-5797.12	-4.106e+04
171	44	5.105e+04	-5797.12	0.03	-222.00	0.0	-4300.98	-1133.75	100.98	1.738e+04	-1.330e+04	5.105e+04
		-4.106e+04	-1.330e+04	-3.45e-03	0.0	74.0	-4300.98	-1355.75	100.98	1.738e+04	-5797.12	-4.106e+04
172	1	-2.846e+04	-1540.17	6.71e-03	-294.66	0.0	2185.84	8.92	39.19	9796.18	-4511.39	-2.846e+04
		-3.892e+04	-4511.39	-2.41e-03	0.0	75.6	2185.84	-285.74	39.19	9796.18	-1540.17	-3.892e+04
172	6	-1.677e+04	2092.46	4.91e-03	-226.66	0.0	966.99	25.94	-18.31	6453.95	2092.46	-1.688e+04
		-2.348e+04	704.42	-1.05e-03	0.0	75.6	966.99	-200.72	-18.31	6453.95	704.42	-2.348e+04
172	7	-2.194e+04	-931.47	4.64e-03	-226.66	0.0	1585.37	15.39	25.38	7521.27	-2855.47	-2.198e+04
		-2.938e+04	-2855.47	-1.91e-03	0.0	75.6	1585.37	-211.27	25.38	7521.27	-931.47	-2.938e+04
172	9	-1.791e+04	712.96	4.45e-03	-226.66	0.0	1102.71	31.72	-5.48	6343.10	712.96	-1.807e+04
		-2.424e+04	297.57	-1.29e-03	0.0	75.6	1102.71	-194.94	-5.48	6343.10	297.57	-2.424e+04
172	12	-2.784e+04	-1764.35	5.83e-03	-226.66	0.0	2116.83	187.97	44.49	4081.90	-5137.02	-3.372e+04
		-3.372e+04	-5137.02	-1.22e-03	0.0	75.6	2116.83	-38.70	44.49	4081.90	-1764.35	-2.808e+04
172	13	-3597.39	208.51	8.16e-04	-226.66	0.0	462.86	-105.68	18.94	6235.11	-1227.42	-3597.39
		-2.014e+04	-1227.42	-2.83e-03	0.0	75.6	462.86	-332.34	18.94	6235.11	208.51	-2.014e+04
172	16	-2.848e+04	-1756.38	6.05e-03	-226.66	0.0	2116.37	196.23	42.70	3824.70	-4993.06	-3.490e+04
		-3.490e+04	-4993.06	-1.43e-03	0.0	75.6	2116.37	-30.43	42.70	3824.70	-1756.38	-2.863e+04
172	17	-2741.43	206.08	6.27e-04	-226.66	0.0	475.78	-111.13	20.34	6498.42	-1336.38	-2741.43
		-1.970e+04	-1336.38	-2.60e-03	0.0	75.6	475.78	-337.79	20.34	6498.42	206.08	-1.970e+04

172	24	-2.625e+04	1.702e+04	2.33e-03	-226.66	0.0	1060.72	95.82	-146.98	4930.44	1.702e+04	-2.777e+04
		-2.910e+04	5877.64	1.77e-03	0.0	75.6	1060.72	-130.84	-146.98	4930.44	5877.64	-2.910e+04
172	25	-1.254e+04	-6868.97	3.87e-03	-226.66	0.0	1546.06	0.75	186.30	7126.52	-2.099e+04	-1.254e+04
		-2.105e+04	-2.099e+04	-5.29e-03	0.0	75.6	1546.06	-225.91	186.30	7126.52	-6868.97	-2.105e+04
172	42	-1.974e+04	-415.29	3.16e-03	-226.66	0.0	1312.74	50.29	19.03	5909.39	-1857.94	-2.016e+04
		-2.492e+04	-1857.94	-1.71e-03	0.0	75.6	1312.74	-176.38	19.03	5909.39	-415.29	-2.492e+04
172	43	-1.974e+04	-415.29	3.16e-03	-226.66	0.0	1312.74	50.29	19.03	5909.39	-1857.94	-2.016e+04
		-2.492e+04	-1857.94	-1.71e-03	0.0	75.6	1312.74	-176.38	19.03	5909.39	-415.29	-2.492e+04
172	44	-1.974e+04	-415.29	3.16e-03	-226.66	0.0	1312.74	50.29	19.03	5909.39	-1857.94	-2.016e+04
		-2.492e+04	-1857.94	-1.71e-03	0.0	75.6	1312.74	-176.38	19.03	5909.39	-415.29	-2.492e+04
179	1	8711.43	4509.31	0.01	-156.00	0.0	-265.73	-577.87	257.57	1.077e+04	-5303.22	8711.43
		-1.663e+04	-5303.22	-3.80e-03	0.0	40.0	-265.73	-733.87	257.57	1.077e+04	4509.31	-1.663e+04
179	3	1.000e+04	4266.63	8.99e-03	-156.00	0.0	83.02	-519.80	221.55	1.030e+04	-4188.60	1.000e+04
		-1.317e+04	-4188.60	-3.40e-03	0.0	40.0	83.02	-675.80	221.55	1.030e+04	4266.63	-1.317e+04
179	5	-5399.56	8384.06	9.00e-03	-156.00	0.0	250.06	-432.13	171.19	8779.04	1891.95	-5399.56
		-2.516e+04	1891.95	-3.57e-03	0.0	40.0	250.06	-588.13	171.19	8779.04	8384.06	-2.516e+04
179	6	-8124.85	7589.89	6.62e-03	-120.00	0.0	306.56	-300.09	113.48	6231.89	3315.16	-8124.85
		-2.205e+04	3315.16	-2.80e-03	0.0	40.0	306.56	-420.09	113.48	6231.89	7589.89	-2.205e+04
179	7	6127.33	3404.74	8.36e-03	-120.00	0.0	-146.46	-414.01	184.18	7622.58	-3591.86	6127.33
		-1.216e+04	-3591.86	-2.85e-03	0.0	40.0	-146.46	-534.01	184.18	7622.58	3404.74	-1.216e+04
179	8	7017.81	3382.19	6.74e-03	-120.00	0.0	93.67	-382.30	164.02	7528.48	-2851.30	7017.81
		-1.008e+04	-2851.30	-2.63e-03	0.0	40.0	93.67	-502.30	164.02	7528.48	3382.19	-1.008e+04
179	9	-3134.62	6085.61	6.76e-03	-120.00	0.0	203.25	-324.97	130.41	6514.59	1155.60	-3134.62
		-1.801e+04	1155.60	-2.73e-03	0.0	40.0	203.25	-444.97	130.41	6514.59	6085.61	-1.801e+04
179	10	9724.67	3004.46	6.61e-03	-120.00	0.0	370.06	-375.70	138.51	7573.60	-2537.97	9724.67
		-7703.75	-2537.97	-2.08e-03	0.0	40.0	370.06	-495.70	138.51	7573.60	3004.46	-7703.75
179	16	8201.11	4535.82	6.32e-03	-120.00	0.0	563.44	-419.02	146.03	8670.63	-1262.98	8201.11
		-1.088e+04	-1262.98	-2.37e-03	0.0	40.0	563.44	-539.02	146.03	8670.63	4535.82	-1.088e+04
179	17	7294.31	1364.32	6.74e-03	-120.00	0.0	-606.25	-354.03	194.68	6458.63	-5777.40	7294.31
		-8102.12	-5777.40	-2.60e-03	0.0	40.0	-606.25	-474.03	194.68	6458.63	1364.32	-8102.12
179	23	5343.78	8304.58	1.37e-03	-120.00	0.0	0.48	-768.09	302.92	1.242e+04	-3173.80	5343.78
		-2.662e+04	-3173.80	-2.44e-03	0.0	40.0	0.48	-888.09	302.92	1.242e+04	8304.58	-2.662e+04
179	42	6921.12	2996.13	6.64e-03	-120.00	0.0	32.61	-362.00	158.32	6860.79	-3015.06	6921.12
		-9378.40	-3015.06	-2.50e-03	0.0	40.0	32.61	-482.00	158.32	6860.79	2996.13	-9378.40
179	43	6921.12	2996.13	6.64e-03	-120.00	0.0	32.61	-362.00	158.32	6860.79	-3015.06	6921.12
		-9378.40	-3015.06	-2.50e-03	0.0	40.0	32.61	-482.00	158.32	6860.79	2996.13	-9378.40
179	44	6921.12	2996.13	6.64e-03	-120.00	0.0	32.61	-362.00	158.32	6860.79	-3015.06	6921.12
		-9378.40	-3015.06	-2.50e-03	0.0	40.0	32.61	-482.00	158.32	6860.79	2996.13	-9378.40
180	1	3.933e+04	-5539.11	0.01	-156.00	0.0	-469.72	-696.67	216.60	1.438e+04	-1.380e+04	3.933e+04
		9107.57	-1.380e+04	-3.49e-03	0.0	40.0	-469.72	-852.67	216.60	1.438e+04	-5539.11	9107.57
180	6	1.299e+04	3390.70	6.89e-03	-120.00	0.0	203.76	-448.93	166.34	5964.64	-3799.13	1.299e+04
		-8279.31	-3799.13	-2.95e-03	0.0	40.0	203.76	-568.93	166.34	5964.64	3390.70	-8279.31
180	7	2.818e+04	-3753.19	8.19e-03	-120.00	0.0	-285.91	-498.28	155.95	1.055e+04	-9703.97	2.818e+04
		6397.52	-9703.97	-2.63e-03	0.0	40.0	-285.91	-618.28	155.95	1.055e+04	-3753.19	6397.52
180	9	1.755e+04	1170.30	6.87e-03	-120.00	0.0	98.35	-446.72	160.04	7337.14	-5511.19	1.755e+04
		-3179.37	-5511.19	-2.77e-03	0.0	40.0	98.35	-566.72	160.04	7337.14	1170.30	-3179.37
180	16	3.260e+04	-955.46	6.09e-03	-120.00	0.0	482.71	-537.57	156.40	1.345e+04	-7826.51	3.260e+04
		7632.05	-7826.51	-2.28e-03	0.0	40.0	482.71	-657.57	156.40	1.345e+04	-955.46	7632.05
180	17	2.336e+04	-6318.64	6.53e-03	-120.00	0.0	-754.46	-370.70	144.03	7228.04	-1.091e+04	2.336e+04
		8246.59	-1.091e+04	-2.27e-03	0.0	40.0	-754.46	-490.70	144.03	7228.04	-6318.64	8246.59
180	22	1.511e+04	1867.89	0.01	-120.00	0.0	-20.92	-129.35	-106.78	4773.65	1867.89	1.511e+04
		7743.43	-2532.39	-2.30e-03	0.0	40.0	-20.92	-249.35	-106.78	4773.65	-2532.39	7743.43
180	23	3.611e+04	-3584.79	1.19e-03	-120.00	0.0	-127.92	-707.35	372.41	1.434e+04	-1.817e+04	3.611e+04
		6046.67	-1.817e+04	-2.26e-03	0.0	40.0	-127.92	-827.35	372.41	1.434e+04	-3584.79	6046.67
180	42	2.608e+04	-3110.85	6.45e-03	-120.00	0.0	-67.58	-425.70	144.37	9885.14	-8665.25	2.608e+04
		7076.33	-8665.25	-2.33e-03	0.0	40.0	-67.58	-545.70	144.37	9885.14	-3110.85	7076.33
180	43	2.608e+04	-3110.85	6.45e-03	-120.00	0.0	-67.58	-425.70	144.37	9885.14	-8665.25	2.608e+04
		7076.33	-8665.25	-2.33e-03	0.0	40.0	-67.58	-545.70	144.37	9885.14	-3110.85	7076.33
180	44	2.608e+04	-3110.85	6.45e-03	-120.00	0.0	-67.58	-425.70	144.37	9885.14	-8665.25	2.608e+04
		7076.33	-8665.25	-2.33e-03	0.0	40.0	-67.58	-545.70	144.37	9885.14	-3110.85	7076.33
181	1	-4.849e+04	575.85	-0.01	-1731.74	0.0	-810.94	2024.59	6.85	-53.48	101.89	-1.284e+05
		-1.284e+05	101.89	3.30e-04	0.0	68.9	-810.94	292.85	6.85	-53.48	575.85	-4.849e+04
181	2	-3.747e+04	980.55	-8.43e-03	-1379.95	0.0	-462.34	1579.07	20.61	-318.61	-445.40	-9.877e+04
		-9.877e+04	-445.40	-2.39e-04	0.0	68.9	-462.34	199.12	20.61	-318.61	980.55	-3.747e+04
181	3	-4.419e+04	1898.76	-0.02	-1307.73	0.0	-1582.40	1825.23	17.37	4362.10	696.83	-1.250e+05
		-1.250e+05	696.83	-7.36e-05	0.0	68.9	-1582.40	517.50	17.37	4362.10	1898.76	-4.419e+04
181	4	-3.332e+04	2421.24	-0.01	-955.93	0.0	-1290.27	1377.13	34.70	4098.73	20.35	-9.531e+04
		-9.531e+04	20.35	-7.74e-04	0.0	68.9	-1290.27	421.20	34.70	4098.73	2421.24	-3.332e+04
181	6	-3.114e+04	1806.81	-0.01	-955.93	0.0	-1218.92	1276.44	30.86	3064.41	-328.19	-8.619e+04
		-8.619e+04	-328.19	-8.05e-04	0.0	68.9	-1218.92	320.51	30.86	3064.41	1806.81	-3.114e+04
181	7	-3.600e+04	1285.16	-9.10e-03	-1266.88	0.0	-620.63	1508.93	22.97	617.48	-304.06	-9.636e+04
		-9.636e+04	-304.06	-3.39e-04	0.0	68.9	-620.63	242.05	22.97	617.48	1285.16	-3.600e+04
181	8	-3.321e+04	2316.31	-0.01	-984.20	0.0	-1172.80	1374.05	33.91	3441.42	-29.96	-9.402e+04
		-9.402e+04	-29.96	-7.50e-04	0.0	68.9	-1172.80	389.85	33.91	3441.42	2316.31	-3.321e+04
181	9	-3.178e+04	1835.95	-0.01	-984.20	0.0	-1125.02	1307.17	29.80	2872.76	-225.85	-8.797e+04
		-8.797e+04	-225.85	-7.17e-04	0.0	68.9	-1125.02	322.97	29.80	2872.76	1835.95	-3.178e+04
181	10	-3.004e+04	1214.74	-8.21e-03	-984.20	0.0	-2011.79	1298.82	-24.92	7737.22	1214.74	-8.566e+04

	-8.566e+04	-509.27	1.48e-03	0.0	68.9	-2011.79	314.62	-24.92	7737.22	-509.27	-3.004e+04
181	21 -3.718e+04	2.259e+04	-0.01	-984.20	0.0	-1228.11	1507.52	-422.36	8863.27	2.259e+04	-1.072e+05
	-1.072e+05	-6631.92	0.01	0.0	68.9	-1228.11	523.32	-422.36	8863.27	-6631.92	-3.718e+04
181	22 -2.628e+04	1.072e+04	-7.35e-03	-984.20	0.0	-649.94	1159.67	463.65	-3078.31	-2.136e+04	-7.231e+04
	-7.231e+04	-2.136e+04	-0.01	0.0	68.9	-649.94	175.47	463.65	-3078.31	1.072e+04	-2.628e+04
181	24 -2.618e+04	1.088e+04	-6.99e-03	-984.20	0.0	-711.42	1146.75	479.05	-3616.48	-2.226e+04	-7.132e+04
	-7.132e+04	-2.226e+04	-0.02	0.0	68.9	-711.42	162.55	479.05	-3616.48	1.088e+04	-2.618e+04
181	42 -3.184e+04	2036.19	-0.01	-984.20	0.0	-965.43	1318.05	29.37	2733.70	4.09	-8.879e+04
	-8.879e+04	4.09	-6.11e-04	0.0	68.9	-965.43	333.85	29.37	2733.70	2036.19	-3.184e+04
181	43 -3.184e+04	2036.19	-0.01	-984.20	0.0	-965.43	1318.05	29.37	2733.70	4.09	-8.879e+04
	-8.879e+04	4.09	-6.11e-04	0.0	68.9	-965.43	333.85	29.37	2733.70	2036.19	-3.184e+04
181	44 -3.184e+04	2036.19	-0.01	-984.20	0.0	-965.43	1318.05	29.37	2733.70	4.09	-8.879e+04
	-8.879e+04	4.09	-6.11e-04	0.0	68.9	-965.43	333.85	29.37	2733.70	2036.19	-3.184e+04
182	1 -6.304e+04	2388.94	0.04	-288.61	0.0	-3803.15	-352.87	108.12	2.851e+04	-5640.06	-6.304e+04
	-9.983e+04	-5640.06	-4.87e-03	0.0	74.0	-3803.15	-641.47	108.12	2.851e+04	2388.94	-9.983e+04
182	5 -5.478e+04	3539.81	0.04	-288.61	0.0	-3194.64	-259.68	166.24	2.241e+04	-8804.31	-5.478e+04
	-8.468e+04	-8804.31	-7.94e-03	0.0	74.0	-3194.64	-548.29	166.24	2.241e+04	3539.81	-8.468e+04
182	6 -4.046e+04	2867.13	0.03	-222.00	0.0	-2365.93	-181.78	144.64	1.601e+04	-7873.26	-4.046e+04
	-6.212e+04	-7873.26	-7.04e-03	0.0	74.0	-2365.93	-403.78	144.64	1.601e+04	2867.13	-6.212e+04
182	7 -4.667e+04	1747.69	0.03	-222.00	0.0	-2809.99	-249.06	92.72	2.085e+04	-5137.82	-4.667e+04
	-7.331e+04	-5137.82	-4.23e-03	0.0	74.0	-2809.99	-471.07	92.72	2.085e+04	1747.69	-7.331e+04
182	9 -4.124e+04	2498.48	0.03	-222.00	0.0	-2405.49	-188.33	130.14	1.674e+04	-7165.27	-4.124e+04
	-6.339e+04	-7165.27	-6.22e-03	0.0	74.0	-2405.49	-410.34	130.14	1.674e+04	2498.48	-6.339e+04
182	19 -4.338e+04	5485.73	0.03	-222.00	0.0	86.40	-392.77	147.10	2.000e+04	-5437.30	-4.338e+04
	-8.066e+04	-5437.30	-4.53e-03	0.0	74.0	86.40	-614.78	147.10	2.000e+04	5485.73	-8.066e+04
182	21 -4.343e+04	5471.71	0.03	-222.00	0.0	62.53	-397.28	147.75	2.042e+04	-5499.35	-4.343e+04
	-8.104e+04	-5499.35	-4.36e-03	0.0	74.0	62.53	-619.28	147.75	2.042e+04	5471.71	-8.104e+04
182	22 -3.850e+04	-1894.68	0.03	-222.00	0.0	-4886.44	3.63	58.81	1.538e+04	-6262.02	-3.850e+04
	-4.645e+04	-6262.02	-4.54e-03	0.0	74.0	-4886.44	-218.37	58.81	1.538e+04	-1894.68	-4.645e+04
182	23 -4.342e+04	5275.88	0.03	-222.00	0.0	114.46	-383.56	141.08	1.959e+04	-5199.90	-4.342e+04
	-8.002e+04	-5199.90	-4.53e-03	0.0	74.0	114.46	-605.56	141.08	1.959e+04	5275.88	-8.002e+04
182	24 -3.843e+04	-1909.49	0.03	-222.00	0.0	-4861.84	7.82	58.08	1.490e+04	-6222.52	-3.843e+04
	-4.607e+04	-6222.52	-4.77e-03	0.0	74.0	-4861.84	-214.19	58.08	1.490e+04	-1909.49	-4.607e+04
182	42 -4.106e+04	1710.94	0.03	-222.00	0.0	-2368.52	-190.15	100.94	1.737e+04	-5784.26	-4.106e+04
	-6.335e+04	-5784.26	-4.57e-03	0.0	74.0	-2368.52	-412.15	100.94	1.737e+04	1710.94	-6.335e+04
182	43 -4.106e+04	1710.94	0.03	-222.00	0.0	-2368.52	-190.15	100.94	1.737e+04	-5784.26	-4.106e+04
	-6.335e+04	-5784.26	-4.57e-03	0.0	74.0	-2368.52	-412.15	100.94	1.737e+04	1710.94	-6.335e+04
182	44 -4.106e+04	1710.94	0.03	-222.00	0.0	-2368.52	-190.15	100.94	1.737e+04	-5784.26	-4.106e+04
	-6.335e+04	-5784.26	-4.57e-03	0.0	74.0	-2368.52	-412.15	100.94	1.737e+04	1710.94	-6.335e+04
183	1 -1.464e+04	1434.04	2.32e-03	-294.66	0.0	2531.33	468.71	39.16	9791.34	-1535.08	-3.892e+04
	-3.892e+04	-1535.08	-2.72e-03	0.0	75.6	2531.33	174.05	39.16	9791.34	1434.04	-1.464e+04
183	3 -1.291e+04	1663.88	4.96e-04	-294.66	0.0	1975.41	408.85	30.65	6224.44	-660.08	-3.266e+04
	-3.266e+04	-660.08	-2.38e-03	0.0	75.6	1975.41	114.19	30.65	6224.44	1663.88	-1.291e+04
183	4 -1.028e+04	1169.80	-2.29e-04	-226.66	0.0	1409.95	305.79	17.35	4522.45	-145.83	-2.482e+04
	-2.482e+04	-145.83	-1.81e-03	0.0	75.6	1409.95	79.12	17.35	4522.45	1169.80	-1.028e+04
183	6 -1.231e+04	702.18	2.26e-03	-226.66	0.0	1078.31	261.17	-18.33	6450.96	702.18	-2.348e+04
	-2.348e+04	-687.09	-9.06e-04	0.0	75.6	1078.31	34.51	-18.33	6450.96	-687.09	-1.231e+04
183	7 -1.162e+04	994.33	1.32e-03	-226.66	0.0	1819.43	348.39	25.36	7517.73	-928.15	-2.938e+04
	-2.938e+04	-928.15	-2.10e-03	0.0	75.6	1819.43	121.73	25.36	7517.73	994.33	-1.162e+04
183	8 -1.029e+04	1120.47	2.23e-04	-226.66	0.0	1450.57	309.59	18.16	5058.59	-256.32	-2.512e+04
	-2.512e+04	-256.32	-1.85e-03	0.0	75.6	1450.57	82.93	18.16	5058.59	1120.47	-1.029e+04
183	9 -1.164e+04	296.96	1.71e-03	-226.66	0.0	1234.57	280.04	-5.50	6340.01	296.96	-2.424e+04
	-2.424e+04	-119.73	-1.23e-03	0.0	75.6	1234.57	53.38	-5.50	6340.01	-119.73	-1.164e+04
183	12 -1.062e+04	1612.46	2.64e-03	-226.66	0.0	2046.68	344.43	44.47	4078.19	-1758.66	-2.808e+04
	-2.808e+04	-1758.66	-1.57e-03	0.0	75.6	2046.68	117.77	44.47	4078.19	1612.46	-1.062e+04
183	13 -7690.92	1645.63	-1.44e-03	-226.66	0.0	889.35	278.16	18.92	6232.17	210.99	-2.014e+04
	-2.014e+04	210.99	-2.78e-03	0.0	75.6	889.35	51.50	18.92	6232.17	1645.63	-7690.92
183	23 -4201.13	7369.24	1.69e-03	-226.66	0.0	1885.67	341.25	185.91	6670.73	-6724.24	-2.142e+04
	-2.142e+04	-6724.24	-6.86e-03	0.0	75.6	1885.67	114.59	185.91	6670.73	7369.24	-4201.13
183	24 -1.670e+04	5859.05	-9.70e-04	-226.66	0.0	1062.64	277.41	-146.98	4930.07	5859.05	-2.910e+04
	-2.910e+04	-5283.18	2.96e-03	0.0	75.6	1062.64	50.74	-146.98	4930.07	-5283.18	-1.670e+04
183	25 -4147.16	7274.99	1.50e-03	-226.66	0.0	1850.38	337.06	186.26	7120.49	-6845.23	-2.105e+04
	-2.105e+04	-6845.23	-6.67e-03	0.0	75.6	1850.38	110.40	186.26	7120.49	7274.99	-4147.16
183	42 -1.012e+04	1028.49	4.03e-04	-226.66	0.0	1466.46	309.26	19.01	5906.16	-412.80	-2.492e+04
	-2.492e+04	-412.80	-1.80e-03	0.0	75.6	1466.46	82.60	19.01	5906.16	1028.49	-1.012e+04
183	43 -1.012e+04	1028.49	4.03e-04	-226.66	0.0	1466.46	309.26	19.01	5906.16	-412.80	-2.492e+04
	-2.492e+04	-412.80	-1.80e-03	0.0	75.6	1466.46	82.60	19.01	5906.16	1028.49	-1.012e+04
183	44 -1.012e+04	1028.49	4.03e-04	-226.66	0.0	1466.46	309.26	19.01	5906.16	-412.80	-2.492e+04
	-2.492e+04	-412.80	-1.80e-03	0.0	75.6	1466.46	82.60	19.01	5906.16	1028.49	-1.012e+04
190	1 -1.706e+04	3.410e+04	0.02	-312.00	0.0	179.06	-864.78	292.83	-1.471e+04	4781.30	-1.706e+04
	-1.091e+05	4781.30	-6.01e-03	0.0	80.0	179.06	-1176.78	292.83	-1.471e+04	3.410e+04	-1.091e+05
190	2 -1.360e+04	2.603e+04	0.02	-240.00	0.0	118.38	-647.37	221.70	-1.178e+04	3777.57	-1.360e+04
	-8.293e+04	3777.57	-4.72e-03	0.0	80.0	118.38	-887.37	221.70	-1.178e+04	2.603e+04	-8.293e+04
190	4 -1.027e+04	1.890e+04	0.01	-240.00	0.0	385.58	-596.89	143.15	-1.086e+04	3638.85	-1.027e+04
	-7.433e+04	3638.85	-4.03e-03	0.0	80.0	385.58	-836.89	143.15	-1.086e+04	1.890e+04	-7.433e+04
190	5 -2.667e+04	1.816e+04	0.01	-312.00	0.0	545.87	-485.07	68.56	1955.27	9263.06	-2.667e+04
	-8.401e+04	9263.06	-5.03e-03	0.0	80.0	545.87	-797.07	68.56	1955.27	1.816e+04	-8.401e+04

190	7	-1.246e+04	2.422e+04	0.01	-240.00	0.0	164.06	-625.04	203.86	-1.166e+04	3593.81	-1.246e+04
		-7.966e+04	3593.81	-4.50e-03	0.0	80.0	164.06	-865.04	203.86	-1.166e+04	2.422e+04	-7.966e+04
190	8	-1.028e+04	1.947e+04	0.01	-240.00	0.0	342.47	-592.38	151.29	-1.105e+04	3519.90	-1.028e+04
		-7.407e+04	3519.90	-4.05e-03	0.0	80.0	342.47	-832.38	151.29	-1.105e+04	1.947e+04	-7.407e+04
190	9	-1.904e+04	1.393e+04	0.01	-240.00	0.0	422.83	-385.74	56.58	-424.93	6682.68	-1.904e+04
		-6.431e+04	6682.68	-3.89e-03	0.0	80.0	422.83	-625.74	56.58	-424.93	1.393e+04	-6.431e+04
190	16	-1.143e+04	1.616e+04	0.01	-240.00	0.0	706.36	-657.14	95.97	-1.069e+04	4880.23	-1.143e+04
		-7.998e+04	4880.23	-3.19e-03	0.0	80.0	706.36	-897.14	95.97	-1.069e+04	1.616e+04	-7.998e+04
190	17	-7942.10	2.555e+04	0.01	-240.00	0.0	-208.10	-543.16	249.63	-1.097e+04	1290.79	-7942.10
		-6.852e+04	1290.79	-4.51e-03	0.0	80.0	-208.10	-783.16	249.63	-1.097e+04	2.555e+04	-6.852e+04
190	22	1.404e+04	1421.19	0.02	-240.00	0.0	30.51	170.94	57.23	-1.178e+04	-2869.75	8782.98
		8782.98	-2869.75	-5.59e-03	0.0	80.0	30.51	-69.06	57.23	-1.178e+04	1421.19	1.340e+04
190	23	-2.744e+04	3.697e+04	-1.10e-03	-240.00	0.0	476.22	-1258.39	255.00	-1.142e+04	8817.47	-2.744e+04
		-1.514e+05	8817.47	-2.20e-03	0.0	80.0	476.22	-1498.39	255.00	-1.142e+04	3.697e+04	-1.514e+05
190	42	-9580.61	1.960e+04	0.01	-240.00	0.0	276.54	-564.01	158.29	-1.141e+04	3133.57	-9580.61
		-7.102e+04	3133.57	-3.91e-03	0.0	80.0	276.54	-804.01	158.29	-1.141e+04	1.960e+04	-7.102e+04
190	43	-9580.61	1.960e+04	0.01	-240.00	0.0	276.54	-564.01	158.29	-1.141e+04	3133.57	-9580.61
		-7.102e+04	3133.57	-3.91e-03	0.0	80.0	276.54	-804.01	158.29	-1.141e+04	1.960e+04	-7.102e+04
190	44	-9580.61	1.960e+04	0.01	-240.00	0.0	276.54	-564.01	158.29	-1.141e+04	3133.57	-9580.61
		-7.102e+04	3133.57	-3.91e-03	0.0	80.0	276.54	-804.01	158.29	-1.141e+04	1.960e+04	-7.102e+04
191	1	2.055e+05	1051.07	-0.02	-1731.74	0.0	-1928.77	4549.37	6.86	-52.63	576.81	-4.849e+04
		-4.849e+04	576.81	4.26e-04	0.0	68.9	-1928.77	2817.64	6.86	-52.63	1051.07	2.055e+05
191	2	1.573e+05	2409.34	-0.01	-1379.94	0.0	-1297.78	3515.25	20.62	-317.76	983.06	-3.747e+04
		-3.747e+04	983.06	-8.42e-05	0.0	68.9	-1297.78	2135.31	20.62	-317.76	2409.34	1.573e+05
191	3	1.964e+05	3103.15	-0.02	-1307.72	0.0	-2731.86	4142.93	17.38	4362.66	1901.00	-4.419e+04
		-4.419e+04	1901.00	2.51e-04	0.0	68.9	-2731.86	2835.20	17.38	4362.66	3103.15	1.964e+05
191	4	1.473e+05	4826.61	-0.02	-955.93	0.0	-2155.10	3097.78	34.71	4099.33	2425.45	-3.332e+04
		-3.332e+04	2425.45	-3.67e-04	0.0	68.9	-2155.10	2141.85	34.71	4099.33	4826.61	1.473e+05
191	7	1.525e+05	2877.46	-0.01	-1266.87	0.0	-1448.24	3366.77	22.98	618.19	1287.95	-3.600e+04
		-3.600e+04	1287.95	-1.29e-04	0.0	68.9	-1448.24	2099.90	22.98	618.19	2877.46	1.525e+05
191	8	1.457e+05	4666.94	-0.01	-984.20	0.0	-2019.20	3086.46	33.92	3441.97	2320.42	-3.321e+04
		-3.321e+04	2320.42	-3.61e-04	0.0	68.9	-2019.20	2102.27	33.92	3441.97	4666.94	1.457e+05
191	10	1.461e+05	-511.91	-0.01	-984.20	0.0	-2916.72	3046.59	-24.93	7736.74	-511.91	-3.004e+04
		-3.004e+04	-2236.15	1.39e-03	0.0	68.9	-2916.72	2062.39	-24.93	7736.74	-2236.15	1.461e+05
191	18	1.163e+05	4.351e+04	-9.44e-03	-984.20	0.0	-1253.58	2560.92	474.12	-2927.41	1.071e+04	-2.632e+04
		-2.632e+04	1.071e+04	-0.01	0.0	68.9	-1253.58	1576.73	474.12	-2927.41	4.351e+04	1.163e+05
191	21	1.612e+05	-6680.63	-0.02	-984.20	0.0	-2220.18	3369.67	-422.37	8862.38	-6680.63	-3.718e+04
		-3.718e+04	-3.590e+04	0.01	0.0	68.9	-2220.18	2385.47	-422.37	8862.38	-3.590e+04	1.612e+05
191	24	1.178e+05	4.407e+04	-9.48e-03	-984.20	0.0	-1319.99	2579.70	479.06	-3615.08	1.093e+04	-2.618e+04
		-2.618e+04	1.093e+04	-0.01	0.0	68.9	-1319.99	1595.50	479.06	-3615.08	4.407e+04	1.178e+05
191	25	1.590e+05	-6864.65	-0.02	-984.20	0.0	-2187.29	3338.11	-417.69	8932.18	-6864.65	-3.722e+04
		-3.722e+04	-3.576e+04	0.01	0.0	68.9	-2187.29	2353.91	-417.69	8932.18	-3.576e+04	1.590e+05
191	42	1.381e+05	4072.01	-0.01	-984.20	0.0	-1757.18	2957.09	29.38	2734.04	2039.75	-3.184e+04
		-3.184e+04	2039.75	-2.69e-04	0.0	68.9	-1757.18	1972.89	29.38	2734.04	4072.01	1.381e+05
191	43	1.381e+05	4072.01	-0.01	-984.20	0.0	-1757.18	2957.09	29.38	2734.04	2039.75	-3.184e+04
		-3.184e+04	2039.75	-2.69e-04	0.0	68.9	-1757.18	1972.89	29.38	2734.04	4072.01	1.381e+05
191	44	1.381e+05	4072.01	-0.01	-984.20	0.0	-1757.18	2957.09	29.38	2734.04	2039.75	-3.184e+04
		-3.184e+04	2039.75	-2.69e-04	0.0	68.9	-1757.18	1972.89	29.38	2734.04	4072.01	1.381e+05
192	1	-9.983e+04	1.043e+04	0.03	-288.61	0.0	-1239.30	-742.46	108.08	2.851e+04	2402.94	-9.983e+04
		-1.654e+05	2402.94	-4.41e-03	0.0	74.0	-1239.30	-1031.07	108.08	2.851e+04	1.043e+04	-1.654e+05
192	2	-7.701e+04	8322.98	0.03	-222.00	0.0	-997.47	-574.80	88.48	2.217e+04	1752.42	-7.701e+04
		-1.278e+05	1752.42	-3.72e-03	0.0	74.0	-997.47	-796.81	88.48	2.217e+04	8322.98	-1.278e+05
192	5	-8.468e+04	1.590e+04	0.03	-288.61	0.0	-1056.69	-610.12	166.20	2.240e+04	3560.93	-8.468e+04
		-1.405e+05	3560.93	-7.26e-03	0.0	74.0	-1056.69	-898.72	166.20	2.240e+04	1.590e+04	-1.405e+05
192	6	-6.212e+04	1.362e+04	0.02	-222.00	0.0	-808.33	-445.39	144.62	1.600e+04	2885.44	-6.212e+04
		-1.033e+05	2885.44	-6.48e-03	0.0	74.0	-808.33	-667.40	144.62	1.600e+04	1.362e+04	-1.033e+05
192	7	-7.331e+04	8642.78	0.02	-222.00	0.0	-939.63	-542.25	92.69	2.084e+04	1759.63	-7.331e+04
		-1.217e+05	1759.63	-3.90e-03	0.0	74.0	-939.63	-764.25	92.69	2.084e+04	8642.78	-1.217e+05
192	8	-6.535e+04	9729.91	0.02	-222.00	0.0	-825.91	-454.75	107.67	1.811e+04	1734.84	-6.535e+04
		-1.072e+05	1734.84	-4.57e-03	0.0	74.0	-825.91	-676.76	107.67	1.811e+04	9729.91	-1.072e+05
192	9	-6.339e+04	1.218e+04	0.02	-222.00	0.0	-813.54	-455.98	130.11	1.673e+04	2515.00	-6.339e+04
		-1.053e+05	2515.00	-5.74e-03	0.0	74.0	-813.54	-677.98	130.11	1.673e+04	1.218e+04	-1.053e+05
192	18	-4.564e+04	1795.13	0.02	-222.00	0.0	-3759.27	4.75	52.60	1.492e+04	-2111.23	-4.564e+04
		-5.351e+04	-2111.23	-4.94e-03	0.0	74.0	-3759.27	-217.26	52.60	1.492e+04	1795.13	-5.351e+04
192	21	-8.104e+04	1.646e+04	0.02	-222.00	0.0	2136.68	-927.50	147.72	2.042e+04	5490.50	-8.104e+04
		-1.579e+05	5490.50	-3.30e-03	0.0	74.0	2136.68	-1149.50	147.72	2.042e+04	1.646e+04	-1.579e+05
192	23	-8.002e+04	1.577e+04	0.02	-222.00	0.0	2151.71	-912.24	141.05	1.958e+04	5293.82	-8.002e+04
		-1.557e+05	5293.82	-3.51e-03	0.0	74.0	2151.71	-1134.25	141.05	1.958e+04	1.577e+04	-1.557e+05
192	42	-6.335e+04	9216.94	0.02	-222.00	0.0	-781.86	-461.16	100.91	1.737e+04	1723.84	-6.335e+04
		-1.057e+05	1723.84	-4.24e-03	0.0	74.0	-781.86	-683.17	100.91	1.737e+04	9216.94	-1.057e+05
192	43	-6.335e+04	9216.94	0.02	-222.00	0.0	-781.86	-461.16	100.91	1.737e+04	1723.84	-6.335e+04
		-1.057e+05	1723.84	-4.24e-03	0.0	74.0	-781.86	-683.17	100.91	1.737e+04	9216.94	-1.057e+05
192	44	-6.335e+04	9216.94	0.02	-222.00	0.0	-781.86	-461.16	100.91	1.737e+04	1723.84	-6.335e+04
		-1.057e+05	1723.84	-4.24e-03	0.0	74.0	-781.86	-683.17	100.91	1.737e+04	9216.94	-1.057e+05
193	1	7.341e+04	4406.48	7.39e-04	-294.66	0.0	2580.11	1312.66	39.14	9787.87	1439.17	-1.464e+04
		-1.464e+04	1439.17	-2.43e-03	0.0	75.6	2580.11	1018.00	39.14	9787.87	4406.48	7.341e+04
193	5	4.672e+04	-203.37	1.21e-03	-294.66	0.0	1577.11	964.23	-5.83	8162.68	-203.37	-1.500e+04

		-1.500e+04	-644.60	-1.54e-03	0.0	75.6	1577.11	669.57	-5.83	8162.68	-644.60	4.672e+04
193	6	3.133e+04	-689.30	8.99e-04	-226.66	0.0	1003.38	691.03	-18.34	6448.80	-689.30	-1.231e+04
		-1.231e+04	-2079.53	-1.04e-03	0.0	75.6	1003.38	464.37	-18.34	6448.80	-2079.53	3.133e+04
193	7	5.364e+04	2918.87	-3.19e-04	-226.66	0.0	1828.86	977.10	25.34	7515.22	997.67	-1.162e+04
		-1.162e+04	997.67	-1.90e-03	0.0	75.6	1828.86	750.44	25.34	7515.22	2918.87	5.364e+04
193	9	3.614e+04	-120.31	4.28e-04	-226.66	0.0	1176.28	745.73	-5.51	6337.79	-120.31	-1.164e+04
		-1.164e+04	-538.00	-1.25e-03	0.0	75.6	1176.28	519.06	-5.51	6337.79	-538.00	3.614e+04
193	18	3.734e+04	-5213.67	-2.96e-03	-226.66	0.0	835.83	827.65	-143.47	4972.71	-5213.67	-1.663e+04
		-1.663e+04	-1.609e+04	1.70e-03	0.0	75.6	835.83	600.99	-143.47	4972.71	-1.609e+04	3.734e+04
193	22	3.721e+04	-5395.48	-3.00e-03	-226.66	0.0	836.05	826.09	-146.64	5378.14	-5395.48	-1.665e+04
		-1.665e+04	-1.651e+04	2.06e-03	0.0	75.6	836.05	599.43	-146.64	5378.14	-1.651e+04	3.721e+04
193	23	4.933e+04	2.149e+04	1.27e-03	-226.66	0.0	1996.04	821.89	185.89	6666.90	7392.94	-4201.13
		-4201.13	7392.94	-5.37e-03	0.0	75.6	1996.04	595.23	185.89	6666.90	2.149e+04	4.933e+04
193	24	3.760e+04	-5301.74	-2.82e-03	-226.66	0.0	844.80	832.07	-146.99	4929.36	-5301.74	-1.670e+04
		-1.670e+04	-1.644e+04	1.89e-03	0.0	75.6	844.80	605.41	-146.99	4929.36	-1.644e+04	3.760e+04
193	42	4.359e+04	2471.21	-8.31e-04	-226.66	0.0	1427.91	824.14	18.99	5903.84	1031.00	-1.012e+04
		-1.012e+04	1031.00	-1.59e-03	0.0	75.6	1427.91	597.48	18.99	5903.84	2471.21	4.359e+04
193	43	4.359e+04	2471.21	-8.31e-04	-226.66	0.0	1427.91	824.14	18.99	5903.84	1031.00	-1.012e+04
		-1.012e+04	1031.00	-1.59e-03	0.0	75.6	1427.91	597.48	18.99	5903.84	2471.21	4.359e+04
193	44	4.359e+04	2471.21	-8.31e-04	-226.66	0.0	1427.91	824.14	18.99	5903.84	1031.00	-1.012e+04
		-1.012e+04	1031.00	-1.59e-03	0.0	75.6	1427.91	597.48	18.99	5903.84	2471.21	4.359e+04
199	1	8.527e+05	1522.50	-4.92e-03	-1731.73	0.0	-3382.11	1.025e+04	6.83	-52.69	1052.61	2.055e+05
		2.055e+05	1052.61	6.02e-04	0.0	68.9	-3382.11	8521.62	6.83	-52.69	1522.50	8.527e+05
199	2	6.512e+05	3835.66	-3.50e-03	-1379.94	0.0	-2390.69	7852.90	20.60	-317.40	2412.30	1.573e+05
		1.573e+05	2412.30	3.30e-04	0.0	68.9	-2390.69	6472.96	20.60	-317.40	3835.66	6.512e+05
199	3	8.168e+05	4304.42	-6.94e-03	-1307.72	0.0	-4183.72	9653.15	17.36	4363.01	3105.92	1.964e+05
		1.964e+05	3105.92	7.72e-04	0.0	68.9	-4183.72	8345.43	17.36	4363.01	4304.42	8.168e+05
199	4	6.129e+05	7230.34	-5.54e-03	-955.93	0.0	-3245.71	7231.28	34.70	4100.21	4831.22	1.473e+05
		1.473e+05	4831.22	4.44e-04	0.0	68.9	-3245.71	6275.35	34.70	4100.21	7230.34	6.129e+05
199	6	5.610e+05	6083.01	-4.42e-03	-955.93	0.0	-2975.92	6660.96	30.86	3065.04	3949.84	1.347e+05
		1.347e+05	3949.84	1.61e-04	0.0	68.9	-2975.92	5705.03	30.86	3065.04	6083.01	5.610e+05
199	7	6.316e+05	4467.39	-3.84e-03	-1266.87	0.0	-2523.02	7583.68	22.96	618.52	2880.68	1.525e+05
		1.525e+05	2880.68	3.60e-04	0.0	68.9	-2523.02	6316.81	22.96	618.52	4467.39	6.316e+05
199	8	6.056e+05	7015.78	-5.23e-03	-984.20	0.0	-3091.51	7163.73	33.91	3442.67	4671.44	1.457e+05
		1.457e+05	4671.44	4.23e-04	0.0	68.9	-3091.51	6179.53	33.91	3442.67	7015.78	6.056e+05
199	9	5.715e+05	5965.33	-4.46e-03	-984.20	0.0	-2913.18	6789.06	29.80	2873.42	3905.53	1.374e+05
		1.374e+05	3905.53	2.47e-04	0.0	68.9	-2913.18	5804.86	29.80	2873.42	5965.33	5.715e+05
199	10	6.006e+05	-2238.43	-3.15e-03	-984.20	0.0	-4055.13	7083.90	-24.96	7735.95	-2238.43	1.461e+05
		1.461e+05	-3966.36	1.02e-03	0.0	68.9	-4055.13	6099.70	-24.96	7735.95	-3966.36	6.006e+05
199	18	4.778e+05	7.637e+04	-2.86e-03	-984.20	0.0	-2045.78	5734.37	474.22	-2921.55	4.356e+04	1.163e+05
		1.163e+05	4.356e+04	-5.93e-03	0.0	68.9	-2045.78	4750.18	474.22	-2921.55	7.637e+04	4.778e+05
199	21	6.718e+05	-3.595e+04	-6.55e-03	-984.20	0.0	-3456.26	7897.21	-422.50	8856.94	-3.595e+04	1.612e+05
		1.612e+05	-6.518e+04	7.01e-03	0.0	68.9	-3456.26	6913.01	-422.50	8856.94	-6.518e+04	6.718e+05
199	24	4.820e+05	7.727e+04	-2.84e-03	-984.20	0.0	-2120.31	5775.48	479.16	-3609.59	4.413e+04	1.178e+05
		1.178e+05	4.413e+04	-5.99e-03	0.0	68.9	-2120.31	4791.28	479.16	-3609.59	7.727e+04	4.820e+05
199	42	5.730e+05	6105.75	-4.59e-03	-984.20	0.0	-2767.82	6799.78	29.36	2734.27	4075.94	1.381e+05
		1.381e+05	4075.94	4.15e-04	0.0	68.9	-2767.82	5815.58	29.36	2734.27	6105.75	5.730e+05
199	43	5.730e+05	6105.75	-4.59e-03	-984.20	0.0	-2767.82	6799.78	29.36	2734.27	4075.94	1.381e+05
		1.381e+05	4075.94	4.15e-04	0.0	68.9	-2767.82	5815.58	29.36	2734.27	6105.75	5.730e+05
199	44	5.730e+05	6105.75	-4.59e-03	-984.20	0.0	-2767.82	6799.78	29.36	2734.27	4075.94	1.381e+05
		1.381e+05	4075.94	4.15e-04	0.0	68.9	-2767.82	5815.58	29.36	2734.27	6105.75	5.730e+05
200	1	-1.654e+05	1.846e+04	0.01	-288.61	0.0	610.99	-1684.64	107.97	2.850e+04	1.044e+04	-1.654e+05
		-3.008e+05	1.044e+04	-2.39e-03	0.0	74.0	610.99	-1973.24	107.97	2.850e+04	1.846e+04	-3.008e+05
200	2	-1.278e+05	1.490e+04	0.01	-222.00	0.0	426.01	-1286.88	88.40	2.216e+04	8334.49	-1.278e+05
		-2.312e+05	8334.49	-2.11e-03	0.0	74.0	426.01	-1508.88	88.40	2.216e+04	1.490e+04	-2.312e+05
200	5	-1.405e+05	2.826e+04	0.01	-288.61	0.0	482.88	-1459.15	166.12	2.239e+04	1.592e+04	-1.405e+05
		-2.592e+05	1.592e+04	-4.18e-03	0.0	74.0	482.88	-1747.76	166.12	2.239e+04	2.826e+04	-2.592e+05
200	6	-1.033e+05	2.438e+04	8.59e-03	-222.00	0.0	311.07	-1069.86	144.56	1.600e+04	1.364e+04	-1.033e+05
		-1.907e+05	1.364e+04	-3.84e-03	0.0	74.0	311.07	-1291.87	144.56	1.600e+04	2.438e+04	-1.907e+05
200	7	-1.217e+05	1.553e+04	0.01	-222.00	0.0	407.76	-1233.30	92.61	2.083e+04	8654.78	-1.217e+05
		-2.211e+05	8654.78	-2.22e-03	0.0	74.0	407.76	-1455.31	92.61	2.083e+04	1.553e+04	-2.211e+05
200	9	-1.053e+05	2.185e+04	8.79e-03	-222.00	0.0	331.14	-1088.63	130.05	1.673e+04	1.219e+04	-1.053e+05
		-1.941e+05	1.219e+04	-3.38e-03	0.0	74.0	331.14	-1310.64	130.05	1.673e+04	2.185e+04	-1.941e+05
200	18	-5.351e+04	5703.28	0.02	-222.00	0.0	-3051.16	-29.11	52.53	1.491e+04	1802.01	-5.351e+04
		-6.388e+04	1802.01	-4.60e-03	0.0	74.0	-3051.16	-251.11	52.53	1.491e+04	5703.28	-6.388e+04
200	21	-1.579e+05	2.744e+04	4.02e-03	-222.00	0.0	3713.96	-2157.78	147.66	2.041e+04	1.648e+04	-1.579e+05
		-3.258e+05	1.648e+04	-5.91e-04	0.0	74.0	3713.96	-2379.79	147.66	2.041e+04	2.744e+04	-3.258e+05
200	42	-1.057e+05	1.672e+04	8.53e-03	-222.00	0.0	359.58	-1093.21	100.84	1.736e+04	9229.89	-1.057e+05
		-1.948e+05	9229.89	-2.45e-03	0.0	74.0	359.58	-1315.22	100.84	1.736e+04	1.672e+04	-1.948e+05
200	43	-1.057e+05	1.672e+04	8.53e-03	-222.00	0.0	359.58	-1093.21	100.84	1.736e+04	9229.89	-1.057e+05
		-1.948e+05	9229.89	-2.45e-03	0.0	74.0	359.58	-1315.22	100.84	1.736e+04	1.672e+04	-1.948e+05
200	44	-1.057e+05	1.672e+04	8.53e-03	-222.00	0.0	359.58	-1093.21	100.84	1.736e+04	9229.89	-1.057e+05
		-1.948e+05	9229.89	-2.45e-03	0.0	74.0	359.58	-1315.22	100.84	1.736e+04	1.672e+04	-1.948e+05
201	1	2.864e+05	7371.59	9.35e-03	-294.66	0.0	2547.34	2965.91	39.04	9783.35	4411.70	7.341e+04
		7.341e+04	4411.70	-1.54e-03	0.0	75.6	2547.34	2671.25	39.04	9783.35	7371.59	2.864e+05
201	6	1.471e+05	-2081.68	4.60e-03	-226.66	0.0	846.76	1645.34	-18.39	6446.13	-2081.68	3.133e+04
		3.133e+04	-3475.63	-1.46e-03	0.0	75.6	846.76	1418.68	-18.39	6446.13	-3475.63	1.471e+05

201	7	2.141e+05	4838.27	6.36e-03	-226.66	0.0	1770.82	2236.56	25.27	7512.05	2922.28	5.364e+04
		5.364e+04	2922.28	-1.31e-03	0.0	75.6	1770.82	2009.90	25.27	7512.05	4838.27	2.141e+05
201	9	1.594e+05	-538.54	4.68e-03	-226.66	0.0	1042.31	1744.52	-5.57	6335.01	-538.54	3.614e+04
		3.614e+04	-960.16	-1.36e-03	0.0	75.6	1042.31	1517.86	-5.57	6335.01	-960.16	1.594e+05
201	18	1.952e+05	-1.611e+04	1.47e-03	-226.66	0.0	510.09	2202.25	-143.51	4971.40	-1.611e+04	3.734e+04
		3.734e+04	-2.699e+04	-1.54e-03	0.0	75.6	510.09	1975.59	-143.51	4971.40	-2.699e+04	1.952e+05
201	21	1.575e+05	3.456e+04	6.76e-03	-226.66	0.0	2117.75	1550.23	181.13	7450.20	2.083e+04	4.892e+04
		4.892e+04	2.083e+04	-1.06e-03	0.0	75.6	2117.75	1323.57	181.13	7450.20	3.456e+04	1.575e+05
201	22	1.941e+05	-1.653e+04	1.41e-03	-226.66	0.0	526.31	2189.92	-146.68	5376.76	-1.653e+04	3.721e+04
		3.721e+04	-2.765e+04	-1.27e-03	0.0	75.6	526.31	1963.26	-146.68	5376.76	-2.765e+04	1.941e+05
201	23	1.603e+05	3.560e+04	7.03e-03	-226.66	0.0	2091.83	1582.56	185.82	6662.64	2.151e+04	4.933e+04
		4.933e+04	2.151e+04	-1.35e-03	0.0	75.6	2091.83	1355.90	185.82	6662.64	3.560e+04	1.603e+05
201	24	1.964e+05	-1.646e+04	1.64e-03	-226.66	0.0	510.20	2215.28	-147.03	4927.98	-1.646e+04	3.760e+04
		3.760e+04	-2.761e+04	-1.43e-03	0.0	75.6	510.20	1988.62	-147.03	4927.98	-2.761e+04	1.964e+05
201	42	1.766e+05	3909.85	4.37e-03	-226.66	0.0	1325.08	1873.93	18.94	5900.91	2473.77	4.359e+04
		4.359e+04	2473.77	-1.09e-03	0.0	75.6	1325.08	1647.27	18.94	5900.91	3909.85	1.766e+05
201	43	1.766e+05	3909.85	4.37e-03	-226.66	0.0	1325.08	1873.93	18.94	5900.91	2473.77	4.359e+04
		4.359e+04	2473.77	-1.09e-03	0.0	75.6	1325.08	1647.27	18.94	5900.91	3909.85	1.766e+05
201	44	1.766e+05	3909.85	4.37e-03	-226.66	0.0	1325.08	1873.93	18.94	5900.91	2473.77	4.359e+04
		4.359e+04	2473.77	-1.09e-03	0.0	75.6	1325.08	1647.27	18.94	5900.91	3909.85	1.766e+05

Trave	**M3 mx/mn**	**M2 mx/mn**	**D 2 / D 3**	**Q 2 / Q 3**	**N**	**V 2**	**V 3**	**T**
	-1.241e+06	-1.683e+05	-13.90	-3.923e+04	-1.685e+04	-1.961e+04	-472.82	-2.119e+05
	4.985e+06	9.713e+04	1.69	0.0	2.757e+04	1.961e+04	1700.89	2.399e+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	daN cm	cm	daN/cm2	cm	daN	daN	daN	daN cm	daN cm	daN cm
35	1	3.266e+05	1.840e+05	-0.11	-0.99	0.0	-8008.64	-1.161e+04	-924.08	-1.708e+05	1.840e+05	3.266e+05
		-8.309e+05	-1.949e+05	0.01		410.0	-8008.64	1.095e+04	-924.08	-1.783e+05	-1.949e+05	3.173e+05
35	3	2.340e+05	1.925e+05	-0.11	-0.90	0.0	-7062.69	-1.018e+04	-931.65	-2.121e+05	1.925e+05	2.027e+05
		-7.992e+05	-1.894e+05	0.02		410.0	-7062.69	9735.21	-931.65	-2.177e+05	-1.894e+05	2.340e+05
35	6	1.866e+05	1.349e+05	-0.07	-0.66	0.0	-5190.73	-7228.60	-650.27	-1.559e+05	1.349e+05	1.534e+05
		-5.565e+05	-1.317e+05	9.71e-03		410.0	-5190.73	6986.91	-650.27	-1.598e+05	-1.317e+05	1.866e+05
35	7	2.480e+05	1.584e+05	-0.09	-0.74	0.0	-5989.22	-8655.68	-783.42	-1.345e+05	1.584e+05	2.480e+05
		-6.175e+05	-1.628e+05	0.01		410.0	-5989.22	8099.32	-783.42	-1.399e+05	-1.628e+05	2.300e+05
35	8	1.722e+05	1.683e+05	-0.08	-0.68	0.0	-5324.35	-7686.14	-811.13	-1.637e+05	1.683e+05	1.583e+05
		-6.005e+05	-1.642e+05	0.01		410.0	-5324.35	7298.48	-811.13	-1.678e+05	-1.642e+05	1.722e+05
35	9	1.893e+05	1.434e+05	-0.08	-0.66	0.0	-5240.97	-7390.58	-692.63	-1.560e+05	1.434e+05	1.630e+05
		-5.648e+05	-1.406e+05	0.01		410.0	-5240.97	7106.95	-692.63	-1.600e+05	-1.406e+05	1.893e+05
35	17	2.740e+05	2.388e+05	-0.08	-0.66	0.0	-5636.89	-6736.76	-1203.58	-1.523e+05	2.388e+05	-3.808e+04
		-6.378e+05	-2.547e+05	0.02		410.0	-5636.89	7851.75	-1203.58	-1.549e+05	-2.547e+05	2.740e+05
35	23	1.983e+04	1.969e+05	-0.05	-0.65	0.0	-1049.45	-7901.93	-871.89	-1.426e+05	1.969e+05	1.983e+04
		-8.484e+05	-1.606e+05	0.02		410.0	-1049.45	6252.34	-871.89	-1.471e+05	-1.606e+05	-2.629e+05
35	24	6.424e+05	1.179e+05	-0.10	-0.68	0.0	-9259.30	-6820.49	-659.66	-1.673e+05	1.179e+05	2.821e+05
		-3.121e+05	-1.525e+05	7.65e-03		410.0	-9259.30	8030.13	-659.66	-1.708e+05	-1.525e+05	6.424e+05
35	25	3.425e+04	2.056e+05	-0.05	-0.65	0.0	-1012.69	-7954.44	-904.63	-1.405e+05	2.056e+05	3.425e+04
		-8.455e+05	-1.653e+05	0.02		410.0	-1012.69	6211.08	-904.63	-1.450e+05	-1.653e+05	-2.680e+05
35	42	1.843e+05	1.589e+05	-0.08	-0.66	0.0	-5104.79	-7401.32	-767.40	-1.548e+05	1.589e+05	1.610e+05
		-5.688e+05	-1.557e+05	0.01		410.0	-5104.79	7105.77	-767.40	-1.588e+05	-1.557e+05	1.843e+05
35	43	1.843e+05	1.589e+05	-0.08	-0.66	0.0	-5104.79	-7401.32	-767.40	-1.548e+05	1.589e+05	1.610e+05
		-5.688e+05	-1.557e+05	0.01		410.0	-5104.79	7105.77	-767.40	-1.588e+05	-1.557e+05	1.843e+05
35	44	1.843e+05	1.589e+05	-0.08	-0.66	0.0	-5104.79	-7401.32	-767.40	-1.548e+05	1.589e+05	1.610e+05
		-5.688e+05	-1.557e+05	0.01		410.0	-5104.79	7105.77	-767.40	-1.588e+05	-1.557e+05	1.843e+05
84	1	1.814e+06	3.462e+04	-0.08	-1.24	0.0	-3355.59	-1.566e+04	112.27	-2.014e+05	-1.085e+04	1.814e+06
		2.485e+05	-1.085e+04	2.11e-03		405.0	-3355.59	1.520e+04	112.27	-1.917e+05	3.462e+04	1.812e+06
84	3	1.704e+06	3.470e+04	-0.09	-1.17	0.0	-2887.44	-1.436e+04	103.05	-2.164e+05	-7034.98	1.704e+06
		2.691e+05	-7034.98	2.38e-03		405.0	-2887.44	1.384e+04	103.05	-2.031e+05	3.470e+04	1.694e+06
84	4	1.302e+06	2.802e+04	0.07	-0.90	0.0	-2142.68	-1.091e+04	73.67	-1.718e+05	-1816.66	1.302e+06
		2.146e+05	-1816.66	2.06e-03		405.0	-2142.68	1.054e+04	73.67	-1.608e+05	2.802e+04	1.302e+06
84	6	1.174e+06	2.372e+04	-0.06	-0.84	0.0	-2158.94	-1.008e+04	59.39	-1.522e+05	-334.77	1.172e+06
		1.668e+05	-334.77	1.93e-03		405.0	-2158.94	9772.38	59.39	-1.426e+05	2.372e+04	1.174e+06
84	7	1.355e+06	2.671e+04	-0.06	-0.93	0.0	-2503.46	-1.166e+04	71.38	-1.553e+05	-2199.92	1.345e+06
		1.832e+05	-2199.92	2.07e-03		405.0	-2503.46	1.137e+04	71.38	-1.474e+05	2.671e+04	1.355e+06
84	8	1.282e+06	2.716e+04	-0.07	-0.89	0.0	-2171.58	-1.081e+04	67.98	-1.667e+05	-376.81	1.278e+06
		2.010e+05	-376.81	2.13e-03		405.0	-2171.58	1.047e+04	67.98	-1.561e+05	2.716e+04	1.282e+06
84	9	1.196e+06	2.442e+04	-0.06	-0.85	0.0	-2175.78	-1.027e+04	61.25	-1.537e+05	-388.98	1.194e+06
		1.700e+05	-388.98	1.98e-03		405.0	-2175.78	9955.42	61.25	-1.441e+05	2.442e+04	1.196e+06
84	10	1.203e+06	1.528e+04	-0.04	-0.81	0.0	-1686.38	-9609.38	83.18	-1.005e+05	-1.841e+04	1.135e+06
		1.885e+05	-1.841e+04	4.29e-03		405.0	-1686.38	9725.61	83.18	-9.370e+04	1.528e+04	1.203e+06
84	17	1.252e+06	3.941e+04	-0.07	-0.89	0.0	-2478.70	-1.080e+04	74.67	-1.867e+05	9167.13	1.252e+06
		1.655e+05	9167.13	2.05e-03		405.0	-2478.70	1.016e+04	74.67	-1.749e+05	3.941e+04	1.204e+06
84	18	1.371e+06	2.664e+04	-0.06	-0.87	0.0	-4038.27	-9438.04	64.19	-1.566e+05	645.50	9.294e+05
		8.497e+04	645.50	1.46e-03		405.0	-4038.27	1.132e+04	64.19	-1.462e+05	2.664e+04	1.371e+06
84	19	1.461e+06	2.405e+04	-0.06	-0.83	0.0	-235.60	-1.112e+04	63.42	-1.506e+05	-1630.50	1.461e+06
		2.290e+05	-1630.50	2.56e-03		405.0	-235.60	8569.14	63.42	-1.417e+05	2.405e+04	1.014e+06

84	24	1.350e+06	2.600e+04	-0.06	-0.87	0.0	-4298.63	-9541.87	62.51	-1.598e+05	681.73	9.500e+05
		8.764e+04	681.73	1.05e-03		405.0	-4298.63	1.121e+04	62.51	-1.494e+05	2.600e+04	1.350e+06
84	25	1.438e+06	2.469e+04	-0.06	-0.83	0.0	52.25	-1.099e+04	64.74	-1.474e+05	-1531.92	1.438e+06
		2.351e+05	-1531.92	3.02e-03		405.0	52.25	8695.94	64.74	-1.386e+05	2.469e+04	1.042e+06
84	42	1.196e+06	2.529e+04	-0.06	-0.85	0.0	-2107.17	-1.027e+04	63.18	-1.536e+05	-294.01	1.195e+06
		1.702e+05	-294.01	2.02e-03		405.0	-2107.17	9953.70	63.18	-1.440e+05	2.529e+04	1.196e+06
84	43	1.196e+06	2.529e+04	-0.06	-0.85	0.0	-2107.17	-1.027e+04	63.18	-1.536e+05	-294.01	1.195e+06
		1.702e+05	-294.01	2.02e-03		405.0	-2107.17	9953.70	63.18	-1.440e+05	2.529e+04	1.196e+06
84	44	1.196e+06	2.529e+04	-0.06	-0.85	0.0	-2107.17	-1.027e+04	63.18	-1.536e+05	-294.01	1.195e+06
		1.702e+05	-294.01	2.02e-03		405.0	-2107.17	9953.70	63.18	-1.440e+05	2.529e+04	1.196e+06
92	1	2.005e+06	2.771e+04	-0.15	-1.15	0.0	-5057.75	-1.889e+04	-119.13	-7.341e+05	2.771e+04	2.005e+06
		-5.573e+05	-2.054e+04	6.35e-03		405.0	-5057.75	7892.47	-119.13	-7.330e+05	-2.054e+04	-4.854e+04
92	3	1.899e+06	3.777e+04	-0.15	-1.08	0.0	-4374.62	-1.763e+04	-170.63	-8.087e+05	3.777e+04	1.899e+06
		-5.696e+05	-3.133e+04	7.22e-03		405.0	-4374.62	6461.29	-170.63	-8.048e+05	-3.133e+04	-1.889e+05
92	6	1.312e+06	2.971e+04	-0.11	-0.77	0.0	-3229.43	-1.231e+04	-161.66	-5.731e+05	2.971e+04	1.312e+06
		-3.930e+05	-3.576e+04	5.14e-03		405.0	-3229.43	4739.66	-161.66	-5.702e+05	-3.576e+04	-1.035e+05
92	7	1.498e+06	2.934e+04	-0.12	-0.86	0.0	-3752.59	-1.408e+04	-138.56	-5.685e+05	2.934e+04	1.498e+06
		-4.107e+05	-2.678e+04	5.84e-03		405.0	-3752.59	5875.02	-138.56	-5.672e+05	-2.678e+04	-3.202e+04
92	8	1.434e+06	3.568e+04	-0.12	-0.82	0.0	-3274.31	-1.327e+04	-166.67	-6.238e+05	3.568e+04	1.434e+06
		-4.215e+05	-3.182e+04	6.37e-03		405.0	-3274.31	4896.18	-166.67	-6.205e+05	-3.182e+04	-1.313e+05
92	9	1.335e+06	3.076e+04	-0.11	-0.78	0.0	-3257.74	-1.253e+04	-159.31	-5.797e+05	3.076e+04	1.335e+06
		-3.964e+05	-3.376e+04	5.44e-03		405.0	-3257.74	4854.94	-159.31	-5.769e+05	-3.376e+04	-9.851e+04
92	15	1.384e+06	7.669e+04	-0.12	-0.81	0.0	-3667.05	-1.327e+04	-349.46	-6.191e+05	7.669e+04	1.384e+06
		-5.192e+05	-6.484e+04	8.62e-03		405.0	-3667.05	4402.38	-349.46	-6.145e+05	-6.484e+04	-2.767e+05
92	19	1.523e+06	3.286e+04	-0.11	-0.76	0.0	-597.23	-1.393e+04	-145.80	-5.774e+05	3.286e+04	1.523e+06
		-7.183e+05	-2.619e+04	6.46e-03		405.0	-597.23	2754.25	-145.80	-5.752e+05	-2.619e+04	-6.172e+05
92	21	1.525e+06	3.143e+04	-0.11	-0.76	0.0	-539.31	-1.391e+04	-135.14	-5.727e+05	3.143e+04	1.525e+06
		-7.112e+05	-2.330e+04	7.12e-03		405.0	-539.31	2766.77	-135.14	-5.706e+05	-2.330e+04	-6.092e+05
92	24	1.148e+06	3.040e+04	-0.10	-0.81	0.0	-6167.60	-1.120e+04	-144.93	-5.868e+05	3.040e+04	1.148e+06
		-1.799e+05	-2.830e+04	4.91e-03		405.0	-6167.60	6858.07	-144.93	-5.832e+05	-2.830e+04	3.839e+05
92	25	1.522e+06	3.496e+04	-0.11	-0.76	0.0	-199.23	-1.387e+04	-163.19	-5.753e+05	3.496e+04	1.522e+06
		-6.972e+05	-3.113e+04	6.95e-03		405.0	-199.23	2831.31	-163.19	-5.731e+05	-3.113e+04	-5.903e+05
92	42	1.336e+06	3.295e+04	-0.11	-0.78	0.0	-3160.81	-1.254e+04	-154.31	-5.797e+05	3.295e+04	1.336e+06
		-3.996e+05	-2.955e+04	5.96e-03		405.0	-3160.81	4843.47	-154.31	-5.768e+05	-2.955e+04	-1.032e+05
92	43	1.336e+06	3.295e+04	-0.11	-0.78	0.0	-3160.81	-1.254e+04	-154.31	-5.797e+05	3.295e+04	1.336e+06
		-3.996e+05	-2.955e+04	5.96e-03		405.0	-3160.81	4843.47	-154.31	-5.768e+05	-2.955e+04	-1.032e+05
92	44	1.336e+06	3.295e+04	-0.11	-0.78	0.0	-3160.81	-1.254e+04	-154.31	-5.797e+05	3.295e+04	1.336e+06
		-3.996e+05	-2.955e+04	5.96e-03		405.0	-3160.81	4843.47	-154.31	-5.768e+05	-2.955e+04	-1.032e+05
110	1	7.447e+05	1.539e+04	0.41	-1.23	0.0	1494.35	-1.921e+04	-25.73	-8079.54	1.539e+04	4.026e+05
		-4.048e+06	-1.407e+04	0.01		1145.0	1494.35	1.956e+04	-25.73	-4799.01	-1.407e+04	7.447e+05
110	2	5.251e+05	1.532e+04	0.31	-0.96	0.0	1428.51	-1.453e+04	-25.71	-4732.22	1.532e+04	2.718e+05
		-3.086e+06	-1.411e+04	9.49e-03		1145.0	1428.51	1.477e+04	-25.71	-2196.68	-1.411e+04	5.251e+05
110	3	7.156e+05	1.144e+04	0.45	-1.17	0.0	1514.01	-2.062e+04	-18.97	-9735.74	1.144e+04	3.434e+05
		-4.414e+06	-1.028e+04	9.98e-03		1145.0	1514.01	2.101e+04	-18.97	-4898.70	-1.028e+04	7.156e+05
110	6	4.396e+05	1.197e+04	0.32	-0.84	0.0	1400.00	-1.444e+04	-20.08	-5329.89	1.197e+04	1.911e+05
		-3.128e+06	-1.101e+04	6.94e-03		1145.0	1400.00	1.466e+04	-20.08	-1753.96	-1.101e+04	4.396e+05
110	7	5.076e+05	1.435e+04	0.32	-0.93	0.0	1408.69	-1.465e+04	-24.08	-4886.54	1.435e+04	2.536e+05
		-3.129e+06	-1.322e+04	8.80e-03		1145.0	1408.69	1.489e+04	-24.08	-2084.45	-1.322e+04	5.076e+05
110	8	4.714e+05	1.216e+04	0.34	-0.89	0.0	1467.99	-1.557e+04	-20.18	-5454.06	1.216e+04	2.045e+05
		-3.376e+06	-1.094e+04	7.23e-03		1145.0	1467.99	1.582e+04	-20.18	-1788.34	-1.094e+04	4.714e+05
110	9	4.506e+05	1.212e+04	0.32	-0.85	0.0	1389.71	-1.459e+04	-20.33	-5284.59	1.212e+04	1.998e+05
		-3.157e+06	-1.116e+04	7.10e-03		1145.0	1389.71	1.482e+04	-20.33	-1789.23	-1.116e+04	4.506e+05
110	10	1.483e+06	3.542e+04	0.32	-0.92	0.0	1216.02	-1.341e+04	61.00	-3.909e+04	-3.443e+04	-8.071e+05
		-3.250e+06	-3.443e+04	0.02		1145.0	1216.02	1.545e+04	61.00	-3.676e+04	3.542e+04	1.483e+06
110	11	1.204e+06	5.048e+04	0.33	-0.92	0.0	1284.11	-1.577e+04	-87.28	2.343e+04	5.048e+04	1.204e+06
		-3.283e+06	-4.946e+04	-1.98e-03		1145.0	1284.11	1.426e+04	-87.28	2.806e+04	-4.946e+04	-4.867e+05
110	18	4.514e+05	2.762e+04	0.34	-0.90	0.0	1283.68	-1.606e+04	-46.96	-4805.77	2.762e+04	4.514e+05
		-3.396e+06	-2.615e+04	9.10e-03		1145.0	1283.68	1.597e+04	-46.96	3996.11	-2.615e+04	3.641e+05
110	21	6.122e+05	8398.32	0.30	-0.82	0.0	1502.41	-1.298e+04	14.29	-7013.56	-7959.57	-1.356e+05
		-2.923e+06	-7959.57	6.96e-03		1145.0	1502.41	1.368e+04	14.29	-9087.67	8398.32	6.122e+05
110	42	4.504e+05	1.179e+04	0.32	-0.85	0.0	1390.06	-1.459e+04	-19.76	-5213.84	1.179e+04	1.995e+05
		-3.156e+06	-1.083e+04	6.98e-03		1145.0	1390.06	1.482e+04	-19.76	-1735.65	-1.083e+04	4.504e+05
110	43	4.504e+05	1.179e+04	0.32	-0.85	0.0	1390.06	-1.459e+04	-19.76	-5213.84	1.179e+04	1.995e+05
		-3.156e+06	-1.083e+04	6.98e-03		1145.0	1390.06	1.482e+04	-19.76	-1735.65	-1.083e+04	4.504e+05
110	44	4.504e+05	1.179e+04	0.32	-0.85	0.0	1390.06	-1.459e+04	-19.76	-5213.84	1.179e+04	1.995e+05
		-3.156e+06	-1.083e+04	6.98e-03		1145.0	1390.06	1.482e+04	-19.76	-1735.65	-1.083e+04	4.504e+05
111	1	-4.504e+04	2.118e+04	0.27	-1.24	0.0	2044.65	-9954.94	-36.56	7423.03	2.118e+04	-4.563e+05
		-2.567e+06	-2.068e+04	0.01		1145.0	2044.65	1.048e+04	-36.56	4169.48	-2.068e+04	-4.504e+04
111	3	2.264e+05	1.590e+04	0.36	-1.17	0.0	1830.79	-1.458e+04	-27.47	6701.11	1.590e+04	-2.173e+05
		-3.444e+06	-1.555e+04	0.01		1145.0	1830.79	1.515e+04	-27.47	4788.98	-1.555e+04	2.264e+05
111	6	7.522e+04	1.601e+04	0.25	-0.84	0.0	1754.14	-1.001e+04	-27.56	5835.48	1.601e+04	-2.420e+05
		-2.428e+06	-1.554e+04	7.08e-03		1145.0	1754.14	1.037e+04	-27.56	4611.06	-1.554e+04	7.522e+04
111	7	-6.886e+04	1.964e+04	0.22	-0.94	0.0	1903.68	-7924.54	-33.82	6607.25	1.964e+04	-3.892e+05
		-2.061e+06	-1.908e+04	8.96e-03		1145.0	1903.68	8291.80	-33.82	4388.28	-1.908e+04	-6.886e+04
111	8	8.107e+04	1.645e+04	0.28	-0.89	0.0	1944.84	-1.099e+04	-28.20	6583.62	1.645e+04	-2.552e+05
		-2.662e+06	-1.585e+04	7.36e-03		1145.0	1944.84	1.138e+04	-28.20	5150.94	-1.585e+04	8.107e+04
111	9	7.409e+04	1.627e+04	0.25	-0.85	0.0	1752.40	-1.003e+04	-28.01	5971.30	1.627e+04	-2.452e+05

	-2.436e+06	-1.580e+04	7.23e-03		1145.0	1752.40	1.040e+04	-28.01	4633.01	-1.580e+04	7.409e+04	
111	10 1.026e+06	2.199e+04	0.26	-0.90	0.0	1572.27	-8944.80	38.04	-2.199e+04	-2.157e+04	-1.143e+06	
	-2.597e+06	-2.157e+04	0.02		1145.0	1572.27	1.138e+04	38.04	-2.405e+04	2.199e+04	1.026e+06	
111	11 6.679e+05	4.727e+04	0.26	-0.89	0.0	1671.39	-1.110e+04	-82.09	3.001e+04	4.727e+04	6.679e+05	
	-2.537e+06	-4.672e+04	-1.78e-03		1145.0	1671.39	9483.06	-82.09	2.936e+04	-4.672e+04	-8.084e+05	
111	19 2.129e+05	758.11	0.24	-0.85	0.0	1768.11	-9532.83	0.93	4276.49	-308.01	-3.783e+05	
	-2.364e+06	-308.01	5.13e-03		1145.0	1768.11	1.016e+04	0.93	511.77	758.11	2.129e+05	
111	42 7.318e+04	1.592e+04	0.25	-0.85	0.0	1752.39	-1.003e+04	-27.39	5981.64	1.592e+04	-2.442e+05	
	-2.436e+06	-1.544e+04	7.12e-03		1145.0	1752.39	1.040e+04	-27.39	4635.58	-1.544e+04	7.318e+04	
111	43 7.318e+04	1.592e+04	0.25	-0.85	0.0	1752.39	-1.003e+04	-27.39	5981.64	1.592e+04	-2.442e+05	
	-2.436e+06	-1.544e+04	7.12e-03		1145.0	1752.39	1.040e+04	-27.39	4635.58	-1.544e+04	7.318e+04	
111	44 7.318e+04	1.592e+04	0.25	-0.85	0.0	1752.39	-1.003e+04	-27.39	5981.64	1.592e+04	-2.442e+05	
	-2.436e+06	-1.544e+04	7.12e-03		1145.0	1752.39	1.040e+04	-27.39	4635.58	-1.544e+04	7.318e+04	
112	1 2.702e+05	2.180e+04	0.26	-1.27	0.0	1906.33	-1.107e+04	-38.93	4.254e+04	2.180e+04	-1.711e+05	
	-2.555e+06	-2.277e+04	0.01		1145.0	1906.33	1.125e+04	-38.93	4.383e+04	-2.277e+04	2.702e+05	
112	3 4.690e+05	1.572e+04	0.35	-1.19	0.0	1653.57	-1.535e+04	-28.41	4.495e+04	1.572e+04	-1.211e+04	
	-3.407e+06	-1.681e+04	0.01		1145.0	1653.57	1.557e+04	-28.41	4.651e+04	-1.681e+04	4.690e+05	
112	4 2.759e+05	1.207e+04	0.28	-0.91	0.0	1957.98	-1.193e+04	-21.89	3.462e+04	1.207e+04	-1.319e+05	
	-2.735e+06	-1.299e+04	7.73e-03		1145.0	1957.98	1.214e+04	-21.89	3.594e+04	-1.299e+04	2.759e+05	
112	7 1.636e+05	1.584e+04	0.21	-0.95	0.0	1870.88	-8673.18	-28.39	3.184e+04	1.584e+04	-2.059e+05	
	-2.052e+06	-1.667e+04	9.33e-03		1145.0	1870.88	8820.74	-28.39	3.291e+04	-1.667e+04	1.636e+05	
112	8 2.580e+05	1.216e+04	0.27	-0.90	0.0	1925.95	-1.151e+04	-22.02	3.387e+04	1.216e+04	-1.312e+05	
	-2.639e+06	-1.305e+04	7.68e-03		1145.0	1925.95	1.167e+04	-22.02	3.511e+04	-1.305e+04	2.580e+05	
112	9 2.506e+05	1.206e+04	0.25	-0.87	0.0	1715.35	-1.054e+04	-21.80	3.106e+04	1.206e+04	-1.205e+05	
	-2.413e+06	-1.290e+04	7.55e-03		1145.0	1715.35	1.070e+04	-21.80	3.219e+04	-1.290e+04	2.506e+05	
112	10 1.085e+06	2885.76	0.25	-0.90	0.0	1573.90	-9559.84	-5.34	1.072e+04	2885.76	-9.099e+05	
	-2.567e+06	-3230.89	0.02		1145.0	1573.90	1.182e+04	-5.34	1.115e+04	-3230.89	1.085e+06	
112	22 1.605e+05	2.695e+04	0.25	-0.86	0.0	1730.19	-1.076e+04	-47.64	2.966e+04	2.695e+04	-4.126e+04	
	-2.451e+06	-2.759e+04	0.01		1145.0	1730.19	1.078e+04	-47.64	3.122e+04	-2.759e+04	1.605e+05	
112	24 1.219e+05	2.676e+04	0.25	-0.86	0.0	1730.93	-1.080e+04	-47.29	3.224e+04	2.676e+04	-3932.28	
	-2.452e+06	-2.739e+04	9.61e-03		1145.0	1730.93	1.075e+04	-47.29	3.383e+04	-2.739e+04	1.219e+05	
112	42 2.488e+05	1.176e+04	0.25	-0.87	0.0	1715.81	-1.054e+04	-21.27	3.105e+04	1.176e+04	-1.188e+05	
	-2.413e+06	-1.259e+04	7.42e-03		1145.0	1715.81	1.070e+04	-21.27	3.218e+04	-1.259e+04	2.488e+05	
112	43 2.488e+05	1.176e+04	0.25	-0.87	0.0	1715.81	-1.054e+04	-21.27	3.105e+04	1.176e+04	-1.188e+05	
	-2.413e+06	-1.259e+04	7.42e-03		1145.0	1715.81	1.070e+04	-21.27	3.218e+04	-1.259e+04	2.488e+05	
112	44 2.488e+05	1.176e+04	0.25	-0.87	0.0	1715.81	-1.054e+04	-21.27	3.105e+04	1.176e+04	-1.188e+05	
	-2.413e+06	-1.259e+04	7.42e-03		1145.0	1715.81	1.070e+04	-21.27	3.218e+04	-1.259e+04	2.488e+05	
113	1 5.241e+05	9716.05	0.24	-1.27	0.0	2211.58	-1.086e+04	-13.08	1.038e+05	9716.05	-1.104e+05	
	-2.304e+06	-5262.68	0.01		1145.0	2211.58	1.005e+04	-13.08	1.115e+05	-5262.68	5.241e+05	
113	3 7.617e+05	4426.19	0.32	-1.20	0.0	1974.93	-1.526e+04	3.28	1.111e+05	670.61	8.306e+04	
	-3.142e+06	670.61	0.01		1145.0	1974.93	1.442e+04	3.28	1.183e+05	4426.19	7.617e+05	
113	6 4.658e+05	6021.51	0.23	-0.86	0.0	1901.17	-1.043e+04	7.12	7.551e+04	-2134.64	-4.524e+04	
	-2.218e+06	-2134.64	7.90e-03		1145.0	1901.17	9887.23	7.12	8.048e+04	6021.51	4.658e+05	
113	8 4.900e+05	8891.64	0.25	-0.91	0.0	2119.91	-1.144e+04	11.93	8.289e+04	-4773.83	-4.625e+04	
	-2.433e+06	-4773.83	8.21e-03		1145.0	2119.91	1.081e+04	11.93	8.847e+04	8891.64	4.900e+05	
113	9 4.707e+05	6435.41	0.23	-0.87	0.0	1901.00	-1.049e+04	7.85	7.643e+04	-2547.40	-4.202e+04	
	-2.226e+06	-2547.40	8.07e-03		1145.0	1901.00	9927.99	7.85	8.148e+04	6435.41	4.707e+05	
113	10 1.172e+06	1.200e+04	0.24	-0.91	0.0	1746.21	-9742.04	-19.20	6.427e+04	1.200e+04	-7.244e+05	
	-2.414e+06	-9979.42	0.02		1145.0	1746.21	1.115e+04	-19.20	6.810e+04	-9979.42	1.172e+06	
113	17 5.876e+05	2.715e+04	0.22	-0.84	0.0	1903.10	-1.116e+04	42.67	8.486e+04	-2.170e+04	5.876e+05	
	-2.146e+06	-2.170e+04	5.26e-03		1145.0	1903.10	8845.70	42.67	9.098e+04	2.715e+04	-1.417e+05	
113	23 5.034e+05	2.103e+04	0.23	-0.87	0.0	1970.20	-1.027e+04	32.12	8.362e+04	-1.575e+04	-1.054e+05	
	-2.189e+06	-1.575e+04	3.64e-03		1145.0	1970.20	9631.93	32.12	8.867e+04	2.103e+04	5.034e+05	
113	42 4.679e+05	7850.17	0.23	-0.87	0.0	1900.31	-1.049e+04	10.35	7.645e+04	-4003.77	-3.953e+04	
	-2.225e+06	-4003.77	7.93e-03		1145.0	1900.31	9922.70	10.35	8.150e+04	7850.17	4.679e+05	
113	43 4.679e+05	7850.17	0.23	-0.87	0.0	1900.31	-1.049e+04	10.35	7.645e+04	-4003.77	-3.953e+04	
	-2.225e+06	-4003.77	7.93e-03		1145.0	1900.31	9922.70	10.35	8.150e+04	7850.17	4.679e+05	
113	44 4.679e+05	7850.17	0.23	-0.87	0.0	1900.31	-1.049e+04	10.35	7.645e+04	-4003.77	-3.953e+04	
	-2.225e+06	-4003.77	7.93e-03		1145.0	1900.31	9922.70	10.35	8.150e+04	7850.17	4.679e+05	
114	1 3.483e+06	2.068e+04	-0.30	-1.27	0.0	2074.90	-1.042e+04	51.20	1.088e+05	-3.794e+04	-2.292e+05	
	-1.920e+06	-3.794e+04	0.01		1145.0	2074.90	1.342e+04	51.20	1.172e+05	2.068e+04	3.483e+06	
114	3 3.789e+06	3.340e+04	-0.32	-1.21	0.0	1857.16	-1.401e+04	75.73	1.187e+05	-5.331e+04	-6.288e+04	
	-2.501e+06	-5.331e+04	0.01		1145.0	1857.16	1.700e+04	75.73	1.260e+05	3.340e+04	3.789e+06	
114	6 2.646e+06	1.721e+04	-0.22	-0.87	0.0	1770.02	-9631.22	43.86	8.292e+04	-3.301e+04	-1.257e+05	
	-1.778e+06	-3.301e+04	8.65e-03		1145.0	1770.02	1.188e+04	43.86	8.777e+04	1.721e+04	2.646e+06	
114	8 2.838e+06	3.198e+04	-0.24	-0.92	0.0	1920.55	-1.052e+04	70.75	8.962e+04	-4.902e+04	-1.319e+05	
	-1.940e+06	-4.902e+04	8.99e-03		1145.0	1920.55	1.286e+04	70.75	9.527e+04	3.198e+04	2.838e+06	
114	9 2.673e+06	2.084e+04	-0.22	-0.88	0.0	1763.13	-9657.09	50.22	8.371e+04	-3.666e+04	-1.271e+05	
	-1.781e+06	-3.666e+04	8.83e-03		1145.0	1763.13	1.193e+04	50.22	8.870e+04	2.084e+04	2.673e+06	
114	10 3.184e+06	606.50	-0.27	-0.93	0.0	1262.76	-9513.53	-9.73	9.621e+04	606.50	-6.670e+05	
	-2.117e+06	-1.054e+04	0.02		1145.0	1262.76	1.318e+04	-9.73	9.908e+04	-1.054e+04	3.184e+06	
114	16 3.217e+06	8828.41	-0.26	-0.93	0.0	1144.08	-9472.98	-24.16	9.458e+04	8828.41	-6.416e+05	
	-2.092e+06	-1.884e+04	0.01		1145.0	1144.08	1.323e+04	-24.16	9.764e+04	-1.884e+04	3.217e+06	
114	17 2.119e+06	6.285e+04	-0.18	-0.84	0.0	2296.50	-9901.74	126.65	7.027e+04	-8.216e+04	4.368e+05	
	-1.508e+06	-8.216e+04	6.30e-03		1145.0	2296.50	1.064e+04	126.65	7.693e+04	6.285e+04	2.119e+06	
114	42 2.671e+06	2.901e+04	-0.22	-0.88	0.0	1740.24	-9660.24	64.44	8.358e+04	-4.477e+04	-1.245e+05	
	-1.780e+06	-4.477e+04	8.68e-03		1145.0	1740.24	1.192e+04	64.44	8.854e+04	2.901e+04	2.671e+06	

114	43	2.671e+06	2.901e+04	-0.22	-0.88	0.0	1740.24	-9660.24	64.44	8.358e+04	-4.477e+04	-1.245e+05
		-1.780e+06	-4.477e+04	8.68e-03		1145.0	1740.24	1.192e+04	64.44	8.854e+04	2.901e+04	2.671e+06
114	44	2.671e+06	2.901e+04	-0.22	-0.88	0.0	1740.24	-9660.24	64.44	8.358e+04	-4.477e+04	-1.245e+05
		-1.780e+06	-4.477e+04	8.68e-03		1145.0	1740.24	1.192e+04	64.44	8.854e+04	2.901e+04	2.671e+06
116	2	5.472e+05	-1.632e+04	-0.12	-1.01	0.0	-2207.32	-7892.32	172.54	1.503e+05	-5.303e+04	5.472e+05
		-1.215e+05	-5.303e+04	5.47e-03		212.8	-2207.32	1549.36	172.54	1.497e+05	-1.632e+04	-9.165e+04
116	3	7.846e+05	-3.092e+04	-0.18	-1.25	0.0	-3543.84	-1.197e+04	225.66	1.751e+05	-7.894e+04	7.846e+05
		-3.660e+05	-7.894e+04	6.81e-03		212.8	-3543.84	694.83	225.66	1.740e+05	-3.092e+04	-3.614e+05
116	6	5.403e+05	-1.577e+04	-0.12	-0.90	0.0	-2642.70	-8431.07	129.62	1.301e+05	-4.335e+04	5.403e+05
		-2.658e+05	-4.335e+04	5.36e-03		212.8	-2642.70	540.50	129.62	1.293e+05	-1.577e+04	-2.619e+05
116	7	5.509e+05	-1.861e+04	-0.12	-0.98	0.0	-2313.53	-8118.27	172.83	1.454e+05	-5.539e+04	5.509e+05
		-1.612e+05	-5.539e+04	5.52e-03		212.8	-2313.53	1264.05	172.83	1.447e+05	-1.861e+04	-1.416e+05
116	8	6.017e+05	-2.605e+04	-0.13	-0.95	0.0	-2776.58	-9198.84	185.57	1.349e+05	-6.553e+04	6.017e+05
		-2.966e+05	-6.553e+04	6.04e-03		212.8	-2776.58	389.06	185.57	1.340e+05	-2.605e+04	-2.949e+05
116	9	5.463e+05	-1.825e+04	-0.12	-0.92	0.0	-2603.78	-8477.43	144.21	1.319e+05	-4.893e+04	5.463e+05
		-2.597e+05	-4.893e+04	5.45e-03		212.8	-2603.78	591.48	144.21	1.311e+05	-1.825e+04	-2.551e+05
116	10	4.027e+05	-2.396e+04	-0.16	-1.01	0.0	-2901.50	-1.122e+04	3.47	1.460e+05	-2.470e+04	4.027e+05
		-8.543e+05	-2.470e+04	5.55e-03		212.8	-2901.50	-1065.15	3.47	1.439e+05	-2.396e+04	-8.543e+05
116	12	3.976e+05	-1.561e+04	-0.16	-1.00	0.0	-2887.71	-1.144e+04	42.87	1.427e+05	-2.473e+04	3.976e+05
		-9.150e+05	-2.473e+04	3.77e-03		212.8	-2887.71	-1364.83	42.87	1.408e+05	-1.561e+04	-9.150e+05
116	17	7.889e+05	-3.265e+04	-0.08	-0.84	0.0	-2748.21	-5782.58	267.81	1.206e+05	-8.963e+04	7.889e+05
		3.717e+05	-8.963e+04	6.85e-03		212.8	-2748.21	2362.02	267.81	1.207e+05	-3.265e+04	4.500e+05
116	18	3.923e+05	1.095e+05	-0.11	-0.85	0.0	-2435.63	-7420.93	266.75	2.135e+05	5.276e+04	3.923e+05
		-2.937e+05	5.276e+04	0.01		212.8	-2435.63	739.03	266.75	2.147e+05	1.095e+05	-2.862e+05
116	21	7.152e+05	-1.628e+05	-0.14	-0.99	0.0	-2551.50	-9425.83	73.70	4.465e+04	-1.784e+05	7.152e+05
		-1.883e+05	-1.784e+05	2.17e-03		212.8	-2551.50	568.54	73.70	4.156e+04	-1.628e+05	-1.845e+05
116	42	5.508e+05	-2.403e+04	-0.12	-0.92	0.0	-2514.29	-8486.39	169.70	1.312e+05	-6.014e+04	5.508e+05
		-2.569e+05	-6.014e+04	5.59e-03		212.8	-2514.29	583.20	169.70	1.304e+05	-2.403e+04	-2.524e+05
116	43	5.508e+05	-2.403e+04	-0.12	-0.92	0.0	-2514.29	-8486.39	169.70	1.312e+05	-6.014e+04	5.508e+05
		-2.569e+05	-6.014e+04	5.59e-03		212.8	-2514.29	583.20	169.70	1.304e+05	-2.403e+04	-2.524e+05
116	44	5.508e+05	-2.403e+04	-0.12	-0.92	0.0	-2514.29	-8486.39	169.70	1.312e+05	-6.014e+04	5.508e+05
		-2.569e+05	-6.014e+04	5.59e-03		212.8	-2514.29	583.20	169.70	1.304e+05	-2.403e+04	-2.524e+05
117	1	-5012.32	-1.465e+04	-0.29	-1.14	0.0	-2788.24	-1.237e+04	10.22	1.565e+05	-2.065e+04	-5012.32
		-1.642e+06	-2.065e+04	8.49e-03		587.5	-2788.24	1.002e+04	10.22	1.586e+05	-1.465e+04	-4.233e+04
117	2	-4909.12	-1.478e+04	-0.22	-0.88	0.0	-2059.84	-9462.78	1.62	1.219e+05	-1.574e+04	-4909.12
		-1.254e+06	-1.574e+04	7.73e-03		587.5	-2059.84	7720.24	1.62	1.238e+05	-1.478e+04	-1.930e+04
117	3	-1.441e+05	-1.852e+04	-0.31	-1.08	0.0	-3550.29	-1.212e+04	18.80	1.392e+05	-2.956e+04	-2.093e+05
		-1.766e+06	-2.956e+04	6.52e-03		587.5	-3550.29	9888.39	18.80	1.399e+05	-1.852e+04	-1.441e+05
117	7	-3.976e+04	-1.539e+04	-0.22	-0.86	0.0	-2190.87	-9284.73	4.36	1.163e+05	-1.796e+04	-4.886e+04
		-1.264e+06	-1.796e+04	7.13e-03		587.5	-2190.87	7602.23	4.36	1.178e+05	-1.539e+04	-3.976e+04
117	8	-1.109e+05	-1.856e+04	-0.24	-0.81	0.0	-2730.67	-9125.22	11.41	1.032e+05	-2.527e+04	-1.781e+05
		-1.346e+06	-2.527e+04	6.00e-03		587.5	-2730.67	7489.98	11.41	1.038e+05	-1.856e+04	-1.109e+05
117	10	5.145e+04	-1935.98	-0.25	-0.84	0.0	-3272.72	-7943.58	48.05	1.369e+05	-3.017e+04	-8.306e+05
		-1.677e+06	-3.017e+04	6.86e-03		587.5	-3272.72	9007.44	48.05	1.349e+05	-1935.98	5.145e+04
117	11	5.659e+05	-1.117e+04	-0.19	-0.75	0.0	-2225.16	-9644.15	-25.02	6.815e+04	-1.117e+04	5.659e+05
		-9.463e+05	-2.588e+04	4.86e-03		587.5	-2225.16	5435.57	-25.02	7.106e+04	-2.588e+04	-2.333e+05
117	12	7.549e+04	-2141.64	-0.25	-0.83	0.0	-3257.86	-7716.28	26.90	1.305e+05	-1.794e+04	-9.007e+05
		-1.705e+06	-1.794e+04	4.85e-03		587.5	-3257.86	9152.30	26.90	1.288e+05	-2141.64	7.549e+04
117	13	6.805e+05	-2.267e+04	-0.19	-0.75	0.0	-2268.54	-9933.13	-5.65	7.247e+04	-2.267e+04	6.805e+05
		-9.182e+05	-2.599e+04	6.78e-03		587.5	-2268.54	5182.31	-5.65	7.530e+04	-2.599e+04	-2.673e+05
117	18	-7304.22	1.171e+05	-0.17	-0.75	0.0	-2273.97	-7812.45	-396.52	5.999e+04	1.171e+05	-2.153e+05
		-1.201e+06	-1.158e+05	0.05		587.5	-2273.97	7171.38	-396.52	6.616e+04	-1.158e+05	-7304.22
117	21	-4.172e+04	8.527e+04	-0.27	-0.85	0.0	-2559.00	-9720.97	435.14	1.469e+05	-1.704e+05	-4.172e+04
		-1.327e+06	-1.704e+05	-0.04		587.5	-2559.00	7168.01	435.14	1.415e+05	8.527e+04	-1.738e+05
117	42	-8.392e+04	-1.666e+04	-0.22	-0.79	0.0	-2444.39	-8712.59	11.19	1.008e+05	-2.323e+04	-1.481e+05
		-1.267e+06	-2.323e+04	5.65e-03		587.5	-2444.39	7213.25	11.19	1.013e+05	-1.666e+04	-8.392e+04
117	43	-8.392e+04	-1.666e+04	-0.22	-0.79	0.0	-2444.39	-8712.59	11.19	1.008e+05	-2.323e+04	-1.481e+05
		-1.267e+06	-2.323e+04	5.65e-03		587.5	-2444.39	7213.25	11.19	1.013e+05	-1.666e+04	-8.392e+04
117	44	-8.392e+04	-1.666e+04	-0.22	-0.79	0.0	-2444.39	-8712.59	11.19	1.008e+05	-2.323e+04	-1.481e+05
		-1.267e+06	-2.323e+04	5.65e-03		587.5	-2444.39	7213.25	11.19	1.013e+05	-1.666e+04	-8.392e+04
118	1	1.004e+06	9.837e+04	0.02	-1.32	0.0	-190.19	-1.870e+04	-418.86	3.880e+04	9.837e+04	1.004e+06
		-1.086e+06	-7.336e+04	0.02		410.0	-190.19	1.573e+04	-418.86	2.598e+04	-7.336e+04	3.708e+05
118	2	7.621e+05	7.886e+04	0.01	-1.02	0.0	-162.96	-1.443e+04	-333.09	2.240e+04	7.886e+04	7.621e+05
		-8.426e+05	-5.771e+04	0.02		410.0	-162.96	1.225e+04	-333.09	1.272e+04	-5.771e+04	2.982e+05
118	3	8.881e+05	1.158e+05	0.04	-1.28	0.0	-211.47	-1.747e+04	-499.19	1.227e+05	1.158e+05	8.881e+05
		-1.047e+06	-8.886e+04	0.02		410.0	-211.47	1.514e+04	-499.19	1.074e+05	-8.886e+04	3.691e+05
118	5	8.326e+05	9.099e+04	0.04	-1.22	0.0	-268.03	-1.648e+04	-376.31	1.139e+05	9.099e+04	8.326e+05
		-9.878e+05	-6.330e+04	0.02		410.0	-268.03	1.438e+04	-376.31	9.994e+04	-6.330e+04	3.607e+05
118	7	7.241e+05	8.239e+04	0.02	-1.00	0.0	-170.88	-1.393e+04	-348.77	4.561e+04	8.239e+04	7.241e+05
		-8.200e+05	-6.061e+04	0.02		410.0	-170.88	1.194e+04	-348.77	3.549e+04	-6.061e+04	2.955e+05
118	8	6.606e+05	9.751e+04	0.03	-0.97	0.0	-184.99	-1.316e+04	-412.33	1.099e+05	9.751e+04	6.606e+05
		-7.888e+05	-7.155e+04	0.02		410.0	-184.99	1.151e+04	-412.33	9.812e+04	-7.155e+04	2.933e+05
118	9	6.119e+05	7.799e+04	0.03	-0.93	0.0	-223.74	-1.245e+04	-322.43	9.610e+04	7.799e+04	6.119e+05
		-7.533e+05	-5.420e+04	0.01		410.0	-223.74	1.103e+04	-322.43	8.521e+04	-5.420e+04	2.886e+05
118	21	4.387e+05	1.481e+05	0.08	-1.00	0.0	1300.40	-1.426e+04	-742.23	5.732e+04	1.481e+05	4.387e+05
		-1.313e+06	-1.562e+05	0.02		410.0	1300.40	1.022e+04	-742.23	4.560e+04	-1.562e+05	-4.795e+05
118	24	1.013e+06	3.481e+04	0.02	-0.90	0.0	-1649.63	-1.073e+04	-6.34	1.322e+05	3.481e+04	7.641e+05

		-2.682e+05	3.221e+04	0.01		410.0	-1649.63	1.184e+04	-6.34	1.221e+04	3.221e+04	1.013e+06
118	25	4.625e+05	1.459e+05	0.08	-0.99	0.0	1280.00	-1.420e+04	-760.16	5.958e+04	1.459e+05	4.625e+05
		-1.277e+06	-1.658e+05	0.02		410.0	1280.00	1.019e+04	-760.16	4.792e+04	-1.658e+05	-4.444e+05
118	42	6.119e+05	8.989e+04	0.03	-0.93	0.0	-188.57	-1.246e+04	-381.22	9.582e+04	8.989e+04	6.119e+05
		-7.558e+05	-6.641e+04	0.02		410.0	-188.57	1.102e+04	-381.22	8.493e+04	-6.641e+04	2.839e+05
118	43	6.119e+05	8.989e+04	0.03	-0.93	0.0	-188.57	-1.246e+04	-381.22	9.582e+04	8.989e+04	6.119e+05
		-7.558e+05	-6.641e+04	0.02		410.0	-188.57	1.102e+04	-381.22	8.493e+04	-6.641e+04	2.839e+05
118	44	6.119e+05	8.989e+04	0.03	-0.93	0.0	-188.57	-1.246e+04	-381.22	9.582e+04	8.989e+04	6.119e+05
		-7.558e+05	-6.641e+04	0.02		410.0	-188.57	1.102e+04	-381.22	8.493e+04	-6.641e+04	2.839e+05
119	1	1.184e+06	6.239e+04	3.98e-03	-1.31	0.0	-34.59	-1.680e+04	138.85	6.884e+04	6159.42	1.139e+06
		-5.491e+05	6159.42	6.44e-03		405.0	-34.59	1.702e+04	138.85	5.530e+04	6.239e+04	1.184e+06
119	2	9.025e+05	4.578e+04	3.48e-03	-1.01	0.0	-26.67	-1.315e+04	91.26	5.009e+04	8814.82	9.011e+05
		-4.286e+05	8814.82	5.86e-03		405.0	-26.67	1.315e+04	91.26	3.995e+04	4.578e+04	9.025e+05
119	3	1.088e+06	6.509e+04	-0.01	-1.25	0.0	-86.50	-1.546e+04	130.91	1.116e+05	1.207e+04	9.719e+05
		-5.663e+05	1.207e+04	7.30e-03		405.0	-86.50	1.610e+04	130.91	9.450e+04	6.509e+04	1.088e+06
119	5	1.021e+06	5.664e+04	-0.01	-1.19	0.0	-152.75	-1.460e+04	124.04	1.054e+05	6402.06	9.089e+05
		-5.434e+05	6402.06	5.95e-03		405.0	-152.75	1.522e+04	124.04	8.963e+04	5.664e+04	1.021e+06
119	7	8.676e+05	4.606e+04	3.25e-03	-0.99	0.0	-43.93	-1.261e+04	89.10	6.237e+04	9972.61	8.406e+05
		-4.286e+05	9972.61	5.95e-03		405.0	-43.93	1.275e+04	89.10	5.146e+04	4.606e+04	8.676e+05
119	8	8.163e+05	4.984e+04	-7.98e-03	-0.95	0.0	-71.24	-1.173e+04	88.93	9.417e+04	1.382e+04	7.358e+05
		-4.329e+05	1.382e+04	6.50e-03		405.0	-71.24	1.217e+04	88.93	8.070e+04	4.984e+04	8.163e+05
119	9	7.610e+05	4.258e+04	-8.98e-03	-0.91	0.0	-122.99	-1.114e+04	80.15	8.508e+04	1.012e+04	6.871e+05
		-4.235e+05	1.012e+04	5.53e-03		405.0	-122.99	1.155e+04	80.15	7.274e+04	4.258e+04	7.610e+05
119	14	6.965e+05	4.983e+04	-0.02	-0.96	0.0	-122.60	-1.233e+04	193.59	8.381e+04	-2.857e+04	6.965e+05
		-6.040e+05	-2.857e+04	2.59e-03		405.0	-122.60	1.147e+04	193.59	6.896e+04	4.983e+04	5.021e+05
119	18	1.305e+06	1.659e+04	-9.91e-04	-0.90	0.0	-1063.06	-9353.16	-4.43	9.740e+04	1.659e+04	5.249e+05
		-2.580e+05	1.479e+04	5.06e-03		405.0	-1063.06	1.321e+04	-4.43	8.545e+04	1.479e+04	1.305e+06
119	21	8.702e+05	8.356e+04	-0.02	-0.92	0.0	1009.33	-1.308e+04	192.25	7.841e+04	5696.34	8.702e+05
		-6.580e+05	5696.34	7.66e-03		405.0	1009.33	9711.53	192.25	6.568e+04	8.356e+04	1.705e+05
119	24	1.292e+06	1.600e+04	-2.54e-03	-0.90	0.0	-1163.80	-9385.19	-2.79	9.255e+04	1.600e+04	5.219e+05
		-2.666e+05	1.487e+04	4.61e-03		405.0	-1163.80	1.321e+04	-2.79	8.057e+04	1.487e+04	1.292e+06
119	42	7.591e+05	4.629e+04	-8.99e-03	-0.91	0.0	-86.09	-1.114e+04	83.29	8.509e+04	1.256e+04	6.876e+05
		-4.240e+05	1.256e+04	6.07e-03		405.0	-86.09	1.154e+04	83.29	7.276e+04	4.629e+04	7.591e+05
119	43	7.591e+05	4.629e+04	-8.99e-03	-0.91	0.0	-86.09	-1.114e+04	83.29	8.509e+04	1.256e+04	6.876e+05
		-4.240e+05	1.256e+04	6.07e-03		405.0	-86.09	1.154e+04	83.29	7.276e+04	4.629e+04	7.591e+05
119	44	7.591e+05	4.629e+04	-8.99e-03	-0.91	0.0	-86.09	-1.114e+04	83.29	8.509e+04	1.256e+04	6.876e+05
		-4.240e+05	1.256e+04	6.07e-03		405.0	-86.09	1.154e+04	83.29	7.276e+04	4.629e+04	7.591e+05
120	1	1.316e+06	1.680e+04	-9.54e-03	-1.31	0.0	56.02	-1.652e+04	62.11	8449.61	-8357.39	1.194e+06
		-4.497e+05	-8357.39	1.90e-03		405.0	56.02	1.717e+04	62.11	-5688.82	1.680e+04	1.316e+06
120	2	1.037e+06	1.162e+04	-5.21e-03	-1.01	0.0	62.18	-1.292e+04	29.07	1.127e+04	-157.82	9.527e+05
		-3.356e+05	-157.82	1.94e-03		405.0	62.18	1.337e+04	29.07	655.29	1.162e+04	1.037e+06
120	3	1.160e+06	1.384e+04	-0.01	-1.24	0.0	-14.56	-1.526e+04	43.27	1.230e+04	-3681.62	1.041e+06
		-4.772e+05	-3681.62	2.16e-03		405.0	-14.56	1.592e+04	43.27	-5829.04	1.384e+04	1.160e+06
120	5	1.084e+06	1.127e+04	-0.01	-1.18	0.0	-66.58	-1.444e+04	35.91	1.189e+04	-3273.42	9.853e+05
		-4.550e+05	-3273.42	1.92e-03		405.0	-66.58	1.500e+04	35.91	-4782.59	1.127e+04	1.084e+06
120	7	9.773e+05	1.077e+04	-6.38e-03	-0.99	0.0	39.57	-1.242e+04	24.49	1.185e+04	850.40	8.986e+05
		-3.406e+05	850.40	1.94e-03		405.0	39.57	1.285e+04	24.49	359.58	1.077e+04	9.773e+05
120	8	8.806e+05	9346.64	-8.75e-03	-0.94	0.0	0.27	-1.161e+04	15.03	1.436e+04	3259.18	8.019e+05
		-3.555e+05	3259.18	1.99e-03		405.0	0.27	1.205e+04	15.03	15.03	9346.64	8.806e+05
120	9	8.231e+05	7632.09	-8.44e-03	-0.90	0.0	-43.83	-1.103e+04	11.39	1.294e+04	3020.52	7.570e+05
		-3.448e+05	3020.52	1.85e-03		405.0	-43.83	1.140e+04	11.39	-198.95	7632.09	8.231e+05
120	10	8.384e+05	7417.43	4.13e-03	-0.94	0.0	-122.17	-1.221e+04	60.92	3.573e+04	-1.725e+04	8.384e+05
		-4.407e+05	-1.725e+04	4.17e-03		405.0	-122.17	1.138e+04	60.92	1.967e+04	7417.43	6.669e+05
120	11	9.664e+05	1.830e+04	-0.01	-0.86	0.0	39.69	-9818.19	-18.90	-1.139e+04	1.830e+04	6.656e+05
		-2.582e+05	1.064e+04	-7.08e-04		405.0	39.69	1.138e+04	-18.90	-2.141e+04	1.064e+04	9.664e+05
120	18	1.065e+06	1.532e+04	-8.79e-03	-0.90	0.0	-688.24	-9799.30	31.70	1.203e+04	2487.29	5.112e+05
		-3.610e+05	2487.29	1.38e-03		405.0	-688.24	1.259e+04	31.70	-820.35	1.532e+04	1.065e+06
120	21	1.030e+06	3843.13	-6.18e-03	-0.91	0.0	735.20	-1.240e+04	7.46	1.988e+04	822.27	1.030e+06
		-3.557e+05	822.27	2.97e-03		405.0	735.20	1.012e+04	7.46	6360.90	3843.13	5.607e+05
120	24	1.062e+06	1.558e+04	-0.01	-0.90	0.0	-760.11	-9779.87	32.71	7468.10	2326.61	5.089e+05
		-3.618e+05	2326.61	9.66e-04		405.0	-760.11	1.258e+04	32.71	-5325.56	1.558e+04	1.062e+06
120	42	8.219e+05	8699.52	-8.42e-03	-0.90	0.0	-15.91	-1.103e+04	13.90	1.304e+04	3068.80	7.580e+05
		-3.447e+05	3068.80	1.90e-03		405.0	-15.91	1.139e+04	13.90	-85.01	8699.52	8.219e+05
120	43	8.219e+05	8699.52	-8.42e-03	-0.90	0.0	-15.91	-1.103e+04	13.90	1.304e+04	3068.80	7.580e+05
		-3.447e+05	3068.80	1.90e-03		405.0	-15.91	1.139e+04	13.90	-85.01	8699.52	8.219e+05
120	44	8.219e+05	8699.52	-8.42e-03	-0.90	0.0	-15.91	-1.103e+04	13.90	1.304e+04	3068.80	7.580e+05
		-3.447e+05	3068.80	1.90e-03		405.0	-15.91	1.139e+04	13.90	-85.01	8699.52	8.219e+05
121	1	1.327e+06	1.293e+04	-0.02	-1.30	0.0	61.26	-1.610e+04	58.68	2.378e+04	-1.083e+04	1.164e+06
		-4.314e+05	-1.083e+04	1.22e-03		405.0	61.26	1.704e+04	58.68	9477.69	1.293e+04	1.327e+06
121	2	1.059e+06	1.663e+04	-0.02	-1.01	0.0	68.83	-1.255e+04	67.92	1.618e+04	-1.087e+04	9.185e+05
		-3.220e+05	-1.087e+04	4.06e-04		405.0	68.83	1.335e+04	67.92	5402.67	1.663e+04	1.059e+06
121	3	1.172e+06	1.128e+04	-0.02	-1.23	0.0	-8.87	-1.479e+04	49.29	1.973e+04	-8682.11	9.755e+05
		-4.771e+05	-8682.11	1.23e-03		405.0	-8.87	1.587e+04	49.29	1470.14	1.128e+04	1.172e+06
121	5	1.108e+06	1.226e+04	-0.02	-1.17	0.0	-37.96	-1.401e+04	53.52	1.625e+04	-9413.39	9.413e+05
		-4.397e+05	-9413.39	1.02e-03		405.0	-37.96	1.494e+04	53.52	-525.85	1.226e+04	1.108e+06
121	7	1.003e+06	1.593e+04	-0.02	-0.98	0.0	48.63	-1.205e+04	64.20	1.421e+04	-1.007e+04	8.622e+05
		-3.266e+05	-1.007e+04	3.86e-04		405.0	48.63	1.284e+04	64.20	2578.53	1.593e+04	1.003e+06

121	8	9.059e+05	1.460e+04	-0.01	-0.94	0.0	9.39	-1.121e+04	56.60	8957.38	-8325.37	7.475e+05
		-3.509e+05	-8325.37	3.24e-04		405.0	9.39	1.207e+04	56.60	-5471.89	1.460e+04	9.059e+05
121	9	8.545e+05	1.408e+04	-0.01	-0.89	0.0	-19.03	-1.065e+04	54.65	1.048e+04	-8056.95	7.123e+05
		-3.336e+05	-8056.95	3.18e-04		405.0	-19.03	1.143e+04	54.65	-2745.69	1.408e+04	8.545e+05
121	10	8.400e+05	3897.75	3.12e-03	-0.94	0.0	-154.04	-1.197e+04	73.15	4.679e+04	-2.573e+04	8.400e+05
		-3.948e+05	-2.573e+04	6.21e-03		405.0	-154.04	1.154e+04	73.15	3.011e+04	3897.75	7.489e+05
121	18	1.019e+06	2.023e+04	-7.66e-03	-0.89	0.0	-392.21	-9284.87	74.37	1.544e+04	-9886.79	3.176e+05
		-4.744e+05	-9886.79	-9.52e-04		405.0	-392.21	1.280e+04	74.37	2448.08	2.023e+04	1.019e+06
121	21	1.145e+06	8382.72	-0.02	-0.90	0.0	431.19	-1.220e+04	43.41	1.092e+04	-9198.06	1.145e+06
		-2.242e+05	-9198.06	2.37e-03		405.0	431.19	9969.05	43.41	-2756.92	8382.72	6.751e+05
121	22	1.006e+06	2.105e+04	-8.00e-03	-0.89	0.0	-376.27	-9418.21	82.61	1.614e+04	-1.240e+04	3.541e+05
		-4.609e+05	-1.240e+04	-6.84e-04		405.0	-376.27	1.269e+04	82.61	3079.44	2.105e+04	1.006e+06
121	24	1.017e+06	2.058e+04	-9.36e-03	-0.89	0.0	-434.93	-9248.87	74.00	1.091e+04	-9385.95	3.197e+05
		-4.699e+05	-9385.95	-1.39e-03		405.0	-434.93	1.275e+04	74.00	-1939.39	2.058e+04	1.017e+06
121	25	1.106e+06	7428.02	-0.02	-0.90	0.0	433.42	-1.206e+04	35.18	1.045e+04	-6820.43	1.106e+06
		-2.324e+05	-6820.43	2.07e-03		405.0	433.42	1.009e+04	35.18	-3163.80	7428.02	6.896e+05
121	42	8.537e+05	1.395e+04	-0.01	-0.89	0.0	-1.54	-1.066e+04	54.22	1.056e+04	-8009.24	7.140e+05
		-3.330e+05	-8009.24	3.21e-04		405.0	-1.54	1.142e+04	54.22	-2658.87	1.395e+04	8.537e+05
121	43	8.537e+05	1.395e+04	-0.01	-0.89	0.0	-1.54	-1.066e+04	54.22	1.056e+04	-8009.24	7.140e+05
		-3.330e+05	-8009.24	3.21e-04		405.0	-1.54	1.142e+04	54.22	-2658.87	1.395e+04	8.537e+05
121	44	8.537e+05	1.395e+04	-0.01	-0.89	0.0	-1.54	-1.066e+04	54.22	1.056e+04	-8009.24	7.140e+05
		-3.330e+05	-8009.24	3.21e-04		405.0	-1.54	1.142e+04	54.22	-2658.87	1.395e+04	8.537e+05
122	1	1.275e+06	7299.38	0.02	-1.27	0.0	31.61	-1.304e+04	45.53	2.996e+05	-1.137e+04	-6.427e+04
		-1.129e+06	-1.137e+04	1.49e-03		410.0	31.61	1.966e+04	45.53	2.822e+05	7299.38	1.275e+06
122	2	1.012e+06	7788.63	0.01	-0.99	0.0	35.76	-1.012e+04	48.58	2.421e+05	-1.213e+04	-5.775e+04
		-8.803e+05	-1.213e+04	4.85e-04		410.0	35.76	1.542e+04	48.58	2.289e+05	7788.63	1.012e+06
122	5	1.034e+06	3807.90	0.01	-1.16	0.0	-18.15	-1.176e+04	26.96	1.945e+05	-7245.91	-4.664e+04
		-1.023e+06	-7245.91	1.32e-03		410.0	-18.15	1.704e+04	26.96	1.757e+05	3807.90	1.034e+06
122	7	9.510e+05	7039.64	0.01	-0.96	0.0	25.30	-9820.46	44.04	2.122e+05	-1.102e+04	-5.291e+04
		-8.550e+05	-1.102e+04	4.41e-04		410.0	25.30	1.478e+04	44.04	1.984e+05	7039.64	9.510e+05
122	9	7.884e+05	5290.07	8.78e-03	-0.89	0.0	-8.24	-8966.93	33.26	1.443e+05	-8346.87	-4.105e+04
		-7.849e+05	-8346.87	3.12e-04		410.0	-8.24	1.302e+04	33.26	1.296e+05	5290.07	7.884e+05
122	10	7.163e+05	2.112e+04	0.01	-0.96	0.0	-135.07	-1.061e+04	-130.63	1.880e+05	2.112e+04	1.596e+05
		-7.987e+05	-3.243e+04	0.01		410.0	-135.07	1.326e+04	-130.63	1.691e+05	-3.243e+04	7.163e+05
122	11	8.237e+05	3.491e+04	0.01	-0.82	0.0	101.23	-7491.63	160.61	1.082e+05	-3.094e+04	-2.154e+05
		-7.894e+05	-3.094e+04	-8.20e-03		410.0	101.23	1.263e+04	160.61	9.778e+04	3.491e+04	8.237e+05
122	18	7.949e+05	1.400e+04	0.03	-0.92	0.0	-83.98	-8381.48	76.13	1.659e+05	-1.721e+04	-4.094e+05
		-1.037e+06	-1.721e+04	-1.47e-03		410.0	-83.98	1.412e+04	76.13	1.512e+05	1.400e+04	7.949e+05
122	42	7.884e+05	5101.85	8.78e-03	-0.89	0.0	-0.98	-8967.54	32.30	1.443e+05	-8140.11	-3.955e+04
		-7.838e+05	-8140.11	3.24e-04		410.0	-0.98	1.302e+04	32.30	1.296e+05	5101.85	7.884e+05
122	43	7.884e+05	5101.85	8.78e-03	-0.89	0.0	-0.98	-8967.54	32.30	1.443e+05	-8140.11	-3.955e+04
		-7.838e+05	-8140.11	3.24e-04		410.0	-0.98	1.302e+04	32.30	1.296e+05	5101.85	7.884e+05
122	44	7.884e+05	5101.85	8.78e-03	-0.89	0.0	-0.98	-8967.54	32.30	1.443e+05	-8140.11	-3.955e+04
		-7.838e+05	-8140.11	3.24e-04		410.0	-0.98	1.302e+04	32.30	1.296e+05	5101.85	7.884e+05
123	1	1.468e+06	5657.82	0.02	-1.25	0.0	-850.16	-1.226e+04	43.12	-3.032e+05	-1.202e+04	-5.617e+04
		-1.021e+06	-1.202e+04	1.86e-03		410.0	-850.16	1.980e+04	43.12	-2.874e+05	5657.82	1.468e+06
123	2	1.140e+06	6337.16	0.01	-0.97	0.0	-675.19	-9565.98	45.63	-2.498e+05	-1.237e+04	-4.398e+04
		-7.972e+05	-1.237e+04	8.66e-04		410.0	-675.19	1.542e+04	45.63	-2.378e+05	6337.16	1.140e+06
123	4	9.743e+05	2449.49	7.88e-03	-0.91	0.0	-545.55	-8945.33	24.58	-1.431e+05	-7627.29	-3.229e+04
		-7.486e+05	-7627.29	1.06e-03		410.0	-545.55	1.387e+04	24.58	-1.281e+05	2449.49	9.743e+05
123	7	1.079e+06	6001.74	0.01	-0.94	0.0	-639.24	-9261.09	42.84	-2.199e+05	-1.156e+04	-3.916e+04
		-7.718e+05	-1.156e+04	7.82e-04		410.0	-639.24	1.477e+04	42.84	-2.074e+05	6001.74	1.079e+06
123	8	9.651e+05	4865.80	7.82e-03	-0.90	0.0	-556.60	-8863.22	35.39	-1.493e+05	-9645.70	-2.969e+04
		-7.398e+05	-9645.70	6.52e-04		410.0	-556.60	1.373e+04	35.39	-1.347e+05	4865.80	9.651e+05
123	10	9.620e+05	1.969e+04	-0.03	-0.79	0.0	-355.22	-6824.63	-127.50	-8.994e+04	1.969e+04	-1.152e+05
		-6.239e+05	-3.258e+04	0.01		410.0	-355.22	1.225e+04	-127.50	-8.137e+04	-3.258e+04	9.620e+05
123	11	8.728e+05	3.509e+04	-0.03	-0.96	0.0	-741.61	-9881.20	164.71	-2.045e+05	-3.245e+04	5.359e+04
		-7.784e+05	-3.245e+04	-7.93e-03		410.0	-741.61	1.375e+04	164.71	-1.867e+05	3.509e+04	8.728e+05
123	18	8.960e+05	1.411e+04	-0.03	-0.93	0.0	-1012.54	-8415.78	83.26	-1.907e+05	-2.003e+04	-3.287e+05
		-9.566e+05	-2.003e+04	-1.15e-03		410.0	-1012.54	1.423e+04	83.26	-1.758e+05	1.411e+04	8.960e+05
123	24	8.986e+05	1.595e+04	-0.03	-0.93	0.0	-1091.81	-8472.25	91.66	-1.920e+05	-2.163e+04	-3.071e+05
		-9.433e+05	-2.163e+04	-1.78e-03		410.0	-1091.81	1.420e+04	91.66	-1.769e+05	1.595e+04	8.986e+05
123	25	9.268e+05	2566.87	-0.03	-0.83	0.0	-1.35	-8354.86	-20.40	-1.118e+05	2566.87	2.524e+05
		-4.679e+05	-5798.13	2.99e-03		410.0	-1.35	1.182e+04	-20.40	-9.993e+04	-5798.13	9.268e+05
123	42	9.128e+05	5057.19	7.41e-03	-0.87	0.0	-542.49	-8416.90	35.42	-1.519e+05	-9465.86	-2.624e+04
		-7.014e+05	-9465.86	5.73e-04		410.0	-542.49	1.301e+04	35.42	-1.384e+05	5057.19	9.128e+05
123	43	9.128e+05	5057.19	7.41e-03	-0.87	0.0	-542.49	-8416.90	35.42	-1.519e+05	-9465.86	-2.624e+04
		-7.014e+05	-9465.86	5.73e-04		410.0	-542.49	1.301e+04	35.42	-1.384e+05	5057.19	9.128e+05
123	44	9.128e+05	5057.19	7.41e-03	-0.87	0.0	-542.49	-8416.90	35.42	-1.519e+05	-9465.86	-2.624e+04
		-7.014e+05	-9465.86	5.73e-04		410.0	-542.49	1.301e+04	35.42	-1.384e+05	5057.19	9.128e+05
124	1	1.779e+06	1.098e+04	-4.60e-03	-1.25	0.0	-1988.17	-1.517e+04	59.30	-7.734e+04	-1.304e+04	1.404e+06
		-3.808e+04	-1.304e+04	1.12e-03		405.0	-1988.17	1.701e+04	59.30	-6.517e+04	1.098e+04	1.779e+06
124	2	1.375e+06	1.414e+04	-3.60e-03	-0.97	0.0	-1578.23	-1.183e+04	65.55	-6.100e+04	-1.241e+04	1.089e+06
		-3.688e+04	-1.241e+04	3.85e-04		405.0	-1578.23	1.323e+04	65.55	-5.201e+04	1.414e+04	1.375e+06
124	3	1.658e+06	8748.53	-9.94e-03	-1.18	0.0	-1712.04	-1.380e+04	46.81	-7.661e+04	-1.021e+04	1.232e+06
		-6.012e+04	-1.021e+04	1.11e-03		405.0	-1712.04	1.585e+04	46.81	-6.063e+04	8748.53	1.658e+06
124	4	1.269e+06	1.039e+04	-8.77e-03	-0.91	0.0	-1269.29	-1.050e+04	50.87	-5.721e+04	-1.022e+04	9.352e+05

		-4.582e+04	-1.022e+04	4.69e-04		405.0	-1269.29	1.210e+04	50.87	-4.420e+04	1.039e+04	1.269e+06
124	7	1.320e+06	1.333e+04	-4.46e-03	-0.94	0.0	-1491.77	-1.132e+04	61.03	-5.911e+04	-1.139e+04	1.033e+06
		-4.112e+04	-1.139e+04	3.63e-04		405.0	-1491.77	1.272e+04	61.03	-4.928e+04	1.333e+04	1.320e+06
124	8	1.245e+06	1.152e+04	-8.31e-03	-0.90	0.0	-1292.57	-1.043e+04	51.83	-5.685e+04	-9473.68	9.283e+05
		-4.952e+04	-9473.68	3.11e-04		405.0	-1292.57	1.196e+04	51.83	-4.430e+04	1.152e+04	1.245e+06
124	9	1.164e+06	1.121e+04	-7.50e-03	-0.86	0.0	-1302.61	-9934.01	49.67	-5.475e+04	-8907.55	8.791e+05
		-5.511e+04	-8907.55	2.93e-04		405.0	-1302.61	1.131e+04	49.67	-4.330e+04	1.121e+04	1.164e+06
124	10	1.170e+06	3115.87	-0.01	-0.81	0.0	-924.60	-9031.48	74.65	569.39	-2.712e+04	8.510e+05
		7923.06	-2.712e+04	6.21e-03		405.0	-924.60	1.068e+04	74.65	8268.41	3115.87	1.170e+06
124	18	1.253e+06	1.797e+04	-0.02	-0.89	0.0	-2478.39	-9158.85	71.39	-7.355e+04	-1.095e+04	5.288e+05
		-2.417e+05	-1.095e+04	-9.46e-04		405.0	-2478.39	1.266e+04	71.39	-6.116e+04	1.797e+04	1.253e+06
124	22	1.248e+06	1.898e+04	-0.01	-0.88	0.0	-2609.83	-9179.10	80.22	-7.005e+04	-1.351e+04	5.526e+05
		-2.257e+05	-1.351e+04	-6.66e-04		405.0	-2609.83	1.254e+04	80.22	-5.782e+04	1.898e+04	1.248e+06
124	24	1.248e+06	1.854e+04	-0.02	-0.89	0.0	-2646.06	-9252.42	71.72	-7.624e+04	-1.050e+04	5.554e+05
		-2.304e+05	-1.050e+04	-1.40e-03		405.0	-2646.06	1.259e+04	71.72	-6.377e+04	1.854e+04	1.248e+06
124	25	1.202e+06	3775.11	-4.32e-03	-0.84	0.0	107.96	-1.061e+04	27.65	-3.286e+04	-7421.53	1.202e+06
		9.624e+04	-7421.53	2.03e-03		405.0	107.96	1.002e+04	27.65	-2.244e+04	3775.11	1.082e+06
124	42	1.165e+06	1.112e+04	-7.47e-03	-0.86	0.0	-1259.05	-9936.06	49.35	-5.459e+04	-8868.97	8.799e+05
		-5.467e+04	-8868.97	2.95e-04		405.0	-1259.05	1.130e+04	49.35	-4.314e+04	1.112e+04	1.165e+06
124	43	1.165e+06	1.112e+04	-7.47e-03	-0.86	0.0	-1259.05	-9936.06	49.35	-5.459e+04	-8868.97	8.799e+05
		-5.467e+04	-8868.97	2.95e-04		405.0	-1259.05	1.130e+04	49.35	-4.314e+04	1.112e+04	1.165e+06
124	44	1.165e+06	1.112e+04	-7.47e-03	-0.86	0.0	-1259.05	-9936.06	49.35	-5.459e+04	-8868.97	8.799e+05
		-5.467e+04	-8868.97	2.95e-04		405.0	-1259.05	1.130e+04	49.35	-4.314e+04	1.112e+04	1.165e+06
135	1	4.192e+06	1.727e+05	-0.38	-0.99	0.0	2054.83	-2.320e+04	549.56	-1.471e+05	-1.748e+05	4.192e+06
		-8.342e+05	-1.748e+05	-0.01		632.4	2054.83	5348.80	549.56	-1.411e+05	1.727e+05	-3.901e+05
135	2	3.199e+06	1.577e+05	-0.29	-0.77	0.0	1798.76	-1.800e+04	495.81	-1.173e+05	-1.558e+05	3.199e+06
		-6.766e+05	-1.558e+05	-9.99e-03		632.4	1798.76	4290.18	495.81	-1.126e+05	1.577e+05	-3.132e+05
135	3	4.409e+06	1.933e+05	-0.34	-0.91	0.0	2107.19	-2.196e+04	593.82	-1.509e+05	-1.822e+05	4.409e+06
		-6.435e+05	-1.822e+05	-0.01		632.4	2107.19	3717.56	593.82	-1.452e+05	1.933e+05	-3.993e+05
135	5	4.103e+06	1.839e+05	-0.32	-0.88	0.0	2138.60	-2.083e+04	561.38	-1.329e+05	-1.711e+05	4.103e+06
		-6.291e+05	-1.711e+05	-0.01		632.4	2138.60	3847.96	561.38	-1.277e+05	1.839e+05	-3.643e+05
135	7	3.208e+06	1.599e+05	-0.28	-0.74	0.0	1779.49	-1.747e+04	498.54	-1.137e+05	-1.554e+05	3.208e+06
		-6.190e+05	-1.554e+05	-9.65e-03		632.4	1779.49	3874.39	498.54	-1.092e+05	1.599e+05	-3.080e+05
135	8	3.367e+06	1.723e+05	-0.25	-0.69	0.0	1818.41	-1.669e+04	525.73	-1.150e+05	-1.601e+05	3.367e+06
		-4.966e+05	-1.601e+05	-9.09e-03		632.4	1818.41	2787.07	525.73	-1.106e+05	1.723e+05	-3.168e+05
135	10	3.028e+06	5.262e+04	-0.29	-0.67	0.0	1167.38	-1.497e+04	158.98	-1.155e+05	-4.791e+04	3.028e+06
		-2.769e+05	-4.791e+04	6.17e-04		632.4	1167.38	2512.78	158.98	-1.125e+05	5.262e+04	-9.596e+04
135	11	3.353e+06	2.127e+05	-0.20	-0.67	0.0	1892.93	-1.688e+04	677.31	-8.253e+04	-2.156e+05	3.353e+06
		-6.312e+05	-2.156e+05	-0.02		632.4	1892.93	3104.85	677.31	-7.763e+04	2.127e+05	-4.337e+05
135	13	3.351e+06	2.126e+05	-0.19	-0.67	0.0	1857.98	-1.694e+04	681.56	-7.809e+04	-2.184e+05	3.351e+06
		-6.430e+05	-2.184e+05	-0.01		632.4	1857.98	3233.85	681.56	-7.312e+04	2.126e+05	-4.342e+05
135	15	3.350e+06	2.148e+05	-0.19	-0.67	0.0	1838.58	-1.685e+04	683.89	-8.386e+04	-2.177e+05	3.350e+06
		-6.275e+05	-2.177e+05	-0.01		632.4	1838.58	3111.45	683.89	-7.898e+04	2.148e+05	-4.291e+05
135	17	3.342e+06	2.145e+05	-0.19	-0.67	0.0	1802.11	-1.690e+04	685.80	-7.958e+04	-2.192e+05	3.342e+06
		-6.395e+05	-2.192e+05	-0.01		632.4	1802.11	3251.69	685.80	-7.463e+04	2.145e+05	-4.286e+05
135	42	3.152e+06	1.630e+05	-0.24	-0.67	0.0	1715.65	-1.590e+04	498.28	-1.042e+05	-1.521e+05	3.152e+06
		-4.851e+05	-1.521e+05	-8.77e-03		632.4	1715.65	2878.53	498.28	-1.003e+05	1.630e+05	-2.904e+05
135	43	3.152e+06	1.630e+05	-0.24	-0.67	0.0	1715.65	-1.590e+04	498.28	-1.042e+05	-1.521e+05	3.152e+06
		-4.851e+05	-1.521e+05	-8.77e-03		632.4	1715.65	2878.53	498.28	-1.003e+05	1.630e+05	-2.904e+05
135	44	3.152e+06	1.630e+05	-0.24	-0.67	0.0	1715.65	-1.590e+04	498.28	-1.042e+05	-1.521e+05	3.152e+06
		-4.851e+05	-1.521e+05	-8.77e-03		632.4	1715.65	2878.53	498.28	-1.003e+05	1.630e+05	-2.904e+05
136	1	2.546e+05	1.718e+05	0.02	-0.62	0.0	215.77	-5003.41	-859.09	1.765e+05	1.718e+05	-1.371e+05
		-5.612e+05	-1.804e+05	0.01		410.0	215.77	6827.96	-859.09	1.691e+05	-1.804e+05	2.546e+05
136	3	8.063e+04	1.944e+05	0.01	-0.58	0.0	307.25	-4734.43	-1133.25	2.080e+05	1.944e+05	-1.373e+05
		-5.689e+05	-2.702e+05	0.01		410.0	307.25	5744.77	-1133.25	2.011e+05	-2.702e+05	8.063e+04
136	5	1.259e+05	1.849e+05	0.01	-0.57	0.0	346.32	-4537.08	-1160.45	1.838e+05	1.849e+05	-1.202e+05
		-5.263e+05	-2.908e+05	0.01		410.0	346.32	5676.73	-1160.45	1.773e+05	-2.908e+05	1.259e+05
136	6	8.317e+04	1.626e+05	7.71e-03	-0.43	0.0	371.80	-3455.76	-1068.09	1.439e+05	1.626e+05	-8.927e+04
		-4.017e+05	-2.754e+05	9.31e-03		410.0	371.80	4256.73	-1068.09	1.392e+05	-2.754e+05	8.317e+04
136	7	1.779e+05	1.608e+05	0.01	-0.47	0.0	295.53	-3799.54	-888.69	1.439e+05	1.608e+05	-1.045e+05
		-4.299e+05	-2.035e+05	0.01		410.0	295.53	5123.55	-888.69	1.386e+05	-2.035e+05	1.779e+05
136	8	4.731e+04	1.745e+05	7.72e-03	-0.44	0.0	350.78	-3680.86	-1041.73	1.628e+05	1.745e+05	-1.015e+05
		-4.411e+05	-2.526e+05	0.01		410.0	350.78	4367.74	-1041.73	1.578e+05	-2.526e+05	4.731e+04
136	9	8.680e+04	1.637e+05	7.84e-03	-0.44	0.0	359.61	-3509.65	-1036.01	1.454e+05	1.637e+05	-9.133e+04
		-4.081e+05	-2.611e+05	0.01		410.0	359.61	4337.70	-1036.01	1.406e+05	-2.611e+05	8.680e+04
136	11	-3.070e+04	2.150e+05	0.02	-0.48	0.0	706.15	-4845.50	-1068.04	1.258e+05	2.150e+05	-3.070e+04
		-5.446e+05	-2.229e+05	0.01		410.0	706.15	4202.52	-1068.04	1.224e+05	-2.229e+05	-1.352e+05
136	15	-3.745e+04	2.167e+05	0.02	-0.48	0.0	657.73	-4718.75	-1071.55	1.276e+05	2.167e+05	-3.745e+04
		-5.251e+05	-2.227e+05	0.02		410.0	657.73	4338.41	-1071.55	1.243e+05	-2.227e+05	-8.840e+04
136	22	3.367e+05	1.452e+05	0.03	-0.47	0.0	-377.65	-3194.19	-956.56	1.442e+05	1.452e+05	-2.006e+05
		-4.253e+05	-2.470e+05	9.10e-03		410.0	-377.65	5667.25	-956.56	1.401e+05	-2.470e+05	3.367e+05
136	24	3.236e+05	1.406e+05	0.03	-0.47	0.0	-389.65	-3217.10	-940.98	1.400e+05	1.406e+05	-1.926e+05
		-4.224e+05	-2.452e+05	7.74e-03		410.0	-389.65	5583.46	-940.98	1.359e+05	-2.452e+05	3.236e+05
136	25	-3237.17	1.967e+05	0.02	-0.41	0.0	1165.96	-3933.27	-1050.87	1.581e+05	1.967e+05	-3237.17
		-4.752e+05	-2.341e+05	0.02		410.0	1165.96	2940.20	-1050.87	1.527e+05	-2.341e+05	-2.278e+05
136	42	8.069e+04	1.649e+05	6.77e-03	-0.44	0.0	342.51	-3528.86	-977.31	1.462e+05	1.649e+05	-9.324e+04
		-4.131e+05	-2.358e+05	0.01		410.0	342.51	4344.53	-977.31	1.414e+05	-2.358e+05	8.069e+04

136	43	8.069e+04	1.649e+05	6.77e-03	-0.44	0.0	342.51	-3528.86	-977.31	1.462e+05	1.649e+05	-9.324e+04
		-4.131e+05	-2.358e+05	0.01		410.0	342.51	4344.53	-977.31	1.414e+05	-2.358e+05	8.069e+04
136	44	8.069e+04	1.649e+05	6.77e-03	-0.44	0.0	342.51	-3528.86	-977.31	1.462e+05	1.649e+05	-9.324e+04
		-4.131e+05	-2.358e+05	0.01		410.0	342.51	4344.53	-977.31	1.414e+05	-2.358e+05	8.069e+04
137	1	1.131e+06	1.726e+05	-0.28	-0.87	0.0	-284.67	-1.422e+04	546.21	-1.268e+05	-1.731e+05	1.131e+06
		-1.049e+06	-1.731e+05	-0.01		632.8	-284.67	1.010e+04	546.21	-1.241e+05	1.726e+05	5.807e+05
137	2	8.659e+05	1.274e+05	-0.21	-0.68	0.0	123.79	-1.113e+04	423.35	-1.027e+05	-1.405e+05	8.659e+05
		-8.471e+05	-1.405e+05	-0.01		632.8	123.79	7889.50	423.35	-1.005e+05	1.274e+05	4.170e+05
137	5	1.019e+06	6.352e+04	-0.23	-0.78	0.0	-1192.83	-1.225e+04	290.69	-1.172e+05	-1.204e+05	1.019e+06
		-8.793e+05	-1.204e+05	-0.01		632.8	-1192.83	8598.73	290.69	-1.150e+05	6.352e+04	4.870e+05
137	7	8.428e+05	1.154e+05	-0.20	-0.65	0.0	-36.59	-1.064e+04	396.75	-1.006e+05	-1.356e+05	8.428e+05
		-7.990e+05	-1.356e+05	-0.01		632.8	-36.59	7522.47	396.75	-9.859e+04	1.154e+05	4.016e+05
137	9	7.695e+05	4.958e+04	-0.17	-0.59	0.0	-679.43	-9302.31	238.88	-9.274e+04	-1.016e+05	7.695e+05
		-6.791e+05	-1.016e+05	-0.01		632.8	-679.43	6542.11	238.88	-9.113e+04	4.958e+04	3.535e+05
137	11	1.240e+06	2.052e+05	-0.15	-0.59	0.0	-887.83	-1.097e+04	643.91	-7.891e+04	-2.022e+05	1.240e+06
		-7.436e+05	-2.022e+05	-0.02		632.8	-887.83	5767.46	643.91	-7.722e+04	2.052e+05	-3767.50
137	12	1.210e+06	-1.489e+04	-0.21	-0.59	0.0	-1651.01	-7077.18	12.44	-1.089e+05	-2.277e+04	3.265e+05
		-4.942e+05	-2.277e+04	-2.63e-03		632.8	-1651.01	8101.69	12.44	-1.080e+05	-1.489e+04	1.210e+06
137	17	1.280e+06	2.255e+05	0.14	-0.59	0.0	-1005.20	-1.105e+04	697.56	-7.170e+04	-2.159e+05	1.280e+06
		-7.354e+05	-2.159e+05	-0.01		632.8	-1005.20	5771.53	697.56	-6.968e+04	2.255e+05	-3271.59
137	21	9.179e+05	1.825e+05	-0.19	-0.59	0.0	-969.17	-9790.77	637.59	-7.292e+04	-2.210e+05	9.179e+05
		-6.716e+05	-2.210e+05	-9.38e-03		632.8	-969.17	5935.12	637.59	-7.415e+04	1.825e+05	2.190e+05
137	22	6.547e+05	5477.30	-0.15	-0.59	0.0	325.34	-9059.57	76.05	-1.224e+05	-4.264e+04	6.547e+05
		-7.221e+05	-4.264e+04	-8.16e-03		632.8	325.34	7143.78	76.05	-1.184e+05	5477.30	4.371e+05
137	42	7.709e+05	8.517e+04	-0.17	-0.59	0.0	-387.41	-9314.15	327.63	-9.434e+04	-1.221e+05	7.709e+05
		-6.785e+05	-1.221e+05	-9.50e-03		632.8	-387.41	6586.49	327.63	-9.281e+04	8.517e+04	3.623e+05
137	43	7.709e+05	8.517e+04	-0.17	-0.59	0.0	-387.41	-9314.15	327.63	-9.434e+04	-1.221e+05	7.709e+05
		-6.785e+05	-1.221e+05	-9.50e-03		632.8	-387.41	6586.49	327.63	-9.281e+04	8.517e+04	3.623e+05
137	44	7.709e+05	8.517e+04	-0.17	-0.59	0.0	-387.41	-9314.15	327.63	-9.434e+04	-1.221e+05	7.709e+05
		-6.785e+05	-1.221e+05	-9.50e-03		632.8	-387.41	6586.49	327.63	-9.281e+04	8.517e+04	3.623e+05
138	1	6.106e+05	1.461e+05	-8.91e-03	-0.60	0.0	-233.19	-6038.89	1233.38	3.325e+04	-3.103e+05	6.106e+05
		-2.964e+04	-3.103e+05	-0.01		370.0	-233.19	4409.65	1233.38	2.827e+04	1.461e+05	3.178e+05
138	3	4.067e+05	2.038e+05	-6.25e-03	-0.56	0.0	-268.29	-5001.19	1403.45	7.675e+04	-3.155e+05	4.067e+05
		-7.998e+04	-3.155e+05	-0.02		370.0	-268.29	4539.25	1403.45	7.285e+04	2.038e+05	3.157e+05
138	5	5.313e+05	2.812e+05	-2.07e-03	-0.55	0.0	-443.62	-5256.69	1808.97	7.348e+04	-3.881e+05	5.313e+05
		-2.538e+04	-3.881e+05	-0.03		370.0	-443.62	3904.16	1808.97	6.976e+04	2.812e+05	2.832e+05
138	6	4.807e+05	2.545e+05	-2.56e-03	-0.42	0.0	-447.09	-4231.10	1567.70	5.329e+04	-3.256e+05	4.807e+05
		4591.19	-3.256e+05	-0.02		370.0	-447.09	2697.09	1567.70	5.072e+04	2.545e+05	1.995e+05
138	7	5.362e+05	1.268e+05	-6.60e-03	-0.45	0.0	-339.66	-4799.91	966.51	1.688e+04	-2.308e+05	5.362e+05
		3157.09	-2.308e+05	-0.01		370.0	-339.66	3123.93	966.51	1.336e+04	1.268e+05	2.327e+05
138	8	4.006e+05	1.695e+05	-2.97e-03	-0.43	0.0	-304.34	-4135.61	1131.20	4.554e+04	-2.490e+05	4.006e+05
		-3.336e+04	-2.490e+05	-0.02		370.0	-304.34	3180.32	1131.20	4.274e+04	1.695e+05	2.215e+05
138	9	4.734e+05	2.198e+05	-2.22e-03	-0.42	0.0	-404.58	-4261.32	1391.65	4.605e+04	-2.951e+05	4.734e+05
		-889.77	-2.951e+05	-0.02		370.0	-404.58	2792.61	1391.65	4.334e+04	2.198e+05	2.039e+05
138	10	3.844e+05	7.788e+04	-0.02	-0.41	0.0	246.42	-1635.23	492.24	1.915e+05	-1.042e+05	-1.465e+05
		-2.287e+05	-1.042e+05	-8.20e-03		370.0	246.42	4631.15	492.24	1.872e+05	7.788e+04	3.844e+05
138	11	8.091e+05	1.766e+05	-0.02	-0.45	0.0	-806.17	-5925.59	1332.39	-3.137e+04	-3.164e+05	8.091e+05
		-1.533e+04	-3.164e+05	-0.01		370.0	-806.17	1832.93	1332.39	-3.359e+04	1.766e+05	6.701e+04
138	21	9.631e+05	3.323e+05	-0.02	-0.43	0.0	-245.26	-6472.90	1812.47	2.047e+04	-3.383e+05	9.631e+05
		-1.617e+05	-3.383e+05	-9.16e-03		370.0	-245.26	523.79	1812.47	1.711e+04	3.323e+05	-1.548e+05
138	23	9.357e+05	3.455e+05	-0.02	-0.43	0.0	-118.72	-6457.78	1831.44	2.921e+04	-3.322e+05	9.357e+05
		-2.022e+05	-3.322e+05	-0.01		370.0	-118.72	427.82	1831.44	2.576e+04	3.455e+05	-1.974e+05
138	42	4.458e+05	1.528e+05	-7.85e-04	-0.42	0.0	-309.43	-4212.27	1036.18	3.258e+04	-2.306e+05	4.458e+05
		-1.342e+04	-2.306e+05	-0.01		370.0	-309.43	2924.26	1036.18	2.978e+04	1.528e+05	2.072e+05
138	43	4.458e+05	1.528e+05	-7.85e-04	-0.42	0.0	-309.43	-4212.27	1036.18	3.258e+04	-2.306e+05	4.458e+05
		-1.342e+04	-2.306e+05	-0.01		370.0	-309.43	2924.26	1036.18	2.978e+04	1.528e+05	2.072e+05
138	44	4.458e+05	1.528e+05	-7.85e-04	-0.42	0.0	-309.43	-4212.27	1036.18	3.258e+04	-2.306e+05	4.458e+05
		-1.342e+04	-2.306e+05	-0.01		370.0	-309.43	2924.26	1036.18	2.978e+04	1.528e+05	2.072e+05
140	2	6.496e+04	3.763e+04	0.05	-0.47	0.0	889.35	-2067.05	-158.93	-4.574e+04	3.763e+04	-1.066e+05
		-2.023e+05	-2895.42	-6.53e-03		255.0	889.35	3250.52	-158.93	-4.429e+04	-2895.42	6.496e+04
140	3	8.535e+04	5.356e+04	0.04	-0.57	0.0	1543.81	-2297.39	-229.43	-5.824e+04	5.356e+04	-1.629e+05
		-2.623e+05	-4943.85	-6.68e-03		255.0	1543.81	4113.94	-229.43	-5.694e+04	-4943.85	8.535e+04
140	5	7.358e+04	2.819e+04	0.04	-0.55	0.0	1634.30	-1915.43	-168.98	-4.696e+04	2.819e+04	-2.178e+05
		-2.920e+05	-1.490e+04	-8.37e-03		255.0	1634.30	4074.68	-168.98	-4.566e+04	-1.490e+04	7.358e+04
140	6	5.958e+04	1.708e+04	0.03	-0.41	0.0	1446.21	-1329.21	-128.02	-3.278e+04	1.708e+04	-1.849e+05
		-2.323e+05	-1.557e+04	-6.97e-03		255.0	1446.21	3162.29	-128.02	-3.184e+04	-1.557e+04	5.958e+04
140	7	6.504e+04	3.756e+04	0.04	-0.46	0.0	958.16	-1963.38	-160.34	-4.422e+04	3.756e+04	-1.101e+05
		-1.994e+05	-3326.74	-6.20e-03		255.0	958.16	3191.12	-160.34	-4.290e+04	-3326.74	6.504e+04
140	8	7.127e+04	4.138e+04	0.03	-0.43	0.0	1287.72	-1719.05	-183.53	-4.315e+04	4.138e+04	-1.257e+05
		-1.989e+05	-5423.70	-5.41e-03		255.0	1287.72	3167.07	-183.53	-4.218e+04	-5423.70	7.127e+04
140	9	6.146e+04	2.386e+04	0.03	-0.42	0.0	1329.40	-1471.49	-139.73	-3.558e+04	2.386e+04	-1.623e+05
		-2.194e+05	-1.178e+04	-6.49e-03		255.0	1329.40	3132.31	-139.73	-3.460e+04	-1.178e+04	6.146e+04
140	11	1.951e+05	5.009e+04	0.03	-0.44	0.0	33.21	-1510.79	-237.28	-4.153e+04	5.009e+04	-6.379e+04
		-1.197e+05	-1.041e+04	-6.30e-03		255.0	33.21	3450.98	-237.28	-4.069e+04	-1.041e+04	1.951e+05
140	16	-5.217e+04	4.691e+04	0.04	-0.42	0.0	2917.64	-1804.03	-209.85	-4.963e+04	4.691e+04	-1.924e+05
		-2.777e+05	-6601.54	-2.41e-03		255.0	2917.64	2783.08	-209.85	-4.883e+04	-6601.54	-5.217e+04
140	17	1.899e+05	3.859e+04	0.03	-0.43	0.0	-860.58	-1604.16	-151.07	-3.826e+04	3.859e+04	-3.965e+04

		-1.035e+05	69.11	-6.74e-03		255.0	-860.58	3313.25	-151.07	-3.723e+04	69.11	1.899e+05
140	23	1.630e+05	9.813e+04	0.03	-0.47	0.0	1601.14	-1685.17	-616.18	-4.807e+04	9.813e+04	-1.411e+05
		-2.017e+05	-5.900e+04	7.97e-03		255.0	1601.14	3958.19	-616.18	-4.940e+04	-5.900e+04	1.630e+05
140	42	6.526e+04	3.715e+04	0.03	-0.43	0.0	1118.87	-1702.30	-162.84	-4.007e+04	3.715e+04	-1.189e+05
		-1.923e+05	-4373.16	-5.29e-03		255.0	1118.87	3041.70	-162.84	-3.909e+04	-4373.16	6.526e+04
140	43	6.526e+04	3.715e+04	0.03	-0.43	0.0	1118.87	-1702.30	-162.84	-4.007e+04	3.715e+04	-1.189e+05
		-1.923e+05	-4373.16	-5.29e-03		255.0	1118.87	3041.70	-162.84	-3.909e+04	-4373.16	6.526e+04
140	44	6.526e+04	3.715e+04	0.03	-0.43	0.0	1118.87	-1702.30	-162.84	-4.007e+04	3.715e+04	-1.189e+05
		-1.923e+05	-4373.16	-5.29e-03		255.0	1118.87	3041.70	-162.84	-3.909e+04	-4373.16	6.526e+04
141	1	8.837e+04	1241.01	0.06	-0.54	0.0	771.36	-2930.11	-536.00	-5.585e+04	1241.01	8.837e+04
		-9.295e+04	-1.357e+05	-9.51e-03		255.6	771.36	2731.05	-536.00	-5.449e+04	-1.357e+05	8.732e+04
141	2	7.014e+04	-250.37	0.04	-0.42	0.0	630.88	-2281.63	-405.53	-4.134e+04	-250.37	7.014e+04
		-7.131e+04	-1.039e+05	-7.86e-03		255.6	630.88	2110.91	-405.53	-4.020e+04	-1.039e+05	6.781e+04
141	3	9.223e+04	-2288.72	0.03	-0.53	0.0	1170.96	-3030.29	-489.16	-5.399e+04	-2288.72	9.223e+04
		-1.057e+05	-1.273e+05	-8.29e-03		255.6	1170.96	2656.87	-489.16	-5.311e+04	-1.273e+05	5.958e+04
141	5	6.861e+04	-1.255e+04	0.03	-0.51	0.0	1206.92	-2711.21	-420.77	-4.310e+04	-1.255e+04	6.861e+04
		-1.013e+05	-1.201e+05	-0.01		255.6	1206.92	2589.56	-420.77	-4.213e+04	-1.201e+05	6.729e+04
141	7	7.037e+04	-859.12	0.04	-0.41	0.0	693.98	-2267.12	-389.08	-3.999e+04	-859.12	7.037e+04
		-7.241e+04	-1.003e+05	-7.50e-03		255.6	693.98	2057.68	-389.08	-3.897e+04	-1.003e+05	6.106e+04
141	8	7.717e+04	-3405.39	0.03	-0.40	0.0	989.71	-2354.60	-367.55	-3.932e+04	-3405.39	7.717e+04
		-7.912e+04	-9.733e+04	-6.76e-03		255.6	989.71	1994.65	-367.55	-3.865e+04	-9.733e+04	4.238e+04
141	9	5.938e+04	-9972.46	0.02	-0.39	0.0	994.91	-2130.53	-320.54	-3.216e+04	-9972.46	5.938e+04
		-7.690e+04	-9.189e+04	-8.52e-03		255.6	994.91	1957.05	-320.54	-3.143e+04	-9.189e+04	4.789e+04
141	10	3.618e+04	5518.05	0.03	-0.38	0.0	1129.16	-1638.82	-380.18	-4.631e+04	5518.05	-5.423e+04
		-1.374e+05	-9.164e+04	-3.59e-03		255.6	1129.16	2247.99	-380.18	-4.564e+04	-9.164e+04	3.618e+04
141	11	1.945e+05	-7413.59	0.03	-0.41	0.0	442.09	-2786.47	-354.70	-3.327e+04	-7413.59	1.945e+05
		-2.163e+04	-9.806e+04	-7.83e-03		255.6	442.09	1630.33	-354.70	-3.270e+04	-9.806e+04	5.915e+04
141	16	3.195e+04	-5196.49	0.03	-0.39	0.0	1760.37	-1744.32	-420.71	-4.833e+04	-5196.49	-3.950e+04
		-1.328e+05	-1.127e+05	-4.03e-03		255.6	1760.37	2206.05	-420.71	-4.789e+04	-1.127e+05	3.195e+04
141	17	1.869e+05	3026.12	0.03	-0.41	0.0	-186.47	-2713.20	-322.04	-3.180e+04	3026.12	1.869e+05
		-1.998e+04	-7.927e+04	-7.38e-03		255.6	-186.47	1653.57	-322.04	-3.103e+04	-7.927e+04	6.396e+04
141	22	7161.84	4.993e+04	0.02	-0.36	0.0	29.18	-1547.93	-221.86	-3.787e+04	4.993e+04	-3.095e+04
		-1.187e+05	-6764.48	-0.02		255.6	29.18	1765.10	-221.86	-3.474e+04	-6764.48	7161.84
141	23	1.653e+05	-5.492e+04	0.03	-0.44	0.0	1613.75	-2878.73	-445.44	-3.273e+04	-5.492e+04	1.653e+05
		-3.820e+04	-1.688e+05	3.18e-03		255.6	1613.75	2115.10	-445.44	-3.436e+04	-1.688e+05	8.192e+04
141	42	7.089e+04	-2346.79	0.03	-0.40	0.0	845.81	-2231.64	-346.22	-3.622e+04	-2346.79	7.089e+04
		-7.529e+04	-9.082e+04	-6.51e-03		255.6	845.81	1925.70	-346.22	-3.551e+04	-9.082e+04	4.406e+04
141	43	7.089e+04	-2346.79	0.03	-0.40	0.0	845.81	-2231.64	-346.22	-3.622e+04	-2346.79	7.089e+04
		-7.529e+04	-9.082e+04	-6.51e-03		255.6	845.81	1925.70	-346.22	-3.551e+04	-9.082e+04	4.406e+04
141	44	7.089e+04	-2346.79	0.03	-0.40	0.0	845.81	-2231.64	-346.22	-3.622e+04	-2346.79	7.089e+04
		-7.529e+04	-9.082e+04	-6.51e-03		255.6	845.81	1925.70	-346.22	-3.551e+04	-9.082e+04	4.406e+04
142	3	2.242e+05	1.162e+04	0.02	-0.49	0.0	1501.02	-1527.04	-43.93	-2.829e+04	1.162e+04	-8.796e+04
		-1.432e+05	5.78	-5.45e-03		264.4	1501.02	3816.69	-43.93	-2.743e+04	5.78	2.242e+05
142	4	1.826e+05	1.080e+04	-0.01	-0.38	0.0	1166.20	-1224.16	-52.33	-2.317e+04	1.080e+04	-5.666e+04
		-1.019e+05	-3044.35	-3.38e-03		264.4	1166.19	2981.56	-52.33	-2.258e+04	-3044.35	1.826e+05
142	5	1.264e+05	1.592e+04	4.87e-03	-0.48	0.0	2022.54	-1434.74	-82.87	-3.392e+04	1.592e+04	-1.732e+05
		-2.253e+05	-5992.93	-4.99e-03		264.4	2022.53	3684.31	-82.87	-3.299e+04	-5992.93	1.264e+05
142	6	8.445e+04	1.477e+04	1.03e-03	-0.37	0.0	1677.08	-1131.22	-88.23	-2.852e+04	1.477e+04	-1.422e+05
		-1.843e+05	-8559.84	-3.02e-03		264.4	1677.08	2847.70	-88.23	-2.786e+04	-8559.84	8.445e+04
142	8	1.740e+05	1.091e+04	0.02	-0.38	0.0	1188.79	-1176.56	-53.28	-2.321e+04	1.091e+04	-6.340e+04
		-1.062e+05	-3178.87	-3.44e-03		264.4	1188.79	2917.80	-53.28	-2.259e+04	-3178.87	1.740e+05
142	9	1.080e+05	1.332e+04	5.28e-03	-0.37	0.0	1529.98	-1112.98	-74.80	-2.661e+04	1.332e+04	-1.208e+05
		-1.615e+05	-6464.71	-3.29e-03		264.4	1529.98	2826.19	-74.80	-2.592e+04	-6464.71	1.080e+05
142	16	8.052e+04	1.216e+04	0.02	-0.36	0.0	2425.25	-1046.52	47.46	-1.418e+04	-394.57	-1.257e+05
		-1.636e+05	-394.57	-5.82e-03		264.4	2425.25	2526.60	47.46	-1.348e+04	1.216e+04	8.052e+04
142	17	2.325e+05	1.954e+04	7.98e-03	-0.38	0.0	-174.02	-1136.13	-134.27	-2.769e+04	1.954e+04	-2.085e+04
		-6.100e+04	-1.597e+04	-9.36e-04		264.4	-174.02	3024.78	-134.27	-2.730e+04	-1.597e+04	2.325e+05
142	22	1.404e+05	6.230e+04	-0.01	-0.34	0.0	1021.55	-692.89	295.26	-2.007e+04	-1.578e+04	-8.748e+04
		-1.070e+05	-1.578e+04	-0.02		264.4	1021.55	2371.94	295.26	-1.632e+04	6.230e+04	1.404e+05
142	23	1.752e+05	3.628e+04	0.02	-0.41	0.0	1306.43	-1497.83	-390.83	-2.443e+04	3.628e+04	-5.269e+04
		-1.143e+05	-6.707e+04	0.02		264.4	1306.42	3153.73	-390.83	-2.678e+04	-6.707e+04	1.752e+05
142	42	1.580e+05	1.042e+04	0.02	-0.37	0.0	1181.86	-1095.74	-49.89	-2.215e+04	1.042e+04	-7.051e+04
		-1.098e+05	-2773.36	-3.44e-03		264.4	1181.85	2768.06	-49.89	-2.150e+04	-2773.36	1.580e+05
142	43	1.580e+05	1.042e+04	0.02	-0.37	0.0	1181.86	-1095.74	-49.89	-2.215e+04	1.042e+04	-7.051e+04
		-1.098e+05	-2773.36	-3.44e-03		264.4	1181.85	2768.06	-49.89	-2.150e+04	-2773.36	1.580e+05
142	44	1.580e+05	1.042e+04	0.02	-0.37	0.0	1181.86	-1095.74	-49.89	-2.215e+04	1.042e+04	-7.051e+04
		-1.098e+05	-2773.36	-3.44e-03		264.4	1181.85	2768.06	-49.89	-2.150e+04	-2773.36	1.580e+05
143	1	1.818e+05	3324.34	0.03	-0.46	0.0	1086.68	-3248.14	-157.96	-2.594e+04	3324.34	1.818e+05
		-1.216e+05	-4.643e+04	-9.74e-03		315.0	1086.68	1983.63	-157.96	-2.473e+04	-4.643e+04	3294.85
143	3	2.289e+05	966.45	0.02	-0.47	0.0	883.41	-3691.66	-132.98	-2.260e+04	966.45	2.289e+05
		-1.298e+05	-4.092e+04	-7.30e-03		315.0	883.41	2107.38	-132.98	-2.183e+04	-4.092e+04	-4316.86
143	4	1.876e+05	-2165.21	0.02	-0.37	0.0	703.29	-2938.24	-109.60	-1.769e+04	-2165.21	1.876e+05
		-1.001e+05	-3.669e+04	-5.05e-03		315.0	703.29	1649.67	-109.60	-1.720e+04	-3.669e+04	-3108.67
143	5	1.084e+05	-4817.53	1.30e-03	-0.47	0.0	1367.63	-3350.09	-160.91	-2.639e+04	-4817.53	1.084e+05
		-1.843e+05	-5.550e+04	-7.64e-03		315.0	1367.63	2682.00	-160.91	-2.558e+04	-5.550e+04	3274.04
143	7	1.454e+05	168.97	0.02	-0.35	0.0	843.56	-2527.70	-125.03	-2.006e+04	168.97	1.454e+05
		-9.230e+04	-3.922e+04	-6.87e-03		315.0	843.56	1523.12	-125.03	-1.918e+04	-3.922e+04	2729.31

143	8	1.779e+05	-2289.08	0.02	-0.36	0.0	724.22	-2831.25	-112.50	-1.784e+04	-2289.08	1.779e+05
		-9.759e+04	-3.773e+04	-5.16e-03		315.0	724.22	1610.06	-112.50	-1.731e+04	-3.773e+04	-1882.05
143	9	9.668e+04	-5470.65	2.60e-03	-0.36	0.0	1037.41	-2598.99	-128.42	-2.026e+04	-5470.65	9.668e+04
		-1.339e+05	-4.592e+04	-5.47e-03		315.0	1037.41	1991.36	-128.42	-1.968e+04	-4.592e+04	2771.21
143	12	9.009e+04	1.694e+04	0.02	-0.34	0.0	986.51	-2243.55	-8.84	-1.273e+04	1.694e+04	9.009e+04
		-1.146e+05	1.415e+04	-6.16e-03		315.0	986.51	1445.32	-8.84	-1.189e+04	1.415e+04	-2.071e+04
143	16	8.621e+04	1.208e+04	0.02	-0.34	0.0	1162.52	-2218.46	-23.76	-1.366e+04	1.208e+04	8.621e+04
		-1.143e+05	4593.18	-5.59e-03		315.0	1162.52	1457.50	-23.76	-1.297e+04	4593.18	-1.811e+04
143	17	2.302e+05	-1.420e+04	0.01	-0.37	0.0	211.83	-3055.11	-184.79	-1.845e+04	-1.420e+04	2.302e+05
		-7.661e+04	-7.241e+04	-4.17e-03		315.0	211.83	1639.57	-184.79	-1.822e+04	-7.241e+04	1.570e+04
143	22	1.474e+05	6.064e+04	0.02	-0.33	0.0	310.98	-2247.07	-53.47	-3.533e+04	6.064e+04	1.474e+05
		-8.592e+04	4.380e+04	-0.02		315.0	310.98	1049.23	-53.47	-3.114e+04	4.380e+04	-3.103e+04
143	23	1.726e+05	-6.373e+04	0.02	-0.39	0.0	1118.52	-3007.66	-164.87	263.42	-6.373e+04	1.726e+05
		-1.016e+05	-1.157e+05	0.01		315.0	1118.52	2001.56	-164.87	-2662.16	-1.157e+05	2.923e+04
143	42	1.602e+05	-1911.37	0.02	-0.35	0.0	726.79	-2632.30	-110.44	-1.726e+04	-1911.37	1.602e+05
		-9.327e+04	-3.670e+04	-5.10e-03		315.0	726.79	1529.51	-110.44	-1.668e+04	-3.670e+04	-878.98
143	43	1.602e+05	-1911.37	0.02	-0.35	0.0	726.79	-2632.30	-110.44	-1.726e+04	-1911.37	1.602e+05
		-9.327e+04	-3.670e+04	-5.10e-03		315.0	726.79	1529.51	-110.44	-1.668e+04	-3.670e+04	-878.98
143	44	1.602e+05	-1911.37	0.02	-0.35	0.0	726.79	-2632.30	-110.44	-1.726e+04	-1911.37	1.602e+05
		-9.327e+04	-3.670e+04	-5.10e-03		315.0	726.79	1529.51	-110.44	-1.668e+04	-3.670e+04	-878.98
144	1	2.333e+04	4.715e+04	0.02	-0.44	0.0	92.16	-1785.43	353.00	2875.43	-3.757e+04	-2.254e+04
		-1.175e+05	-3.757e+04	-0.01		240.0	92.16	2102.07	353.00	1946.30	4.715e+04	2.333e+04
144	4	1.355e+04	3.719e+04	8.38e-03	-0.36	0.0	69.96	-1608.83	277.96	612.72	-2.952e+04	-1.168e+04
		-1.011e+05	-2.952e+04	-6.14e-03		240.0	69.96	1792.34	277.96	88.27	3.719e+04	1.355e+04
144	5	1.617e+04	5.630e+04	0.01	-0.48	0.0	168.67	-2228.51	429.54	2057.44	-4.679e+04	-2.246e+04
		-1.455e+05	-4.679e+04	-9.30e-03		240.0	168.67	2506.53	429.54	2190.58	5.630e+04	1.617e+04
144	7	1.759e+04	3.977e+04	0.01	-0.34	0.0	71.20	-1383.70	300.12	3277.82	-3.226e+04	-1.690e+04
		-9.075e+04	-3.226e+04	-7.62e-03		240.0	71.20	1623.41	300.12	2576.27	3.977e+04	1.759e+04
144	8	1.388e+04	3.823e+04	9.03e-03	-0.35	0.0	70.49	-1550.64	286.55	1415.77	-3.055e+04	-1.234e+04
		-9.811e+04	-3.055e+04	-6.29e-03		240.0	70.49	1740.29	286.55	870.38	3.823e+04	1.388e+04
144	9	1.260e+04	4.653e+04	9.75e-03	-0.37	0.0	122.14	-1679.41	356.61	2784.54	-3.906e+04	-1.661e+04
		-1.094e+05	-3.906e+04	-7.07e-03		240.0	122.14	1891.74	356.61	2793.32	4.653e+04	1.260e+04
144	16	1.071e+04	9802.40	0.01	-0.32	0.0	63.57	-1277.38	-58.64	-1.388e+04	9802.40	-1.108e+04
		-8.132e+04	-4271.17	-3.84e-03		240.0	63.57	1420.31	-58.64	-1.450e+04	-4271.17	1.071e+04
144	17	1.360e+04	7.293e+04	3.70e-03	-0.36	0.0	79.24	-1646.24	567.18	1.612e+04	-6.319e+04	-1.147e+04
		-1.036e+05	-6.319e+04	-7.82e-03		240.0	79.24	1843.33	567.18	1.570e+04	7.293e+04	1.360e+04
144	22	5.117e+04	4.914e+04	0.07	-0.37	0.0	68.21	-1217.10	-384.22	-2.361e+04	4.914e+04	-5.197e+04
		-1.010e+05	-4.307e+04	-0.01		240.0	68.21	1844.76	-384.22	-2.396e+04	-4.307e+04	5.117e+04
144	23	2.554e+04	1.159e+05	0.05	-0.37	0.0	75.00	-1676.51	927.03	2.767e+04	-1.066e+05	2.554e+04
		-9.421e+04	-1.066e+05	2.31e-04		240.0	75.00	1434.92	927.03	2.691e+04	1.159e+05	-2.299e+04
144	42	1.365e+04	3.718e+04	9.73e-03	-0.34	0.0	71.49	-1447.77	277.72	2080.56	-2.948e+04	-1.274e+04
		-9.235e+04	-2.948e+04	-6.18e-03		240.0	71.49	1636.57	277.72	1528.59	3.718e+04	1.365e+04
144	43	1.365e+04	3.718e+04	9.73e-03	-0.34	0.0	71.49	-1447.77	277.72	2080.56	-2.948e+04	-1.274e+04
		-9.235e+04	-2.948e+04	-6.18e-03		240.0	71.49	1636.57	277.72	1528.59	3.718e+04	1.365e+04
144	44	1.365e+04	3.718e+04	9.73e-03	-0.34	0.0	71.49	-1447.77	277.72	2080.56	-2.948e+04	-1.274e+04
		-9.235e+04	-2.948e+04	-6.18e-03		240.0	71.49	1636.57	277.72	1528.59	3.718e+04	1.365e+04
145	1	1.333e+05	-2226.04	-0.03	-0.48	0.0	132.53	-3366.16	-109.91	-1.938e+04	-2226.04	1.333e+05
		-1.629e+05	-3.685e+04	-0.01		315.0	132.53	2397.40	-109.91	-1.802e+04	-3.685e+04	2411.98
145	3	1.912e+05	-4636.73	-0.02	-0.49	0.0	63.92	-3718.91	-84.11	-1.531e+04	-4636.73	1.912e+05
		-1.522e+05	-3.113e+04	-8.30e-03		315.0	63.92	2414.33	-84.11	-1.438e+04	-3.113e+04	2244.90
145	4	1.551e+05	-6472.47	-0.02	-0.38	0.0	-15.65	-2934.47	-71.59	-1.186e+04	-6472.47	1.551e+05
		-1.183e+05	-2.902e+04	-5.83e-03		315.0	-15.65	1868.90	-71.59	-1.124e+04	-2.902e+04	-99.26
145	5	5.744e+04	-1.000e+04	1.92e-03	-0.49	0.0	266.42	-3366.97	-114.20	-1.772e+04	-1.000e+04	5.744e+04
		-2.205e+05	-4.597e+04	-8.62e-03		315.0	266.42	3023.35	-114.20	-1.673e+04	-4.597e+04	4310.47
145	7	1.060e+05	-4158.94	-0.02	-0.37	0.0	54.15	-2609.30	-87.41	-1.494e+04	-4158.94	1.060e+05
		-1.251e+05	-3.169e+04	-7.63e-03		315.0	54.15	1831.53	-87.41	-1.394e+04	-3.169e+04	45.35
145	8	1.438e+05	-6627.58	-0.02	-0.37	0.0	-13.93	-2838.01	-74.32	-1.219e+04	-6627.58	1.438e+05
		-1.182e+05	-3.004e+04	-5.94e-03		315.0	-13.93	1837.84	-74.32	-1.154e+04	-3.004e+04	-613.86
145	9	5.500e+04	-9521.55	-3.95e-03	-0.37	0.0	138.16	-2603.31	-91.81	-1.372e+04	-9521.55	5.500e+04
		-1.629e+05	-3.844e+04	-6.24e-03		315.0	138.16	2245.09	-91.81	-1.300e+04	-3.844e+04	1238.87
145	13	1.533e+05	-2.581e+04	-0.02	-0.38	0.0	-1131.01	-2962.09	-149.01	-1.324e+04	-2.581e+04	1.533e+05
		-1.275e+05	-7.275e+04	-4.55e-03		315.0	-1131.01	1810.67	-149.01	-1.303e+04	-7.275e+04	-1.550e+04
145	16	9.173e+04	1.040e+04	-0.02	-0.34	0.0	1179.14	-2256.58	-0.23	-9201.80	1.040e+04	9.173e+04
		-1.039e+05	1.033e+04	-6.21e-03		315.0	1179.14	1681.93	-0.23	-8407.61	1.033e+04	1.444e+04
145	17	1.641e+05	-2.133e+04	-0.02	-0.38	0.0	-1123.90	-3023.46	-131.80	-1.245e+04	-2.133e+04	1.641e+05
		-1.252e+05	-6.284e+04	-5.11e-03		315.0	-1123.90	1817.84	-131.80	-1.209e+04	-6.284e+04	-1.416e+04
145	22	1.453e+05	5.646e+04	-0.01	-0.40	0.0	737.37	-2935.95	-20.76	-3.177e+04	5.646e+04	1.453e+05
		-1.182e+05	4.992e+04	-0.02		315.0	737.37	2127.72	-20.76	-2.745e+04	4.992e+04	2.521e+04
145	23	1.086e+05	-6.847e+04	-0.03	-0.35	0.0	-712.69	-2395.58	-120.17	7177.35	-6.847e+04	1.086e+05
		-1.156e+05	-1.063e+05	0.01		315.0	-712.69	1408.39	-120.17	4357.03	-1.063e+05	-2.750e+04
145	42	1.264e+05	-6301.77	-0.02	-0.36	0.0	11.78	-2655.25	-71.96	-1.197e+04	-6301.77	1.264e+05
		-1.160e+05	-2.897e+04	-5.89e-03		315.0	11.78	1760.76	-71.96	-1.129e+04	-2.897e+04	-1255.91
145	43	1.264e+05	-6301.77	-0.02	-0.36	0.0	11.78	-2655.25	-71.96	-1.197e+04	-6301.77	1.264e+05
		-1.160e+05	-2.897e+04	-5.89e-03		315.0	11.78	1760.76	-71.96	-1.129e+04	-2.897e+04	-1255.91
145	44	1.264e+05	-6301.77	-0.02	-0.36	0.0	11.78	-2655.25	-71.96	-1.197e+04	-6301.77	1.264e+05
		-1.160e+05	-2.897e+04	-5.89e-03		315.0	11.78	1760.76	-71.96	-1.129e+04	-2.897e+04	-1255.91
146	3	1.890e+05	7858.85	-0.02	-0.51	0.0	473.94	-1722.83	-45.47	-2.026e+04	7858.85	-1.133e+05

		-1.802e+05	-4164.56	-6.02e-03			264.4	473.94	3930.18	-45.47	-1.933e+04	-4164.56	1.890e+05
146	4	1.522e+05	7539.74	-0.02	-0.40	0.0	285.75	-1372.61	-52.11	-1.683e+04	7539.74	-7.647e+04	
		-1.310e+05	-6241.74	-3.83e-03			264.4	285.75	3042.68	-52.11	-1.619e+04	-6241.74	1.522e+05
146	5	7.808e+04	1.189e+04	-8.53e-03	-0.50	0.0	683.44	-1727.64	-81.91	-2.501e+04	1.189e+04	-1.927e+05	
		-2.637e+05	-9776.06	-5.57e-03			264.4	683.44	3745.97	-81.91	-2.400e+04	-9776.06	7.808e+04
146	6	4.157e+04	1.128e+04	-2.84e-03	-0.38	0.0	503.86	-1373.29	-85.69	-2.132e+04	1.128e+04	-1.566e+05	
		-2.150e+05	-1.137e+04	-3.48e-03			264.4	503.86	2862.64	-85.69	-2.060e+04	-1.137e+04	4.157e+04
146	8	1.417e+05	7691.50	-0.02	-0.39	0.0	287.93	-1361.02	-53.33	-1.699e+04	7691.50	-7.860e+04	
		-1.332e+05	-6410.74	-3.89e-03			264.4	287.93	2964.69	-53.33	-1.632e+04	-6410.74	1.417e+05
146	9	6.820e+04	9970.69	-8.43e-03	-0.38	0.0	449.07	-1355.34	-73.37	-1.982e+04	9970.69	-1.331e+05	
		-1.899e+05	-9431.97	-3.74e-03			264.4	449.07	2848.84	-73.37	-1.908e+04	-9431.97	6.820e+04
146	16	9.090e+04	1.138e+04	-0.02	-0.36	0.0	2330.21	-781.47	50.01	-9876.16	-1848.35	-2.043e+05	
		-2.248e+05	-1848.35	-6.34e-03			264.4	2330.21	2943.57	50.01	-9129.95	1.138e+04	9.090e+04
146	17	1.646e+05	1.515e+04	-0.01	-0.39	0.0	-1697.13	-1733.67	-139.71	-2.009e+04	1.515e+04	3.290e+04	
		-5.482e+04	-2.180e+04	-1.31e-03			264.4	-1697.13	2678.23	-139.71	-1.964e+04	-2.180e+04	1.646e+05
146	22	1.457e+05	5.914e+04	-0.01	-0.41	0.0	1095.95	-1264.37	289.18	-1.619e+04	-1.733e+04	-1.175e+05	
		-1.632e+05	-1.733e+04	-0.02			264.4	1095.95	3216.75	289.18	-1.237e+04	5.914e+04	1.457e+05
146	23	1.066e+05	3.134e+04	-0.03	-0.38	0.0	-485.44	-1386.94	-385.58	-1.645e+04	3.134e+04	-3.919e+04	
		-1.025e+05	-7.063e+04	0.02			264.4	-485.44	2397.24	-385.58	-1.877e+04	-7.063e+04	1.066e+05
146	42	1.255e+05	7255.52	-0.02	-0.38	0.0	310.37	-1312.68	-50.37	-1.617e+04	7255.52	-8.007e+04	
		-1.334e+05	-6063.59	-3.89e-03			264.4	310.37	2802.96	-50.37	-1.547e+04	-6063.59	1.255e+05
146	43	1.255e+05	7255.52	-0.02	-0.38	0.0	310.37	-1312.68	-50.37	-1.617e+04	7255.52	-8.007e+04	
		-1.334e+05	-6063.59	-3.89e-03			264.4	310.37	2802.96	-50.37	-1.547e+04	-6063.59	1.255e+05
146	44	1.255e+05	7255.52	-0.02	-0.38	0.0	310.37	-1312.68	-50.37	-1.617e+04	7255.52	-8.007e+04	
		-1.334e+05	-6063.59	-3.89e-03			264.4	310.37	2802.96	-50.37	-1.547e+04	-6063.59	1.255e+05
147	1	-1.396e+04	1.067e+04	0.07	-0.58	0.0	-2029.14	-3490.99	-472.42	1.077e+05	1.067e+04	-1.396e+04	
		-2.411e+05	-1.101e+05	-0.01			255.6	-2029.14	2860.71	-472.42	1.085e+05	-1.101e+05	-6.279e+04
147	2	1.892e+04	2.023e+04	0.06	-0.45	0.0	-1564.56	-2860.04	-435.46	8.115e+04	2.023e+04	1.892e+04	
		-1.762e+05	-9.105e+04	-9.33e-03			255.6	-1564.56	2110.71	-435.46	8.188e+04	-9.105e+04	-5.164e+04
147	3	-4.291e+04	4.329e+04	0.05	-0.55	0.0	-1786.09	-2894.69	-605.35	1.136e+05	4.329e+04	-1.084e+05	
		-2.732e+05	-1.114e+05	-0.01			255.6	-1786.09	3242.20	-605.35	1.140e+05	-1.114e+05	-4.291e+04
147	4	-3.134e+04	4.986e+04	0.03	-0.42	0.0	-1359.20	-2221.30	-561.74	8.169e+04	4.986e+04	-8.417e+04	
		-2.105e+05	-9.370e+04	-8.13e-03			255.6	-1359.20	2520.61	-561.74	8.191e+04	-9.370e+04	-3.134e+04
147	5	-2.849e+04	1.026e+05	0.05	-0.54	0.0	-2011.79	-2657.39	-924.80	9.409e+04	1.026e+05	-1.114e+05	
		-2.582e+05	-1.337e+05	-0.01			255.6	-2011.79	3149.08	-924.80	9.462e+04	-1.337e+05	-2.849e+04
147	6	-1.701e+04	1.075e+05	0.03	-0.41	0.0	-1580.12	-1983.26	-869.34	6.357e+04	1.075e+05	-8.758e+04	
		-1.958e+05	-1.146e+05	-9.59e-03			255.6	-1580.12	2428.83	-869.34	6.399e+04	-1.146e+05	-1.701e+04
147	7	2055.95	2.708e+04	0.05	-0.44	0.0	-1491.60	-2701.73	-456.79	7.882e+04	2.708e+04	2055.95	
		-1.770e+05	-8.965e+04	-8.92e-03			255.6	-1491.60	2141.50	-456.79	7.944e+04	-8.965e+04	-4.674e+04
147	8	-3.350e+04	4.763e+04	0.04	-0.42	0.0	-1359.40	-2287.23	-547.18	7.798e+04	4.763e+04	-6.441e+04	
		-1.988e+05	-9.220e+04	-8.13e-03			255.6	-1359.40	2406.17	-547.18	7.827e+04	-9.220e+04	-3.350e+04
147	9	-2.366e+04	8.529e+04	0.03	-0.41	0.0	-1501.96	-2117.21	-746.04	6.709e+04	8.529e+04	-6.894e+04	
		-1.901e+05	-1.054e+05	-9.10e-03			255.6	-1501.96	2353.58	-746.04	6.751e+04	-1.054e+05	-2.366e+04
147	16	-1.161e+04	-966.23	0.04	-0.40	0.0	-1031.36	-758.64	-346.04	1.337e+05	-966.23	-3.650e+05	
		-3.811e+05	-8.940e+04	-6.11e-03			255.6	-1031.36	3393.19	-346.04	1.334e+05	-8.940e+04	-1.161e+04
147	17	2.224e+05	5.023e+04	0.04	-0.43	0.0	-1704.94	-3564.60	-501.81	1.934e+04	5.023e+04	2.224e+05	
		-1.015e+05	-7.801e+04	-8.35e-03			255.6	-1704.94	1230.19	-501.81	2.003e+04	-7.801e+04	-5.849e+04
147	19	1.124e+05	9.259e+04	0.05	-0.42	0.0	-2005.64	-3111.74	-1063.73	-9.857e+04	9.259e+04	1.124e+05	
		-1.478e+05	-1.793e+05	2.52e-03			255.6	-2005.64	1346.61	-1063.73	-9.959e+04	-1.793e+05	-9.081e+04
147	22	2.290e+04	1.841e+04	0.03	-0.42	0.0	-480.35	-1688.58	29.58	2.715e+05	1.085e+04	-1.515e+05	
		-2.260e+05	1.085e+04	-0.02			255.6	-480.35	2966.52	29.58	2.734e+05	1.841e+04	2.290e+04
147	23	1.011e+05	8.498e+04	0.05	-0.42	0.0	-2063.02	-3062.74	-1076.30	-1.140e+05	8.498e+04	1.011e+05	
		-1.527e+05	-1.901e+05	2.20e-03			255.6	-2063.02	1360.66	-1076.30	-1.151e+05	-1.901e+05	-9.416e+04
147	42	-3.486e+04	4.226e+04	0.04	-0.42	0.0	-1294.30	-2320.94	-498.92	7.311e+04	4.226e+04	-3.616e+04	
		-1.798e+05	-8.524e+04	-7.80e-03			255.6	-1294.30	2200.79	-498.92	7.346e+04	-8.524e+04	-3.486e+04
147	43	-3.486e+04	4.226e+04	0.04	-0.42	0.0	-1294.30	-2320.94	-498.92	7.311e+04	4.226e+04	-3.616e+04	
		-1.798e+05	-8.524e+04	-7.80e-03			255.6	-1294.30	2200.79	-498.92	7.346e+04	-8.524e+04	-3.486e+04
147	44	-3.486e+04	4.226e+04	0.04	-0.42	0.0	-1294.30	-2320.94	-498.92	7.311e+04	4.226e+04	-3.616e+04	
		-1.798e+05	-8.524e+04	-7.80e-03			255.6	-1294.30	2200.79	-498.92	7.346e+04	-8.524e+04	-3.486e+04
148	1	3.688e+05	-1311.38	-0.08	-0.66	0.0	-800.74	-5555.51	-522.20	-1.580e+05	-1311.38	3.688e+05	
		-1.037e+05	-1.345e+05	-5.40e-03			255.0	-800.74	2333.37	-522.20	-1.570e+05	-1.345e+05	-8176.41
148	5	2.198e+05	4.165e+04	-0.05	-0.59	0.0	140.02	-4559.60	-855.13	-1.407e+05	4.165e+04	2.198e+05	
		-1.511e+05	-1.764e+05	-7.64e-03			255.0	140.02	2262.87	-855.13	-1.400e+05	-1.764e+05	-4.967e+04
148	6	1.437e+05	4.527e+04	-0.04	-0.45	0.0	318.92	-3338.16	-746.09	-1.013e+05	4.527e+04	1.437e+05	
		-1.228e+05	-1.450e+05	-6.98e-03			255.0	318.92	1770.69	-746.09	-1.008e+05	-1.450e+05	-4.000e+04
148	7	2.725e+05	231.39	-0.06	-0.50	0.0	-499.47	-4144.94	-388.36	-1.149e+05	231.39	2.725e+05	
		-7.712e+04	-9.880e+04	-4.71e-03			255.0	-499.47	1801.74	-388.36	-1.141e+05	-9.880e+04	-1963.40
148	9	1.732e+05	3.311e+04	-0.04	-0.46	0.0	143.64	-3493.63	-650.58	-1.016e+05	3.311e+04	1.732e+05	
		-1.111e+05	-1.328e+05	-6.07e-03			255.0	143.64	1736.91	-650.58	-1.011e+05	-1.328e+05	-3.335e+04
148	16	1.495e+05	2.262e+04	-0.05	-0.45	0.0	1745.11	-4089.40	-546.74	-1.547e+05	2.262e+04	1.495e+05	
		-2.499e+05	-1.168e+05	-6.57e-04			255.0	1745.11	987.69	-546.74	-1.549e+05	-1.168e+05	-2.234e+05
148	17	3.036e+05	-5810.37	-0.04	-0.47	0.0	-2541.86	-3241.63	-322.25	-5.922e+04	-5810.37	3.036e+05	
		7.267e+04	-8.798e+04	-5.46e-03			255.0	-2541.86	2330.18	-322.25	-5.838e+04	-8.798e+04	2.031e+05
148	23	2.390e+05	1.627e+05	-0.05	-0.47	0.0	-544.46	-3310.57	-1650.09	4.719e+04	1.627e+05	2.390e+05	
		-2008.12	-2.581e+05	8.60e-03			255.0	-544.46	2157.96	-1650.09	4.635e+04	-2.581e+05	1.144e+05
148	42	2.227e+05	1.095e+04	-0.04	-0.46	0.0	-148.55	-3709.64	-471.24	-9.875e+04	1.095e+04	2.227e+05	
		-9.116e+04	-1.092e+05	-4.04e-03			255.0	-148.55	1636.87	-471.24	-9.831e+04	-1.092e+05	-2.301e+04

148	43	2.227e+05	1.095e+04	-0.04	-0.46	0.0	-148.55	-3709.64	-471.24	-9.875e+04	1.095e+04	2.227e+05
		-9.116e+04	-1.092e+05	-4.04e-03		255.0	-148.55	1636.87	-471.24	-9.831e+04	-1.092e+05	-2.301e+04
148	44	2.227e+05	1.095e+04	-0.04	-0.46	0.0	-148.55	-3709.64	-471.24	-9.875e+04	1.095e+04	2.227e+05
		-9.116e+04	-1.092e+05	-4.04e-03		255.0	-148.55	1636.87	-471.24	-9.831e+04	-1.092e+05	-2.301e+04
150	1	7.749e+04	1.396e+05	0.03	-0.51	0.0	137.22	-2566.92	1058.69	8.226e+04	-1.145e+05	7.749e+04
		-7.464e+04	-1.145e+05	-0.02		240.0	137.22	2462.47	1058.69	7.978e+04	1.396e+05	7.493e+04
150	3	7.958e+04	1.315e+05	0.02	-0.51	0.0	48.43	-2617.68	1031.14	6.482e+04	-1.159e+05	7.958e+04
		-7.665e+04	-1.159e+05	-0.01		240.0	48.43	2544.02	1031.14	6.327e+04	1.315e+05	7.676e+04
150	5	6.878e+04	1.261e+05	0.02	-0.50	0.0	-151.85	-2407.38	1105.45	6.389e+04	-1.392e+05	5.811e+04
		-8.185e+04	-1.392e+05	-0.02		240.0	-151.85	2436.90	1105.45	6.242e+04	1.261e+05	6.878e+04
150	6	5.086e+04	9.694e+04	0.01	-0.38	0.0	-208.28	-1814.88	901.65	4.693e+04	-1.195e+05	3.484e+04
		-6.869e+04	-1.195e+05	-0.01		240.0	-208.28	1904.13	901.65	4.596e+04	9.694e+04	5.086e+04
150	7	5.564e+04	1.038e+05	0.02	-0.39	0.0	47.29	-1968.25	820.97	6.020e+04	-9.328e+04	5.564e+04
		-6.076e+04	-9.328e+04	-0.01		240.0	47.29	1898.10	820.97	5.843e+04	1.038e+05	5.477e+04
150	8	5.666e+04	1.012e+05	0.01	-0.39	0.0	-8.48	-1978.68	822.39	4.891e+04	-9.612e+04	5.229e+04
		-6.415e+04	-9.612e+04	-0.01		240.0	-8.48	1976.39	822.39	4.776e+04	1.012e+05	5.666e+04
150	9	5.144e+04	9.686e+04	0.01	-0.38	0.0	-135.42	-1844.88	861.12	4.824e+04	-1.098e+05	4.004e+04
		-6.642e+04	-1.098e+05	-0.01		240.0	-135.42	1894.78	861.12	4.714e+04	9.686e+04	5.144e+04
150	10	1.229e+05	9.060e+04	0.01	-0.37	0.0	269.18	-1990.49	577.57	3.817e+04	-4.802e+04	1.229e+05
		-1.110e+04	-4.802e+04	-8.52e-03		240.0	269.18	1493.79	577.57	3.696e+04	9.060e+04	6.739e+04
150	19	4.152e+04	1.664e+05	0.03	-0.41	0.0	-279.55	-1324.85	1481.97	9.199e+04	-1.893e+05	-1.096e+05
		-1.651e+05	-1.893e+05	-5.68e-03		240.0	-279.55	2691.24	1481.97	9.035e+04	1.664e+05	4.152e+04
150	22	2.321e+05	2.277e+04	0.07	-0.39	0.0	243.21	-2580.35	-87.47	2388.98	2.277e+04	2.321e+05
		2.523e+04	1776.99	-0.01		240.0	243.21	939.05	-87.47	1500.72	1776.99	6.025e+04
150	23	4.049e+04	1.809e+05	0.04	-0.41	0.0	-267.09	-1272.62	1592.64	9.465e+04	-2.014e+05	-1.219e+05
		-1.735e+05	-2.014e+05	-6.78e-03		240.0	-267.09	2743.44	1592.64	9.303e+04	1.809e+05	4.049e+04
150	42	5.130e+04	9.445e+04	0.01	-0.38	0.0	5.75	-1895.06	763.91	4.846e+04	-8.888e+04	4.966e+04
		-6.234e+04	-8.888e+04	-0.01		240.0	5.75	1866.56	763.91	4.721e+04	9.445e+04	5.130e+04
150	43	5.130e+04	9.445e+04	0.01	-0.38	0.0	5.75	-1895.06	763.91	4.846e+04	-8.888e+04	4.966e+04
		-6.234e+04	-8.888e+04	-0.01		240.0	5.75	1866.56	763.91	4.721e+04	9.445e+04	5.130e+04
150	44	5.130e+04	9.445e+04	0.01	-0.38	0.0	5.75	-1895.06	763.91	4.846e+04	-8.888e+04	4.966e+04
		-6.234e+04	-8.888e+04	-0.01		240.0	5.75	1866.56	763.91	4.721e+04	9.445e+04	5.130e+04
157	1	1.357e+05	-1.079e+05	-0.01	-0.76	0.0	971.67	2942.23	442.18	3.624e+04	-1.384e+05	-1.640e+05
		-1.640e+05	-1.384e+05	-2.21e-03		68.9	971.67	5761.77	442.18	3.720e+04	-1.079e+05	1.357e+05
157	4	7.011e+04	-6.895e+04	-9.48e-03	-0.51	0.0	507.16	1800.33	285.05	3.460e+04	-8.860e+04	-1.153e+05
		-1.153e+05	-8.860e+04	-1.11e-03		68.9	507.16	3587.95	285.05	3.516e+04	-6.895e+04	7.011e+04
157	6	6.417e+04	-6.149e+04	-8.11e-03	-0.50	0.0	528.48	1733.42	240.41	3.778e+04	-7.806e+04	-1.153e+05
		-1.153e+05	-7.806e+04	-1.23e-03		68.9	528.48	3479.01	240.41	3.830e+04	-6.149e+04	6.417e+04
157	7	9.688e+04	-7.753e+04	-9.17e-03	-0.57	0.0	725.53	2152.81	313.01	2.899e+04	-9.911e+04	-1.231e+05
		-1.231e+05	-9.911e+04	-1.68e-03		68.9	725.53	4237.85	313.01	2.969e+04	-7.753e+04	9.688e+04
157	8	7.193e+04	-6.940e+04	-9.32e-03	-0.51	0.0	528.97	1822.78	289.29	3.404e+04	-8.934e+04	-1.157e+05
		-1.157e+05	-8.934e+04	-1.17e-03		68.9	528.97	3628.56	289.29	3.461e+04	-6.940e+04	7.193e+04
157	9	6.803e+04	-6.443e+04	-8.39e-03	-0.51	0.0	543.19	1780.34	259.39	3.619e+04	-8.232e+04	-1.158e+05
		-1.158e+05	-8.232e+04	-1.25e-03		68.9	543.19	3558.89	259.39	3.673e+04	-6.443e+04	6.803e+04
157	14	7.416e+04	-6.964e+04	-6.24e-03	-0.52	0.0	441.43	1878.23	320.50	3.265e+04	-9.173e+04	-1.189e+05
		-1.189e+05	-9.173e+04	-4.62e-04		68.9	441.43	3727.10	320.50	3.316e+04	-6.964e+04	7.416e+04
157	18	5.801e+04	-5.038e+04	-6.81e-03	-0.52	0.0	596.33	1105.06	194.46	2.659e+04	-6.379e+04	-8.051e+04
		-8.051e+04	-6.379e+04	-1.76e-03		68.9	596.33	2919.41	194.46	2.726e+04	-5.038e+04	5.801e+04
157	21	8.323e+04	-8.487e+04	-0.01	-0.50	0.0	480.15	2480.85	385.49	3.908e+04	-1.115e+05	-1.470e+05
		-1.470e+05	-1.115e+05	-6.44e-04		68.9	480.15	4208.79	385.49	3.950e+04	-8.487e+04	8.323e+04
157	42	7.018e+04	-6.706e+04	-8.80e-03	-0.51	0.0	540.49	1793.36	286.01	3.342e+04	-8.678e+04	-1.143e+05
		-1.143e+05	-8.678e+04	-1.20e-03		68.9	540.49	3566.70	286.01	3.396e+04	-6.706e+04	7.018e+04
157	43	7.018e+04	-6.706e+04	-8.80e-03	-0.51	0.0	540.49	1793.36	286.01	3.342e+04	-8.678e+04	-1.143e+05
		-1.143e+05	-8.678e+04	-1.20e-03		68.9	540.49	3566.70	286.01	3.396e+04	-6.706e+04	7.018e+04
157	44	7.018e+04	-6.706e+04	-8.80e-03	-0.51	0.0	540.49	1793.36	286.01	3.342e+04	-8.678e+04	-1.143e+05
		-1.143e+05	-8.678e+04	-1.20e-03		68.9	540.49	3566.70	286.01	3.396e+04	-6.706e+04	7.018e+04
158	1	1.914e+05	1.384e+05	-0.09	-0.74	0.0	254.61	-6443.36	-813.10	-1.683e+05	1.384e+05	-1.784e+04
		-5.483e+05	-1.643e+05	-4.87e-03		372.3	254.61	7106.03	-813.10	-1.663e+05	-1.643e+05	1.914e+05
158	4	1.684e+05	8.860e+04	-0.05	-0.50	0.0	171.15	-3951.30	-512.68	-1.191e+05	8.860e+04	-2.163e+04
		-3.360e+05	-1.023e+05	-1.36e-03		372.3	171.15	4712.45	-512.68	-1.176e+05	-1.023e+05	1.684e+05
158	5	2.287e+05	1.124e+05	-0.07	-0.66	0.0	222.24	-5211.84	-651.98	-1.577e+05	1.124e+05	-2.969e+04
		-4.431e+05	-1.304e+05	-2.73e-03		372.3	222.24	6262.64	-651.98	-1.561e+05	-1.304e+05	2.287e+05
158	7	1.604e+05	9.911e+04	-0.07	-0.55	0.0	188.35	-4718.16	-581.34	-1.266e+05	9.911e+04	-1.517e+04
		-3.996e+05	-1.173e+05	-4.03e-03		372.3	188.35	5330.68	-581.34	-1.251e+05	-1.173e+05	1.604e+05
158	8	1.686e+05	8.934e+04	-0.05	-0.50	0.0	164.64	-3999.52	-518.42	-1.195e+05	8.934e+04	-2.104e+04
		-3.398e+05	-1.036e+05	-1.70e-03		372.3	164.64	4755.60	-518.42	-1.179e+05	-1.036e+05	1.686e+05
158	9	1.841e+05	8.232e+04	-0.05	-0.50	0.0	166.03	-3901.41	-477.37	-1.198e+05	8.232e+04	-2.316e+04
		-3.302e+05	-9.539e+04	-2.47e-03		372.3	166.03	4766.96	-477.37	-1.185e+05	-9.539e+04	1.841e+05
158	13	1.722e+05	9.773e+04	-0.06	-0.49	0.0	112.33	-3737.52	-580.48	-1.120e+05	9.773e+04	-2.024e+04
		-3.138e+05	-1.184e+05	-3.91e-03		372.3	112.33	4489.98	-580.48	-1.099e+05	-1.184e+05	1.722e+05
158	19	-2.302e+04	1.098e+05	-0.03	-0.49	0.0	162.81	-4832.35	-642.82	-1.510e+05	1.098e+05	-2.302e+04
		-5.072e+05	-1.295e+05	2.26e-03		372.3	162.81	3855.11	-642.82	-1.495e+05	-1.295e+05	-1.800e+05
158	21	-2.261e+04	1.114e+05	-0.03	-0.49	0.0	162.71	-4844.41	-653.57	-1.510e+05	1.114e+05	-2.261e+04
		-5.111e+05	-1.319e+05	2.44e-03		372.3	162.71	3809.09	-653.57	-1.494e+05	-1.319e+05	-1.900e+05
158	24	5.273e+05	6.446e+04	-0.07	-0.51	0.0	120.72	-3032.97	-371.16	-8.484e+04	6.446e+04	-1.808e+04
		-1.980e+05	-7.370e+04	-6.05e-03		372.3	120.72	5597.59	-371.16	-8.357e+04	-7.370e+04	5.273e+05
158	42	1.688e+05	8.678e+04	-0.05	-0.50	0.0	142.75	-3932.01	-505.31	-1.180e+05	8.678e+04	-2.056e+04

		-3.338e+05	-1.013e+05	-1.98e-03		372.3	142.75	4701.67	-505.31	-1.167e+05	-1.013e+05	1.688e+05
158	43	1.688e+05	8.678e+04	-0.05	-0.50	0.0	142.75	-3932.01	-505.31	-1.180e+05	8.678e+04	-2.056e+04
		-3.338e+05	-1.013e+05	-1.98e-03		372.3	142.75	4701.67	-505.31	-1.167e+05	-1.013e+05	1.688e+05
158	44	1.688e+05	8.678e+04	-0.05	-0.50	0.0	142.75	-3932.01	-505.31	-1.180e+05	8.678e+04	-2.056e+04
		-3.338e+05	-1.013e+05	-1.98e-03		372.3	142.75	4701.67	-505.31	-1.167e+05	-1.013e+05	1.688e+05
159	1	1.988e+05	5.262e+04	0.03	-0.64	0.0	-507.79	-868.16	-365.68	-3.286e+05	5.262e+04	-4.188e+04
		-5.330e+04	-3150.75	-4.32e-03		152.5	-507.79	3958.68	-365.68	-3.290e+05	-3150.75	1.988e+05
159	3	1.855e+05	5.855e+04	0.03	-0.59	0.0	-466.84	-786.03	-407.82	-2.915e+05	5.855e+04	-1.848e+04
		-2.934e+04	-3641.65	-2.41e-03		152.5	-466.84	3409.04	-407.82	-2.917e+05	-3641.65	1.855e+05
159	6	1.589e+05	4.743e+04	0.02	-0.44	0.0	-294.00	-675.38	-318.18	-2.195e+05	4.743e+04	2.141e+04
		1.070e+04	-1094.68	-2.04e-03		152.5	-294.00	2443.43	-318.18	-2.197e+05	-1094.68	1.589e+05
159	7	1.580e+05	4.099e+04	0.02	-0.48	0.0	-366.78	-675.04	-282.67	-2.449e+05	4.099e+04	-1.697e+04
		-2.630e+04	-2117.65	-3.26e-03		152.5	-366.78	2921.70	-282.67	-2.451e+05	-2117.65	1.580e+05
159	8	1.502e+05	4.496e+04	0.02	-0.45	0.0	-340.52	-619.85	-310.64	-2.197e+05	4.496e+04	-128.34
		-9077.14	-2407.05	-1.99e-03		152.5	-340.52	2552.83	-310.64	-2.199e+05	-2407.05	1.502e+05
159	9	1.567e+05	4.484e+04	0.02	-0.44	0.0	-312.09	-656.36	-304.66	-2.210e+05	4.484e+04	1.303e+04
		2985.09	-1620.54	-2.15e-03		152.5	-312.09	2504.65	-304.66	-2.212e+05	-1620.54	1.567e+05
159	16	1.420e+05	5.153e+04	0.02	-0.46	0.0	-357.44	-680.49	-388.12	-2.285e+05	5.153e+04	-1.671e+04
		-2.680e+04	-7663.32	-2.52e-04		152.5	-357.44	2731.75	-388.12	-2.290e+05	-7663.32	1.420e+05
159	18	3.789e+05	4.297e+04	0.04	-0.43	0.0	-213.39	-1644.07	-301.67	-1.483e+05	4.297e+04	3.789e+05
		3.100e+05	-3030.11	-3.27e-03		152.5	-213.39	1211.29	-301.67	-1.483e+05	-3030.11	3.514e+05
159	21	-5.031e+04	3.204e+04	6.20e-04	-0.46	0.0	-463.12	466.53	-226.62	-2.870e+05	3.204e+04	-3.820e+05
		-3.820e+05	-2516.31	-1.09e-03		152.5	-463.12	3882.99	-226.62	-2.872e+05	-2516.31	-5.031e+04
159	24	3.829e+05	4.412e+04	0.04	-0.43	0.0	-216.88	-1670.24	-310.04	-1.499e+05	4.412e+04	3.829e+05
		3.122e+05	-3163.26	-3.23e-03		152.5	-216.88	1205.67	-310.04	-1.500e+05	-3163.26	3.530e+05
159	42	1.519e+05	3.880e+04	0.02	-0.44	0.0	-337.18	-597.78	-272.22	-2.179e+05	3.880e+04	289.89
		-8110.90	-2715.24	-2.15e-03		152.5	-337.18	2550.62	-272.22	-2.181e+05	-2715.24	1.519e+05
159	43	1.519e+05	3.880e+04	0.02	-0.44	0.0	-337.18	-597.78	-272.22	-2.179e+05	3.880e+04	289.89
		-8110.90	-2715.24	-2.15e-03		152.5	-337.18	2550.62	-272.22	-2.181e+05	-2715.24	1.519e+05
159	44	1.519e+05	3.880e+04	0.02	-0.44	0.0	-337.18	-597.78	-272.22	-2.179e+05	3.880e+04	289.89
		-8110.90	-2715.24	-2.15e-03		152.5	-337.18	2550.62	-272.22	-2.181e+05	-2715.24	1.519e+05
160	1	2.501e+05	925.63	0.04	-0.61	0.0	-154.86	-2595.58	-402.22	-3.289e+05	925.63	2.226e+05
		1.102e+05	-7.449e+04	-5.66e-03		187.5	-154.86	2783.07	-402.22	-3.304e+05	-7.449e+04	2.501e+05
160	3	2.239e+05	311.40	0.03	-0.56	0.0	-113.20	-2269.63	-402.04	-2.909e+05	311.40	1.996e+05
		1.012e+05	-7.507e+04	-3.28e-03		187.5	-113.20	2443.97	-402.04	-2.922e+05	-7.507e+04	2.239e+05
160	4	1.678e+05	845.08	0.03	-0.43	0.0	-68.25	-1738.95	-315.02	-2.171e+05	845.08	1.568e+05
		7.950e+04	-5.822e+04	-2.39e-03		187.5	-68.25	1793.43	-315.02	-2.180e+05	-5.822e+04	1.678e+05
160	6	1.684e+05	1885.51	0.02	-0.43	0.0	-47.68	-1784.34	-307.31	-2.164e+05	1885.51	1.663e+05
		8.453e+04	-5.574e+04	-2.66e-03		187.5	-47.68	1748.33	-307.31	-2.175e+05	-5.574e+04	1.684e+05
160	7	1.871e+05	992.24	0.03	-0.46	0.0	-103.79	-1975.12	-303.18	-2.449e+05	992.24	1.735e+05
		8.612e+04	-5.585e+04	-4.25e-03		187.5	-103.79	2042.77	-303.18	-2.461e+05	-5.585e+04	1.871e+05
160	8	1.695e+05	665.18	0.03	-0.43	0.0	-76.07	-1760.63	-303.66	-2.192e+05	665.18	1.589e+05
		8.051e+04	-5.627e+04	-2.66e-03		187.5	-76.07	1810.70	-303.66	-2.202e+05	-5.627e+04	1.695e+05
160	9	1.701e+05	1356.92	0.02	-0.43	0.0	-62.19	-1789.55	-298.86	-2.190e+05	1356.92	1.649e+05
		8.370e+04	-5.468e+04	-2.82e-03		187.5	-62.19	1784.70	-298.86	-2.200e+05	-5.468e+04	1.701e+05
160	16	1.838e+05	-3502.44	0.02	-0.45	0.0	-69.66	-1794.14	-295.63	-2.295e+05	-3502.44	1.467e+05
		7.201e+04	-5.893e+04	-6.65e-04		187.5	-69.66	2139.67	-295.63	-2.309e+05	-5.893e+04	1.838e+05
160	17	1.663e+05	1740.60	0.03	-0.40	0.0	-142.60	-1692.78	-229.56	-2.056e+05	1740.60	1.663e+05
		8.552e+04	-4.130e+04	-4.64e-03		187.5	-142.60	1490.23	-229.56	-2.062e+05	-4.130e+04	1.540e+05
160	21	2.380e+05	-73.91	1.67e-03	-0.47	0.0	-201.92	-699.03	-274.57	-2.899e+05	-73.91	-2.578e+04
		-3.650e+04	-5.156e+04	-1.63e-03		187.5	-201.92	3517.43	-274.57	-2.913e+05	-5.156e+04	2.380e+05
160	24	3.453e+05	-38.56	0.05	-0.39	0.0	24.16	-2807.75	-264.29	-1.470e+05	-38.56	3.453e+05
		1.017e+05	-4.959e+04	-4.16e-03		187.5	24.16	85.02	-264.29	-1.477e+05	-4.959e+04	1.018e+05
160	42	1.697e+05	200.85	0.02	-0.43	0.0	-85.87	-1757.94	-272.20	-2.179e+05	200.85	1.598e+05
		8.126e+04	-5.084e+04	-2.87e-03		187.5	-85.87	1804.26	-272.20	-2.190e+05	-5.084e+04	1.697e+05
160	43	1.697e+05	200.85	0.02	-0.43	0.0	-85.87	-1757.94	-272.20	-2.179e+05	200.85	1.598e+05
		8.126e+04	-5.084e+04	-2.87e-03		187.5	-85.87	1804.26	-272.20	-2.190e+05	-5.084e+04	1.697e+05
160	44	1.697e+05	200.85	0.02	-0.43	0.0	-85.87	-1757.94	-272.20	-2.179e+05	200.85	1.598e+05
		8.126e+04	-5.084e+04	-2.87e-03		187.5	-85.87	1804.26	-272.20	-2.190e+05	-5.084e+04	1.697e+05
161	1	3.099e+05	5.529e+04	0.08	-0.57	0.0	651.94	-7323.71	433.22	2.715e+05	-7.629e+04	3.099e+05
		-7.740e+05	-7.629e+04	-0.01		303.7	651.94	-131.27	433.22	2.760e+05	5.529e+04	-7.740e+05
161	3	2.717e+05	5.750e+04	0.06	-0.53	0.0	605.34	-6548.93	440.54	2.377e+05	-7.631e+04	2.717e+05
		-7.080e+05	-7.631e+04	-0.01		303.7	605.34	-165.10	440.54	2.414e+05	5.750e+04	-7.080e+05
161	6	1.972e+05	4.264e+04	0.05	-0.40	0.0	450.07	-4803.21	325.76	1.768e+05	-5.630e+04	1.972e+05
		-5.078e+05	-5.630e+04	-7.82e-03		303.7	450.07	-57.62	325.76	1.794e+05	4.264e+04	-5.078e+05
161	7	2.303e+05	4.160e+04	0.06	-0.43	0.0	480.43	-5482.30	324.84	2.017e+05	-5.707e+04	2.303e+05
		-5.807e+05	-5.707e+04	-0.01		303.7	480.43	-92.23	324.84	2.050e+05	4.160e+04	-5.807e+05
161	8	2.042e+05	4.302e+04	0.05	-0.41	0.0	452.13	-4961.10	329.42	1.787e+05	-5.704e+04	2.042e+05
		-5.365e+05	-5.704e+04	-7.88e-03		303.7	452.13	-113.32	329.42	1.815e+05	4.302e+04	-5.365e+05
161	9	2.016e+05	4.169e+04	0.05	-0.41	0.0	445.88	-4885.96	319.54	1.790e+05	-5.537e+04	2.016e+05
		-5.189e+05	-5.537e+04	-8.03e-03		303.7	445.88	-73.95	319.54	1.817e+05	4.169e+04	-5.189e+05
161	16	2.122e+05	4.855e+04	0.07	-0.43	0.0	388.94	-5336.37	358.49	1.891e+05	-6.034e+04	2.122e+05
		-5.666e+05	-6.034e+04	-4.83e-03		303.7	388.94	-62.21	358.49	1.916e+05	4.855e+04	-5.666e+05
161	18	1.237e+05	3.696e+04	0.03	-0.35	0.0	297.30	-3411.35	273.20	1.065e+05	-4.602e+04	1.237e+05
		-3.441e+05	-4.602e+04	-9.75e-03		303.7	297.30	216.51	273.20	1.106e+05	3.696e+04	-3.420e+05
161	21	2.864e+05	3.907e+04	0.07	-0.46	0.0	533.97	-6425.96	313.02	2.500e+05	-5.601e+04	2.864e+05
		-7.141e+05	-5.601e+04	-6.14e-03		303.7	533.97	-434.25	313.02	2.513e+05	3.907e+04	-7.141e+05

161	23	2.806e+05	4.000e+04	0.07	-0.46	0.0	533.94	-6432.85	318.24	2.466e+05	-5.666e+04	2.806e+05
		-7.167e+05	-5.666e+04	-6.28e-03		303.7	533.94	-411.04	318.24	2.479e+05	4.000e+04	-7.167e+05
161	42	2.046e+05	3.860e+04	0.05	-0.41	0.0	421.49	-4937.57	297.26	1.783e+05	-5.168e+04	2.046e+05
		-5.303e+05	-5.168e+04	-7.90e-03		303.7	421.49	-105.27	297.26	1.810e+05	3.860e+04	-5.303e+05
161	43	2.046e+05	3.860e+04	0.05	-0.41	0.0	421.49	-4937.57	297.26	1.783e+05	-5.168e+04	2.046e+05
		-5.303e+05	-5.168e+04	-7.90e-03		303.7	421.49	-105.27	297.26	1.810e+05	3.860e+04	-5.303e+05
161	44	2.046e+05	3.860e+04	0.05	-0.41	0.0	421.49	-4937.57	297.26	1.783e+05	-5.168e+04	2.046e+05
		-5.303e+05	-5.168e+04	-7.90e-03		303.7	421.49	-105.27	297.26	1.810e+05	3.860e+04	-5.303e+05
162	1	-1.792e+05	-5.529e+04	0.05	-0.53	0.0	-1221.88	-2131.65	571.26	-7.736e+05	-1.124e+05	-1.792e+05
		-2.764e+05	-1.124e+05	-3.70e-03		100.0	-1221.88	133.89	571.26	-7.739e+05	-5.529e+04	-2.759e+05
162	2	-1.370e+05	-4.250e+04	0.04	-0.42	0.0	-947.45	-1683.08	432.62	-6.002e+05	-8.576e+04	-1.370e+05
		-2.145e+05	-8.576e+04	-3.09e-03		100.0	-947.45	87.10	432.62	-6.005e+05	-4.250e+04	-2.143e+05
162	6	-1.134e+05	-4.264e+04	0.03	-0.37	0.0	-787.92	-1416.08	352.21	-5.075e+05	-7.786e+04	-1.134e+05
		-1.794e+05	-7.786e+04	-1.88e-03		100.0	-787.92	59.21	352.21	-5.077e+05	-4.264e+04	-1.793e+05
162	7	-1.317e+05	-4.160e+04	0.03	-0.41	0.0	-900.35	-1605.04	411.84	-5.804e+05	-8.278e+04	-1.317e+05
		-2.052e+05	-8.278e+04	-2.77e-03		100.0	-900.35	94.16	411.84	-5.807e+05	-4.160e+04	-2.049e+05
162	9	-1.160e+05	-4.169e+04	0.03	-0.38	0.0	-793.99	-1427.04	358.23	-5.186e+05	-7.751e+04	-1.160e+05
		-1.818e+05	-7.751e+04	-1.96e-03		100.0	-793.99	75.56	358.23	-5.188e+05	-4.169e+04	-1.816e+05
162	17	-1.150e+05	-2.755e+04	0.03	-0.37	0.0	-744.53	-1284.32	448.97	-4.947e+05	-7.245e+04	-1.150e+05
		-1.702e+05	-7.245e+04	-2.90e-03		100.0	-744.53	157.41	448.97	-4.947e+05	-2.755e+04	-1.693e+05
162	18	-3.023e+04	-3.696e+04	0.04	-0.35	0.0	-692.29	-1439.59	160.28	-3.418e+05	-5.299e+04	-3.023e+04
		-1.105e+05	-5.299e+04	-2.62e-03		100.0	-692.29	-214.43	160.28	-3.419e+05	-3.696e+04	-1.105e+05
162	19	-2.031e+05	-3.987e+04	0.02	-0.41	0.0	-843.37	-1389.94	531.86	-7.148e+05	-9.306e+04	-2.031e+05
		-2.552e+05	-9.306e+04	-1.36e-03		100.0	-843.37	422.32	531.86	-7.150e+05	-3.987e+04	-2.501e+05
162	21	-2.057e+05	-3.907e+04	0.02	-0.41	0.0	-842.67	-1373.05	538.60	-7.137e+05	-9.293e+04	-2.057e+05
		-2.567e+05	-9.293e+04	-1.36e-03		100.0	-842.67	435.41	538.60	-7.140e+05	-3.907e+04	-2.512e+05
162	42	-1.175e+05	-3.860e+04	0.03	-0.38	0.0	-768.98	-1413.81	354.24	-5.300e+05	-7.403e+04	-1.175e+05
		-1.813e+05	-7.403e+04	-1.97e-03		100.0	-768.98	106.85	354.24	-5.302e+05	-3.860e+04	-1.809e+05
162	43	-1.175e+05	-3.860e+04	0.03	-0.38	0.0	-768.98	-1413.81	354.24	-5.300e+05	-7.403e+04	-1.175e+05
		-1.813e+05	-7.403e+04	-1.97e-03		100.0	-768.98	106.85	354.24	-5.302e+05	-3.860e+04	-1.809e+05
162	44	-1.175e+05	-3.860e+04	0.03	-0.38	0.0	-768.98	-1413.81	354.24	-5.300e+05	-7.403e+04	-1.175e+05
		-1.813e+05	-7.403e+04	-1.97e-03		100.0	-768.98	106.85	354.24	-5.302e+05	-3.860e+04	-1.809e+05
163	1	1.316e+06	-1.384e+04	0.11	-0.65	0.0	-3073.80	-1.096e+04	16.78	1.851e+04	-1.787e+04	1.316e+06
		-4.296e+05	-1.787e+04	-6.29e-03		240.0	-3073.80	-3957.78	16.78	1.864e+04	-1.384e+04	-4.296e+05
163	5	1.122e+06	732.58	0.09	-0.59	0.0	-2581.69	-9380.31	-82.25	1.580e+04	732.58	1.122e+06
		-3.710e+05	-1.901e+04	-3.72e-03		240.0	-2581.69	-3367.99	-82.25	1.583e+04	-1.901e+04	-3.710e+05
163	6	8.449e+05	5344.06	0.07	-0.44	0.0	-1893.89	-7019.39	-89.35	1.157e+04	5344.06	8.449e+05
		-2.745e+05	-1.610e+04	-2.77e-03		240.0	-1893.89	-2532.02	-89.35	1.157e+04	-1.610e+04	-2.745e+05
163	7	9.888e+05	-1.015e+04	0.08	-0.49	0.0	-2247.45	-8201.52	-6.63	1.504e+04	-1.015e+04	9.888e+05
		-3.193e+05	-1.174e+04	-4.74e-03		240.0	-2247.45	-2971.07	-6.63	1.516e+04	-1.174e+04	-3.193e+05
163	9	8.588e+05	1780.39	0.07	-0.45	0.0	-1925.42	-7147.99	-69.20	1.319e+04	1780.39	8.588e+05
		-2.807e+05	-1.483e+04	-2.96e-03		240.0	-1925.42	-2575.34	-69.20	1.325e+04	-1.483e+04	-2.807e+05
163	16	8.801e+05	1.802e+04	0.07	-0.46	0.0	-1810.61	-7379.09	-185.39	2.093e+04	1.802e+04	8.801e+05
		-2.934e+05	-2.647e+04	4.67e-05		240.0	-1810.61	-2618.29	-185.39	2.069e+04	-2.647e+04	-2.934e+05
163	17	8.330e+05	3661.55	0.07	-0.45	0.0	-2015.19	-7000.38	149.75	1.655e+04	-3.228e+04	8.330e+05
		-2.818e+05	-3.228e+04	-5.41e-03		240.0	-2015.19	-2528.62	149.75	1.718e+04	3661.55	-2.818e+05
163	18	9.420e+05	1.614e+04	0.09	-0.43	0.0	-1558.32	-6843.79	-171.05	1.595e+04	1.614e+04	9.420e+05
		-1.709e+05	-2.491e+04	-4.81e-03		240.0	-1558.32	-2707.54	-171.05	1.610e+04	-2.491e+04	-1.709e+05
163	21	7.838e+05	9.64	0.05	-0.47	0.0	-2215.89	-7547.50	104.34	1.580e+04	-2.503e+04	7.838e+05
		-3.979e+05	-2.503e+04	-1.37e-03		240.0	-2215.89	-2477.08	104.34	1.607e+04	9.64	-3.979e+05
163	24	9.479e+05	1.713e+04	0.09	-0.43	0.0	-1570.41	-6881.88	-178.02	1.478e+04	1.713e+04	9.479e+05
		-1.714e+05	-2.560e+04	-4.74e-03		240.0	-1570.41	-2724.64	-178.02	1.490e+04	-2.560e+04	-1.714e+05
163	42	8.626e+05	-3865.88	0.07	-0.45	0.0	-1889.92	-7198.33	-35.35	1.679e+04	-3865.88	8.626e+05
		-2.848e+05	-1.235e+04	-3.03e-03		240.0	-1889.92	-2589.35	-35.35	1.698e+04	-1.235e+04	-2.848e+05
163	43	8.626e+05	-3865.88	0.07	-0.45	0.0	-1889.92	-7198.33	-35.35	1.679e+04	-3865.88	8.626e+05
		-2.848e+05	-1.235e+04	-3.03e-03		240.0	-1889.92	-2589.35	-35.35	1.698e+04	-1.235e+04	-2.848e+05
163	44	8.626e+05	-3865.88	0.07	-0.45	0.0	-1889.92	-7198.33	-35.35	1.679e+04	-3865.88	8.626e+05
		-2.848e+05	-1.235e+04	-3.03e-03		240.0	-1889.92	-2589.35	-35.35	1.698e+04	-1.235e+04	-2.848e+05
164	1	5.847e+04	1.652e+05	0.03	-0.79	0.0	1479.45	-1399.01	-732.47	-1.300e+05	1.652e+05	4.139e+04
		1.939e+04	1.110e+05	-1.92e-03		74.0	1479.45	1834.25	-732.47	-1.297e+05	1.110e+05	5.847e+04
164	2	4.431e+04	1.234e+05	0.02	-0.62	0.0	1121.08	-1093.22	-532.16	-9.982e+04	1.234e+05	3.099e+04
		1.380e+04	8.398e+04	-1.71e-03		74.0	1121.08	1432.73	-532.16	-9.953e+04	8.398e+04	4.431e+04
164	5	6.971e+04	1.353e+05	0.02	-0.70	0.0	1245.03	-1121.73	-630.65	-1.292e+05	1.353e+05	5.089e+04
		3.422e+04	8.860e+04	-1.33e-03		74.0	1245.03	1609.19	-630.65	-1.288e+05	8.860e+04	6.971e+04
164	6	5.575e+04	9.438e+04	0.02	-0.53	0.0	891.71	-816.39	-435.88	-9.924e+04	9.438e+04	4.068e+04
		2.874e+04	6.212e+04	-1.08e-03		74.0	891.71	1208.13	-435.88	-9.897e+04	6.212e+04	5.575e+04
164	7	4.616e+04	1.184e+05	0.02	-0.59	0.0	1076.15	-1027.93	-520.93	-9.803e+04	1.184e+05	3.273e+04
		1.673e+04	7.983e+04	-1.50e-03		74.0	1076.15	1371.83	-520.93	-9.773e+04	7.983e+04	4.616e+04
164	9	5.378e+04	9.905e+04	0.02	-0.54	0.0	923.24	-843.38	-456.74	-9.764e+04	9.905e+04	3.919e+04
		2.672e+04	6.525e+04	-1.08e-03		74.0	923.24	1222.10	-456.74	-9.736e+04	6.525e+04	5.378e+04
164	18	6.169e+04	7.744e+04	0.02	-0.54	0.0	810.64	-611.87	-341.00	-7.371e+04	7.744e+04	3.011e+04
		2.356e+04	5.220e+04	-1.70e-03		74.0	810.64	1446.98	-341.00	-7.348e+04	5.220e+04	6.169e+04
164	21	4.158e+04	1.318e+05	0.01	-0.54	0.0	1097.47	-1095.18	-632.28	-1.100e+05	1.318e+05	4.158e+04
		2.058e+04	8.497e+04	-2.82e-04		74.0	1097.47	989.92	-632.28	-1.096e+05	8.497e+04	3.816e+04
164	24	6.313e+04	7.826e+04	0.02	-0.54	0.0	818.44	-608.22	-346.67	-7.521e+04	7.826e+04	3.083e+04
		2.441e+04	5.261e+04	-1.68e-03		74.0	818.44	1462.57	-346.67	-7.498e+04	5.261e+04	6.313e+04
164	25	4.136e+04	1.295e+05	0.01	-0.54	0.0	1081.27	-1099.78	-619.92	-1.087e+05	1.295e+05	4.136e+04

		2.008e+04	8.361e+04	-3.11e-04		74.0	1081.27	973.56	-619.92	-1.084e+05	8.361e+04	3.715e+04
164	42	5.026e+04	1.035e+05	0.02	-0.54	0.0	946.90	-856.17	-480.40	-9.230e+04	1.035e+05	3.641e+04
		2.359e+04	6.799e+04	-9.80e-04		74.0	946.90	1214.91	-480.40	-9.201e+04	6.799e+04	5.026e+04
164	43	5.026e+04	1.035e+05	0.02	-0.54	0.0	946.90	-856.17	-480.40	-9.230e+04	1.035e+05	3.641e+04
		2.359e+04	6.799e+04	-9.80e-04		74.0	946.90	1214.91	-480.40	-9.201e+04	6.799e+04	5.026e+04
164	44	5.026e+04	1.035e+05	0.02	-0.54	0.0	946.90	-856.17	-480.40	-9.230e+04	1.035e+05	3.641e+04
		2.359e+04	6.799e+04	-9.80e-04		74.0	946.90	1214.91	-480.40	-9.201e+04	6.799e+04	5.026e+04
165	1	7.632e+05	2.542e+05	8.82e-03	-0.67	0.0	677.20	-2033.63	1546.16	2.563e+05	-2.155e+05	-1.490e+05
		-2.114e+05	-2.155e+05	-0.01		303.7	677.20	8080.29	1546.16	2.604e+05	2.542e+05	7.632e+05
165	6	4.883e+05	1.602e+05	3.36e-03	-0.45	0.0	146.55	-1324.79	974.46	1.748e+05	-1.357e+05	-8.797e+04
		-1.291e+05	-1.357e+05	-8.11e-03		303.7	146.55	5135.84	974.46	1.772e+05	1.602e+05	4.883e+05
165	7	5.562e+05	1.855e+05	7.11e-03	-0.50	0.0	454.58	-1564.34	1127.84	1.917e+05	-1.571e+05	-1.079e+05
		-1.572e+05	-1.571e+05	-0.01		303.7	454.58	5969.27	1127.84	1.947e+05	1.855e+05	5.562e+05
165	9	4.849e+05	1.634e+05	4.73e-03	-0.46	0.0	209.92	-1383.40	994.55	1.759e+05	-1.387e+05	-8.921e+04
		-1.332e+05	-1.387e+05	-8.32e-03		303.7	209.92	5185.28	994.55	1.783e+05	1.634e+05	4.849e+05
165	16	4.509e+05	1.710e+05	6.10e-03	-0.47	0.0	-39.70	-1668.69	1062.23	1.817e+05	-1.516e+05	-9.345e+04
		-1.541e+05	-1.516e+05	-5.10e-03		303.7	-39.70	5231.23	1062.23	1.840e+05	1.710e+05	4.509e+05
165	17	4.711e+05	1.643e+05	0.02	-0.46	0.0	749.84	-1270.13	992.50	1.648e+05	-1.372e+05	-8.374e+04
		-1.238e+05	-1.372e+05	-0.01		303.7	749.84	5012.72	992.50	1.675e+05	1.643e+05	4.711e+05
165	21	5.154e+05	1.945e+05	0.01	-0.47	0.0	567.59	-1213.55	1184.58	2.229e+05	-1.653e+05	-1.632e+05
		-1.958e+05	-1.653e+05	-6.44e-03		303.7	567.59	5726.92	1184.58	2.244e+05	1.945e+05	5.154e+05
165	42	4.516e+05	1.624e+05	7.47e-03	-0.46	0.0	299.05	-1495.31	991.68	1.738e+05	-1.388e+05	-8.750e+04
		-1.394e+05	-1.388e+05	-8.18e-03		303.7	299.05	5077.89	991.68	1.762e+05	1.624e+05	4.516e+05
165	43	4.516e+05	1.624e+05	7.47e-03	-0.46	0.0	299.05	-1495.31	991.68	1.738e+05	-1.388e+05	-8.750e+04
		-1.394e+05	-1.388e+05	-8.18e-03		303.7	299.05	5077.89	991.68	1.762e+05	1.624e+05	4.516e+05
165	44	4.516e+05	1.624e+05	7.47e-03	-0.46	0.0	299.05	-1495.31	991.68	1.738e+05	-1.388e+05	-8.750e+04
		-1.394e+05	-1.388e+05	-8.18e-03		303.7	299.05	5077.89	991.68	1.762e+05	1.624e+05	4.516e+05
166	1	3.237e+05	9.857e+04	0.04	-0.59	0.0	518.64	-1822.50	-446.65	-2.505e+05	9.857e+04	-7.923e+05
		-8.597e+05	-7.016e+04	-6.03e-03		377.8	518.64	7967.44	-446.65	-2.449e+05	-7.016e+04	3.237e+05
166	6	2.230e+05	6.176e+04	0.03	-0.40	0.0	322.48	-1113.71	-282.32	-1.612e+05	6.176e+04	-5.191e+05
		-5.581e+05	-4.489e+04	-1.92e-03		377.8	322.48	5179.90	-282.32	-1.578e+05	-4.489e+04	2.230e+05
166	7	2.434e+05	7.104e+04	0.04	-0.45	0.0	377.10	-1363.36	-321.63	-1.877e+05	7.104e+04	-5.957e+05
		-6.460e+05	-5.046e+04	-4.68e-03		377.8	377.10	5989.39	-321.63	-1.836e+05	-5.046e+04	2.434e+05
166	9	2.243e+05	6.268e+04	0.03	-0.41	0.0	328.96	-1146.03	-285.92	-1.648e+05	6.268e+04	-5.319e+05
		-5.724e+05	-4.533e+04	-2.20e-03		377.8	328.96	5301.99	-285.92	-1.614e+05	-4.533e+04	2.243e+05
166	18	1.760e+05	2.808e+04	0.03	-0.38	0.0	163.61	-1265.26	-119.27	-1.407e+05	2.808e+04	-3.580e+05
		-4.160e+05	-1.698e+04	-6.87e-03		377.8	163.61	4226.25	-119.27	-1.359e+05	-1.698e+04	1.760e+05
166	21	2.634e+05	9.294e+04	0.05	-0.46	0.0	482.80	-1102.17	-429.37	-1.922e+05	9.294e+04	-7.299e+05
		-7.608e+05	-6.927e+04	1.82e-03		377.8	482.80	6598.96	-429.37	-1.902e+05	-6.927e+04	2.634e+05
166	23	2.703e+05	9.159e+04	0.04	-0.46	0.0	468.51	-1064.32	-423.64	-1.962e+05	9.159e+04	-7.377e+05
		-7.667e+05	-6.845e+04	1.63e-03		377.8	468.51	6634.86	-423.64	-1.944e+05	-6.845e+04	2.703e+05
166	42	2.218e+05	6.168e+04	0.03	-0.42	0.0	327.50	-1173.30	-280.34	-1.674e+05	6.168e+04	-5.471e+05
		-5.890e+05	-4.423e+04	-2.36e-03		377.8	327.50	5426.79	-280.34	-1.640e+05	-4.423e+04	2.218e+05
166	43	2.218e+05	6.168e+04	0.03	-0.42	0.0	327.50	-1173.30	-280.34	-1.674e+05	6.168e+04	-5.471e+05
		-5.890e+05	-4.423e+04	-2.36e-03		377.8	327.50	5426.79	-280.34	-1.640e+05	-4.423e+04	2.218e+05
166	44	2.218e+05	6.168e+04	0.03	-0.42	0.0	327.50	-1173.30	-280.34	-1.674e+05	6.168e+04	-5.471e+05
		-5.890e+05	-4.423e+04	-2.36e-03		377.8	327.50	5426.79	-280.34	-1.640e+05	-4.423e+04	2.218e+05
167	1	9.192e+05	1.336e+05	1.12e-03	-0.67	0.0	1691.56	-6897.13	-1096.72	-1.842e+05	1.336e+05	9.192e+05
		4.941e+05	5.070e+04	-1.23e-03		75.6	1691.56	-4356.54	-1096.72	-1.829e+05	5.070e+04	4.941e+05
167	4	5.773e+05	9.504e+04	5.62e-04	-0.46	0.0	747.65	-4494.75	-720.05	-1.326e+05	9.504e+04	5.773e+05
		3.010e+05	4.063e+04	-3.22e-04		75.6	747.65	-2819.28	-720.05	-1.318e+05	4.063e+04	3.010e+05
167	6	5.923e+05	8.947e+04	1.31e-03	-0.45	0.0	665.61	-4412.86	-678.47	-1.189e+05	8.947e+04	5.923e+05
		3.199e+05	3.821e+04	-5.00e-04		75.6	665.61	-2798.77	-678.47	-1.181e+05	3.821e+04	3.199e+05
167	7	6.733e+05	9.804e+04	6.16e-04	-0.50	0.0	1185.84	-5092.31	-801.65	-1.376e+05	9.804e+04	6.733e+05
		3.602e+05	3.747e+04	-9.62e-04		75.6	1185.84	-3197.46	-801.65	-1.367e+05	3.747e+04	3.602e+05
167	8	5.817e+05	9.280e+04	-3.55e-04	-0.46	0.0	817.98	-4514.82	-714.99	-1.311e+05	9.280e+04	5.817e+05
		3.043e+05	3.878e+04	-4.23e-04		75.6	817.98	-2827.64	-714.99	-1.303e+05	3.878e+04	3.043e+05
167	9	5.916e+05	8.919e+04	9.24e-04	-0.46	0.0	761.04	-4460.23	-687.60	-1.219e+05	8.919e+04	5.916e+05
		3.169e+05	3.724e+04	-5.36e-04		75.6	761.04	-2813.77	-687.60	-1.211e+05	3.724e+04	3.169e+05
167	16	5.522e+05	7.579e+04	3.27e-03	-0.47	0.0	420.78	-4393.45	-583.16	-1.309e+05	7.579e+04	5.522e+05
		2.842e+05	3.173e+04	2.30e-04		75.6	420.78	-2703.49	-583.16	-1.301e+05	3.173e+04	2.842e+05
167	17	5.960e+05	9.184e+04	3.19e-03	-0.46	0.0	1503.06	-4508.42	-759.58	-1.250e+05	9.184e+04	5.960e+05
		3.172e+05	3.445e+04	-1.05e-03		75.6	1503.06	-2870.71	-759.58	-1.242e+05	3.445e+04	3.172e+05
167	18	4.726e+05	5.612e+04	-2.20e-04	-0.44	0.0	561.18	-3683.72	-503.71	-8.206e+04	5.612e+04	4.726e+05
		2.530e+05	1.807e+04	-1.35e-03		75.6	561.18	-2127.90	-503.71	-8.107e+04	1.807e+04	2.530e+05
167	19	6.489e+05	1.103e+05	-2.98e-04	-0.47	0.0	1197.76	-5053.94	-823.35	-1.661e+05	1.103e+05	6.489e+05
		3.336e+05	4.810e+04	2.26e-04		75.6	1197.76	-3292.12	-823.35	-1.656e+05	4.810e+04	3.336e+05
167	21	6.520e+05	1.102e+05	5.03e-04	-0.47	0.0	1248.14	-5062.18	-826.70	-1.648e+05	1.102e+05	6.520e+05
		3.361e+05	4.774e+04	2.43e-04		75.6	1248.14	-3300.60	-826.70	-1.642e+05	4.774e+04	3.361e+05
167	22	4.827e+05	5.625e+04	-1.89e-04	-0.45	0.0	607.42	-3722.24	-508.51	-7.978e+04	5.625e+04	4.827e+05
		2.605e+05	1.783e+04	-1.30e-03		75.6	607.42	-2159.24	-508.51	-7.878e+04	1.783e+04	2.605e+05
167	42	5.616e+05	8.478e+04	-2.18e-04	-0.46	0.0	877.39	-4377.20	-670.41	-1.245e+05	8.478e+04	5.616e+05
		2.935e+05	3.413e+04	-5.32e-04		75.6	877.39	-2718.04	-670.41	-1.237e+05	3.413e+04	2.935e+05
167	43	5.616e+05	8.478e+04	-2.18e-04	-0.46	0.0	877.39	-4377.20	-670.41	-1.245e+05	8.478e+04	5.616e+05
		2.935e+05	3.413e+04	-5.32e-04		75.6	877.39	-2718.04	-670.41	-1.237e+05	3.413e+04	2.935e+05
167	44	5.616e+05	8.478e+04	-2.18e-04	-0.46	0.0	877.39	-4377.20	-670.41	-1.245e+05	8.478e+04	5.616e+05
		2.935e+05	3.413e+04	-5.32e-04		75.6	877.39	-2718.04	-670.41	-1.237e+05	3.413e+04	2.935e+05

168	1	-1.583e+05	-6552.55	-0.02	-0.63	0.0	549.52	-1024.17	496.66	3.038e+05	-4.629e+04	-1.788e+05
		-1.949e+05	-4.629e+04	-2.19e-03		80.0	549.52	1516.13	496.66	3.038e+05	-6552.55	-1.583e+05
168	2	-1.228e+05	-4367.06	-0.01	-0.49	0.0	444.62	-808.54	370.70	2.367e+05	-3.402e+04	-1.382e+05
		-1.511e+05	-3.402e+04	-1.89e-03		80.0	444.62	1178.27	370.70	2.367e+05	-4367.06	-1.228e+05
168	3	-1.445e+05	-1.036e+04	-0.01	-0.59	0.0	416.67	-830.59	458.79	2.760e+05	-4.706e+04	-1.699e+05
		-1.818e+05	-4.706e+04	-1.12e-03		80.0	416.67	1449.21	458.79	2.761e+05	-1.036e+04	-1.445e+05
168	6	-9.993e+04	-7883.09	-0.01	-0.43	0.0	289.53	-608.01	299.52	1.948e+05	-3.184e+04	-1.157e+05
		-1.248e+05	-3.184e+04	-9.32e-04		80.0	289.53	991.74	299.52	1.948e+05	-7883.09	-9.993e+04
168	7	-1.177e+05	-4848.10	-0.01	-0.48	0.0	412.80	-759.81	353.70	2.271e+05	-3.314e+04	-1.336e+05
		-1.455e+05	-3.314e+04	-1.64e-03		80.0	412.80	1143.96	353.70	2.271e+05	-4848.10	-1.177e+05
168	8	-1.085e+05	-7610.16	-0.01	-0.45	0.0	320.01	-628.94	334.13	2.085e+05	-3.434e+04	-1.278e+05
		-1.368e+05	-3.434e+04	-9.28e-04		80.0	320.01	1100.77	334.13	2.086e+05	-7610.16	-1.085e+05
168	9	-1.025e+05	-7192.10	-0.01	-0.44	0.0	309.41	-626.13	306.24	1.992e+05	-3.169e+04	-1.187e+05
		-1.280e+05	-3.169e+04	-1.01e-03		80.0	309.41	1019.61	306.24	1.992e+05	-7192.10	-1.025e+05
168	21	-1.379e+05	-1.194e+04	-2.53e-03	-0.46	0.0	215.54	-607.48	537.84	2.464e+05	-5.497e+04	-1.629e+05
		-1.708e+05	-5.497e+04	-4.83e-04		80.0	215.54	1229.57	537.84	2.465e+05	-1.194e+04	-1.379e+05
168	22	-6.896e+04	1490.91	-0.02	-0.43	0.0	476.88	-713.67	56.83	1.550e+05	-3055.15	-7.520e+04
		-8.788e+04	-3055.15	-1.63e-03		80.0	476.88	849.27	56.83	1.551e+05	1490.91	-6.896e+04
168	23	-1.390e+05	-1.230e+04	-1.85e-03	-0.46	0.0	207.44	-564.37	528.26	2.490e+05	-5.456e+04	-1.669e+05
		-1.739e+05	-5.456e+04	-5.05e-04		80.0	207.44	1258.98	528.26	2.491e+05	-1.230e+04	-1.390e+05
168	42	-1.041e+05	-5907.00	-0.01	-0.44	0.0	333.12	-636.38	304.56	2.021e+05	-3.027e+04	-1.213e+05
		-1.307e+05	-3.027e+04	-1.05e-03		80.0	333.12	1055.42	304.56	2.022e+05	-5907.00	-1.041e+05
168	43	-1.041e+05	-5907.00	-0.01	-0.44	0.0	333.12	-636.38	304.56	2.021e+05	-3.027e+04	-1.213e+05
		-1.307e+05	-3.027e+04	-1.05e-03		80.0	333.12	1055.42	304.56	2.022e+05	-5907.00	-1.041e+05
168	44	-1.041e+05	-5907.00	-0.01	-0.44	0.0	333.12	-636.38	304.56	2.021e+05	-3.027e+04	-1.213e+05
		-1.307e+05	-3.027e+04	-1.05e-03		80.0	333.12	1055.42	304.56	2.022e+05	-5907.00	-1.041e+05
175	1	2.597e+05	-6.356e+04	-0.01	-0.77	0.0	1103.33	363.43	643.60	3.720e+04	-1.079e+05	1.356e+05
		1.356e+05	-1.079e+05	-3.04e-03		68.9	1103.33	3248.77	643.60	3.818e+04	-6.356e+04	2.597e+05
175	6	1.453e+05	-3.665e+04	-7.98e-03	-0.51	0.0	621.93	286.52	360.29	3.830e+04	-6.149e+04	6.414e+04
		6.414e+04	-6.149e+04	-1.70e-03		68.9	621.93	2076.68	360.29	3.884e+04	-3.665e+04	1.453e+05
175	7	1.888e+05	-4.591e+04	-8.95e-03	-0.58	0.0	817.77	269.94	458.58	2.969e+04	-7.753e+04	9.682e+04
		9.682e+04	-7.753e+04	-2.28e-03		68.9	817.77	2405.20	458.58	3.040e+04	-4.591e+04	1.888e+05
175	9	1.501e+05	-3.806e+04	-8.24e-03	-0.52	0.0	639.60	282.06	382.47	3.674e+04	-6.443e+04	6.799e+04
		6.799e+04	-6.443e+04	-1.75e-03		68.9	639.60	2106.68	382.47	3.730e+04	-3.806e+04	1.501e+05
175	14	1.574e+05	-3.865e+04	-6.08e-03	-0.53	0.0	566.15	269.42	449.39	3.317e+04	-6.964e+04	7.410e+04
		7.410e+04	-6.964e+04	-1.00e-03		68.9	566.15	2152.46	449.39	3.370e+04	-3.865e+04	1.574e+05
175	15	1.488e+05	-4.243e+04	-0.01	-0.51	0.0	673.37	263.15	445.52	3.340e+04	-7.315e+04	6.936e+04
		6.936e+04	-7.315e+04	-2.24e-03		68.9	673.37	2050.26	445.52	3.401e+04	-4.243e+04	1.488e+05
175	18	1.148e+05	-3.041e+04	-6.69e-03	-0.52	0.0	645.32	-98.08	289.74	2.726e+04	-5.038e+04	5.793e+04
		5.775e+04	-5.038e+04	-2.14e-03		68.9	645.32	1753.66	289.74	2.795e+04	-3.041e+04	1.148e+05
175	21	1.878e+05	-4.781e+04	-0.01	-0.51	0.0	632.79	627.10	537.52	3.951e+04	-8.487e+04	8.325e+04
		8.325e+04	-8.487e+04	-1.30e-03		68.9	632.79	2415.71	537.52	3.995e+04	-4.781e+04	1.878e+05
175	24	1.149e+05	-3.063e+04	-6.68e-03	-0.53	0.0	644.21	-97.14	293.36	2.797e+04	-5.086e+04	5.760e+04
		5.743e+04	-5.086e+04	-2.14e-03		68.9	644.21	1766.28	293.36	2.866e+04	-3.063e+04	1.149e+05
175	42	1.511e+05	-3.886e+04	-8.65e-03	-0.52	0.0	639.88	267.32	408.93	3.396e+04	-6.706e+04	7.015e+04
		7.015e+04	-6.706e+04	-1.71e-03		68.9	639.88	2088.98	408.93	3.452e+04	-3.886e+04	1.511e+05
175	43	1.511e+05	-3.886e+04	-8.65e-03	-0.52	0.0	639.88	267.32	408.93	3.396e+04	-6.706e+04	7.015e+04
		7.015e+04	-6.706e+04	-1.71e-03		68.9	639.88	2088.98	408.93	3.452e+04	-3.886e+04	1.511e+05
175	44	1.511e+05	-3.886e+04	-8.65e-03	-0.52	0.0	639.88	267.32	408.93	3.396e+04	-6.706e+04	7.015e+04
		7.015e+04	-6.706e+04	-1.71e-03		68.9	639.88	2088.98	408.93	3.452e+04	-3.886e+04	1.511e+05
176	1	1.301e+05	1.110e+05	0.03	-0.76	0.0	279.87	-577.13	-780.23	-1.297e+05	1.110e+05	5.806e+04
		5.414e+04	5.325e+04	-9.21e-04		74.0	279.87	2498.49	-780.23	-1.294e+05	5.325e+04	1.301e+05
176	2	1.022e+05	8.398e+04	0.02	-0.59	0.0	196.74	-425.98	-576.56	-9.953e+04	8.398e+04	4.399e+04
		4.128e+04	4.131e+04	-9.51e-04		74.0	196.74	1977.32	-576.56	-9.930e+04	4.131e+04	1.022e+05
176	6	9.993e+04	6.212e+04	-0.02	-0.51	0.0	164.57	-373.36	-437.01	-9.897e+04	6.212e+04	5.550e+04
		5.289e+04	2.978e+04	-5.11e-04		74.0	164.57	1558.60	-437.01	-9.877e+04	2.978e+04	9.993e+04
176	7	1.003e+05	7.982e+04	0.02	-0.57	0.0	200.96	-416.99	-555.81	-9.773e+04	7.982e+04	4.586e+04
		4.311e+04	3.869e+04	-7.77e-04		74.0	200.96	1867.83	-555.81	-9.750e+04	3.869e+04	1.003e+05
176	9	9.877e+04	6.525e+04	-0.02	-0.52	0.0	179.51	-381.91	-462.77	-9.736e+04	6.525e+04	5.353e+04
		5.085e+04	3.101e+04	-4.83e-04		74.0	179.51	1588.68	-462.77	-9.715e+04	3.101e+04	9.877e+04
176	14	9.743e+04	6.749e+04	-0.02	-0.52	0.0	288.45	-369.18	-553.03	-9.247e+04	6.749e+04	5.038e+04
		4.791e+04	2.657e+04	5.40e-04		74.0	288.45	1625.60	-553.03	-9.235e+04	2.657e+04	9.743e+04
176	18	1.350e+05	5.220e+04	-0.02	-0.52	0.0	240.48	11.02	-361.62	-7.348e+04	5.220e+04	6.140e+04
		6.140e+04	2.544e+04	-1.22e-03		74.0	240.48	1958.51	-361.62	-7.329e+04	2.544e+04	1.350e+05
176	21	5.651e+04	8.497e+04	-0.01	-0.52	0.0	192.79	-759.51	-636.21	-1.096e+05	8.497e+04	3.795e+04
		2.747e+04	3.789e+04	5.15e-04		74.0	192.79	1248.02	-636.21	-1.093e+05	3.789e+04	5.651e+04
176	23	5.549e+04	8.228e+04	-0.01	-0.52	0.0	175.11	-762.83	-611.43	-1.086e+05	8.228e+04	3.760e+04
		2.696e+04	3.703e+04	4.07e-04		74.0	175.11	1233.70	-611.43	-1.083e+05	3.703e+04	5.549e+04
176	24	1.371e+05	5.261e+04	-0.02	-0.52	0.0	245.48	14.58	-365.70	-7.498e+04	5.261e+04	6.284e+04
		6.284e+04	2.555e+04	-1.21e-03		74.0	245.48	1973.29	-365.70	-7.479e+04	2.555e+04	1.371e+05
176	25	5.478e+04	8.361e+04	-0.01	-0.52	0.0	183.37	-763.99	-623.94	-1.084e+05	8.361e+04	3.695e+04
		2.629e+04	3.744e+04	4.64e-04		74.0	183.37	1232.97	-623.94	-1.081e+05	3.744e+04	5.478e+04
176	42	9.567e+04	6.799e+04	-0.02	-0.52	0.0	209.02	-379.34	-491.92	-9.201e+04	6.799e+04	5.001e+04
		4.737e+04	3.158e+04	-3.64e-04		74.0	209.02	1597.68	-491.92	-9.177e+04	3.158e+04	9.567e+04
176	43	9.567e+04	6.799e+04	-0.02	-0.52	0.0	209.02	-379.34	-491.92	-9.201e+04	6.799e+04	5.001e+04
		4.737e+04	3.158e+04	-3.64e-04		74.0	209.02	1597.68	-491.92	-9.177e+04	3.158e+04	9.567e+04
176	44	9.567e+04	6.799e+04	-0.02	-0.52	0.0	209.02	-379.34	-491.92	-9.201e+04	6.799e+04	5.001e+04

		4.737e+04	3.158e+04	-3.64e-04		74.0	209.02	1597.68	-491.92	-9.177e+04	3.158e+04	9.567e+04
177	1	4.941e+05	5.070e+04	3.19e-03	-0.66	0.0	1428.53	-5648.22	-791.10	-1.829e+05	5.070e+04	4.941e+05
		1.629e+05	-9066.57	-7.12e-04		75.6	1428.53	-3121.46	-791.10	-1.817e+05	-9066.57	1.629e+05
177	3	4.121e+05	5.203e+04	1.43e-03	-0.61	0.0	956.85	-4934.75	-708.94	-1.732e+05	5.203e+04	4.121e+05
		1.234e+05	-1529.46	9.33e-05		75.6	956.85	-2707.86	-708.94	-1.723e+05	-1529.46	1.234e+05
177	4	3.010e+05	4.063e+04	7.01e-04	-0.46	0.0	629.77	-3671.31	-532.93	-1.318e+05	4.063e+04	3.010e+05
		8.690e+04	368.47	8.57e-05		75.6	629.77	-1996.78	-532.93	-1.311e+05	368.47	8.690e+04
177	6	3.199e+05	3.821e+04	2.66e-03	-0.45	0.0	570.78	-3614.21	-500.60	-1.181e+05	3.821e+04	3.199e+05
		1.074e+05	389.32	-1.17e-04		75.6	570.78	-2012.63	-500.60	-1.174e+05	389.32	1.074e+05
177	7	3.602e+05	3.747e+04	2.13e-03	-0.50	0.0	1007.30	-4168.99	-578.23	-1.367e+05	3.747e+04	3.602e+05
		1.165e+05	-6217.19	-5.80e-04		75.6	1007.30	-2283.01	-578.23	-1.358e+05	-6217.19	1.165e+05
177	8	3.043e+05	3.878e+04	9.26e-04	-0.46	0.0	691.30	-3688.46	-526.10	-1.303e+05	3.878e+04	3.043e+05
		8.934e+04	-968.79	-3.98e-05		75.6	691.30	-2003.54	-526.10	-1.296e+05	-968.79	8.934e+04
177	9	3.169e+05	3.724e+04	2.25e-03	-0.46	0.0	649.94	-3650.10	-504.89	-1.211e+05	3.724e+04	3.169e+05
		1.030e+05	-907.47	-1.61e-04		75.6	649.94	-2013.75	-504.89	-1.204e+05	-907.47	1.030e+05
177	12	2.780e+05	3.237e+04	4.22e-03	-0.46	0.0	433.23	-3525.25	-427.71	-1.273e+05	3.237e+04	2.780e+05
		7.450e+04	53.44	5.31e-04		75.6	433.23	-1865.39	-427.71	-1.266e+05	53.44	7.450e+04
177	16	2.842e+05	3.173e+04	4.46e-03	-0.46	0.0	380.32	-3567.21	-417.18	-1.301e+05	3.173e+04	2.842e+05
		7.780e+04	208.60	5.50e-04		75.6	380.32	-1901.11	-417.18	-1.295e+05	208.60	7.780e+04
177	17	3.172e+05	3.445e+04	1.86e-03	-0.46	0.0	1247.24	-3706.26	-557.73	-1.242e+05	3.445e+04	3.172e+05
		9.950e+04	-7689.97	-7.01e-04		75.6	1247.24	-2053.79	-557.73	-1.234e+05	-7689.97	9.950e+04
177	21	3.361e+05	4.775e+04	9.10e-04	-0.47	0.0	996.78	-4153.14	-627.75	-1.642e+05	4.775e+04	3.361e+05
		8.883e+04	316.67	7.19e-04		75.6	996.78	-2393.39	-627.75	-1.638e+05	316.67	8.883e+04
177	22	2.605e+05	1.783e+04	1.09e-03	-0.45	0.0	585.52	-3024.18	-339.75	-7.877e+04	1.783e+04	2.605e+05
		9.094e+04	-7842.77	-1.12e-03		75.6	585.52	-1464.89	-339.75	-7.782e+04	-7842.77	9.094e+04
177	23	3.271e+05	4.833e+04	1.28e-03	-0.47	0.0	921.58	-4119.54	-623.86	-1.682e+05	4.833e+04	3.271e+05
		8.207e+04	1195.42	6.71e-04		75.6	921.58	-2367.85	-623.86	-1.677e+05	1195.42	8.207e+04
177	42	2.935e+05	3.413e+04	1.23e-03	-0.46	0.0	746.70	-3574.24	-488.78	-1.237e+05	3.413e+04	2.935e+05
		8.603e+04	-2799.28	-1.87e-04		75.6	746.70	-1919.30	-488.78	-1.230e+05	-2799.28	8.603e+04
177	43	2.935e+05	3.413e+04	1.23e-03	-0.46	0.0	746.70	-3574.24	-488.78	-1.237e+05	3.413e+04	2.935e+05
		8.603e+04	-2799.28	-1.87e-04		75.6	746.70	-1919.30	-488.78	-1.230e+05	-2799.28	8.603e+04
177	44	2.935e+05	3.413e+04	1.23e-03	-0.46	0.0	746.70	-3574.24	-488.78	-1.237e+05	3.413e+04	2.935e+05
		8.603e+04	-2799.28	-1.87e-04		75.6	746.70	-1919.30	-488.78	-1.230e+05	-2799.28	8.603e+04
178	1	-3.046e+04	3.162e+04	-0.02	-0.62	0.0	420.11	377.20	477.21	3.038e+05	-6553.51	-1.583e+05
		-1.583e+05	-6553.51	-2.26e-03		80.0	420.11	2800.01	477.21	3.041e+05	3.162e+04	-3.046e+04
178	3	-2.321e+04	2.679e+04	-0.01	-0.58	0.0	350.99	414.47	464.43	2.761e+05	-1.036e+04	-1.446e+05
		-1.446e+05	-1.036e+04	-1.23e-03		80.0	350.99	2604.93	464.43	2.764e+05	2.679e+04	-2.321e+04
178	6	-1.582e+04	1.723e+04	-0.01	-0.42	0.0	247.34	279.33	313.89	1.948e+05	-7883.91	-9.995e+04
		-9.995e+04	-7883.91	-1.01e-03		80.0	247.34	1813.10	313.89	1.949e+05	1.723e+04	-1.582e+04
178	7	-2.207e+04	2.253e+04	-0.01	-0.47	0.0	316.67	279.24	342.27	2.271e+05	-4848.85	-1.177e+05
		-1.177e+05	-4848.85	-1.70e-03		80.0	316.67	2098.05	342.27	2.273e+05	2.253e+04	-2.207e+04
178	8	-1.705e+04	1.952e+04	-0.01	-0.44	0.0	268.23	306.22	339.09	2.086e+05	-7610.95	-1.085e+05
		-1.085e+05	-7610.95	-1.01e-03		80.0	268.23	1970.04	339.09	2.089e+05	1.952e+04	-1.705e+04
178	9	-1.666e+04	1.802e+04	-0.01	-0.43	0.0	257.89	277.89	315.16	1.992e+05	-7192.90	-1.025e+05
		-1.025e+05	-7192.90	-1.08e-03		80.0	257.89	1856.39	315.16	1.993e+05	1.802e+04	-1.666e+04
178	21	-2.611e+04	2.971e+04	-1.89e-03	-0.46	0.0	213.67	484.76	520.60	2.465e+05	-1.194e+04	-1.379e+05
		-1.379e+05	-1.194e+04	-6.12e-04		80.0	213.67	2307.81	520.60	2.468e+05	2.971e+04	-2.611e+04
178	22	-1.010e+04	7236.00	-0.02	-0.41	0.0	334.79	4.91	71.82	1.551e+05	1490.06	-6.898e+04
		-6.898e+04	1490.06	-1.62e-03		80.0	334.79	1447.15	71.82	1.552e+05	7236.00	-1.010e+04
178	23	-2.445e+04	2.891e+04	-1.21e-03	-0.46	0.0	212.70	524.92	515.13	2.491e+05	-1.230e+04	-1.390e+05
		-1.390e+05	-1.230e+04	-6.38e-04		80.0	212.70	2338.65	515.13	2.494e+05	2.891e+04	-2.445e+04
178	24	-9163.59	6796.95	-0.02	-0.41	0.0	334.22	23.68	70.06	1.563e+05	1192.08	-6.935e+04
		-6.935e+04	1192.08	-1.62e-03		80.0	334.22	1461.24	70.06	1.564e+05	6796.95	-9163.59
178	42	-1.707e+04	1.850e+04	-9.89e-03	-0.44	0.0	269.03	268.81	305.08	2.022e+05	-5907.75	-1.041e+05
		-1.041e+05	-5907.75	-1.11e-03		80.0	269.03	1895.87	305.08	2.024e+05	1.850e+04	-1.707e+04
178	43	-1.707e+04	1.850e+04	-9.89e-03	-0.44	0.0	269.03	268.81	305.08	2.022e+05	-5907.75	-1.041e+05
		-1.041e+05	-5907.75	-1.11e-03		80.0	269.03	1895.87	305.08	2.024e+05	1.850e+04	-1.707e+04
178	44	-1.707e+04	1.850e+04	-9.89e-03	-0.44	0.0	269.03	268.81	305.08	2.022e+05	-5907.75	-1.041e+05
		-1.041e+05	-5907.75	-1.11e-03		80.0	269.03	1895.87	305.08	2.024e+05	1.850e+04	-1.707e+04
186	1	2.648e+05	-4143.53	-0.01	-0.78	0.0	1379.07	-1390.43	861.80	3.819e+04	-6.356e+04	2.594e+05
		2.367e+05	-6.356e+04	-3.52e-03		68.9	1379.07	1557.45	861.80	3.918e+04	-4143.53	2.648e+05
186	3	2.236e+05	-1962.83	-0.01	-0.70	0.0	1143.43	-1052.06	776.53	4.536e+04	-5.550e+04	2.091e+05
		1.939e+05	-5.550e+04	-2.61e-03		68.9	1143.43	1484.06	776.53	4.619e+04	-1962.83	2.236e+05
186	6	1.593e+05	-2890.79	-7.55e-03	-0.52	0.0	811.81	-707.99	489.57	3.884e+04	-3.664e+04	1.452e+05
		1.357e+05	-3.664e+04	-1.98e-03		68.9	811.81	1125.05	489.57	3.941e+04	-2890.79	1.593e+05
186	7	1.938e+05	-3390.21	-8.38e-03	-0.58	0.0	1014.03	-1011.33	616.75	3.040e+04	-4.591e+04	1.885e+05
		1.723e+05	-4.591e+04	-2.63e-03		68.9	1014.03	1171.79	616.75	3.112e+04	-3390.21	1.938e+05
186	8	1.659e+05	-1935.21	-8.70e-03	-0.53	0.0	855.41	-784.41	559.05	3.521e+04	-4.048e+04	1.545e+05
		1.433e+05	-4.048e+04	-2.02e-03		68.9	855.41	1121.90	559.05	3.581e+04	-1935.21	1.659e+05
186	9	1.626e+05	-2543.34	-7.80e-03	-0.53	0.0	834.17	-745.97	515.19	3.730e+04	-3.806e+04	1.499e+05
		1.396e+05	-3.806e+04	-2.04e-03		68.9	834.17	1122.97	515.19	3.788e+04	-2543.34	1.626e+05
186	16	1.684e+05	1622.22	-5.33e-03	-0.53	0.0	832.48	-810.77	581.52	3.437e+04	-3.847e+04	1.582e+05
		1.463e+05	-3.847e+04	-1.32e-03		68.9	832.48	1112.77	581.52	3.491e+04	1622.22	1.684e+05
186	18	1.180e+05	-3047.80	-6.36e-03	-0.53	0.0	767.94	-891.35	396.83	2.795e+04	-3.041e+04	1.146e+05
		1.000e+05	-3.041e+04	-2.37e-03		68.9	767.94	996.44	396.83	2.865e+04	-3047.80	1.180e+05
186	21	2.049e+05	225.19	-0.01	-0.52	0.0	910.83	-667.74	696.74	3.995e+04	-4.781e+04	1.876e+05
		1.792e+05	-4.781e+04	-1.66e-03		68.9	910.83	1179.31	696.74	4.041e+04	225.19	2.049e+05

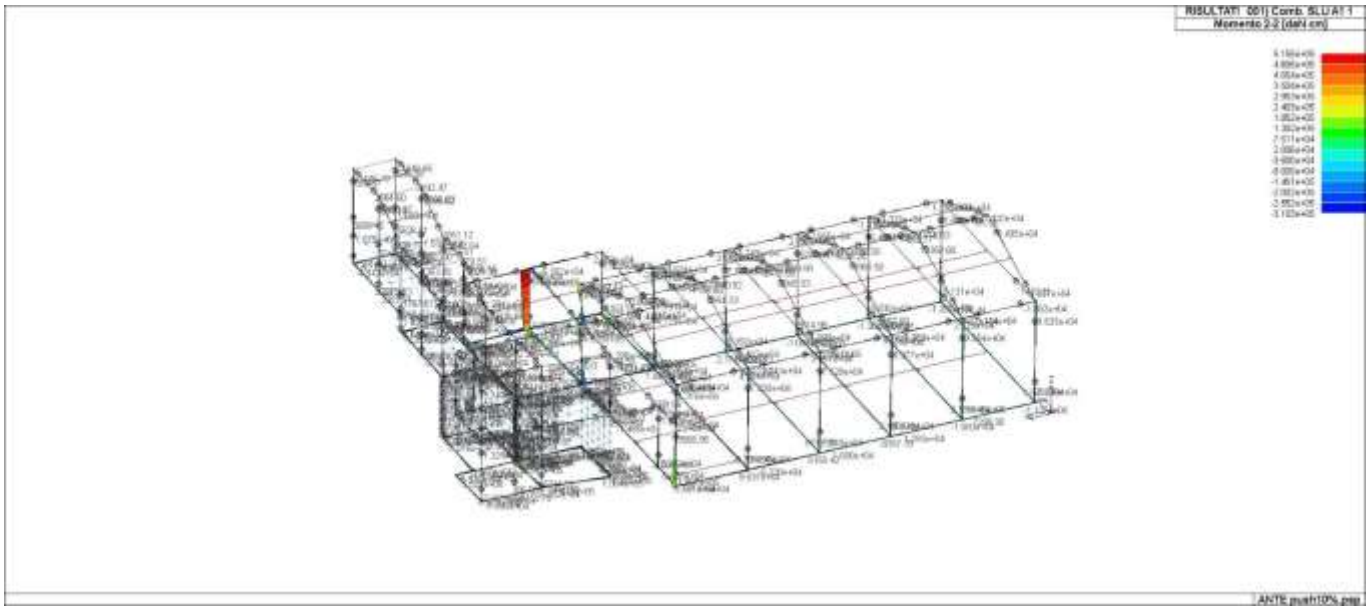
186	42	1.615e+05	-1542.01	-8.20e-03	-0.53	0.0	838.46	-775.84	541.30	3.452e+04	-3.886e+04	1.509e+05
		1.397e+05	-3.886e+04	-2.01e-03		68.9	838.46	1092.34	541.30	3.510e+04	-1542.01	1.615e+05
186	43	1.615e+05	-1542.01	-8.20e-03	-0.53	0.0	838.46	-775.84	541.30	3.452e+04	-3.886e+04	1.509e+05
		1.397e+05	-3.886e+04	-2.01e-03		68.9	838.46	1092.34	541.30	3.510e+04	-1542.01	1.615e+05
186	44	1.615e+05	-1542.01	-8.20e-03	-0.53	0.0	838.46	-775.84	541.30	3.452e+04	-3.886e+04	1.509e+05
		1.397e+05	-3.886e+04	-2.01e-03		68.9	838.46	1092.34	541.30	3.510e+04	-1542.01	1.615e+05
187	1	2.556e+05	5.325e+04	0.03	-0.74	0.0	-1052.92	222.12	-822.53	-1.294e+05	5.325e+04	1.303e+05
		1.303e+05	-7623.21	-4.42e-04		74.0	-1052.92	3138.20	-822.53	-1.291e+05	-7623.21	2.556e+05
187	3	2.179e+05	4.432e+04	0.02	-0.67	0.0	-922.74	21.27	-707.68	-1.238e+05	4.432e+04	1.214e+05
		1.214e+05	-8052.98	1.73e-04		74.0	-922.74	2565.30	-707.68	-1.235e+05	-8052.98	2.179e+05
187	4	1.663e+05	3.241e+04	0.02	-0.51	0.0	-697.45	24.28	-498.47	-9.355e+04	3.241e+04	9.341e+04
		9.341e+04	-4480.65	4.21e-05		74.0	-697.45	1929.07	-498.47	-9.334e+04	-4480.65	1.663e+05
187	6	1.750e+05	2.978e+04	0.02	-0.50	0.0	-648.79	85.78	-435.11	-9.877e+04	2.978e+04	1.000e+05
		1.000e+05	-2420.69	-2.40e-04		74.0	-648.79	1923.54	-435.11	-9.863e+04	-2420.69	1.750e+05
187	7	1.950e+05	3.869e+04	0.02	-0.55	0.0	-769.12	185.08	-586.09	-9.750e+04	3.869e+04	1.004e+05
		1.004e+05	-4677.82	-4.28e-04		74.0	-769.12	2353.46	-586.09	-9.733e+04	-4677.82	1.950e+05
187	8	1.701e+05	3.276e+04	0.02	-0.51	0.0	-683.66	52.50	-508.37	-9.361e+04	3.276e+04	9.456e+04
		9.456e+04	-4856.93	-2.52e-05		74.0	-683.66	1970.98	-508.37	-9.341e+04	-4856.93	1.701e+05
187	9	1.757e+05	3.101e+04	0.02	-0.50	0.0	-651.99	92.30	-465.94	-9.715e+04	3.101e+04	9.889e+04
		9.889e+04	-3475.10	-2.02e-04		74.0	-651.99	1966.42	-465.94	-9.699e+04	-3475.10	1.757e+05
187	16	1.758e+05	2.624e+04	0.02	-0.51	0.0	-520.33	102.40	-505.52	-9.313e+04	2.624e+04	9.702e+04
		9.702e+04	-1.117e+04	7.50e-04		74.0	-520.33	2012.22	-505.52	-9.308e+04	-1.117e+04	1.758e+05
187	17	1.658e+05	3.811e+04	0.02	-0.50	0.0	-675.02	45.21	-590.94	-9.034e+04	3.811e+04	9.254e+04
		9.254e+04	-5625.52	-4.19e-04		74.0	-675.02	1916.93	-590.94	-9.003e+04	-5625.52	1.658e+05
187	22	2.538e+05	2.595e+04	0.02	-0.50	0.0	-389.16	653.30	-391.67	-7.457e+04	2.595e+04	1.365e+05
		1.365e+05	-3035.82	-9.16e-04		74.0	-389.16	2497.55	-391.67	-7.441e+04	-3035.82	2.538e+05
187	23	9.575e+04	3.703e+04	0.01	-0.51	0.0	-827.18	-423.70	-616.56	-1.083e+05	3.703e+04	5.558e+04
		5.225e+04	-8592.42	7.43e-04		74.0	-827.18	1496.24	-616.56	-1.081e+05	-8592.42	9.575e+04
187	24	2.549e+05	2.555e+04	0.02	-0.50	0.0	-390.99	657.59	-377.59	-7.479e+04	2.555e+04	1.372e+05
		1.372e+05	-2396.42	-9.76e-04		74.0	-390.99	2502.03	-377.59	-7.466e+04	-2396.42	2.549e+05
187	25	9.471e+04	3.744e+04	0.01	-0.51	0.0	-825.29	-427.97	-630.70	-1.081e+05	3.744e+04	5.487e+04
		5.147e+04	-9236.41	8.04e-04		74.0	-825.29	1491.78	-630.70	-1.078e+05	-9236.41	9.471e+04
187	42	1.740e+05	3.158e+04	0.02	-0.50	0.0	-615.99	108.13	-501.30	-9.177e+04	3.158e+04	9.579e+04
		9.579e+04	-5515.23	-7.75e-05		74.0	-615.99	1989.58	-501.30	-9.159e+04	-5515.23	1.740e+05
187	43	1.740e+05	3.158e+04	0.02	-0.50	0.0	-615.99	108.13	-501.30	-9.177e+04	3.158e+04	9.579e+04
		9.579e+04	-5515.23	-7.75e-05		74.0	-615.99	1989.58	-501.30	-9.159e+04	-5515.23	1.740e+05
187	44	1.740e+05	3.158e+04	0.02	-0.50	0.0	-615.99	108.13	-501.30	-9.177e+04	3.158e+04	9.579e+04
		9.579e+04	-5515.23	-7.75e-05		74.0	-615.99	1989.58	-501.30	-9.159e+04	-5515.23	1.740e+05
188	1	1.629e+05	-9065.74	3.87e-03	-0.66	0.0	985.23	-4441.52	-481.12	-1.817e+05	-9065.74	1.629e+05
		-7.793e+04	-4.542e+04	-7.61e-04		75.6	985.23	-1936.70	-481.12	-1.807e+05	-4.542e+04	-7.793e+04
188	3	1.234e+05	-1528.71	1.94e-03	-0.61	0.0	640.47	-3869.86	-454.79	-1.723e+05	-1528.71	1.234e+05
		-8.516e+04	-3.589e+04	1.09e-04		75.6	640.47	-1653.68	-454.79	-1.714e+05	-3.589e+04	-8.516e+04
188	6	1.074e+05	389.85	3.11e-03	-0.45	0.0	389.23	-2844.23	-321.99	-1.174e+05	389.85	1.074e+05
		-4.756e+04	-2.394e+04	-9.20e-05		75.6	389.23	-1260.45	-321.99	-1.168e+05	-2.394e+04	-4.756e+04
188	7	1.165e+05	-6216.58	2.61e-03	-0.50	0.0	699.40	-3281.09	-351.26	-1.358e+05	-6216.58	1.165e+05
		-6.062e+04	-3.276e+04	-6.12e-04		75.6	699.40	-1409.88	-351.26	-1.350e+05	-3.276e+04	-6.062e+04
188	8	8.933e+04	-968.23	1.30e-03	-0.46	0.0	466.41	-2895.59	-336.98	-1.296e+05	-968.23	8.933e+04
		-6.601e+04	-2.643e+04	-1.97e-05		75.6	466.41	-1217.79	-336.98	-1.289e+05	-2.643e+04	-6.601e+04
188	9	1.030e+05	-906.93	2.68e-03	-0.45	0.0	445.12	-2870.91	-321.17	-1.204e+05	-906.93	1.030e+05
		-5.260e+04	-2.517e+04	-1.48e-04		75.6	445.12	-1249.87	-321.17	-1.198e+05	-2.517e+04	-5.260e+04
188	13	1.032e+05	-7651.80	1.23e-03	-0.46	0.0	817.48	-2959.32	-342.00	-1.263e+05	-7651.80	1.032e+05
		-5.743e+04	-3.349e+04	-7.33e-04		75.6	817.48	-1291.94	-342.00	-1.257e+05	-3.349e+04	-5.743e+04
188	16	7.776e+04	209.13	4.78e-03	-0.46	0.0	280.75	-2790.50	-254.50	-1.295e+05	209.13	7.776e+04
		-7.102e+04	-1.902e+04	5.72e-04		75.6	280.75	-1152.71	-254.50	-1.289e+05	-1.902e+04	-7.102e+04
188	17	9.951e+04	-7689.42	1.45e-03	-0.46	0.0	839.11	-2918.75	-351.61	-1.234e+05	-7689.42	9.951e+04
		-5.828e+04	-3.425e+04	-7.50e-04		75.6	839.11	-1256.69	-351.61	-1.227e+05	-3.425e+04	-5.828e+04
188	23	8.206e+04	1195.94	1.62e-03	-0.47	0.0	555.12	-3219.24	-432.37	-1.677e+05	1195.94	8.206e+04
		-9.528e+04	-3.147e+04	7.05e-04		75.6	555.12	-1476.77	-432.37	-1.673e+05	-3.147e+04	-9.528e+04
188	42	8.602e+04	-2798.74	1.59e-03	-0.46	0.0	514.81	-2808.03	-305.99	-1.230e+05	-2798.74	8.602e+04
		-6.390e+04	-2.592e+04	-1.91e-04		75.6	514.81	-1161.99	-305.99	-1.223e+05	-2.592e+04	-6.390e+04
188	43	8.602e+04	-2798.74	1.59e-03	-0.46	0.0	514.81	-2808.03	-305.99	-1.230e+05	-2798.74	8.602e+04
		-6.390e+04	-2.592e+04	-1.91e-04		75.6	514.81	-1161.99	-305.99	-1.223e+05	-2.592e+04	-6.390e+04
188	44	8.602e+04	-2798.74	1.59e-03	-0.46	0.0	514.81	-2808.03	-305.99	-1.230e+05	-2798.74	8.602e+04
		-6.390e+04	-2.592e+04	-1.91e-04		75.6	514.81	-1161.99	-305.99	-1.223e+05	-2.592e+04	-6.390e+04
189	1	2.141e+05	6.941e+04	-0.02	-0.60	0.0	358.91	1892.77	472.29	3.041e+05	3.162e+04	-3.044e+04
		-3.044e+04	3.162e+04	-1.93e-03		80.0	358.91	4201.15	472.29	3.045e+05	6.941e+04	2.141e+05
189	6	1.420e+05	4.401e+04	-0.01	-0.41	0.0	224.25	1232.06	334.78	1.949e+05	1.723e+04	-1.581e+04
		-1.581e+04	1.723e+04	-8.28e-04		80.0	224.25	2701.72	334.78	1.952e+05	4.401e+04	1.420e+05
189	7	1.608e+05	4.987e+04	-0.01	-0.46	0.0	266.95	1410.44	341.74	2.273e+05	2.253e+04	-2.205e+04
		-2.205e+04	2.253e+04	-1.46e-03		80.0	266.95	3146.55	341.74	2.277e+05	4.987e+04	1.608e+05
189	9	1.448e+05	4.450e+04	-0.01	-0.42	0.0	229.82	1256.45	331.05	1.993e+05	1.802e+04	-1.665e+04
		-1.665e+04	1.802e+04	-8.90e-04		80.0	229.82	2769.66	331.05	1.996e+05	4.450e+04	1.448e+05
189	21	1.795e+05	7.029e+04	-1.79e-03	-0.46	0.0	255.13	1663.48	507.32	2.468e+05	2.971e+04	-2.609e+04
		-2.609e+04	2.971e+04	-2.98e-04		80.0	255.13	3475.15	507.32	2.473e+05	7.029e+04	1.795e+05
189	22	1.104e+05	1.501e+04	-0.02	-0.39	0.0	210.24	834.29	97.19	1.552e+05	7235.35	-1.009e+04
		-1.009e+04	7235.35	-1.53e-03		80.0	210.24	2157.18	97.19	1.555e+05	1.501e+04	1.104e+05
189	23	1.836e+05	6.939e+04	-1.11e-03	-0.46	0.0	255.99	1696.23	506.11	2.494e+05	2.890e+04	-2.444e+04

		-2.444e+04	2.890e+04	-3.32e-04		80.0	255.99	3502.95	506.11	2.499e+05	6.939e+04	1.836e+05
189	24	1.123e+05	1.466e+04	-0.02	-0.39	0.0	210.86	848.99	98.27	1.564e+05	6796.28	-9149.54
		-9149.54	6796.28	-1.54e-03		80.0	210.86	2168.70	98.27	1.567e+05	1.466e+04	1.123e+05
189	42	1.475e+05	4.352e+04	-9.82e-03	-0.43	0.0	232.62	1269.76	312.73	2.024e+05	1.850e+04	-1.705e+04
		-1.705e+04	1.850e+04	-9.11e-04		80.0	232.62	2834.03	312.73	2.028e+05	4.352e+04	1.475e+05
189	43	1.475e+05	4.352e+04	-9.82e-03	-0.43	0.0	232.62	1269.76	312.73	2.024e+05	1.850e+04	-1.705e+04
		-1.705e+04	1.850e+04	-9.11e-04		80.0	232.62	2834.03	312.73	2.028e+05	4.352e+04	1.475e+05
189	44	1.475e+05	4.352e+04	-9.82e-03	-0.43	0.0	232.62	1269.76	312.73	2.024e+05	1.850e+04	-1.705e+04
		-1.705e+04	1.850e+04	-9.11e-04		80.0	232.62	2834.03	312.73	2.028e+05	4.352e+04	1.475e+05
196	1	2.650e+05	7.166e+04	0.01	-0.79	0.0	1497.79	-2414.32	1099.43	3.919e+04	-4142.51	2.650e+05
		1.979e+05	-4142.51	-3.53e-03		68.9	1497.79	591.52	1099.43	4.021e+04	7.166e+04	2.019e+05
196	2	2.062e+05	5.273e+04	7.78e-03	-0.62	0.0	1150.28	-1899.54	825.18	2.928e+04	-4160.23	2.062e+05
		1.530e+05	-4160.23	-2.89e-03		68.9	1150.28	449.43	825.18	3.008e+04	5.273e+04	1.560e+05
196	6	1.594e+05	4.053e+04	7.05e-03	-0.53	0.0	910.61	-1314.87	629.77	3.941e+04	-2890.20	1.594e+05
		1.274e+05	-2890.20	-1.99e-03		68.9	910.61	558.41	629.77	3.999e+04	4.053e+04	1.331e+05
196	7	1.939e+05	5.104e+04	7.78e-03	-0.59	0.0	1095.14	-1759.91	789.42	3.113e+04	-3389.47	1.939e+05
		1.458e+05	-3389.47	-2.64e-03		68.9	1095.14	467.76	789.42	3.187e+04	5.104e+04	1.491e+05
196	9	1.627e+05	4.290e+04	7.29e-03	-0.53	0.0	935.36	-1370.13	659.15	3.788e+04	-2542.74	1.627e+05
		1.287e+05	-2542.74	-2.04e-03		68.9	935.36	540.41	659.15	3.848e+04	4.290e+04	1.339e+05
196	18	1.182e+05	3.260e+04	6.00e-03	-0.54	0.0	809.57	-1306.30	517.00	2.865e+04	-3047.46	1.182e+05
		8.741e+04	-3047.46	-2.39e-03		68.9	809.57	615.56	517.00	2.937e+04	3.260e+04	9.416e+04
196	21	2.050e+05	5.987e+04	9.65e-03	-0.53	0.0	1084.82	-1510.55	865.13	4.041e+04	226.08	2.050e+05
		1.633e+05	226.08	-1.65e-03		68.9	1084.82	391.46	865.13	4.090e+04	5.987e+04	1.661e+05
196	42	1.617e+05	4.567e+04	7.69e-03	-0.53	0.0	944.44	-1404.91	684.76	3.510e+04	-1541.40	1.617e+05
		1.259e+05	-1541.40	-2.01e-03		68.9	944.44	507.08	684.76	3.570e+04	4.567e+04	1.305e+05
196	43	1.617e+05	4.567e+04	7.69e-03	-0.53	0.0	944.44	-1404.91	684.76	3.510e+04	-1541.40	1.617e+05
		1.259e+05	-1541.40	-2.01e-03		68.9	944.44	507.08	684.76	3.570e+04	4.567e+04	1.305e+05
196	44	1.617e+05	4.567e+04	7.69e-03	-0.53	0.0	944.44	-1404.91	684.76	3.510e+04	-1541.40	1.617e+05
		1.259e+05	-1541.40	-2.01e-03		68.9	944.44	507.08	684.76	3.570e+04	4.567e+04	1.305e+05
197	1	4.489e+05	-7623.57	0.03	-0.71	0.0	-2346.93	1219.76	-862.22	-1.291e+05	-7623.57	2.558e+05
		2.558e+05	-7.143e+04	-5.16e-04		74.0	-2346.93	3972.00	-862.22	-1.290e+05	-7.143e+04	4.489e+05
197	4	2.811e+05	-4480.93	0.02	-0.49	0.0	-1556.83	639.81	-496.94	-9.334e+04	-4480.93	1.664e+05
		1.664e+05	-4.126e+04	2.73e-05		74.0	-1556.83	2442.17	-496.94	-9.318e+04	-4.126e+04	2.811e+05
197	6	2.913e+05	-2421.01	0.02	-0.48	0.0	-1442.36	692.14	-431.80	-9.863e+04	-2421.01	1.751e+05
		1.751e+05	-3.437e+04	-2.62e-04		74.0	-1442.36	2432.62	-431.80	-9.855e+04	-3.437e+04	2.913e+05
197	7	3.410e+05	-4678.10	0.02	-0.53	0.0	-1710.37	936.23	-613.83	-9.733e+04	-4678.10	1.952e+05
		1.952e+05	-5.010e+04	-4.74e-04		74.0	-1710.37	2984.88	-613.83	-9.721e+04	-5.010e+04	3.410e+05
197	8	2.884e+05	-4857.21	0.02	-0.49	0.0	-1537.95	680.81	-511.73	-9.341e+04	-4857.21	1.702e+05
		1.702e+05	-4.273e+04	-6.31e-05		74.0	-1537.95	2496.34	-511.73	-9.326e+04	-4.273e+04	2.884e+05
197	9	2.949e+05	-3475.40	0.02	-0.48	0.0	-1462.84	714.43	-467.91	-9.699e+04	-3475.40	1.758e+05
		1.758e+05	-3.810e+04	-2.34e-04		74.0	-1462.84	2489.00	-467.91	-9.690e+04	-3.810e+04	2.949e+05
197	18	4.214e+05	-2309.59	0.02	-0.48	0.0	-1019.13	1417.90	-382.50	-7.315e+04	-2309.59	2.522e+05
		2.522e+05	-3.062e+04	-1.02e-03		74.0	-1019.13	3133.95	-382.50	-7.305e+04	-3.062e+04	4.214e+05
197	20	3.886e+05	-2194.19	0.02	-0.48	0.0	-1132.63	1240.65	-398.84	-7.841e+04	-2194.19	2.320e+05
		2.320e+05	-3.171e+04	-8.01e-04		74.0	-1132.63	2972.61	-398.84	-7.832e+04	-3.171e+04	3.886e+05
197	21	1.720e+05	-9711.55	0.01	-0.50	0.0	-1806.49	80.37	-655.25	-1.091e+05	-9711.55	9.709e+04
		9.709e+04	-5.820e+04	7.69e-04		74.0	-1806.49	1929.40	-655.25	-1.089e+05	-5.820e+04	1.720e+05
197	24	4.248e+05	-2396.72	0.02	-0.48	0.0	-1024.80	1422.44	-383.69	-7.466e+04	-2396.72	2.550e+05
		2.550e+05	-3.079e+04	-9.98e-04		74.0	-1024.80	3148.11	-383.69	-7.456e+04	-3.079e+04	4.248e+05
197	25	1.692e+05	-9236.64	0.01	-0.50	0.0	-1796.04	78.38	-642.23	-1.078e+05	-9236.64	9.481e+04
		9.481e+04	-5.676e+04	7.18e-04		74.0	-1796.04	1919.35	-642.23	-1.077e+05	-5.676e+04	1.692e+05
197	42	2.956e+05	-5515.50	0.02	-0.49	0.0	-1420.42	742.12	-510.21	-9.159e+04	-5515.50	1.741e+05
		1.741e+05	-4.327e+04	-1.29e-04		74.0	-1420.42	2524.98	-510.21	-9.146e+04	-4.327e+04	2.956e+05
197	43	2.956e+05	-5515.50	0.02	-0.49	0.0	-1420.42	742.12	-510.21	-9.159e+04	-5515.50	1.741e+05
		1.741e+05	-4.327e+04	-1.29e-04		74.0	-1420.42	2524.98	-510.21	-9.146e+04	-4.327e+04	2.956e+05
197	44	2.956e+05	-5515.50	0.02	-0.49	0.0	-1420.42	742.12	-510.21	-9.159e+04	-5515.50	1.741e+05
		1.741e+05	-4.327e+04	-1.29e-04		74.0	-1420.42	2524.98	-510.21	-9.146e+04	-4.327e+04	2.956e+05
198	1	-7.790e+04	-4.542e+04	3.54e-03	-0.65	0.0	488.69	-3299.85	-166.54	-1.807e+05	-4.542e+04	-7.790e+04
		-2.333e+05	-5.800e+04	-1.15e-03		75.6	488.69	-817.85	-166.54	-1.797e+05	-5.800e+04	-2.333e+05
198	6	-4.753e+04	-2.394e+04	2.90e-03	-0.44	0.0	181.21	-2118.62	-142.82	-1.168e+05	-2.394e+04	-4.753e+04
		-1.484e+05	-3.473e+04	-2.97e-04		75.6	181.21	-553.27	-142.82	-1.163e+05	-3.473e+04	-1.484e+05
198	7	-6.060e+04	-3.276e+04	2.35e-03	-0.49	0.0	353.12	-2444.00	-120.60	-1.350e+05	-3.276e+04	-6.060e+04
		-1.751e+05	-4.187e+04	-8.95e-04		75.6	353.12	-588.11	-120.60	-1.343e+05	-4.187e+04	-1.751e+05
198	9	-5.258e+04	-2.517e+04	2.46e-03	-0.45	0.0	212.75	-2137.37	-136.55	-1.198e+05	-2.517e+04	-5.258e+04
		-1.533e+05	-3.549e+04	-3.64e-04		75.6	212.75	-532.15	-136.55	-1.192e+05	-3.549e+04	-1.533e+05
198	17	-5.830e+04	-3.425e+04	1.69e-03	-0.46	0.0	386.94	-2162.44	-140.96	-1.227e+05	-3.425e+04	-5.830e+04
		-1.586e+05	-4.490e+04	-1.05e-03		75.6	386.94	-491.16	-140.96	-1.221e+05	-4.490e+04	-1.586e+05
198	18	-3.497e+04	-1.848e+04	1.40e-03	-0.44	0.0	359.08	-1828.52	17.14	-7.924e+04	-1.977e+04	-3.497e+04
		-1.151e+05	-1.977e+04	-1.37e-03		75.6	359.08	-295.02	17.14	-7.841e+04	-1.848e+04	-1.151e+05
198	21	-9.023e+04	-3.241e+04	9.06e-04	-0.47	0.0	188.55	-2357.09	-242.99	-1.634e+05	-3.241e+04	-9.023e+04
		-2.023e+05	-5.076e+04	4.61e-04		75.6	188.55	-611.34	-242.99	-1.631e+05	-5.076e+04	-2.023e+05
198	22	-3.144e+04	-1.886e+04	1.32e-03	-0.44	0.0	373.96	-1849.30	18.41	-7.692e+04	-2.025e+04	-3.144e+04
		-1.128e+05	-2.025e+04	-1.34e-03		75.6	373.96	-306.66	18.41	-7.607e+04	-1.886e+04	-1.128e+05
198	23	-9.527e+04	-3.147e+04	1.23e-03	-0.47	0.0	160.51	-2334.73	-245.14	-1.673e+05	-3.147e+04	-9.527e+04
		-2.061e+05	-4.999e+04	4.29e-04		75.6	160.51	-601.18	-245.14	-1.671e+05	-4.999e+04	-2.061e+05
198	42	-6.388e+04	-2.592e+04	1.31e-03	-0.45	0.0	255.75	-2089.65	-122.05	-1.223e+05	-2.592e+04	-6.388e+04
		-1.599e+05	-3.514e+04	-4.15e-04		75.6	255.75	-452.65	-122.05	-1.218e+05	-3.514e+04	-1.599e+05

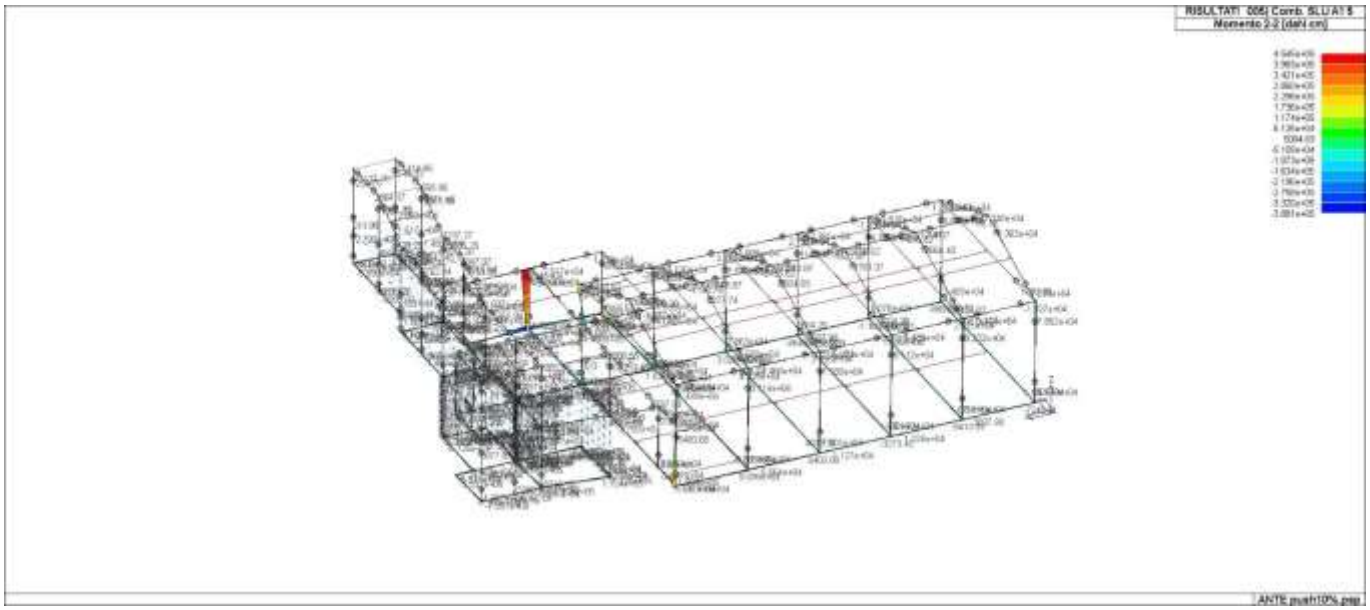
198	43	-6.388e+04	-2.592e+04	1.31e-03	-0.45	0.0	255.75	-2089.65	-122.05	-1.223e+05	-2.592e+04	-6.388e+04
		-1.599e+05	-3.514e+04	-4.15e-04		75.6	255.75	-452.65	-122.05	-1.218e+05	-3.514e+04	-1.599e+05
198	44	-6.388e+04	-2.592e+04	1.31e-03	-0.45	0.0	255.75	-2089.65	-122.05	-1.223e+05	-2.592e+04	-6.388e+04
		-1.599e+05	-3.514e+04	-4.15e-04		75.6	255.75	-452.65	-122.05	-1.218e+05	-3.514e+04	-1.599e+05
204	1	2.024e+05	1.652e+05	9.46e-03	-0.80	0.0	1358.42	-2574.50	1356.54	4.021e+04	7.166e+04	2.024e+05
		1.275e+05	7.166e+04	-2.95e-03		68.9	1358.42	485.19	1356.54	4.125e+04	1.652e+05	1.300e+05
204	4	1.339e+05	1.065e+05	7.94e-03	-0.55	0.0	925.51	-1564.11	867.08	3.698e+04	4.668e+04	1.339e+05
		9.118e+04	4.668e+04	-1.56e-03		68.9	925.51	418.34	867.08	3.762e+04	1.065e+05	9.416e+04
204	6	1.334e+05	9.438e+04	6.63e-03	-0.53	0.0	851.95	-1447.55	780.95	3.999e+04	4.053e+04	1.334e+05
		9.543e+04	4.053e+04	-1.66e-03		68.9	851.95	463.39	780.95	4.060e+04	9.438e+04	9.927e+04
204	7	1.495e+05	1.184e+05	7.31e-03	-0.60	0.0	989.05	-1877.60	976.65	3.187e+04	5.104e+04	1.495e+05
		9.575e+04	5.104e+04	-2.22e-03		68.9	989.05	391.59	976.65	3.263e+04	1.184e+05	9.804e+04
204	8	1.344e+05	1.071e+05	7.76e-03	-0.55	0.0	924.01	-1578.24	871.60	3.644e+04	4.700e+04	1.344e+05
		9.124e+04	4.700e+04	-1.63e-03		68.9	924.01	418.55	871.60	3.709e+04	1.071e+05	9.421e+04
204	9	1.342e+05	9.905e+04	6.87e-03	-0.54	0.0	875.50	-1501.72	814.38	3.848e+04	4.291e+04	1.342e+05
		9.418e+04	4.291e+04	-1.69e-03		68.9	875.50	447.81	814.38	3.910e+04	9.905e+04	9.766e+04
204	18	9.449e+04	7.744e+04	5.71e-03	-0.54	0.0	731.61	-1276.00	650.35	2.937e+04	3.260e+04	9.449e+04
		6.570e+04	3.260e+04	-2.12e-03		68.9	731.61	678.13	650.35	3.010e+04	7.744e+04	7.370e+04
204	21	1.664e+05	1.318e+05	9.11e-03	-0.54	0.0	1057.50	-1789.41	1042.58	4.090e+04	5.988e+04	1.664e+05
		1.096e+05	5.988e+04	-1.16e-03		68.9	1057.50	164.26	1042.58	4.141e+04	1.318e+05	1.100e+05
204	42	1.308e+05	1.035e+05	7.28e-03	-0.54	0.0	890.21	-1530.85	839.28	3.570e+04	4.567e+04	1.308e+05
		8.926e+04	4.567e+04	-1.63e-03		68.9	890.21	422.39	839.28	3.632e+04	1.035e+05	9.233e+04
204	43	1.308e+05	1.035e+05	7.28e-03	-0.54	0.0	890.21	-1530.85	839.28	3.570e+04	4.567e+04	1.308e+05
		8.926e+04	4.567e+04	-1.63e-03		68.9	890.21	422.39	839.28	3.632e+04	1.035e+05	9.233e+04
204	44	1.308e+05	1.035e+05	7.28e-03	-0.54	0.0	890.21	-1530.85	839.28	3.570e+04	4.567e+04	1.308e+05
		8.926e+04	4.567e+04	-1.63e-03		68.9	890.21	422.39	839.28	3.632e+04	1.035e+05	9.233e+04
205	1	7.180e+05	-7.143e+04	0.03	-0.68	0.0	-3399.89	2336.31	-898.87	-1.290e+05	-7.143e+04	4.485e+05
		4.485e+05	-1.379e+05	-1.17e-03		74.0	-3399.89	4916.57	-898.87	-1.289e+05	-1.379e+05	7.180e+05
205	4	4.450e+05	-4.126e+04	0.02	-0.47	0.0	-2258.28	1361.89	-495.45	-9.318e+04	-4.126e+04	2.808e+05
		2.808e+05	-7.792e+04	-3.73e-04		74.0	-2258.28	3056.66	-495.45	-9.309e+04	-7.792e+04	4.450e+05
205	6	4.553e+05	-3.437e+04	0.02	-0.46	0.0	-2092.37	1391.21	-426.95	-9.855e+04	-3.437e+04	2.911e+05
		2.911e+05	-6.597e+04	-5.74e-04		74.0	-2092.37	3029.02	-426.95	-9.853e+04	-6.597e+04	4.553e+05
205	7	5.440e+05	-5.010e+04	0.02	-0.51	0.0	-2477.04	1774.93	-638.78	-9.721e+04	-5.010e+04	3.407e+05
		3.407e+05	-9.737e+04	-9.32e-04		74.0	-2477.04	3697.64	-638.78	-9.716e+04	-9.737e+04	5.440e+05
205	8	4.564e+05	-4.273e+04	0.02	-0.47	0.0	-2235.64	1411.72	-514.74	-9.326e+04	-4.273e+04	2.881e+05
		2.881e+05	-8.082e+04	-4.52e-04		74.0	-2235.64	3118.99	-514.74	-9.318e+04	-8.082e+04	4.564e+05
205	9	4.629e+05	-3.810e+04	0.02	-0.47	0.0	-2126.55	1430.06	-468.52	-9.690e+04	-3.810e+04	2.947e+05
		2.947e+05	-7.277e+04	-5.80e-04		74.0	-2126.55	3099.63	-468.52	-9.686e+04	-7.277e+04	4.629e+05
205	18	6.450e+05	-3.062e+04	0.02	-0.46	0.0	-1546.99	2219.83	-384.01	-7.305e+04	-3.062e+04	4.211e+05
		4.211e+05	-5.903e+04	-1.29e-03		74.0	-1546.99	3810.05	-384.01	-7.300e+04	-5.903e+04	6.450e+05
205	21	2.919e+05	-5.820e+04	0.01	-0.48	0.0	-2596.39	733.57	-671.88	-1.089e+05	-5.820e+04	1.717e+05
		1.717e+05	-1.079e+05	2.54e-04		74.0	-2596.39	2499.54	-671.88	-1.088e+05	-1.079e+05	2.919e+05
205	24	6.493e+05	-3.079e+04	0.02	-0.46	0.0	-1558.33	2226.76	-383.90	-7.456e+04	-3.079e+04	4.245e+05
		4.245e+05	-5.920e+04	-1.28e-03		74.0	-1558.33	3825.71	-383.90	-7.452e+04	-5.920e+04	6.493e+05
205	25	2.887e+05	-5.676e+04	0.01	-0.48	0.0	-2577.05	731.25	-658.01	-1.077e+05	-5.676e+04	1.690e+05
		1.690e+05	-1.055e+05	2.23e-04		74.0	-2577.05	2490.48	-658.01	-1.076e+05	-1.055e+05	2.887e+05
205	42	4.669e+05	-4.327e+04	0.02	-0.47	0.0	-2079.34	1469.70	-518.38	-9.146e+04	-4.327e+04	2.954e+05
		2.954e+05	-8.163e+04	-5.23e-04		74.0	-2079.34	3148.55	-518.38	-9.139e+04	-8.163e+04	4.669e+05
205	43	4.669e+05	-4.327e+04	0.02	-0.47	0.0	-2079.34	1469.70	-518.38	-9.146e+04	-4.327e+04	2.954e+05
		2.954e+05	-8.163e+04	-5.23e-04		74.0	-2079.34	3148.55	-518.38	-9.139e+04	-8.163e+04	4.669e+05
205	44	4.669e+05	-4.327e+04	0.02	-0.47	0.0	-2079.34	1469.70	-518.38	-9.146e+04	-4.327e+04	2.954e+05
		2.954e+05	-8.163e+04	-5.23e-04		74.0	-2079.34	3148.55	-518.38	-9.139e+04	-8.163e+04	4.669e+05
206	1	-2.332e+05	-4.629e+04	2.55e-03	-0.65	0.0	18.74	-2166.71	155.00	-1.797e+05	-5.800e+04	-2.332e+05
		-3.051e+05	-5.800e+04	-1.67e-03		75.6	18.74	296.65	155.00	-1.789e+05	-4.629e+04	-3.038e+05
206	2	-1.809e+05	-3.402e+04	1.98e-03	-0.50	0.0	30.42	-1702.76	135.94	-1.389e+05	-4.429e+04	-1.809e+05
		-2.376e+05	-4.429e+04	-1.48e-03		75.6	30.42	224.13	135.94	-1.383e+05	-3.402e+04	-2.367e+05
206	3	-2.182e+05	-4.706e+04	6.57e-04	-0.60	0.0	-34.26	-1864.30	53.40	-1.706e+05	-5.110e+04	-2.182e+05
		-2.779e+05	-5.110e+04	-6.55e-04		75.6	-34.26	333.92	53.40	-1.700e+05	-4.706e+04	-2.760e+05
206	6	-1.483e+05	-3.184e+04	2.28e-03	-0.44	0.0	-17.38	-1391.33	38.14	-1.163e+05	-3.473e+04	-1.483e+05
		-1.954e+05	-3.473e+04	-6.05e-04		75.6	-17.38	158.21	38.14	-1.158e+05	-3.184e+04	-1.948e+05
206	7	-1.750e+05	-3.314e+04	1.61e-03	-0.49	0.0	24.78	-1611.80	115.45	-1.343e+05	-4.187e+04	-1.750e+05
		-2.282e+05	-4.187e+04	-1.26e-03		75.6	24.78	231.94	115.45	-1.337e+05	-3.314e+04	-2.271e+05
206	8	-1.653e+05	-3.434e+04	3.17e-04	-0.46	0.0	-16.04	-1405.94	42.99	-1.284e+05	-3.759e+04	-1.653e+05
		-2.100e+05	-3.759e+04	-5.81e-04		75.6	-16.04	260.43	42.99	-1.279e+05	-3.434e+04	-2.085e+05
206	9	-1.533e+05	-3.169e+04	1.81e-03	-0.45	0.0	-7.08	-1404.18	50.25	-1.192e+05	-3.549e+04	-1.533e+05
		-2.000e+05	-3.549e+04	-6.78e-04		75.6	-7.08	187.99	50.25	-1.187e+05	-3.169e+04	-1.992e+05
206	18	-1.151e+05	-2896.19	9.03e-04	-0.44	0.0	240.99	-1308.71	206.22	-7.841e+04	-1.848e+04	-1.151e+05
		-1.574e+05	-1.848e+04	-1.52e-03		75.6	240.99	217.70	206.22	-7.762e+04	-2896.19	-1.563e+05
206	21	-2.023e+05	-5.076e+04	1.32e-04	-0.47	0.0	-183.18	-1455.47	-55.65	-1.631e+05	-5.076e+04	-2.023e+05
		-2.482e+05	-5.497e+04	6.35e-05		75.6	-183.18	287.19	-55.65	-1.629e+05	-5.497e+04	-2.464e+05
206	22	-1.128e+05	-3055.05	8.33e-04	-0.44	0.0	244.78	-1326.90	209.12	-7.607e+04	-1.886e+04	-1.128e+05
		-1.561e+05	-1.886e+04	-1.50e-03		75.6	244.78	209.11	209.12	-7.527e+04	-3055.05	-1.550e+05
206	23	-2.061e+05	-4.999e+04	3.62e-04	-0.46	0.0	-188.98	-1432.97	-60.53	-1.671e+05	-4.999e+04	-2.061e+05
		-2.509e+05	-5.456e+04	5.11e-05		75.6	-188.98	295.62	-60.53	-1.669e+05	-5.456e+04	-2.490e+05
206	42	-1.598e+05	-3.027e+04	6.38e-04	-0.45	0.0	15.48	-1375.22	64.40	-1.218e+05	-3.514e+04	-1.598e+05
		-2.036e+05	-3.514e+04	-7.26e-04		75.6	15.48	255.74	64.40	-1.213e+05	-3.027e+04	-2.021e+05
206	43	-1.598e+05	-3.027e+04	6.38e-04	-0.45	0.0	15.48	-1375.22	64.40	-1.218e+05	-3.514e+04	-1.598e+05

		-2.036e+05	-3.514e+04	-7.26e-04		75.6	15.48	255.74	64.40	-1.213e+05	-3.027e+04	-2.021e+05
206	44	-1.598e+05	-3.027e+04	6.38e-04	-0.45	0.0	15.48	-1375.22	64.40	-1.218e+05	-3.514e+04	-1.598e+05
		-2.036e+05	-3.514e+04	-7.26e-04		75.6	15.48	255.74	64.40	-1.213e+05	-3.027e+04	-2.021e+05

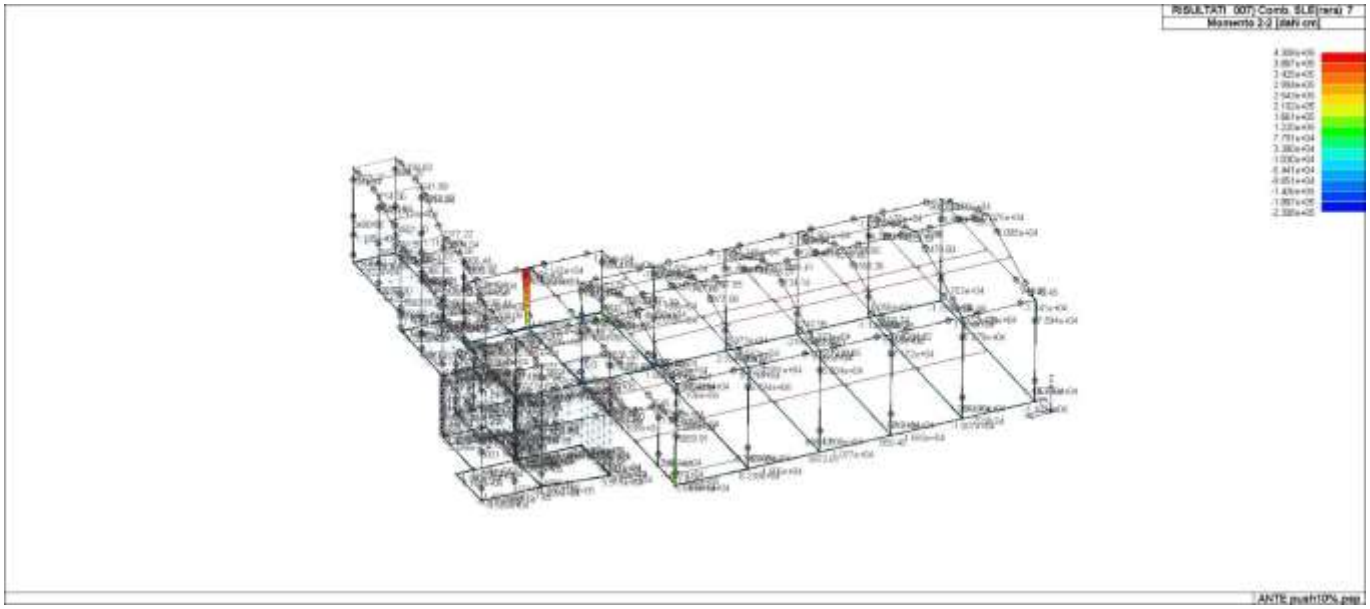
Trave f.	M3 mx/mn	M2 mx/mn	D 2 / D 3	Pt	N	V 2	V 3	T
	-4.414e+06	-3.881e+05	-0.38	-1.32	-9259.30	-2.320e+04	-1650.09	-8.087e+05
	4.409e+06	3.455e+05	0.45	-0.32	2917.64	2.101e+04	1831.44	3.045e+05



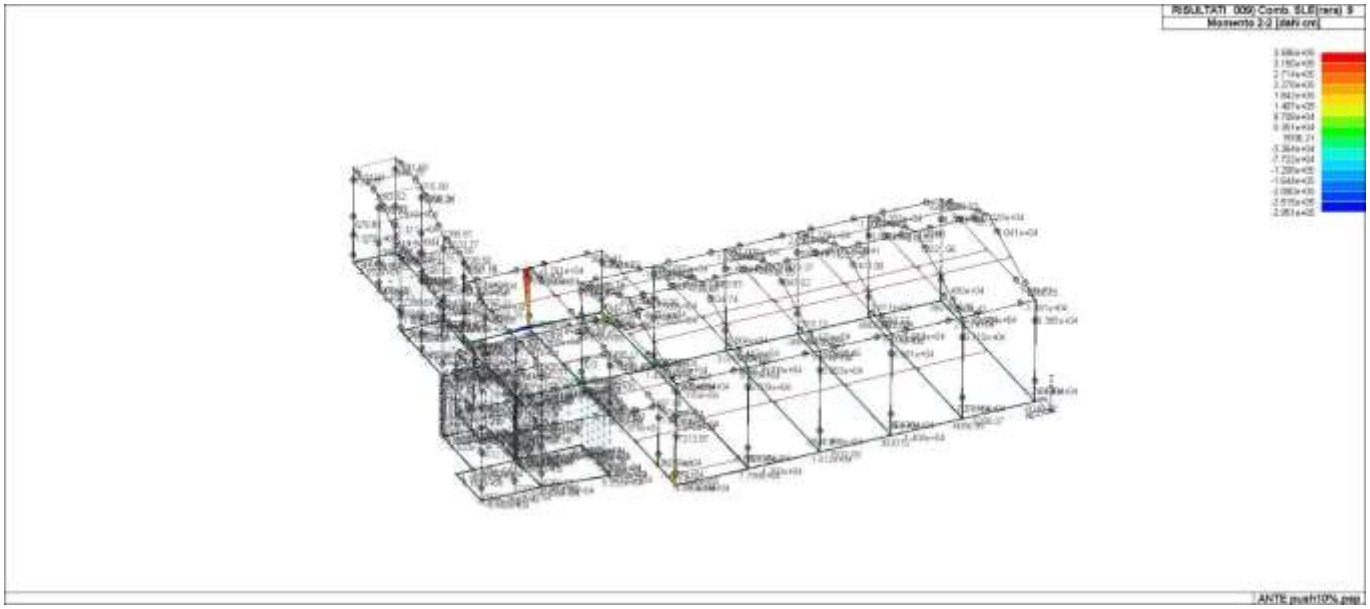
43_RIS_M2_001_Comb. SLU A1 1



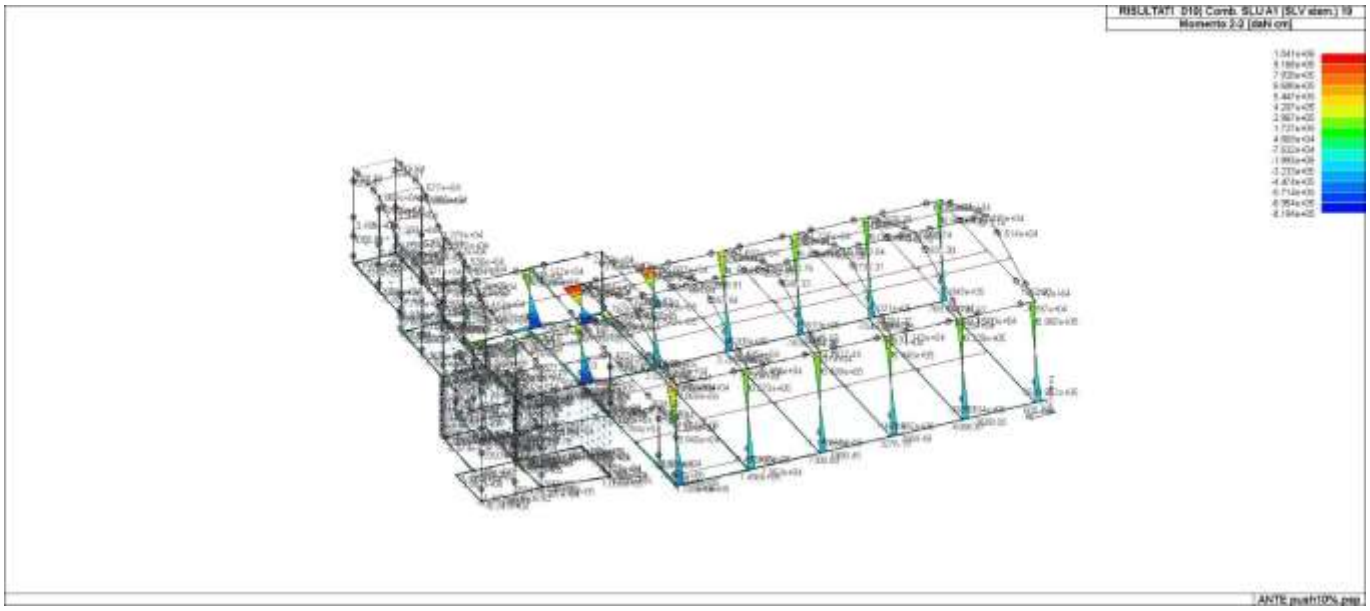
43_RIS_M2_005_Comb. SLU A1 5



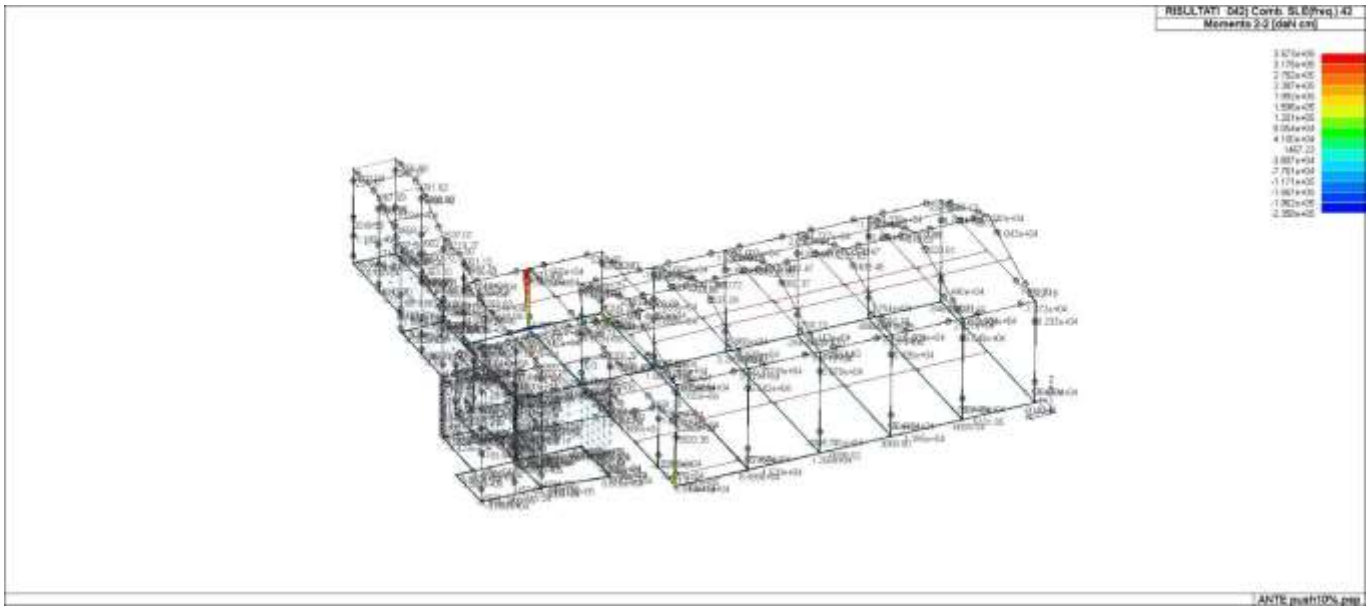
43_RIS_M2_007_Comb. SLE(rara) 7



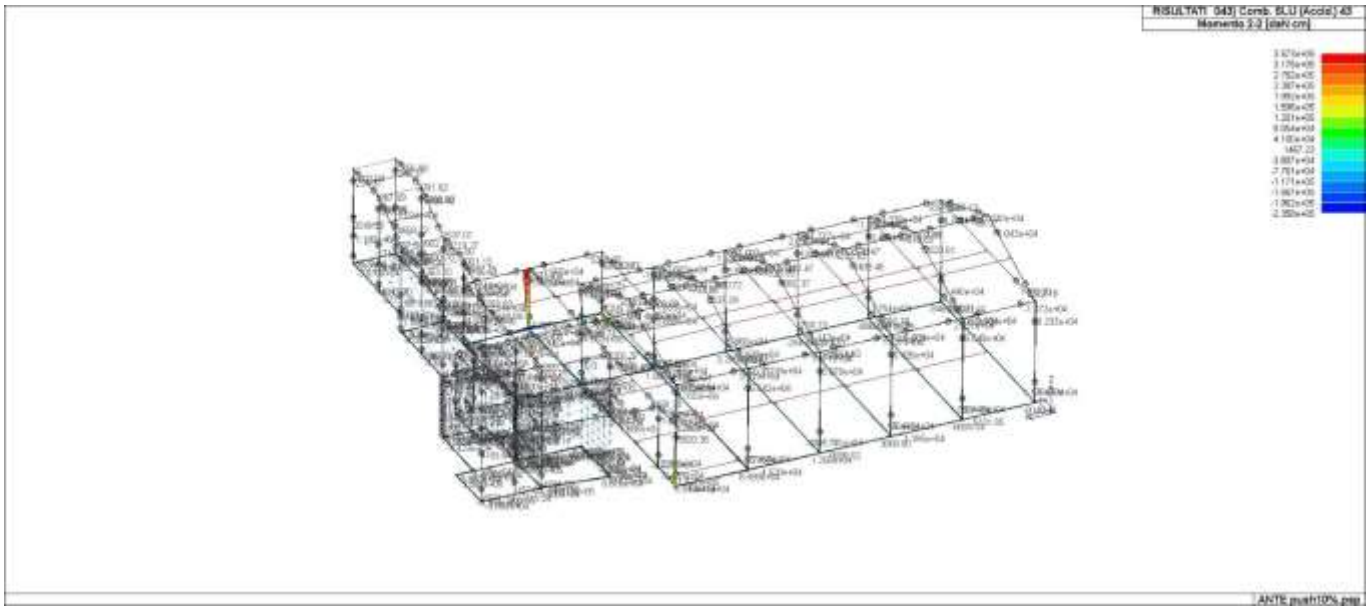
43_RIS_M2_009_Comb. SLE(rara) 9



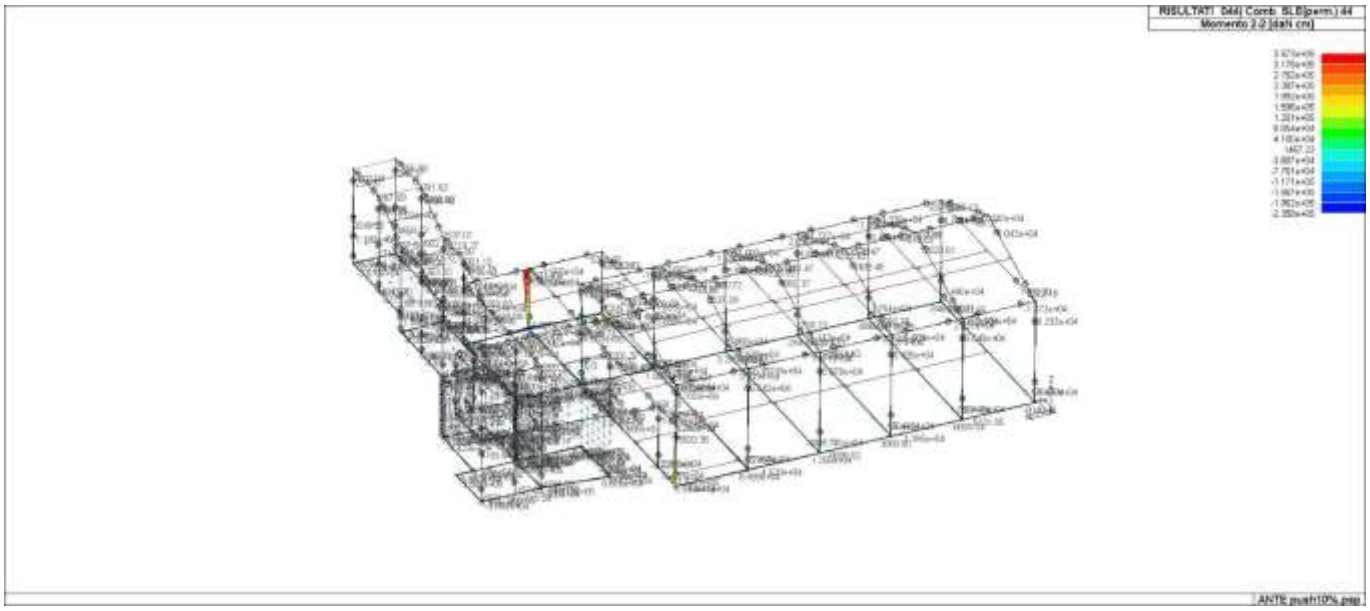
43_RIS_M2_019_Comb. SLU A1 (SLV sism.) 19



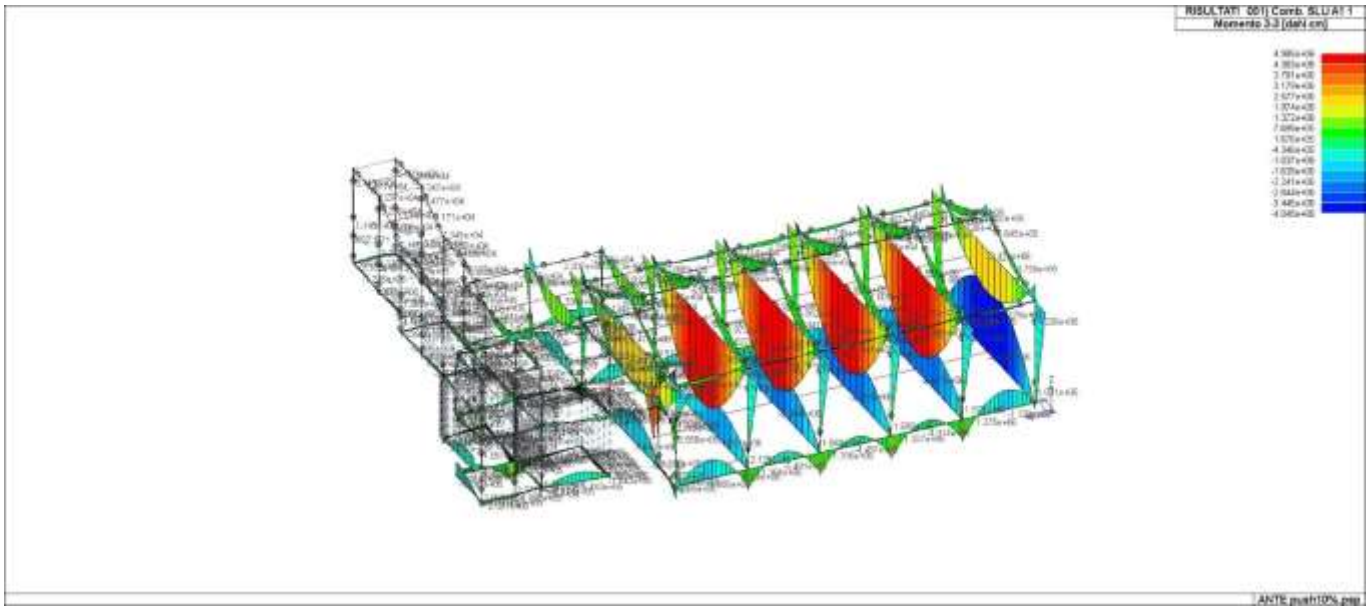
43_RIS_M2_042_Comb. SLE(freq.) 42



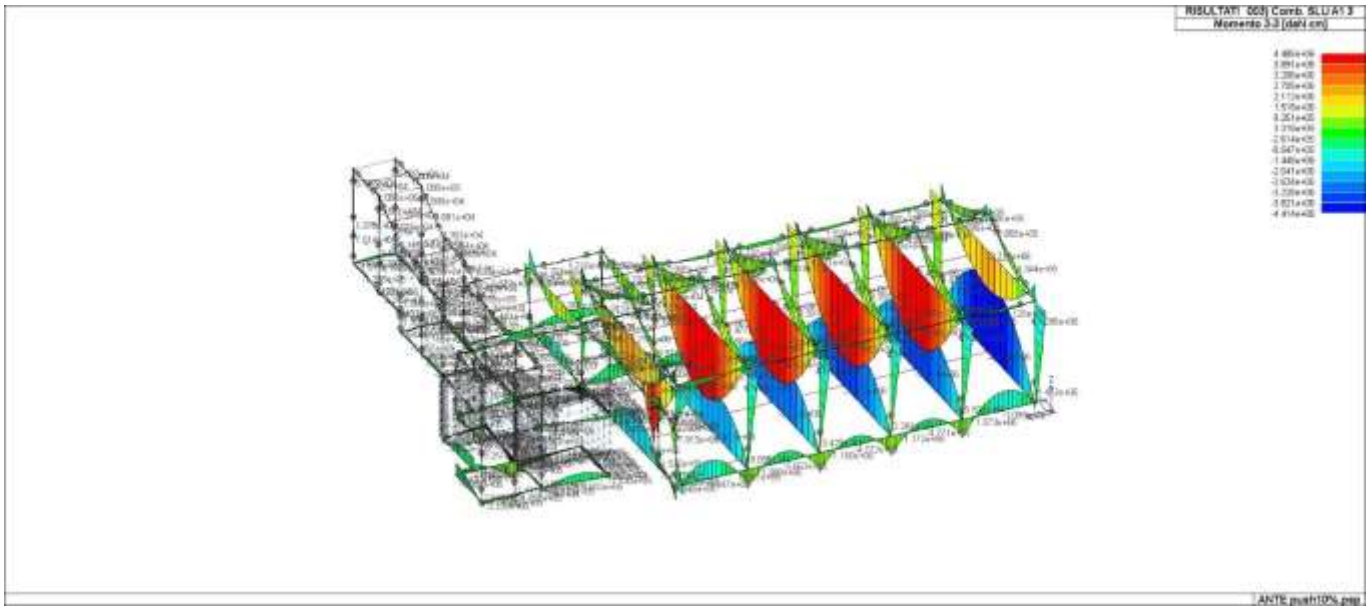
43_RIS_M2_043_Comb. SLU (Accid.) 43



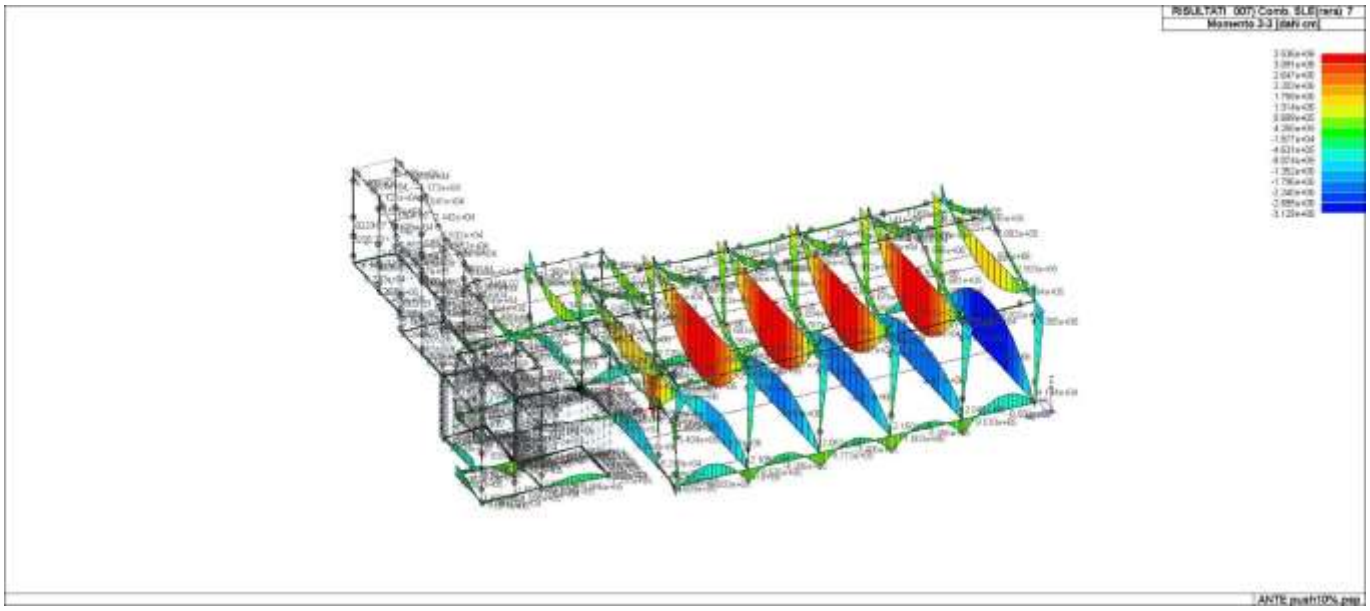
43_RIS_M2_044_Comb. SLE(perm.) 44



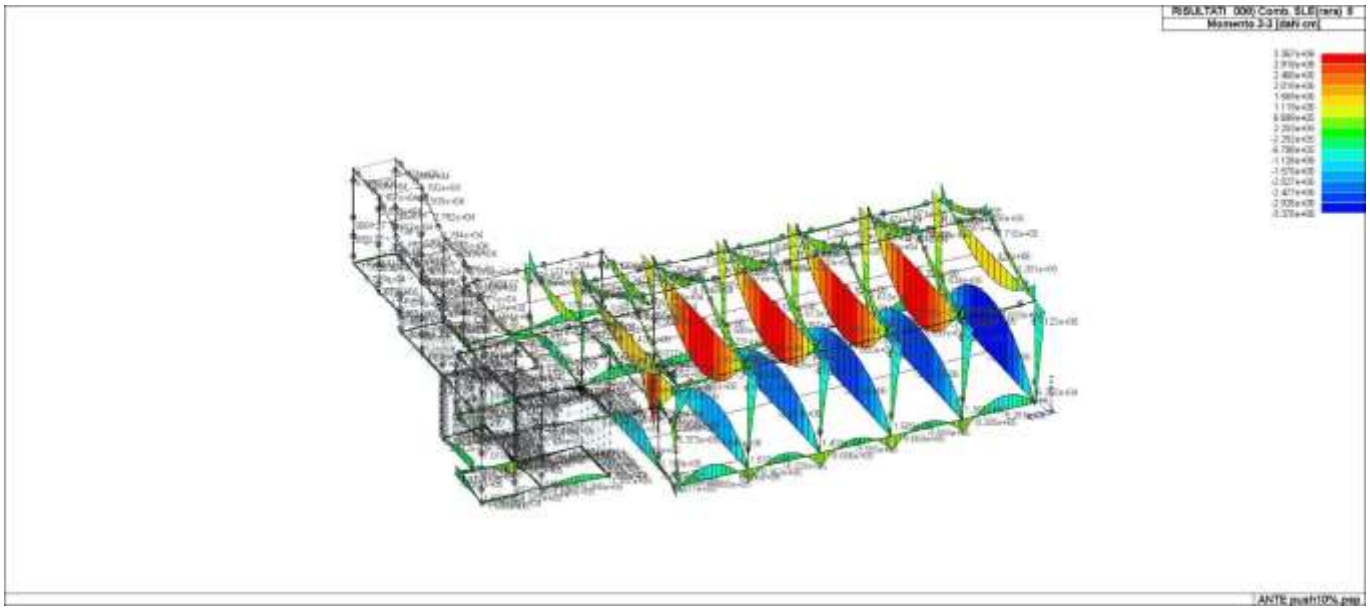
43_RIS_M3_001_Comb. SLU A1 1



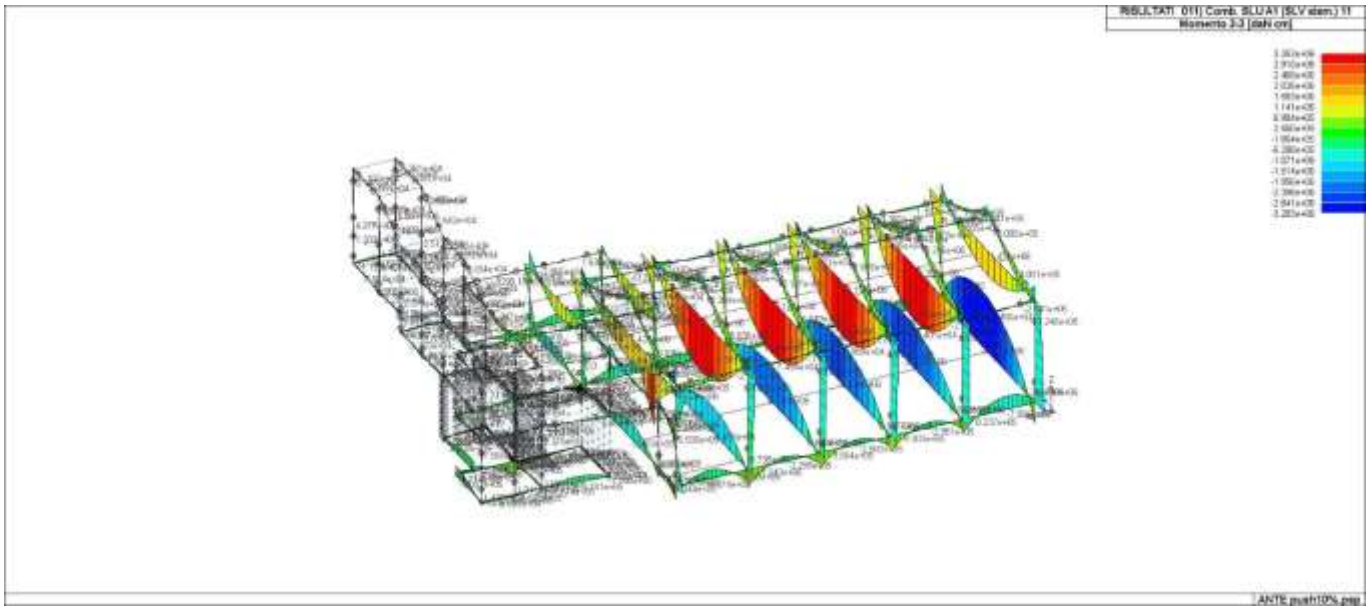
43_RIS_M3_003_Comb. SLU A1 3



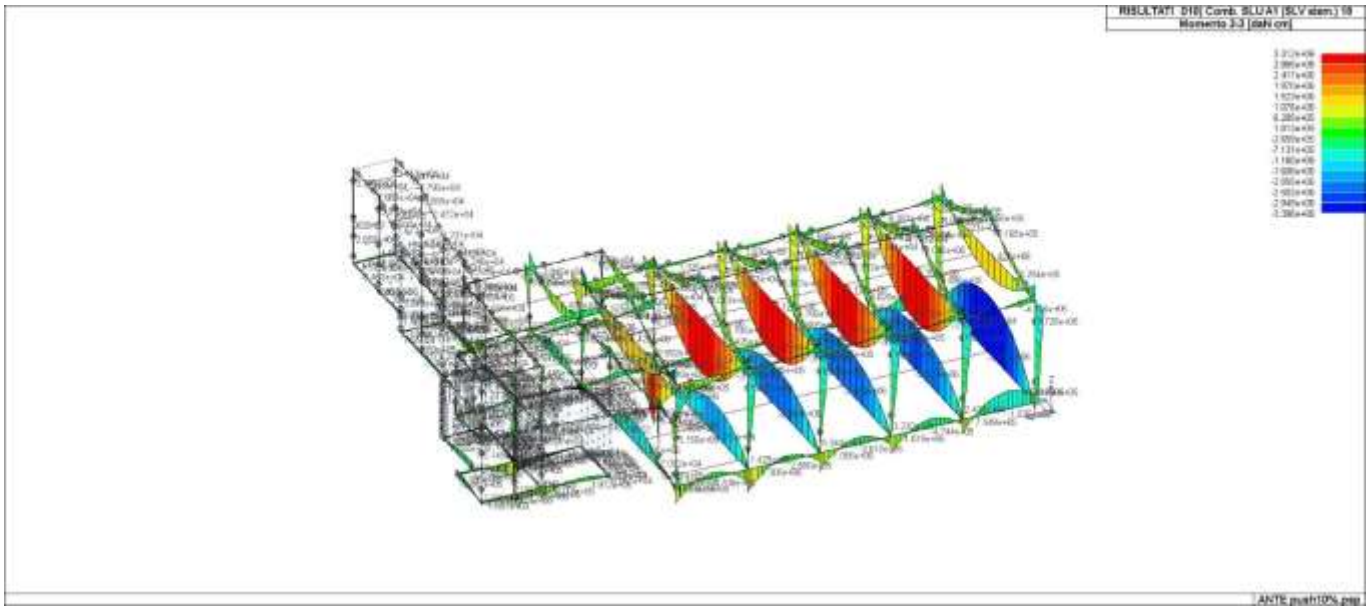
43_RIS_M3_007_Comb. SLE(rara) 7



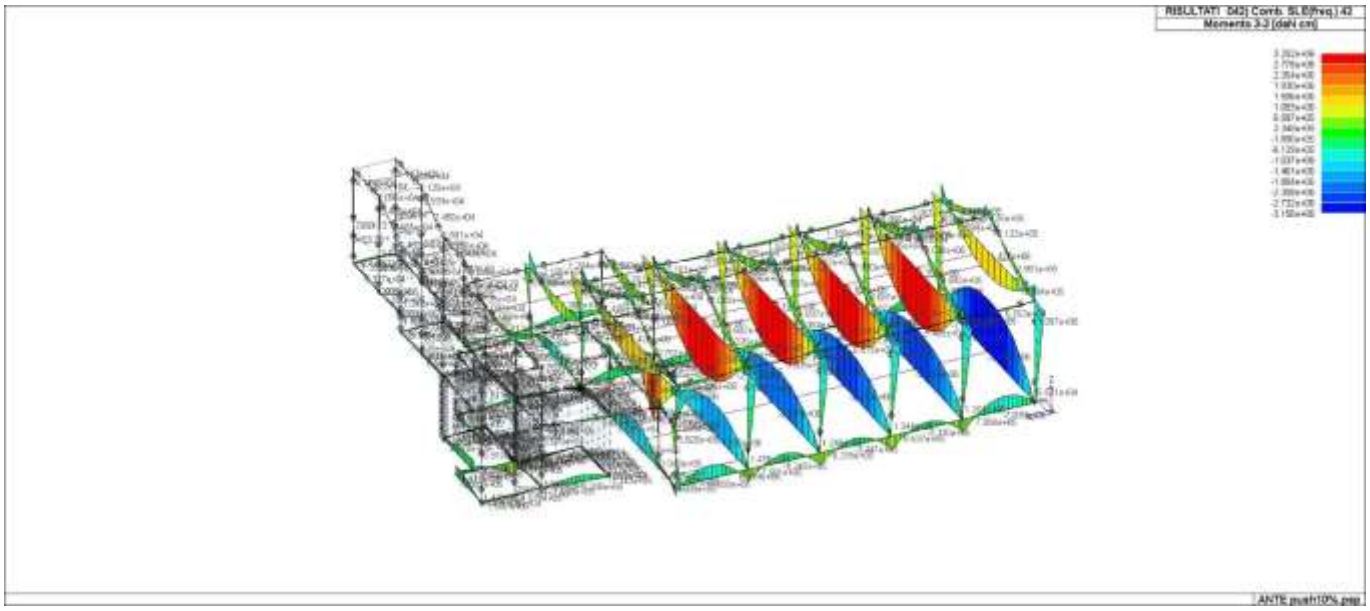
43_RIS_M3_008_Comb. SLE(rara) 8



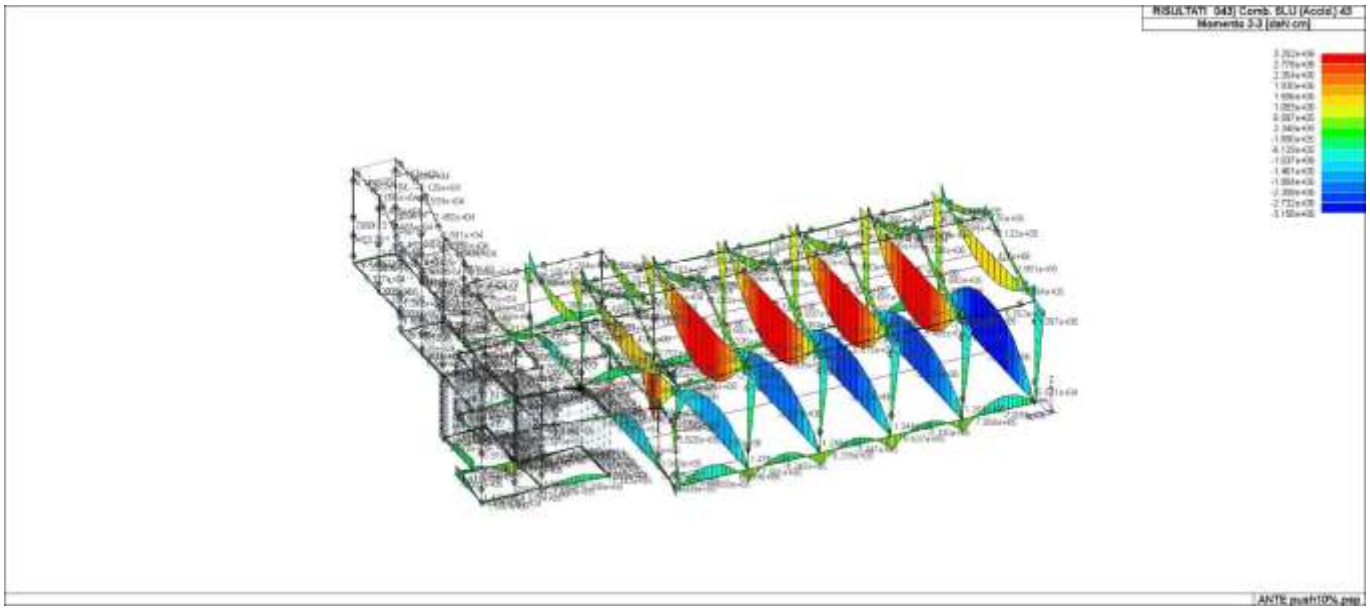
43_RIS_M3_011_Comb. SLU A1 (SLV sism.) 11



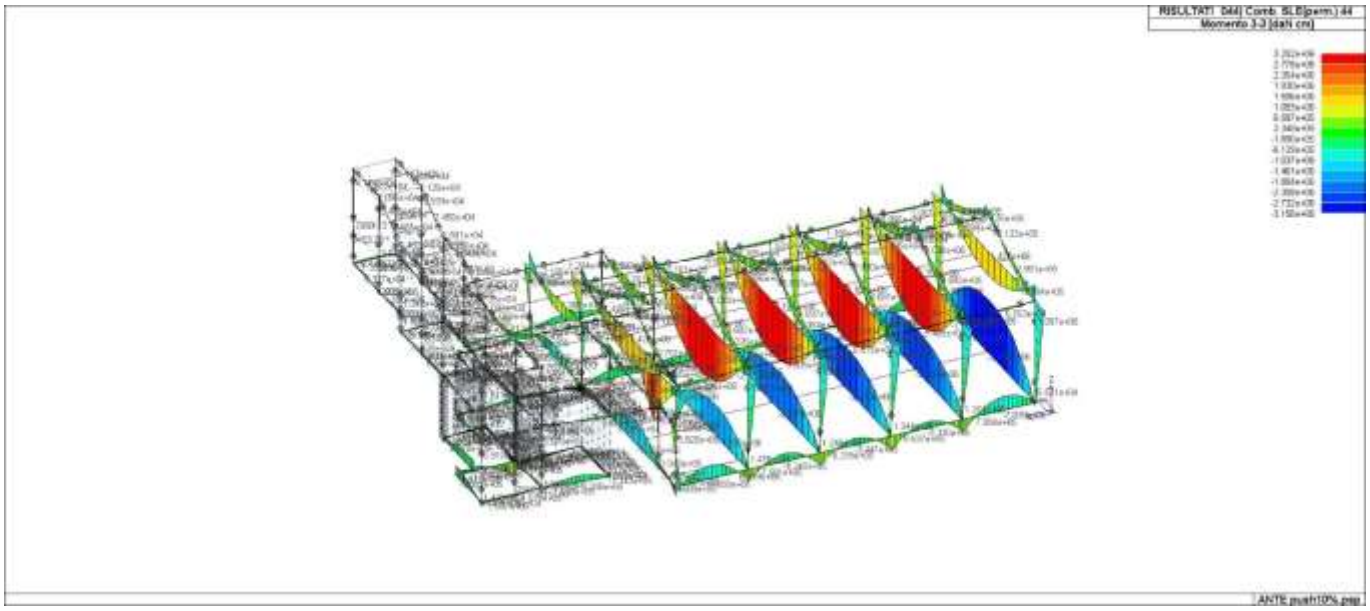
43_RIS_M3_018_Comb. SLU A1 (SLV sism.) 18



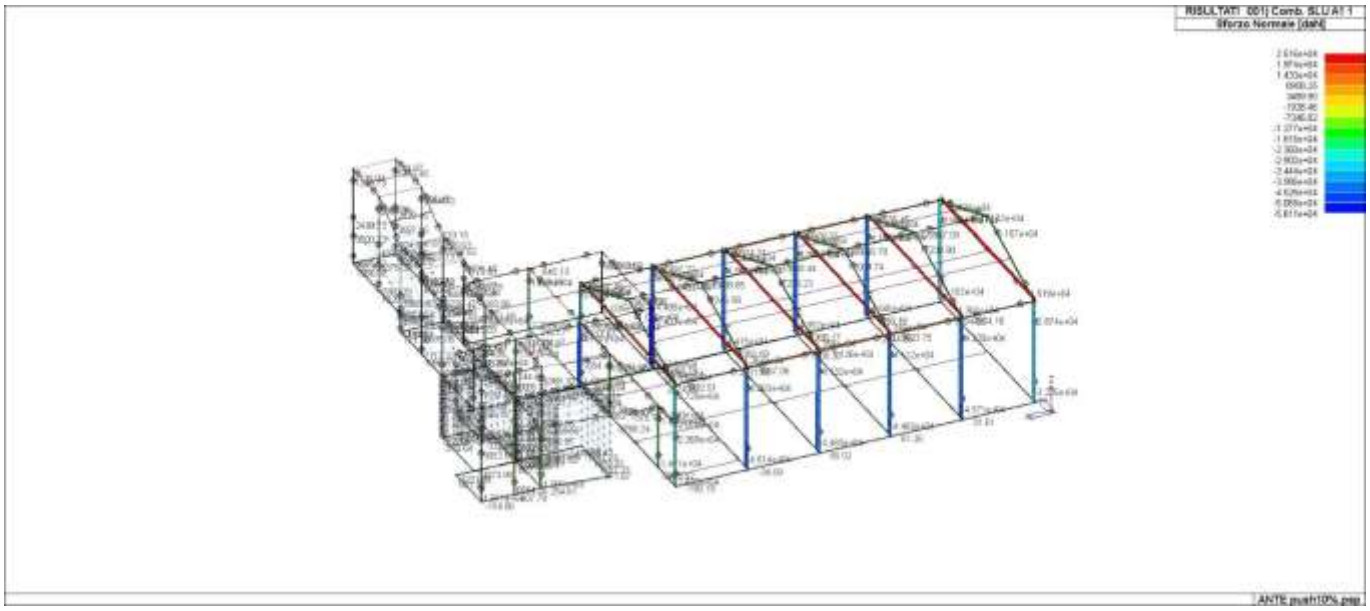
43_RIS_M3_042_Comb. SLE(freq.) 42



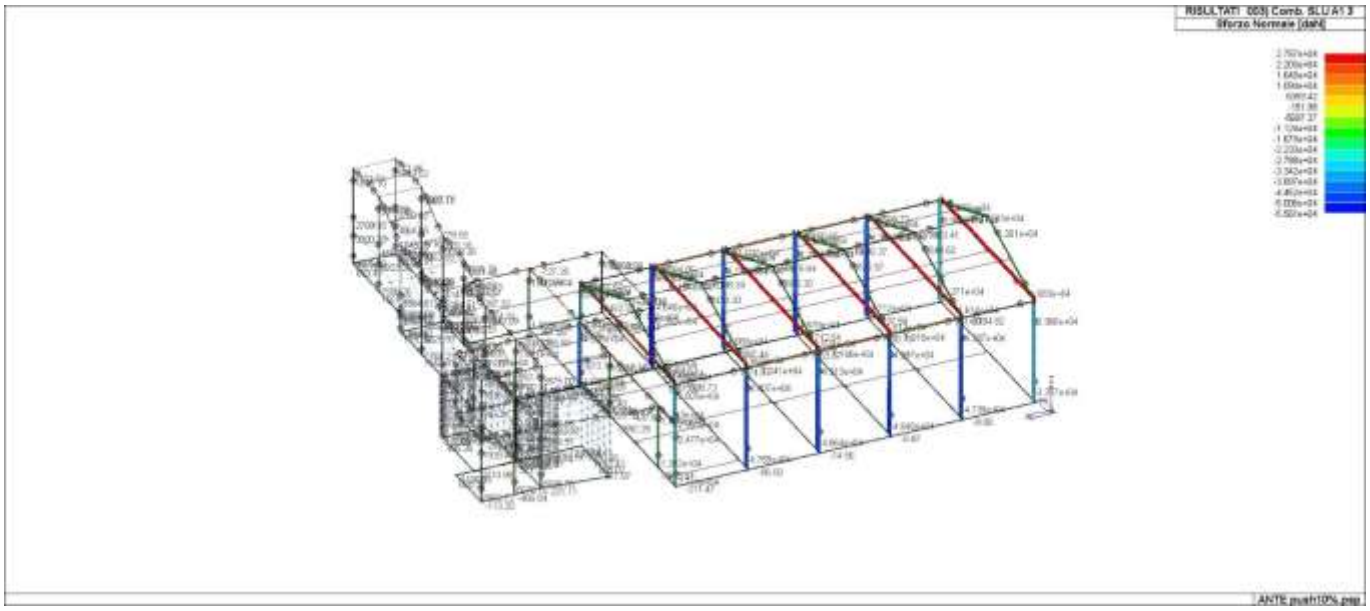
43_RIS_M3_043_Comb. SLU (Accid.) 43



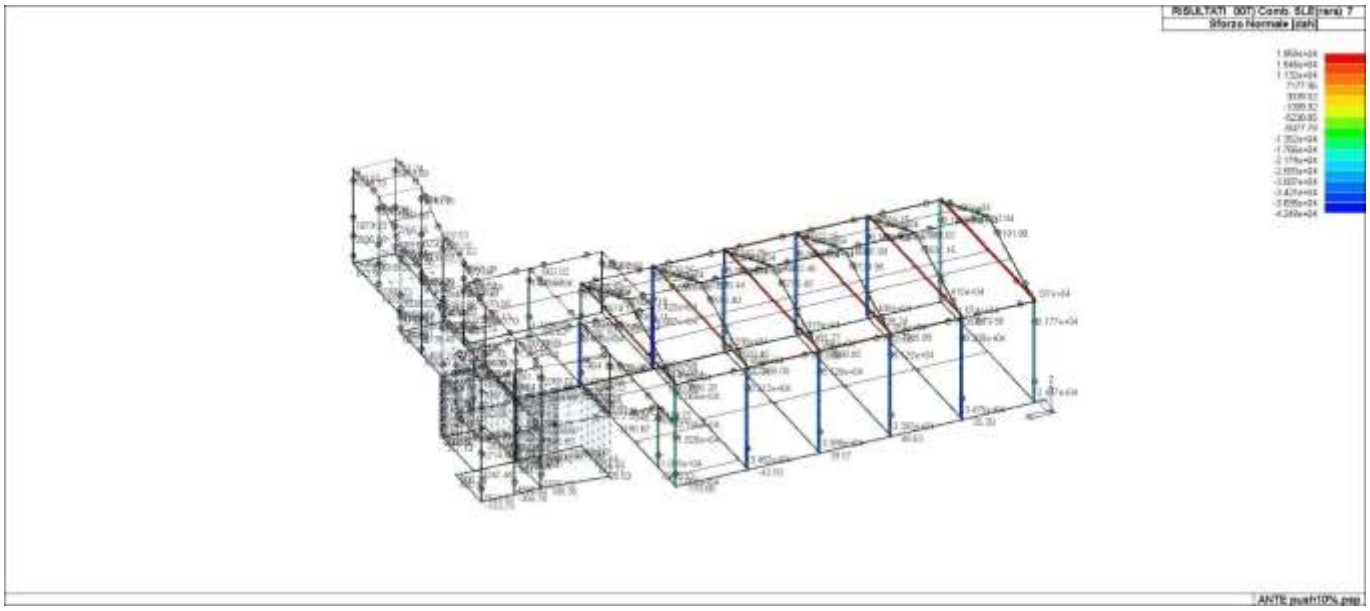
43_RIS_M3_044_Comb. SLE(perm.) 44



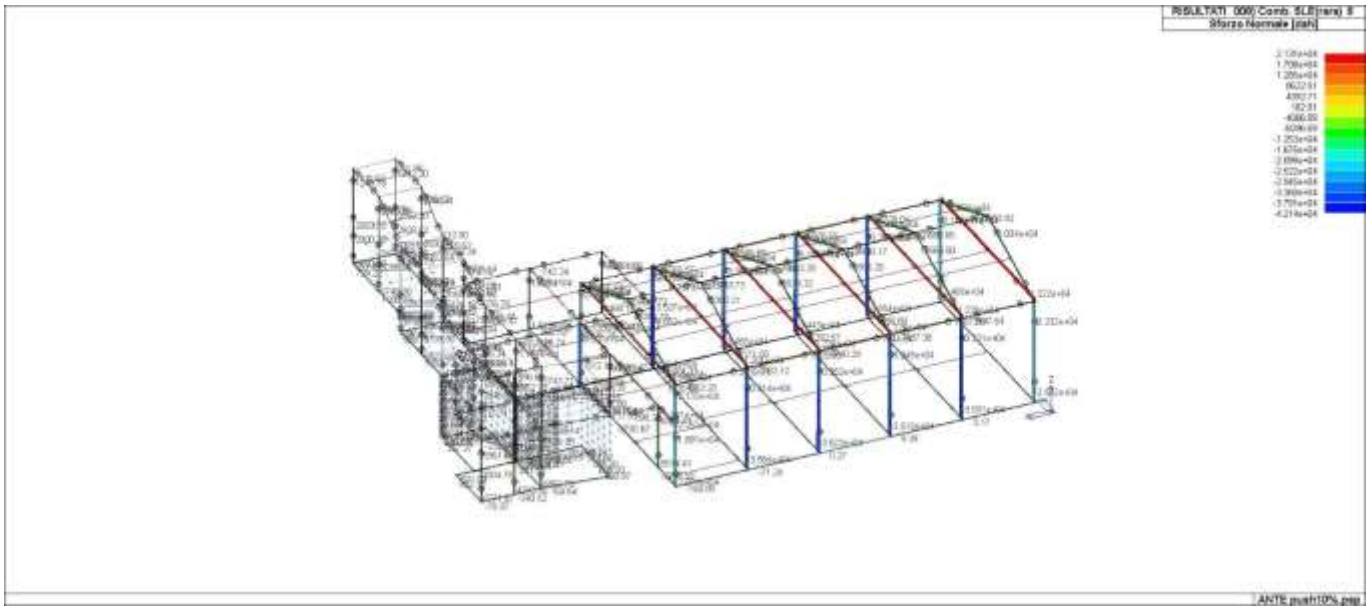
43_RIS_N_001_Comb. SLU A1 1



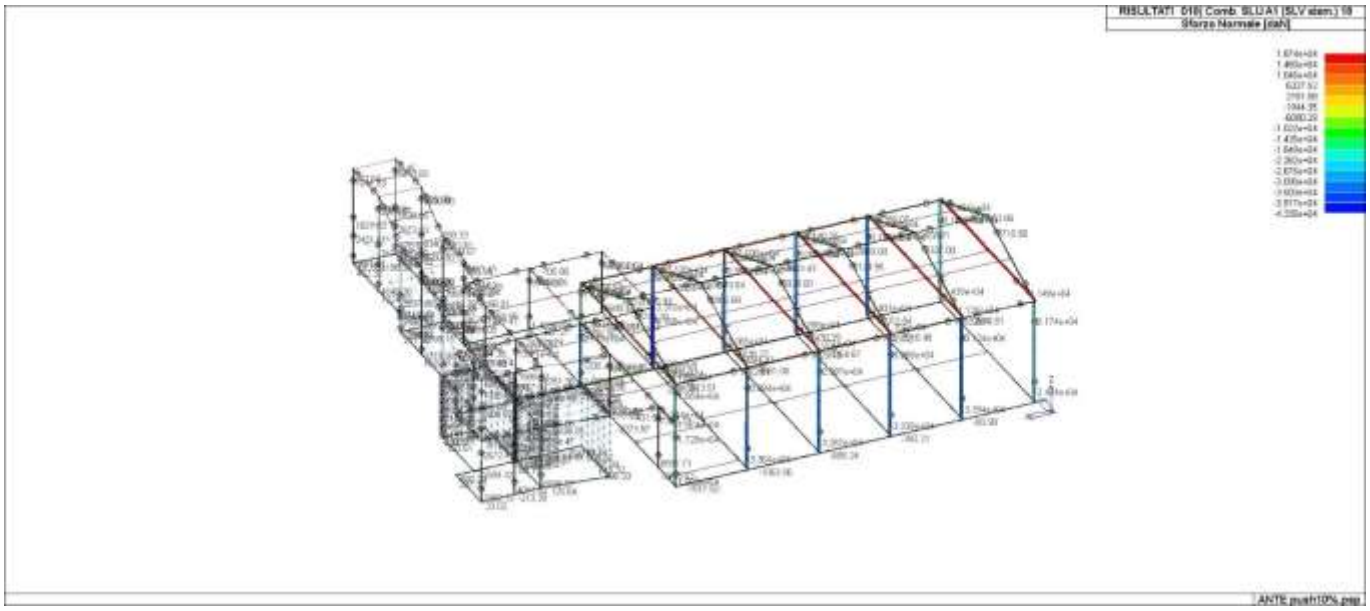
43_RIS_N_003_Comb. SLU A1 3



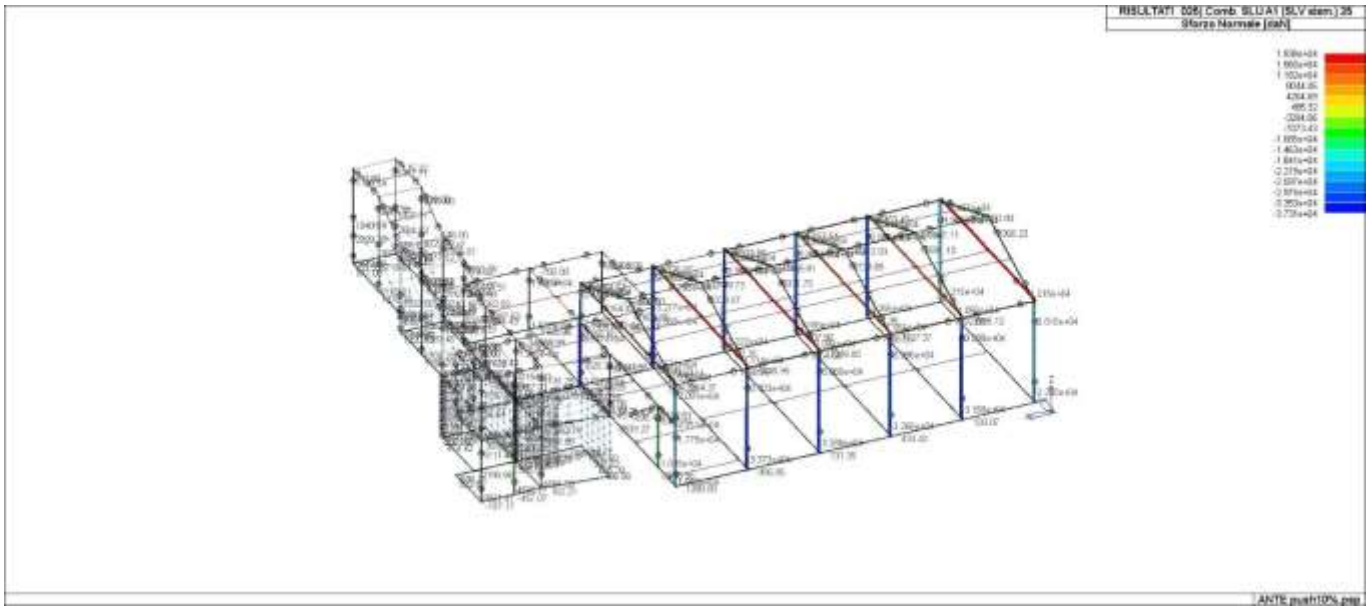
43_RIS_N_007_Comb. SLE(rara) 7



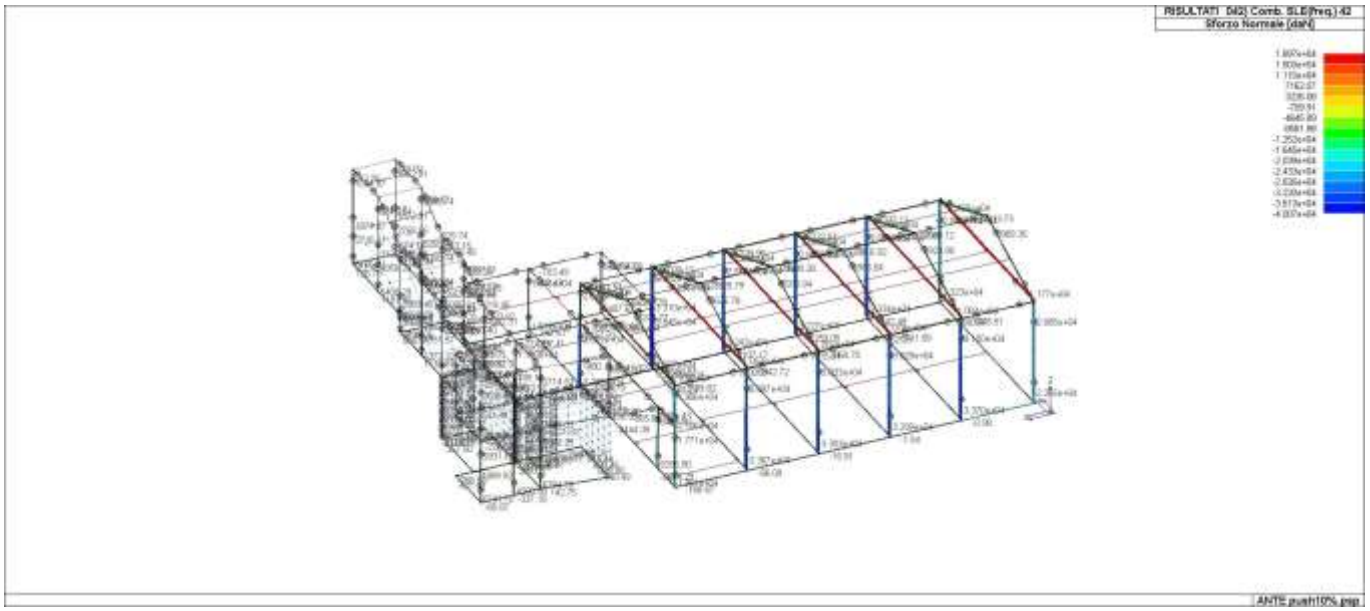
43_RIS_N_008_Comb. SLE(rara) 8



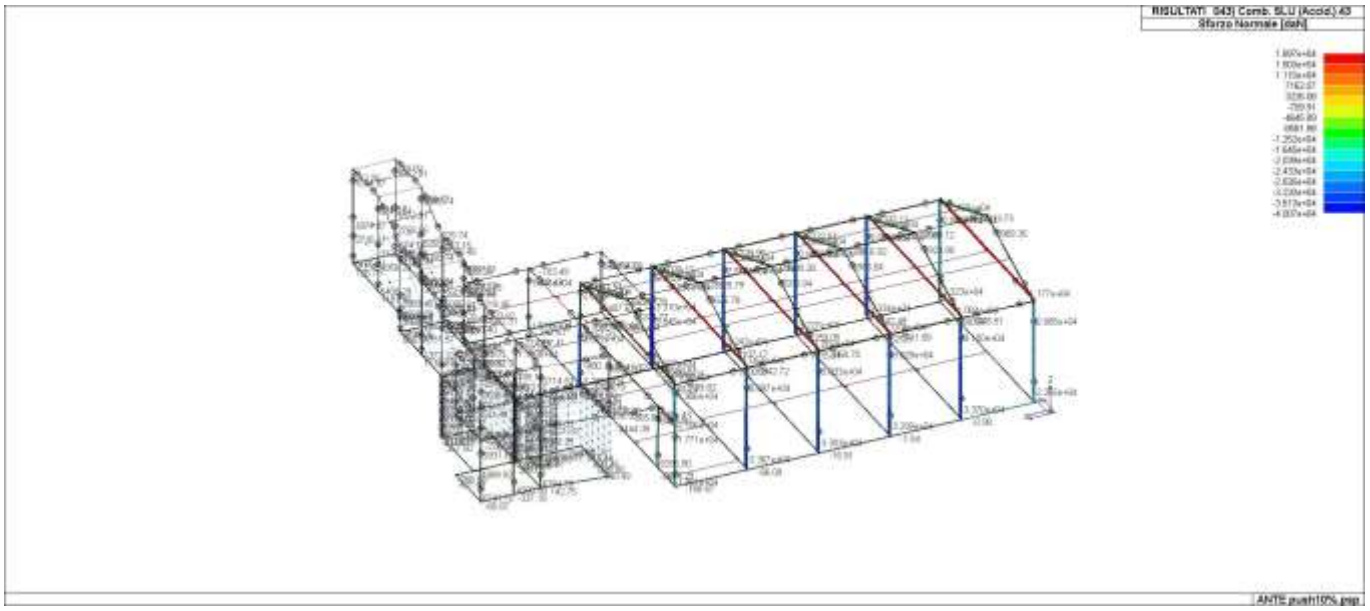
43_RIS_N_018_Comb. SLU A1 (SLV sism.) 18



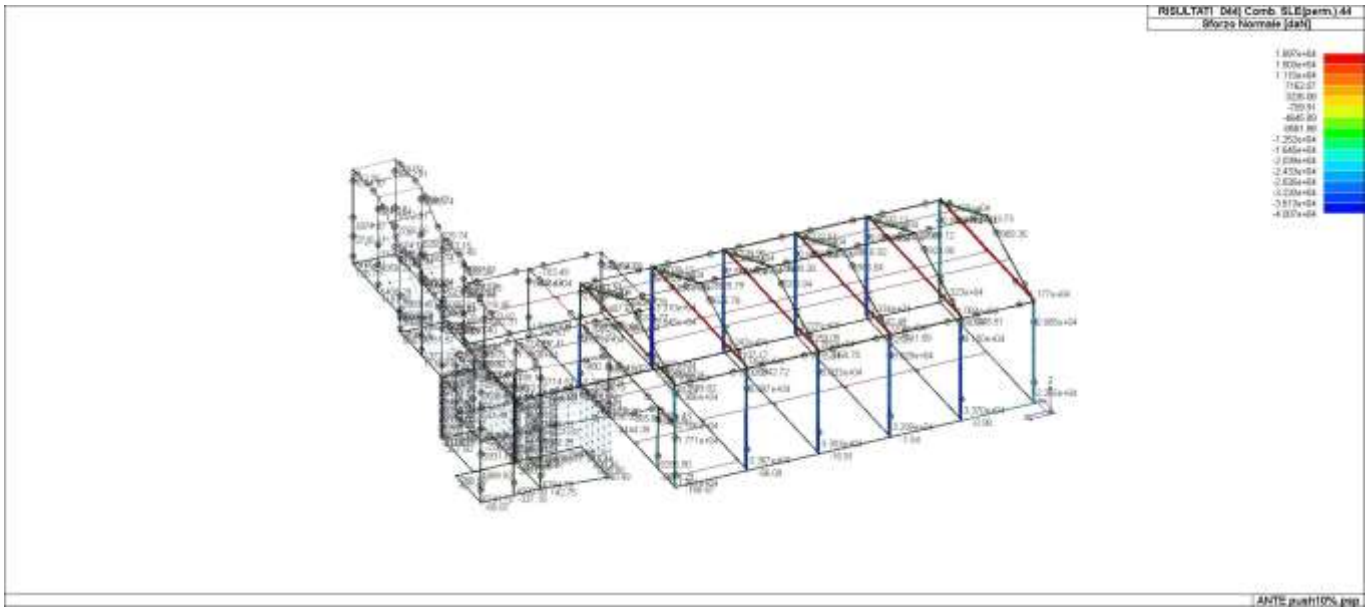
43_RIS_N_025_Comb. SLU A1 (SLV sism.) 25



43_RIS_N_042_Comb. SLE(freq.) 42



43_RIS_N_043_Comb. SLU (Accid.) 43

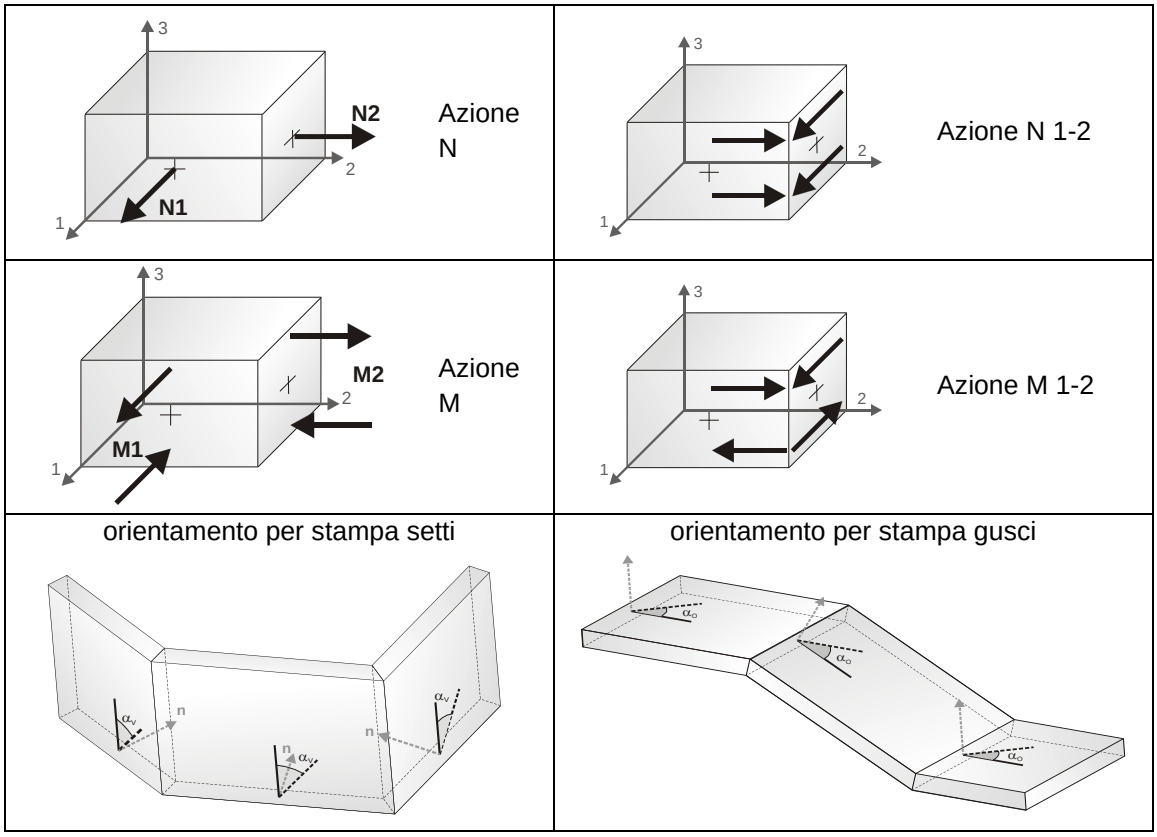


43_RIS_N_044_Comb. SLE(perm.) 44

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		sforzo membranale principale massimo
N min		sforzo membranale principale minimo
M max		sforzo flessionale principale massimo
M min		sforzo flessionale principale minimo
N1	**N2**	sforzi membranali e flessionali in direzione locale 1 e 2 dell'elemento
N1-2	**M1**	(lo sforzo 2-1 è uguale allo sforzo 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	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
5	1	-360.00	-2.155e+04	-1069.28	-1.61	6.888e+05	-20.34	19.24
5	1	-308.57	-2.217e+04	-1121.89	-1.61	5.266e+05	9.94	-11.19
5	1	-257.14	-2.273e+04	-1147.40	-0.94	3.713e+05	14.51	-2.39
5	1	-205.71	-2.331e+04	-1146.53	-0.78	2.041e+05	14.88	-2.56
5	1	-154.29	-2.395e+04	-1146.34	-0.66	2.609e+04	15.21	-3.27
5	1	-102.86	-2.467e+04	-1146.83	-0.54	-1.664e+05	15.50	-3.55
5	1	-51.43	-2.552e+04	-1148.13	-0.41	-3.797e+05	14.48	-2.69
5	1	0.0	-2.637e+04	-1471.57	-0.13	-6.156e+05	10.39	6.56
5	3	-360.00	-1.831e+04	-1323.71	-1.37	5.427e+05	-15.50	16.64
5	3	-308.57	-1.881e+04	-1374.92	-1.37	3.879e+05	10.25	-9.22
5	3	-257.14	-1.926e+04	-1399.46	-0.81	2.381e+05	13.75	-1.05
5	3	-205.71	-1.972e+04	-1398.53	-0.68	7.742e+04	13.60	-1.07
5	3	-154.29	-2.024e+04	-1398.25	-0.59	-9.348e+04	13.41	-1.83
5	3	-102.86	-2.085e+04	-1398.62	-0.49	-2.788e+05	13.14	-2.54
5	3	-51.43	-2.158e+04	-1399.76	-0.38	-4.854e+05	11.64	-2.71
5	3	0.0	-2.235e+04	-1735.76	-0.13	-7.166e+05	7.45	3.67
5	6	-360.00	-1.308e+04	-815.95	-0.93	3.770e+05	-9.15	11.31
5	6	-308.57	-1.343e+04	-851.22	-0.93	2.735e+05	7.91	-6.39
5	6	-257.14	-1.374e+04	-866.94	-0.56	1.744e+05	9.87	-0.41
5	6	-205.71	-1.407e+04	-866.29	-0.47	6.738e+04	9.40	-0.30
5	6	-154.29	-1.443e+04	-866.09	-0.41	-4.683e+04	8.98	-0.82
5	6	-102.86	-1.485e+04	-866.34	-0.34	-1.709e+05	8.53	-1.43
5	6	-51.43	-1.536e+04	-867.12	-0.26	-3.094e+05	7.26	-1.78
5	6	0.0	-1.588e+04	-1095.05	-0.08	-4.642e+05	4.33	2.36
5	7	-360.00	-1.588e+04	-750.87	-1.17	5.000e+05	-14.20	14.03
5	7	-308.57	-1.634e+04	-789.77	-1.17	3.825e+05	7.67	-8.10
5	7	-257.14	-1.675e+04	-807.89	-0.69	2.705e+05	10.86	-1.50
5	7	-205.71	-1.717e+04	-807.25	-0.57	1.495e+05	11.03	-1.56
5	7	-154.29	-1.764e+04	-807.12	-0.48	2.041e+04	11.19	-2.06
5	7	-102.86	-1.817e+04	-807.49	-0.40	-1.197e+05	11.35	-2.32
5	7	-51.43	-1.880e+04	-808.46	-0.30	-2.756e+05	10.61	-1.84
5	7	0.0	-1.943e+04	-1052.64	-0.09	-4.491e+05	7.91	4.52
5	8	-360.00	-1.370e+04	-916.16	-1.01	4.015e+05	-10.91	12.30
5	8	-308.57	-1.408e+04	-953.95	-1.01	2.893e+05	7.90	-6.75
5	8	-257.14	-1.441e+04	-971.34	-0.60	1.811e+05	10.38	-0.56
5	8	-205.71	-1.476e+04	-970.67	-0.51	6.479e+04	10.19	-0.50
5	8	-154.29	-1.515e+04	-970.47	-0.44	-5.927e+04	10.02	-1.02
5	8	-102.86	-1.560e+04	-970.76	-0.36	-1.942e+05	9.82	-1.56
5	8	-51.43	-1.615e+04	-971.61	-0.28	-3.453e+05	8.80	-1.76
5	8	0.0	-1.673e+04	-1223.62	-0.09	-5.151e+05	6.13	2.67
5	9	-360.00	-1.338e+04	-823.97	-0.96	3.911e+05	-9.80	11.63
5	9	-308.57	-1.375e+04	-859.86	-0.96	2.855e+05	7.83	-6.57
5	9	-257.14	-1.407e+04	-876.01	-0.57	1.843e+05	9.97	-0.53
5	9	-205.71	-1.440e+04	-875.36	-0.49	7.520e+04	9.60	-0.45
5	9	-154.29	-1.477e+04	-875.17	-0.42	-4.123e+04	9.26	-0.97

5	9	-102.86	-1.521e+04	-875.43	-0.35	-1.677e+05	8.89	-1.54
5	9	-51.43	-1.572e+04	-876.23	-0.27	-3.089e+05	7.68	-1.80
5	9	0.0	-1.626e+04	-1108.18	-0.09	-4.668e+05	4.72	2.57
5	16	-360.00	-1.400e+04	-1465.24	-0.90	4.507e+05	-8.67	11.19
5	16	-308.57	-1.432e+04	-1507.41	-0.90	3.201e+05	7.86	-5.94
5	16	-257.14	-1.457e+04	-1531.15	-0.53	1.974e+05	9.73	-0.06
5	16	-205.71	-1.484e+04	-1530.23	-0.46	6.567e+04	9.05	-0.08
5	16	-154.29	-1.515e+04	-1529.83	-0.41	-7.438e+04	8.31	-0.90
5	16	-102.86	-1.554e+04	-1529.95	-0.35	-2.260e+05	7.30	-2.00
5	16	-51.43	-1.602e+04	-1530.66	-0.29	-3.940e+05	4.97	-3.06
5	16	0.0	-1.651e+04	-1752.43	-0.15	-5.788e+05	-0.48	0.33
5	18	-360.00	-1.236e+04	-461.08	-0.65	3.456e+05	-0.88	10.26
5	18	-308.57	-1.268e+04	-492.80	-0.65	2.661e+05	11.21	-2.12
5	18	-257.14	-1.294e+04	-503.81	-0.43	1.946e+05	11.86	4.51
5	18	-205.71	-1.321e+04	-503.25	-0.40	1.147e+05	10.81	5.66
5	18	-154.29	-1.353e+04	-503.10	-0.37	2.707e+04	9.98	5.78
5	18	-102.86	-1.392e+04	-503.34	-0.33	-7.228e+04	9.30	5.22
5	18	-51.43	-1.441e+04	-504.06	-0.27	-1.901e+05	8.74	4.07
5	18	0.0	-1.497e+04	-685.28	-0.07	-3.311e+05	11.00	5.13
5	21	-360.00	-1.448e+04	-1219.68	-1.28	4.526e+05	-19.67	13.04
5	21	-308.57	-1.489e+04	-1260.56	-1.28	3.198e+05	3.72	-11.10
5	21	-257.14	-1.526e+04	-1282.50	-0.71	1.886e+05	7.67	-5.89
5	21	-205.71	-1.565e+04	-1281.76	-0.56	4.976e+04	8.25	-6.95
5	21	-154.29	-1.607e+04	-1281.54	-0.46	-9.584e+04	8.62	-8.13
5	21	-102.86	-1.655e+04	-1281.85	-0.36	-2.501e+05	8.72	-8.63
5	21	-51.43	-1.709e+04	-1282.79	-0.28	-4.159e+05	6.95	-7.87
5	21	0.0	-1.761e+04	-1572.75	-0.12	-5.932e+05	-1.48	-0.07
5	42	-360.00	-1.343e+04	-834.65	-0.96	3.983e+05	-10.11	11.64
5	42	-308.57	-1.379e+04	-870.83	-0.96	2.924e+05	7.57	-6.56
5	42	-257.14	-1.411e+04	-887.22	-0.57	1.914e+05	9.83	-0.61
5	42	-205.71	-1.443e+04	-886.56	-0.48	8.232e+04	9.57	-0.55
5	42	-154.29	-1.481e+04	-886.37	-0.41	-3.402e+04	9.31	-1.06
5	42	-102.86	-1.524e+04	-886.65	-0.34	-1.605e+05	9.01	-1.59
5	42	-51.43	-1.575e+04	-887.47	-0.27	-3.018e+05	7.83	-1.79
5	42	0.0	-1.629e+04	-1121.16	-0.10	-4.603e+05	4.74	2.63
5	43	-360.00	-1.343e+04	-834.65	-0.96	3.983e+05	-10.11	11.64
5	43	-308.57	-1.379e+04	-870.83	-0.96	2.924e+05	7.57	-6.56
5	43	-257.14	-1.411e+04	-887.22	-0.57	1.914e+05	9.83	-0.61
5	43	-205.71	-1.443e+04	-886.56	-0.48	8.232e+04	9.57	-0.55
5	43	-154.29	-1.481e+04	-886.37	-0.41	-3.402e+04	9.31	-1.06
5	43	-102.86	-1.524e+04	-886.65	-0.34	-1.605e+05	9.01	-1.59
5	43	-51.43	-1.575e+04	-887.47	-0.27	-3.018e+05	7.83	-1.79
5	43	0.0	-1.629e+04	-1121.16	-0.10	-4.603e+05	4.74	2.63
5	44	-360.00	-1.343e+04	-834.65	-0.96	3.983e+05	-10.11	11.64
5	44	-308.57	-1.379e+04	-870.83	-0.96	2.924e+05	7.57	-6.56
5	44	-257.14	-1.411e+04	-887.22	-0.57	1.914e+05	9.83	-0.61
5	44	-205.71	-1.443e+04	-886.56	-0.48	8.232e+04	9.57	-0.55
5	44	-154.29	-1.481e+04	-886.37	-0.41	-3.402e+04	9.31	-1.06
5	44	-102.86	-1.524e+04	-886.65	-0.34	-1.605e+05	9.01	-1.59
5	44	-51.43	-1.575e+04	-887.47	-0.27	-3.018e+05	7.83	-1.79
5	44	0.0	-1.629e+04	-1121.16	-0.10	-4.603e+05	4.74	2.63

M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-2.637e+04	-1752.43	-1.61	-7.166e+05	-20.34	-11.19
			-1.236e+04	-461.08	-0.07	6.888e+05	15.50	19.24

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

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN cm	daN cm	daN cm
6	1	-360.00	-9330.70	-6714.23	-1.92	2.354e+05	-7.91	2.27
6	1	-308.57	-1.057e+04	-8642.64	-1.92	1.715e+05	-4.25	9.03
6	1	-257.14	-1.162e+04	-9570.16	-0.22	2.186e+05	-3.85	1.83
6	1	-205.71	-1.233e+04	-9906.30	0.18	3.409e+05	-0.80	-0.07
6	1	-154.29	-1.262e+04	-1.008e+04	-0.05	5.304e+05	3.90	-0.89
6	1	-102.86	-1.244e+04	-1.039e+04	-0.96	7.875e+05	12.88	-0.93
6	1	-51.43	-1.178e+04	-1.103e+04	-3.20	1.113e+06	32.27	0.47
6	1	0.0	-1.079e+04	-1.180e+04	-6.97	1.487e+06	77.81	-7.77
6	5	-360.00	-8163.24	-5572.00	0.55	2.168e+05	-5.32	2.10

6	5	-308.57	-9252.32	-7177.98	0.55	1.642e+05	-3.75	9.59
6	5	-257.14	-1.015e+04	-7953.13	0.64	2.084e+05	-4.07	3.37
6	5	-205.71	-1.075e+04	-8234.63	0.36	3.157e+05	-1.72	1.83
6	5	-154.29	-1.100e+04	-8385.88	-3.06e-04	4.797e+05	2.24	1.24
6	5	-102.86	-1.083e+04	-8658.77	-0.68	7.008e+05	9.96	1.31
6	5	-51.43	-1.025e+04	-9214.03	-2.22	9.787e+05	26.80	2.44
6	5	0.0	-9400.30	-9894.74	-4.82	1.295e+06	66.79	-5.71
6	6	-360.00	-6058.92	-4044.27	1.00	1.634e+05	-3.80	1.80
6	6	-308.57	-6861.63	-5213.39	1.00	1.217e+05	-2.60	7.58
6	6	-257.14	-7509.12	-5781.04	0.69	1.530e+05	-2.98	3.00
6	6	-205.71	-7943.35	-5987.49	0.31	2.306e+05	-1.32	1.85
6	6	-154.29	-8107.79	-6099.34	7.45e-04	3.500e+05	1.56	1.40
6	6	-102.86	-7971.46	-6302.50	-0.49	5.114e+05	7.24	1.43
6	6	-51.43	-7528.50	-6717.38	-1.55	7.142e+05	19.69	2.20
6	6	0.0	-6887.09	-7227.27	-3.36	9.445e+05	49.34	-3.98
6	7	-360.00	-6918.85	-4887.20	-1.11	1.769e+05	-5.95	1.82
6	7	-308.57	-7832.54	-6293.79	-1.11	1.270e+05	-3.13	6.94
6	7	-257.14	-8592.76	-6973.67	-0.06	1.604e+05	-2.86	1.61
6	7	-205.71	-9106.06	-7220.37	0.15	2.490e+05	-0.62	0.18
6	7	-154.29	-9305.44	-7350.72	-0.05	3.870e+05	2.86	-0.44
6	7	-102.86	-9155.48	-7582.66	-0.73	5.747e+05	9.56	-0.49
6	7	-51.43	-8649.40	-8053.61	-2.40	8.122e+05	24.05	0.53
6	7	0.0	-7906.28	-8629.70	-5.20	1.084e+06	58.10	-5.60
6	9	-360.00	-6150.04	-4139.84	0.48	1.647e+05	-4.23	1.68
6	9	-308.57	-6965.14	-5335.35	0.48	1.227e+05	-2.83	7.31
6	9	-257.14	-7626.83	-5915.05	0.49	1.545e+05	-3.04	2.61
6	9	-205.71	-8071.83	-6125.81	0.26	2.336e+05	-1.26	1.43
6	9	-154.29	-8242.21	-6239.68	-0.01	3.552e+05	1.73	0.97
6	9	-102.86	-8106.13	-6446.05	-0.54	5.196e+05	7.59	1.00
6	9	-51.43	-7657.00	-6867.05	-1.76	7.263e+05	20.37	1.84
6	9	0.0	-7003.63	-7383.76	-3.78	9.610e+05	50.70	-4.21
6	16	-360.00	-6203.24	-3982.78	2.48	1.611e+05	-0.74	0.04
6	16	-308.57	-7058.93	-5140.98	2.48	1.201e+05	-2.85	7.38
6	16	-257.14	-7759.86	-5708.16	1.26	1.601e+05	-3.98	2.20
6	16	-205.71	-8237.39	-5915.51	0.47	2.458e+05	-2.30	0.85
6	16	-154.29	-8433.86	-6030.98	-0.09	3.733e+05	1.01	0.33
6	16	-102.86	-8314.85	-6242.64	-0.98	5.421e+05	7.59	0.43
6	16	-51.43	-7874.66	-6672.73	-2.86	7.513e+05	21.59	1.61
6	16	0.0	-7233.83	-7201.01	-5.59	9.866e+05	53.51	-4.05
6	18	-360.00	-5473.47	-3254.24	1.64	1.634e+05	-4.47	1.23
6	18	-308.57	-6190.08	-4285.43	1.64	1.058e+05	-2.32	6.60
6	18	-257.14	-6783.38	-4813.49	0.86	1.181e+05	-2.70	2.15
6	18	-205.71	-7194.73	-4999.00	0.30	1.684e+05	-1.23	0.84
6	18	-154.29	-7380.50	-5063.86	-0.12	2.494e+05	1.51	0.13
6	18	-102.86	-7312.88	-5139.38	-0.87	3.555e+05	7.12	-0.12
6	18	-51.43	-6954.59	-5301.56	-2.54	4.816e+05	19.33	0.58
6	18	0.0	-6318.53	-5542.03	-5.16	6.211e+05	47.52	-3.57
6	21	-360.00	-6754.02	-4976.08	-2.57	1.617e+05	-5.22	1.44
6	21	-308.57	-7662.72	-6324.25	-2.57	1.347e+05	-4.26	6.54
6	21	-257.14	-8393.76	-6951.22	-0.60	1.854e+05	-3.66	1.42
6	21	-205.71	-8874.95	-7185.94	0.04	2.923e+05	-1.21	0.34
6	21	-154.29	-9032.72	-7349.62	0.05	4.535e+05	2.31	0.10
6	21	-102.86	-8829.07	-7690.41	-0.39	6.752e+05	8.72	0.44
6	21	-51.43	-8285.66	-8378.57	-1.55	9.612e+05	22.59	1.65
6	21	0.0	-7606.71	-9183.16	-3.64	1.289e+06	55.84	-5.59
6	42	-360.00	-6118.89	-4110.81	-0.40	1.631e+05	-4.83	1.36
6	42	-308.57	-6930.54	-5298.64	-0.40	1.206e+05	-3.26	6.63
6	42	-257.14	-7590.85	-5875.28	0.15	1.521e+05	-3.17	1.85
6	42	-205.71	-8035.32	-6085.10	0.18	2.305e+05	-1.22	0.65
6	42	-154.29	-8205.55	-6199.34	-0.04	3.515e+05	1.90	0.18
6	42	-102.86	-8068.91	-6407.52	-0.65	5.153e+05	7.91	0.22
6	42	-51.43	-7618.10	-6832.61	-2.09	7.213e+05	20.94	1.19
6	42	0.0	-6962.23	-7354.68	-4.48	9.550e+05	51.60	-4.44
6	43	-360.00	-6118.89	-4110.81	-0.40	1.631e+05	-4.83	1.36
6	43	-308.57	-6930.54	-5298.64	-0.40	1.206e+05	-3.26	6.63
6	43	-257.14	-7590.85	-5875.28	0.15	1.521e+05	-3.17	1.85
6	43	-205.71	-8035.32	-6085.10	0.18	2.305e+05	-1.22	0.65
6	43	-154.29	-8205.55	-6199.34	-0.04	3.515e+05	1.90	0.18
6	43	-102.86	-8068.91	-6407.52	-0.65	5.153e+05	7.91	0.22
6	43	-51.43	-7618.10	-6832.61	-2.09	7.213e+05	20.94	1.19
6	43	0.0	-6962.23	-7354.68	-4.48	9.550e+05	51.60	-4.44
6	44	-360.00	-6118.89	-4110.81	-0.40	1.631e+05	-4.83	1.36
6	44	-308.57	-6930.54	-5298.64	-0.40	1.206e+05	-3.26	6.63
6	44	-257.14	-7590.85	-5875.28	0.15	1.521e+05	-3.17	1.85
6	44	-205.71	-8035.32	-6085.10	0.18	2.305e+05	-1.22	0.65
6	44	-154.29	-8205.55	-6199.34	-0.04	3.515e+05	1.90	0.18
6	44	-102.86	-8068.91	-6407.52	-0.65	5.153e+05	7.91	0.22

6	44	-51.43	-7618.10	-6832.61	-2.09	7.213e+05	20.94	1.19
6	44	0.0	-6962.23	-7354.68	-4.48	9.550e+05	51.60	-4.44

M_S	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
	-1.262e+04	-1.180e+04	-6.97	1.058e+05	-7.91	-7.77
	-5473.47	-3254.24	2.48	1.487e+06	77.81	9.59

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

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN cm	daN cm	daN cm
7	1	-360.00	-6214.10	1994.07	-31.28	-9.106e+04	-22.11	14.48
7	1	-308.57	-7249.39	2421.35	-31.28	1.042e+05	-3.10	-5.91
7	1	-257.14	-7322.81	2407.06	-12.48	1.259e+05	6.14	-1.66
7	1	-205.71	-7305.50	2394.95	-3.47	1.301e+05	8.35	0.61
7	1	-154.29	-7200.81	2355.03	0.28	1.136e+05	6.30	2.49
7	1	-102.86	-7032.11	2246.35	3.78	7.507e+04	0.22	3.29
7	1	-51.43	-6865.04	1995.38	10.48	1.056e+04	-11.12	1.31
7	1	0.0	-6820.05	1472.12	19.90	-6.991e+04	-29.07	-4.90
7	6	-360.00	-3857.92	695.48	-19.02	-4.741e+04	-13.20	8.43
7	6	-308.57	-4520.60	810.65	-19.02	6.467e+04	-2.23	-3.24
7	6	-257.14	-4606.64	739.37	-7.59	7.712e+04	3.45	-0.84
7	6	-205.71	-4628.93	711.23	-2.09	7.487e+04	4.83	0.57
7	6	-154.29	-4585.99	686.40	0.24	5.822e+04	3.58	1.78
7	6	-102.86	-4491.26	633.02	2.50	2.778e+04	-0.16	2.29
7	6	-51.43	-4373.96	509.83	6.89	-1.720e+04	-7.10	0.94
7	6	0.0	-4284.66	251.30	13.10	-6.992e+04	-18.22	-3.32
7	7	-360.00	-4690.51	1378.20	-22.89	-6.967e+04	-16.23	10.79
7	7	-308.57	-5468.15	1671.65	-22.89	7.362e+04	-2.16	-4.29
7	7	-257.14	-5530.18	1652.34	-9.14	8.896e+04	4.64	-1.12
7	7	-205.71	-5523.14	1640.59	-2.54	9.062e+04	6.27	0.54
7	7	-154.29	-5448.28	1610.29	0.21	7.649e+04	4.76	1.91
7	7	-102.86	-5322.52	1529.11	2.81	4.562e+04	0.29	2.47
7	7	-51.43	-5194.20	1342.04	7.80	-4949.84	-8.04	0.98
7	7	0.0	-5152.36	955.43	14.85	-6.786e+04	-21.06	-3.68
7	9	-360.00	-3994.89	822.53	-19.45	-5.357e+04	-13.43	8.79
7	9	-308.57	-4666.70	976.11	-19.45	6.312e+04	-2.13	-3.36
7	9	-257.14	-4739.12	919.17	-7.76	7.614e+04	3.65	-0.84
7	9	-205.71	-4747.89	895.78	-2.14	7.509e+04	5.04	0.61
7	9	-154.29	-4691.86	870.01	0.23	5.974e+04	3.72	1.83
7	9	-102.86	-4584.83	810.17	2.53	3.028e+04	-0.15	2.35
7	9	-51.43	-4459.93	672.21	6.98	-1.459e+04	-7.34	1.00
7	9	0.0	-4376.92	386.91	13.29	-6.820e+04	-18.75	-3.25
7	17	-360.00	-4180.65	1956.11	-20.60	-8.211e+04	-14.44	10.06
7	17	-308.57	-4820.51	2413.26	-20.60	5.959e+04	-1.63	-4.01
7	17	-257.14	-4788.10	2475.05	-8.22	8.109e+04	4.38	-0.93
7	17	-205.71	-4715.83	2494.85	-2.31	9.704e+04	5.86	0.65
7	17	-154.29	-4613.19	2485.33	0.15	1.041e+05	4.58	1.98
7	17	-102.86	-4496.78	2442.22	2.48	1.019e+05	0.74	2.65
7	17	-51.43	-4404.70	2325.56	6.98	8.859e+04	-6.31	1.54
7	17	0.0	-4400.53	2010.98	13.37	6.910e+04	-17.07	-2.65
7	22	-360.00	-4396.18	404.56	-17.75	-8.085e+04	-14.27	8.06
7	22	-308.57	-5115.18	464.96	-17.75	1.808e+04	-1.07	-5.35
7	22	-257.14	-5254.81	383.61	-7.16	1.922e+04	4.96	-2.59
7	22	-205.71	-5315.26	351.76	-2.03	4269.59	6.83	-1.59
7	22	-154.29	-5283.22	318.42	-0.15	-2.608e+04	6.55	-0.89
7	22	-102.86	-5165.74	239.19	0.92	-7.196e+04	4.70	-0.55
7	22	-51.43	-5004.80	61.10	2.68	-1.362e+05	1.15	-0.78
7	22	0.0	-4891.37	-265.01	5.64	-2.134e+05	-4.11	-1.13
7	23	-360.00	-3974.70	1533.05	-20.97	-5.065e+04	-12.10	10.31
7	23	-308.57	-4598.65	1887.90	-20.97	9.159e+04	-2.43	-1.50
7	23	-257.14	-4550.63	1904.24	-8.30	1.170e+05	2.95	1.16
7	23	-205.71	-4456.96	1906.13	-2.25	1.331e+05	3.74	3.02
7	23	-154.29	-4328.19	1885.63	0.58	1.370e+05	1.24	4.70
7	23	-102.86	-4184.49	1824.48	4.10	1.278e+05	-4.97	5.37
7	23	-51.43	-4061.82	1679.57	11.29	1.038e+05	-16.34	2.95
7	23	0.0	-4019.43	1356.38	21.05	7.176e+04	-34.16	-5.02
7	25	-360.00	-3993.53	1608.46	-21.11	-5.341e+04	-12.11	10.32
7	25	-308.57	-4616.28	1982.22	-21.11	9.056e+04	-2.38	-1.67

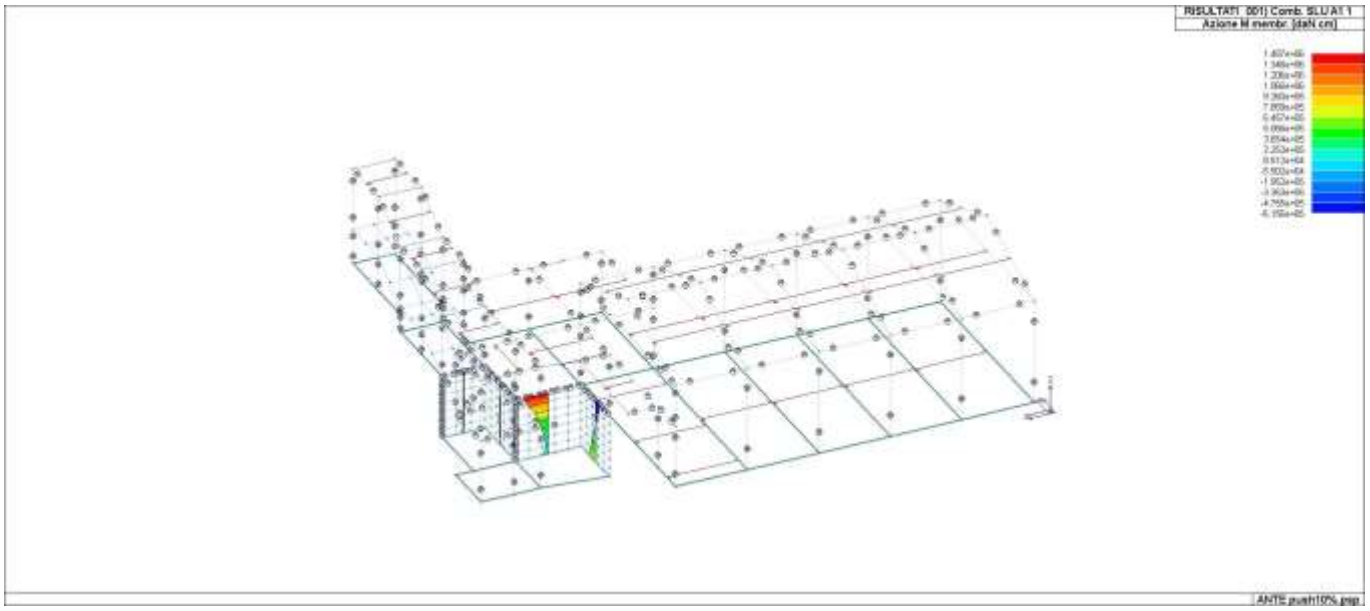
7	25	-257.14	-4562.40	2005.57	-8.35	1.167e+05	3.03	1.04
7	25	-205.71	-4464.23	2010.07	-2.27	1.340e+05	3.84	2.91
7	25	-154.29	-4332.98	1991.15	0.58	1.397e+05	1.34	4.60
7	25	-102.86	-4189.02	1933.01	4.12	1.329e+05	-4.88	5.27
7	25	-51.43	-4068.44	1793.63	11.37	1.118e+05	-16.29	2.84
7	25	0.0	-4029.79	1473.96	21.21	8.303e+04	-34.18	-5.22
7	42	-360.00	-4174.63	977.89	-19.37	-6.553e+04	-13.09	9.12
7	42	-308.57	-4842.69	1188.45	-19.37	5.547e+04	-1.80	-3.42
7	42	-257.14	-4884.10	1157.20	-7.73	6.926e+04	3.88	-0.73
7	42	-205.71	-4863.47	1142.65	-2.14	7.039e+04	5.20	0.70
7	42	-154.29	-4779.64	1115.78	0.22	5.782e+04	3.78	1.90
7	42	-102.86	-4646.39	1045.42	2.52	3.099e+04	-0.28	2.41
7	42	-51.43	-4502.62	883.46	7.01	-1.241e+04	-7.81	1.09
7	42	0.0	-4423.30	557.96	13.39	-6.626e+04	-19.51	-3.07
7	43	-360.00	-4174.63	977.89	-19.37	-6.553e+04	-13.09	9.12
7	43	-308.57	-4842.69	1188.45	-19.37	5.547e+04	-1.80	-3.42
7	43	-257.14	-4884.10	1157.20	-7.73	6.926e+04	3.88	-0.73
7	43	-205.71	-4863.47	1142.65	-2.14	7.039e+04	5.20	0.70
7	43	-154.29	-4779.64	1115.78	0.22	5.782e+04	3.78	1.90
7	43	-102.86	-4646.39	1045.42	2.52	3.099e+04	-0.28	2.41
7	43	-51.43	-4502.62	883.46	7.01	-1.241e+04	-7.81	1.09
7	43	0.0	-4423.30	557.96	13.39	-6.626e+04	-19.51	-3.07
7	44	-360.00	-4174.63	977.89	-19.37	-6.553e+04	-13.09	9.12
7	44	-308.57	-4842.69	1188.45	-19.37	5.547e+04	-1.80	-3.42
7	44	-257.14	-4884.10	1157.20	-7.73	6.926e+04	3.88	-0.73
7	44	-205.71	-4863.47	1142.65	-2.14	7.039e+04	5.20	0.70
7	44	-154.29	-4779.64	1115.78	0.22	5.782e+04	3.78	1.90
7	44	-102.86	-4646.39	1045.42	2.52	3.099e+04	-0.28	2.41
7	44	-51.43	-4502.62	883.46	7.01	-1.241e+04	-7.81	1.09
7	44	0.0	-4423.30	557.96	13.39	-6.626e+04	-19.51	-3.07

M_S	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
	-7322.81	-265.01	-31.28	-2.134e+05	-34.18	-5.91
	-3857.92	2494.85	21.21	1.397e+05	8.35	14.48

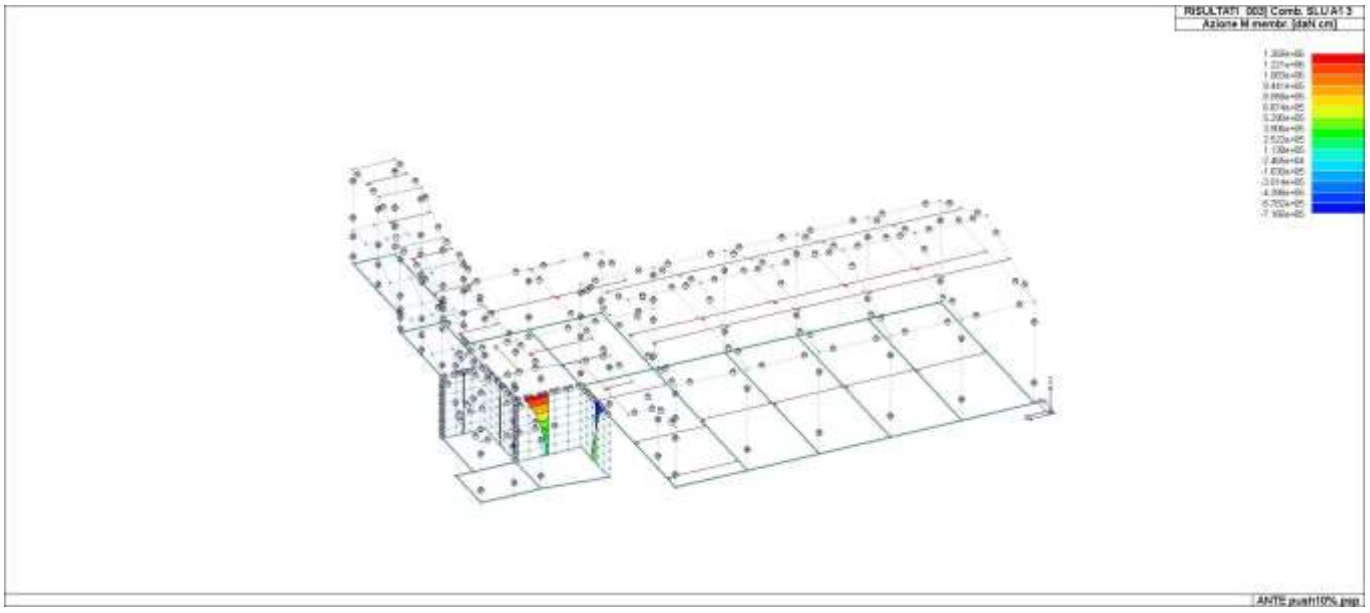
Macro	Tipo	Angolo 1-Z (gradi)
8	**Setto**	**0.0**

M_S	**Cmb**	**Z**	**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
		cm	daN	daN	daN	daN cm	daN cm	daN cm
8	1	-360.00	-2719.54	-1069.07	-0.41	7.858e+04	-4.73	-5.23
8	1	-308.57	-3121.39	-1503.57	-0.41	2.471e+04	5.26	-3.44
8	1	-257.14	-3200.61	-1716.69	-0.56	1.255e+04	6.84	-2.75
8	1	-205.71	-3228.46	-1776.37	-0.54	1.231e+04	7.88	-0.71
8	1	-154.29	-3207.83	-1788.03	-0.53	1.749e+04	8.97	1.64
8	1	-102.86	-3139.24	-1814.33	-0.50	2.514e+04	11.26	4.29
8	1	-51.43	-2987.32	-1895.35	-0.42	3.440e+04	15.61	7.53
8	1	0.0	-2678.24	-2016.00	-1.43	4.888e+04	31.74	6.84
8	6	-360.00	-1693.57	-541.57	1.39	4.587e+04	0.56	-4.92
8	6	-308.57	-1985.94	-757.62	1.39	1.159e+04	3.89	-0.93
8	6	-257.14	-2065.80	-872.54	1.27	7264.05	3.56	-0.06
8	6	-205.71	-2112.60	-904.66	1.26	9706.96	3.20	1.43
8	6	-154.29	-2126.52	-916.69	1.26	1.650e+04	2.86	2.59
8	6	-102.86	-2104.54	-948.39	1.27	2.724e+04	3.16	3.34
8	6	-51.43	-2031.91	-1025.35	1.31	4.301e+04	4.99	3.76
8	6	0.0	-1886.69	-1132.49	3.44	6.566e+04	13.74	1.64
8	7	-360.00	-2058.72	-788.88	-0.15	5.945e+04	-3.12	-4.25
8	7	-308.57	-2371.15	-1110.33	-0.15	1.909e+04	3.79	-2.44
8	7	-257.14	-2442.31	-1268.92	-0.27	1.082e+04	4.84	-1.96
8	7	-205.71	-2475.52	-1313.04	-0.27	1.133e+04	5.56	-0.42
8	7	-154.29	-2473.38	-1321.28	-0.26	1.592e+04	6.32	1.33
8	7	-102.86	-2436.06	-1339.77	-0.24	2.245e+04	7.92	3.26
8	7	-51.43	-2336.84	-1397.55	-0.19	3.030e+04	10.90	5.56
8	7	0.0	-2120.54	-1483.50	-1.06	4.206e+04	22.05	4.90
8	9	-360.00	-1764.48	-572.21	1.03	4.895e+04	-0.25	-4.77
8	9	-308.57	-2059.34	-800.00	1.03	1.332e+04	3.73	-1.24
8	9	-257.14	-2134.99	-920.06	0.90	8164.33	3.72	-0.50
8	9	-205.71	-2177.90	-953.19	0.90	9934.14	3.63	0.98
8	9	-154.29	-2189.52	-963.57	0.90	1.580e+04	3.56	2.26
8	9	-102.86	-2168.23	-991.23	0.91	2.492e+04	4.14	3.27

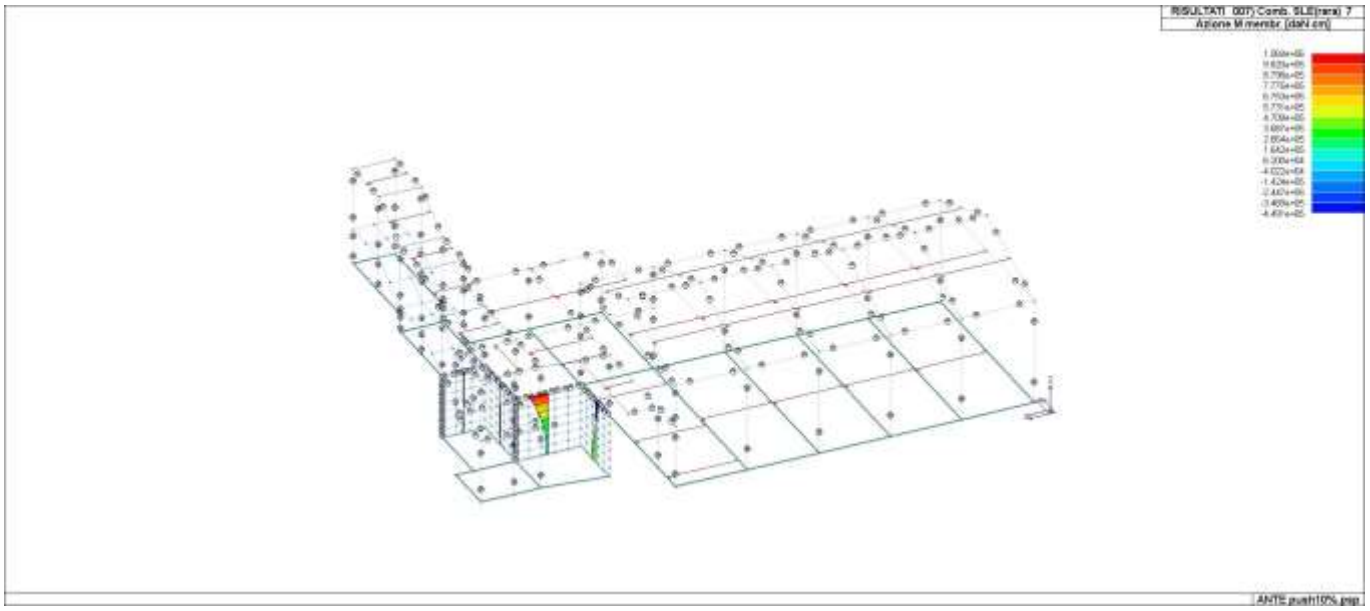
8	9	-51.43	-2097.24	-1062.68	0.94	3.793e+04	6.04	4.11
8	9	0.0	-1946.90	-1165.34	2.03	5.684e+04	14.67	2.35
8	16	-360.00	-1792.99	-470.64	1.64	4.589e+04	2.29	-6.87
8	16	-308.57	-2156.23	-667.44	1.64	1.023e+04	3.17	-1.17
8	16	-257.14	-2307.39	-778.38	1.48	9332.75	2.76	-0.53
8	16	-205.71	-2435.53	-807.02	1.45	1.420e+04	2.65	1.18
8	16	-154.29	-2547.03	-815.11	1.43	2.266e+04	2.57	2.60
8	16	-102.86	-2641.66	-842.43	1.41	3.381e+04	3.00	3.60
8	16	-51.43	-2700.91	-919.46	1.40	4.812e+04	3.75	4.24
8	16	0.0	-2677.10	-1044.87	0.47	6.781e+04	9.14	1.61
8	21	-360.00	-1867.51	-444.73	-0.15	4.885e+04	-2.68	-4.16
8	21	-308.57	-2136.95	-572.28	-0.15	160.05	4.76	-3.24
8	21	-257.14	-2083.10	-661.85	-0.25	-1.381e+04	5.68	-2.27
8	21	-205.71	-1983.43	-687.01	-0.24	-2.117e+04	6.09	-0.69
8	21	-154.29	-1833.95	-714.44	-0.23	-2.460e+04	6.57	0.99
8	21	-102.86	-1632.72	-811.67	-0.21	-2.407e+04	7.98	2.77
8	21	-51.43	-1378.15	-1055.26	-0.15	-1.736e+04	10.69	4.88
8	21	0.0	-1092.86	-1408.05	-0.47	-2057.08	22.61	4.44
8	23	-360.00	-1839.99	-431.13	0.26	4.645e+04	-1.69	-4.53
8	23	-308.57	-2119.41	-556.17	0.26	-1742.61	5.07	-3.01
8	23	-257.14	-2078.75	-645.20	0.15	-1.490e+04	5.69	-1.86
8	23	-205.71	-1991.72	-670.63	0.15	-2.151e+04	5.88	-0.18
8	23	-154.29	-1853.46	-700.72	0.15	-2.404e+04	6.14	1.46
8	23	-102.86	-1660.94	-806.46	0.17	-2.217e+04	7.32	3.06
8	23	-51.43	-1414.02	-1068.62	0.22	-1.332e+04	9.65	4.82
8	23	0.0	-1141.39	-1444.89	-6.09e-03	4765.28	20.91	3.85
8	24	-360.00	-1898.35	-765.78	0.74	6.100e+04	-0.87	-4.92
8	24	-308.57	-2225.29	-1116.60	0.74	3.445e+04	1.47	-0.28
8	24	-257.14	-2419.16	-1277.26	0.60	3.590e+04	1.75	-0.51
8	24	-205.71	-2598.35	-1318.68	0.59	4.456e+04	2.22	0.73
8	24	-154.29	-2776.18	-1302.58	0.58	5.619e+04	2.66	2.00
8	24	-102.86	-2957.84	-1237.27	0.57	6.742e+04	3.39	3.19
8	24	-51.43	-3103.79	-1097.96	0.56	7.543e+04	4.47	4.34
8	24	0.0	-3099.77	-911.72	-1.33	8.239e+04	7.83	2.81
8	42	-360.00	-1872.93	-588.45	0.41	5.436e+04	-1.54	-4.60
8	42	-308.57	-2170.75	-819.35	0.41	1.650e+04	3.25	-1.69
8	42	-257.14	-2238.35	-941.55	0.29	1.019e+04	3.77	-1.26
8	42	-205.71	-2275.43	-974.09	0.28	1.067e+04	4.15	0.18
8	42	-154.29	-2286.34	-980.82	0.28	1.460e+04	4.54	1.64
8	42	-102.86	-2272.44	-1000.83	0.29	2.042e+04	5.56	3.07
8	42	-51.43	-2214.24	-1062.27	0.31	2.795e+04	7.38	4.60
8	42	0.0	-2069.50	-1158.42	-0.74	3.942e+04	14.98	3.45
8	43	-360.00	-1872.93	-588.45	0.41	5.436e+04	-1.54	-4.60
8	43	-308.57	-2170.75	-819.35	0.41	1.650e+04	3.25	-1.69
8	43	-257.14	-2238.35	-941.55	0.29	1.019e+04	3.77	-1.26
8	43	-205.71	-2275.43	-974.09	0.28	1.067e+04	4.15	0.18
8	43	-154.29	-2286.34	-980.82	0.28	1.460e+04	4.54	1.64
8	43	-102.86	-2272.44	-1000.83	0.29	2.042e+04	5.56	3.07
8	43	-51.43	-2214.24	-1062.27	0.31	2.795e+04	7.38	4.60
8	43	0.0	-2069.50	-1158.42	-0.74	3.942e+04	14.98	3.45
8	44	-360.00	-1872.93	-588.45	0.41	5.436e+04	-1.54	-4.60
8	44	-308.57	-2170.75	-819.35	0.41	1.650e+04	3.25	-1.69
8	44	-257.14	-2238.35	-941.55	0.29	1.019e+04	3.77	-1.26
8	44	-205.71	-2275.43	-974.09	0.28	1.067e+04	4.15	0.18
8	44	-154.29	-2286.34	-980.82	0.28	1.460e+04	4.54	1.64
8	44	-102.86	-2272.44	-1000.83	0.29	2.042e+04	5.56	3.07
8	44	-51.43	-2214.24	-1062.27	0.31	2.795e+04	7.38	4.60
8	44	0.0	-2069.50	-1158.42	-0.74	3.942e+04	14.98	3.45
M_S			**N memb.**	**V memb.**	**V orto**	**M memb.**	**M orto**	**T**
			-3228.46	-2016.00	-1.43	-2.460e+04	-4.73	-6.87
			-1092.86	-431.13	3.44	8.239e+04	31.74	7.53



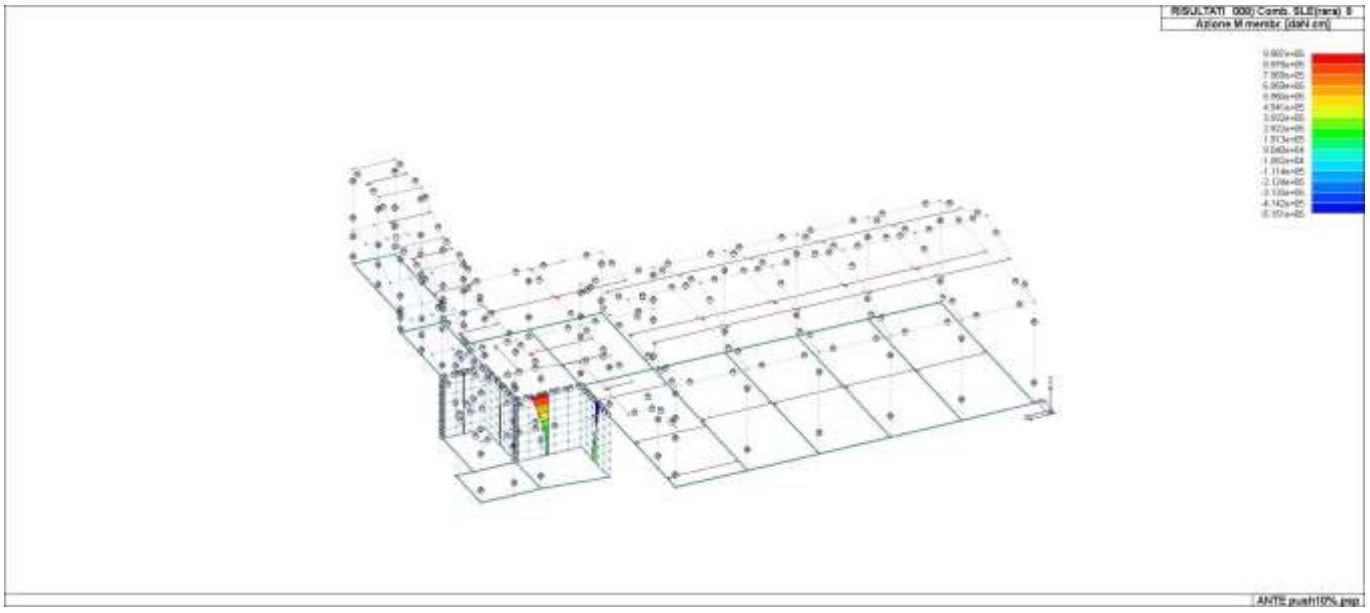
47_RIS_M_001_Comb. SLU A1 1



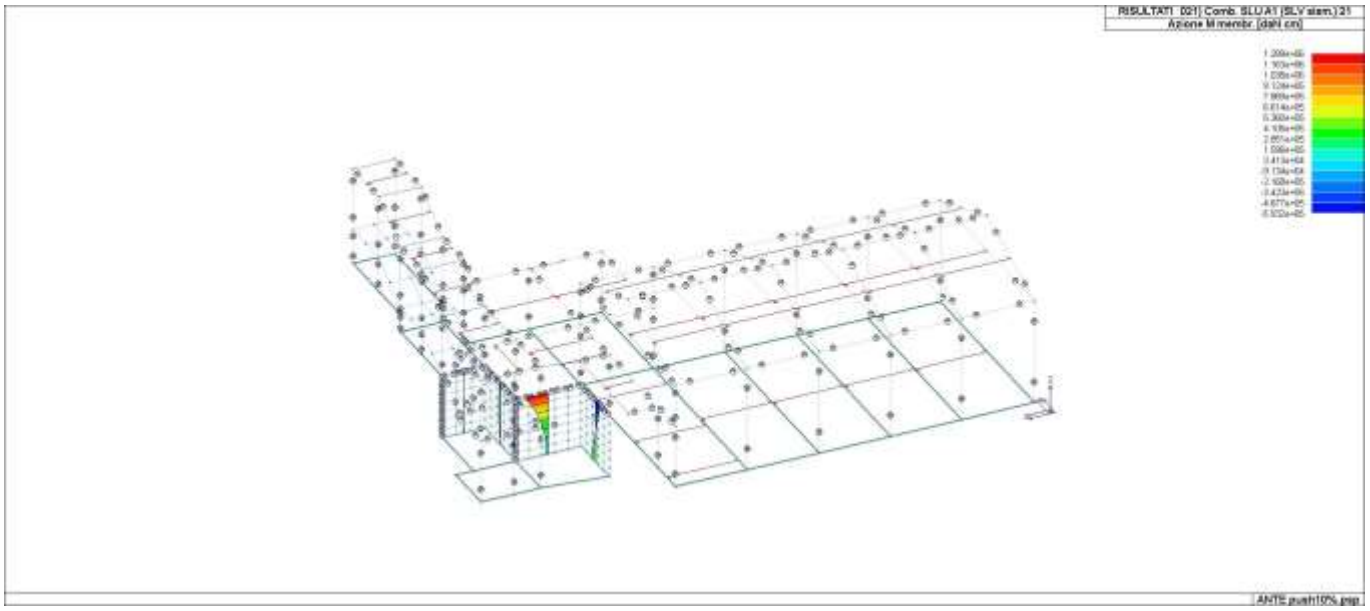
47_RIS_M_003_Comb. SLU A1 3



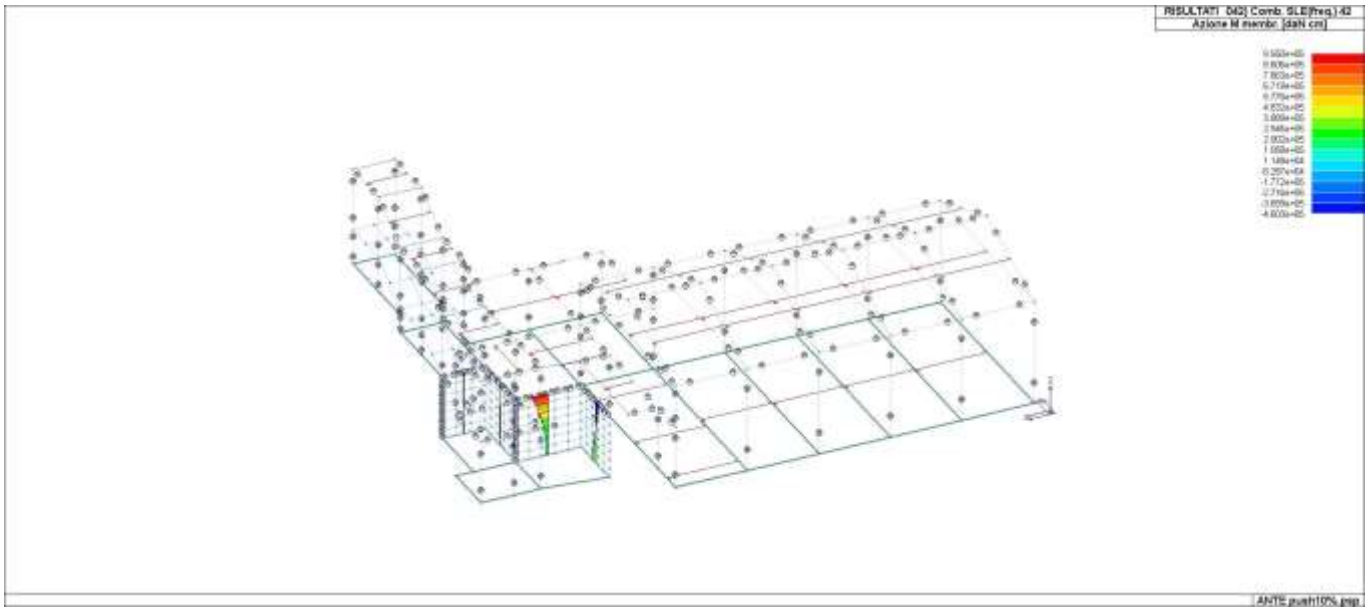
47_RIS_M_007_Comb. SLE(rara) 7



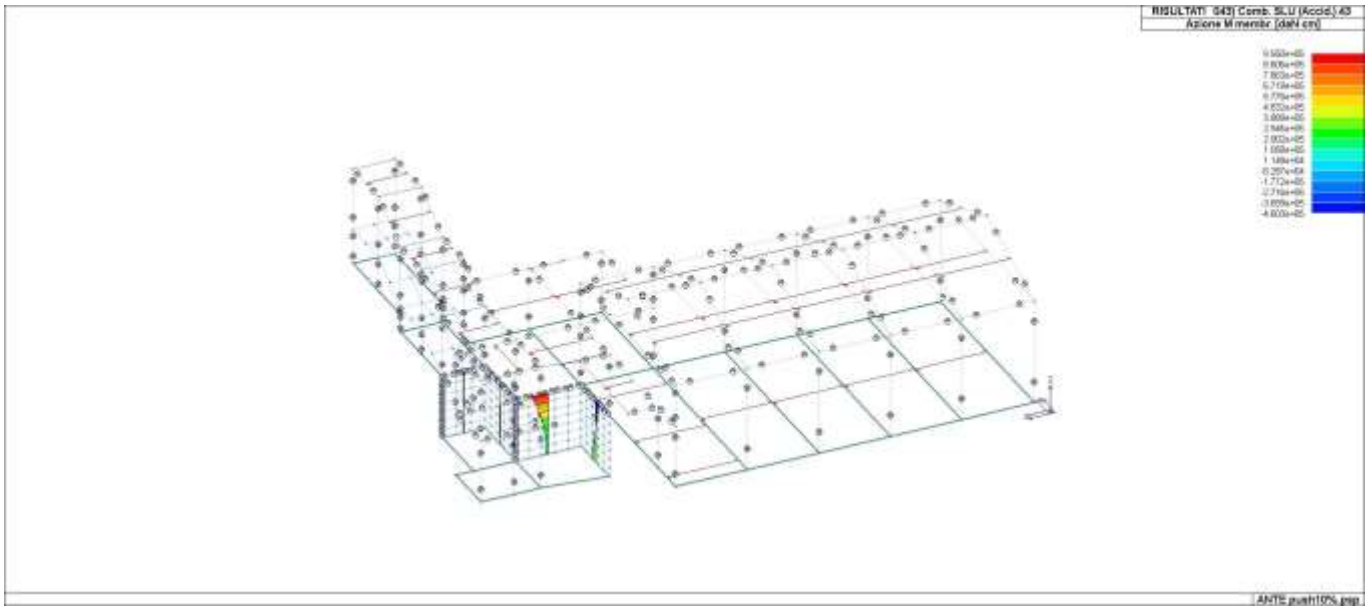
47_RIS_M_008_Comb. SLE(rara) 8



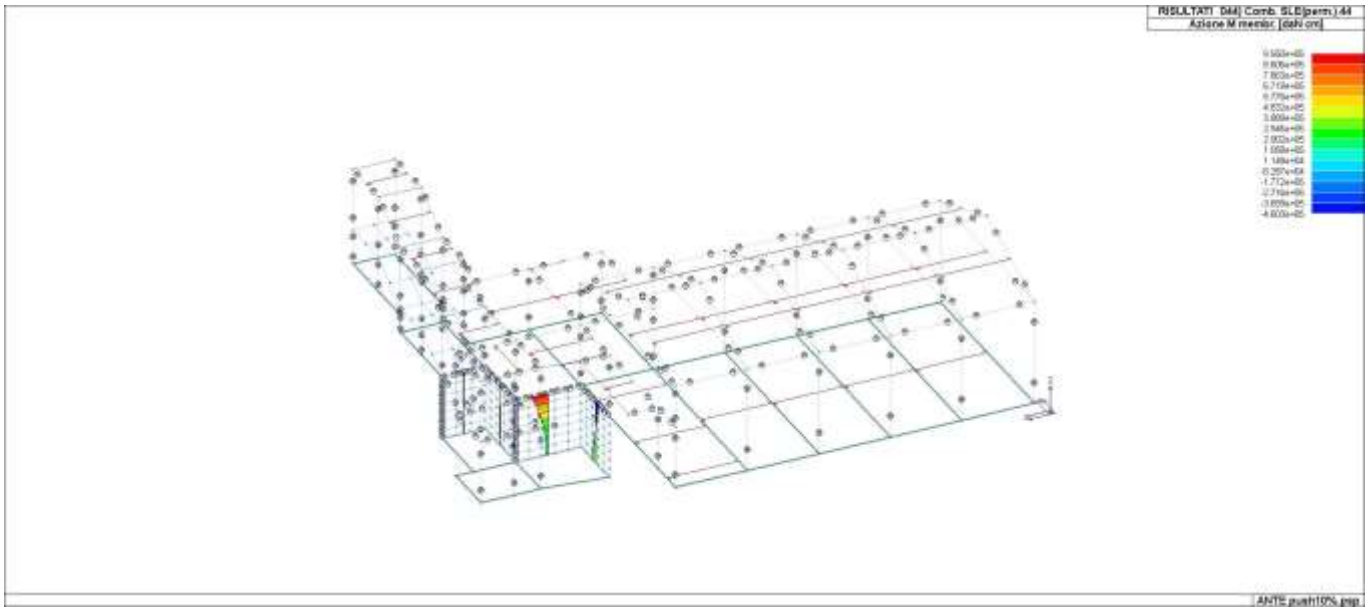
47_RIS_M_021_Comb. SLU A1 (SLV sism.) 21



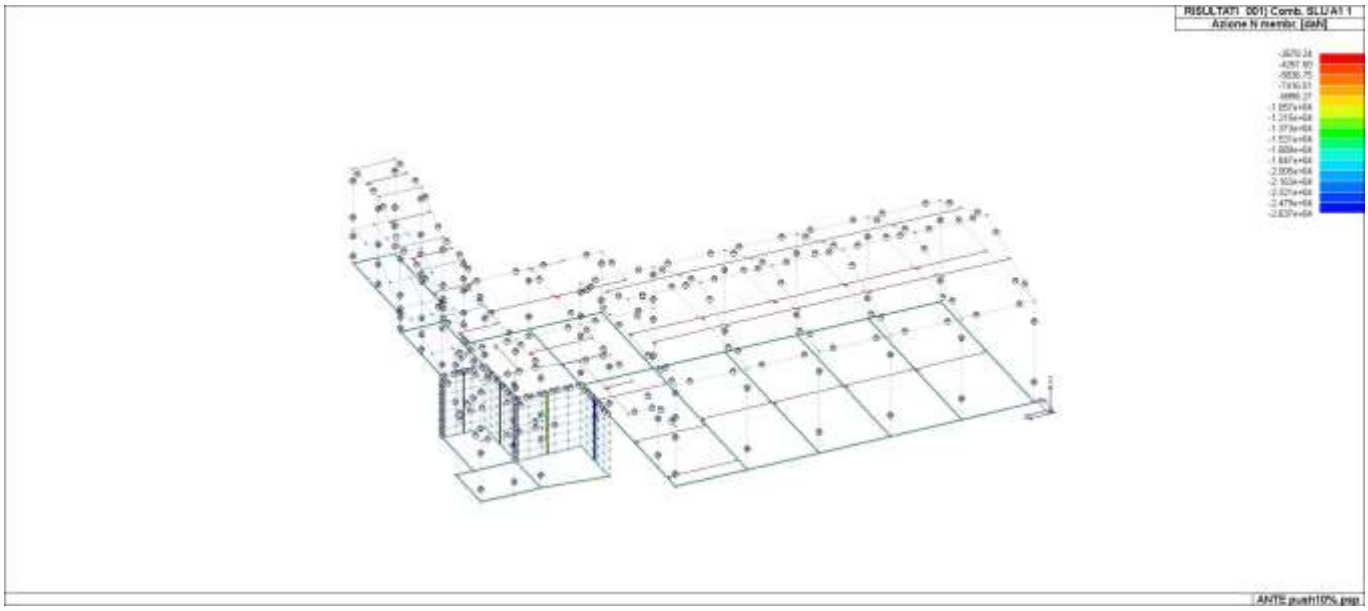
47_RIS_M_042_Comb. SLE(freq.) 42



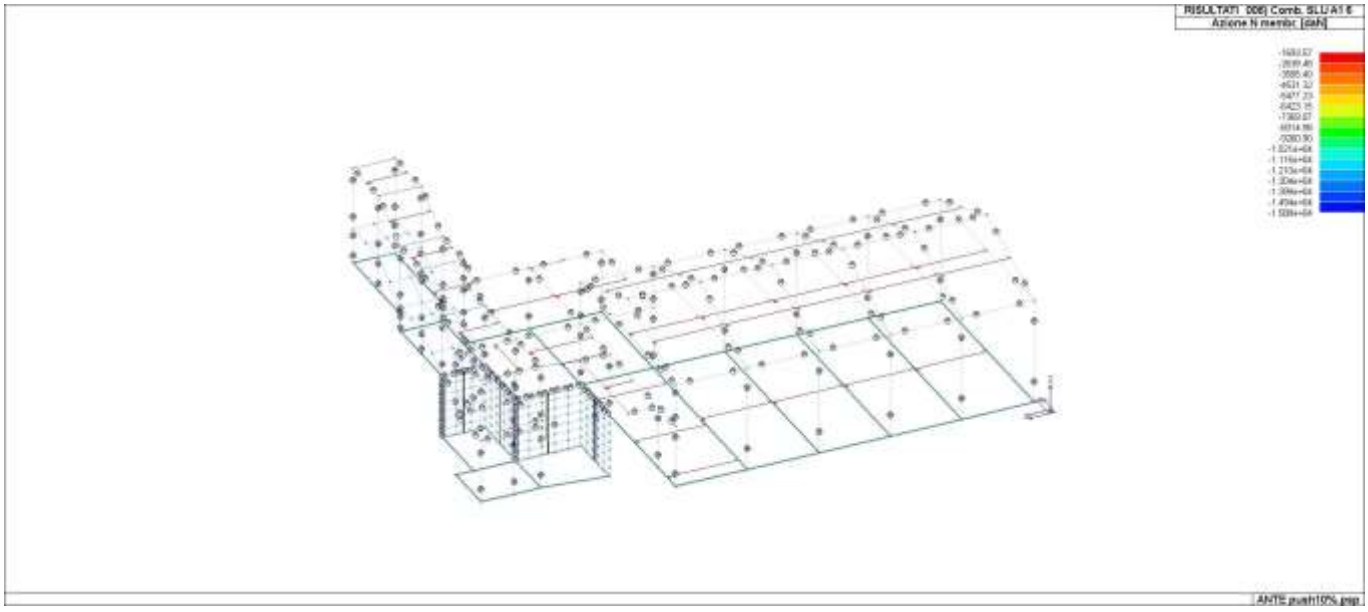
47_RIS_M_043_Comb. SLU (Accid.) 43



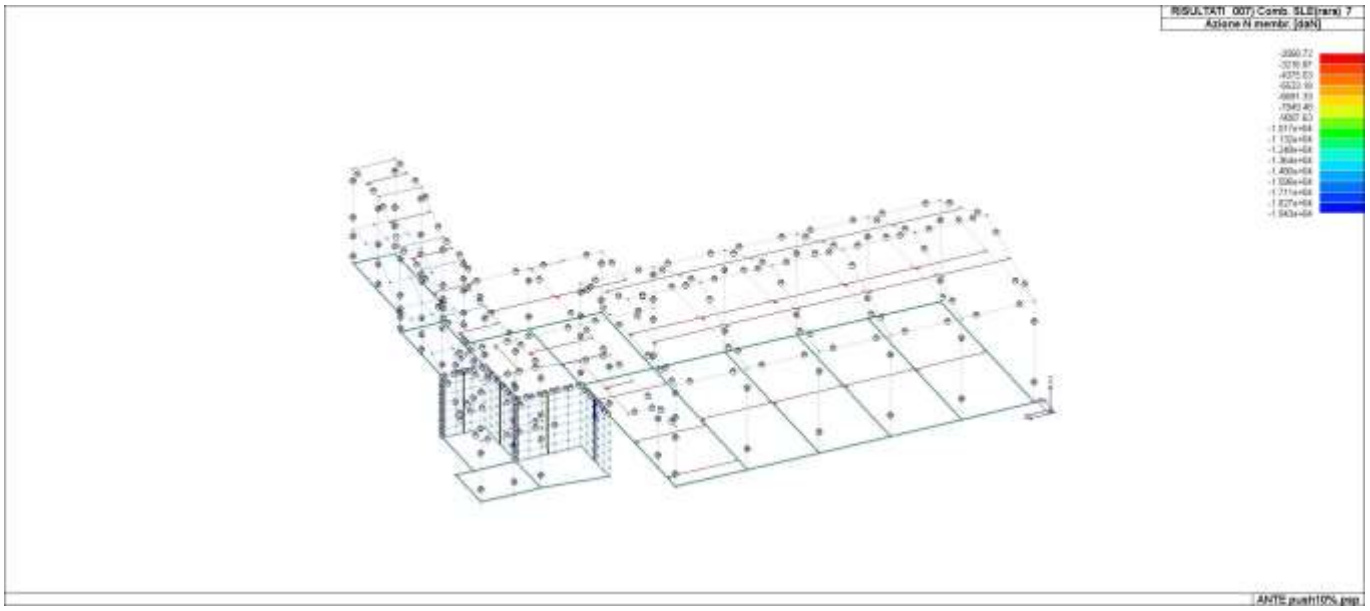
47_RIS_M_044_Comb. SLE(perm.) 44



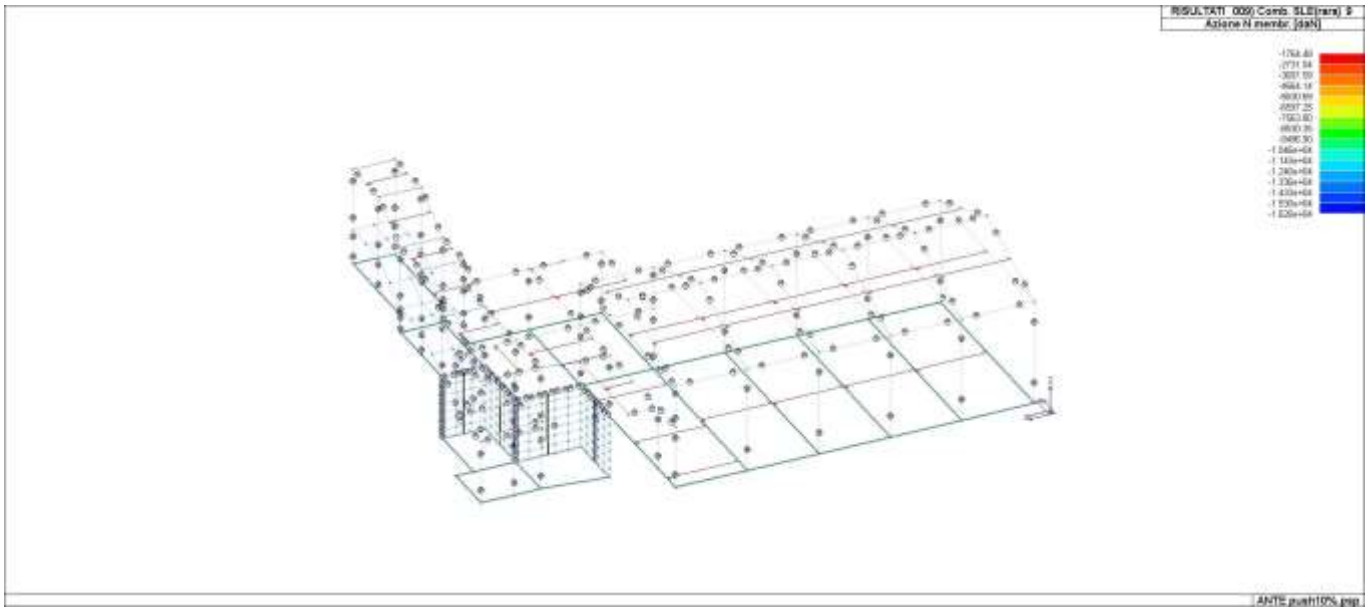
47_RIS_N_001_Comb. SLU A1 1



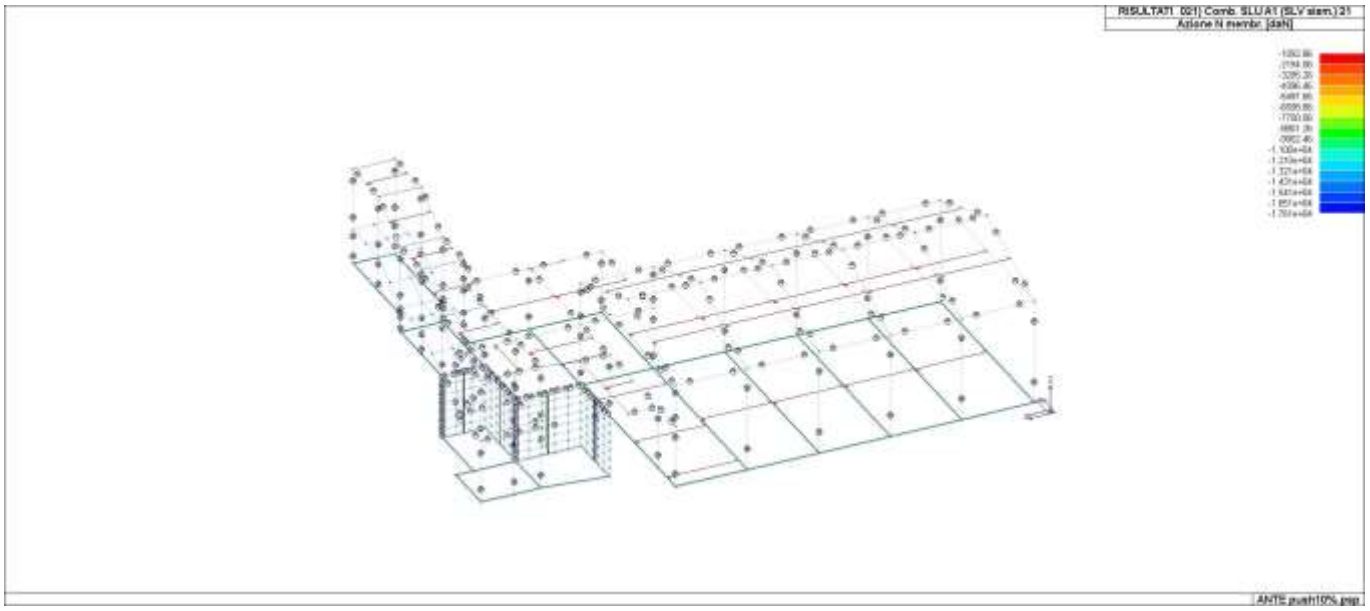
47_RIS_N_006_Comb. SLU A1 6



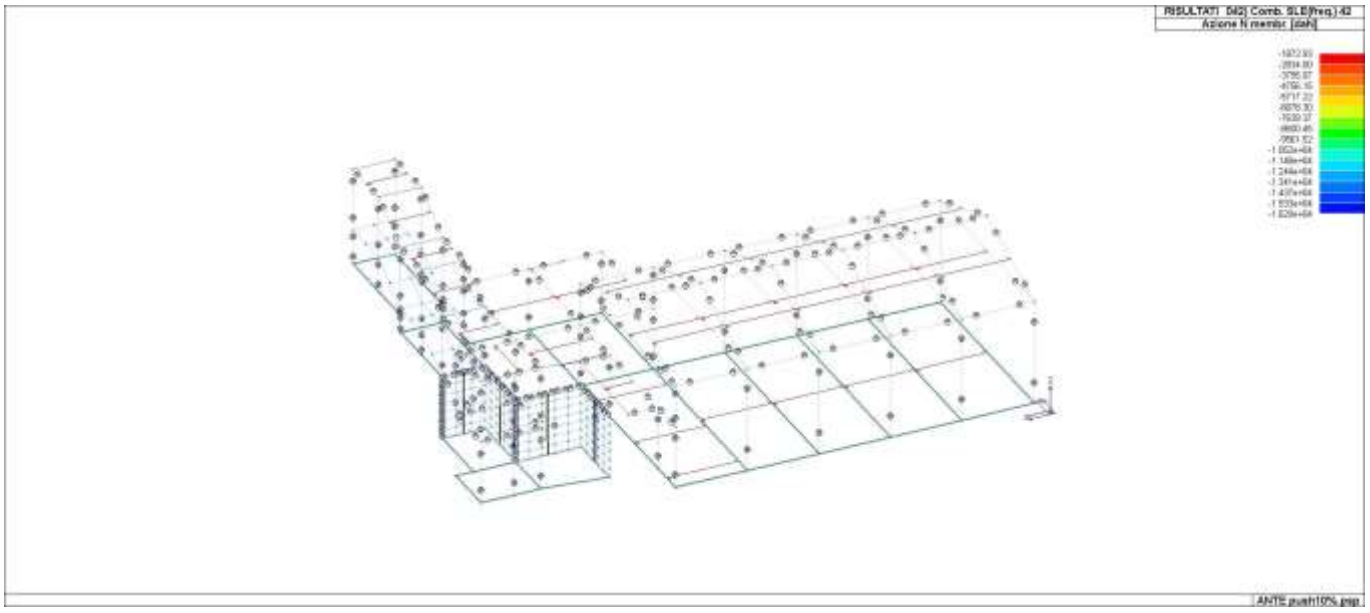
47_RIS_N_007_Comb. SLE(rara) 7



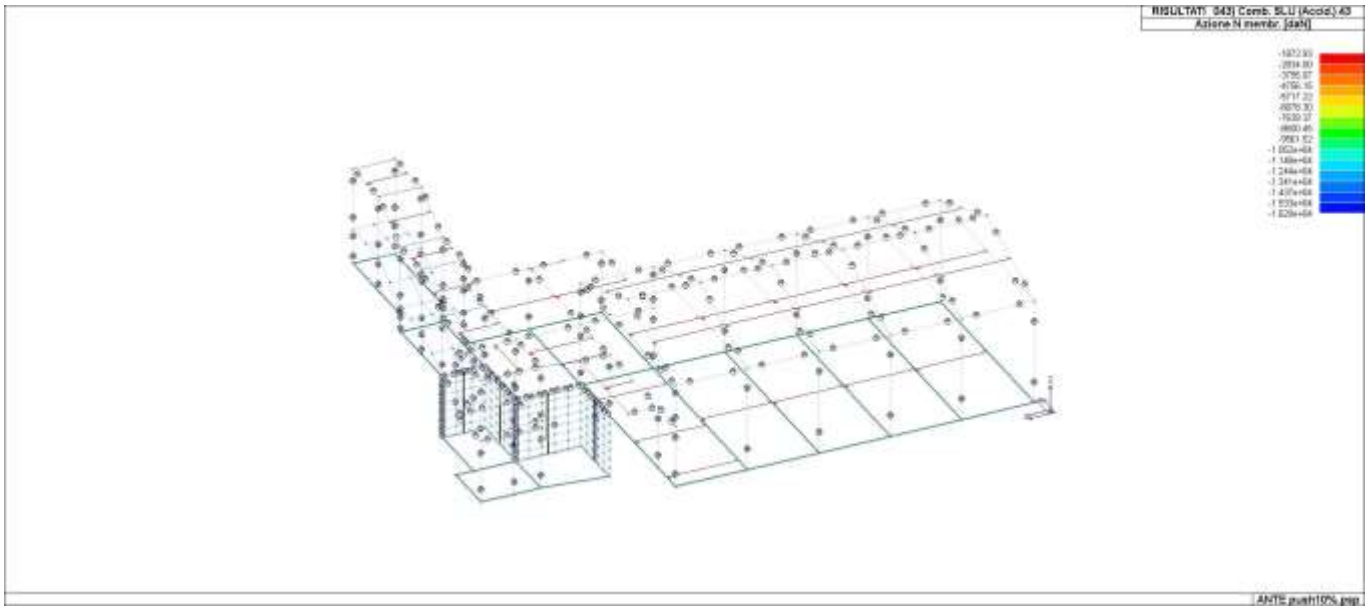
47_RIS_N_009_Comb. SLE(rara) 9



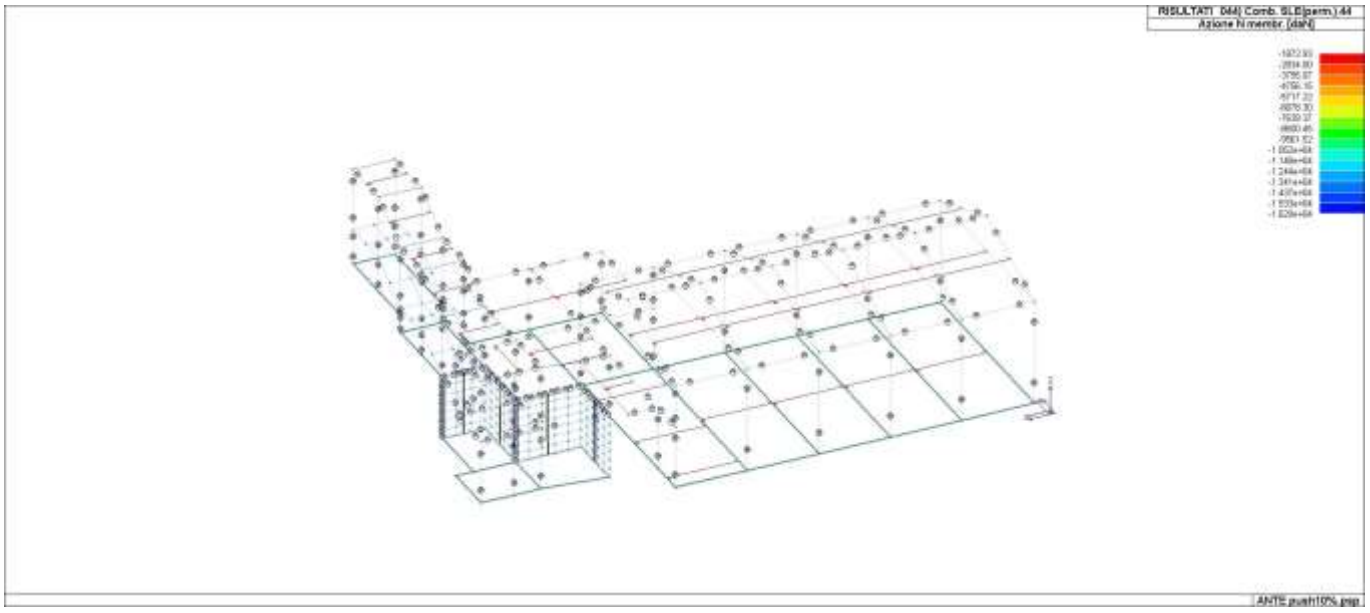
47_RIS_N_021_Comb. SLU A1 (SLV sism.) 21



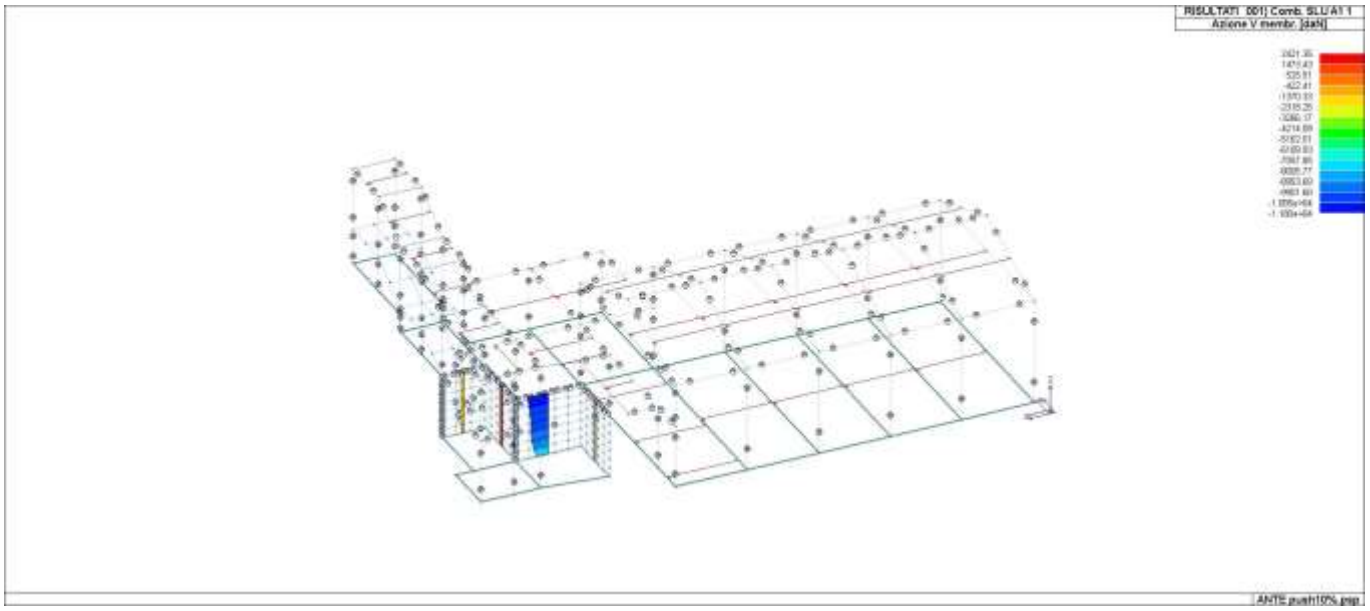
47_RIS_N_042_Comb. SLE(freq.) 42



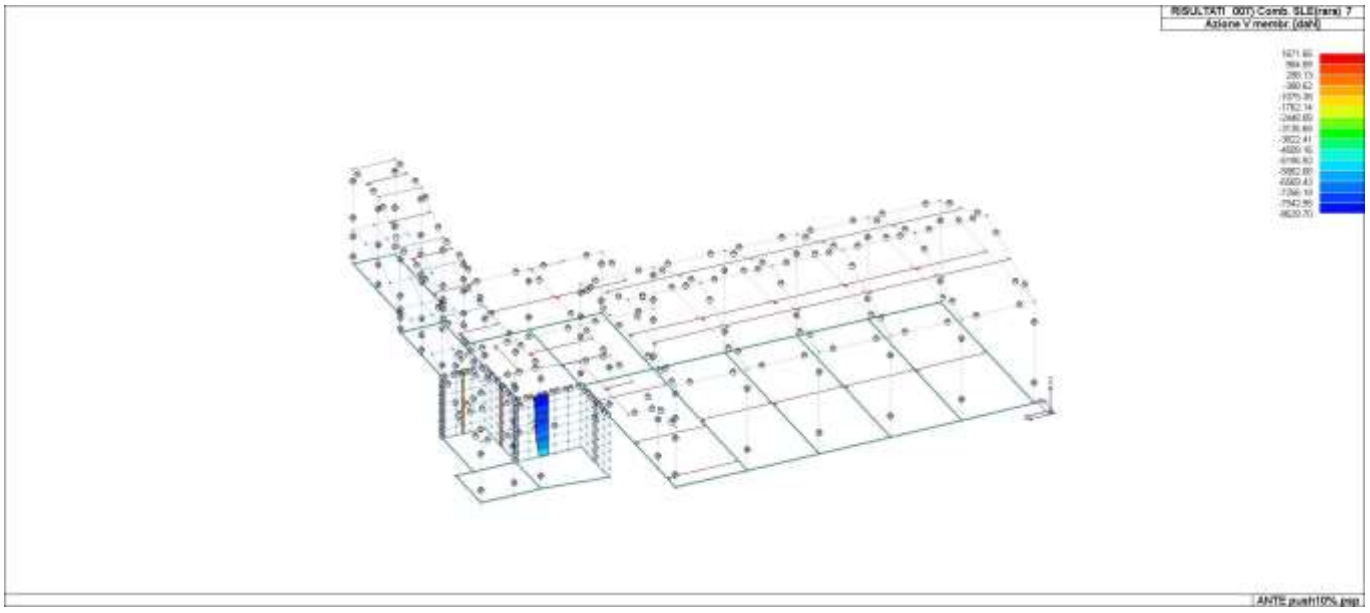
47_RIS_N_043_Comb. SLU (Accid.) 43



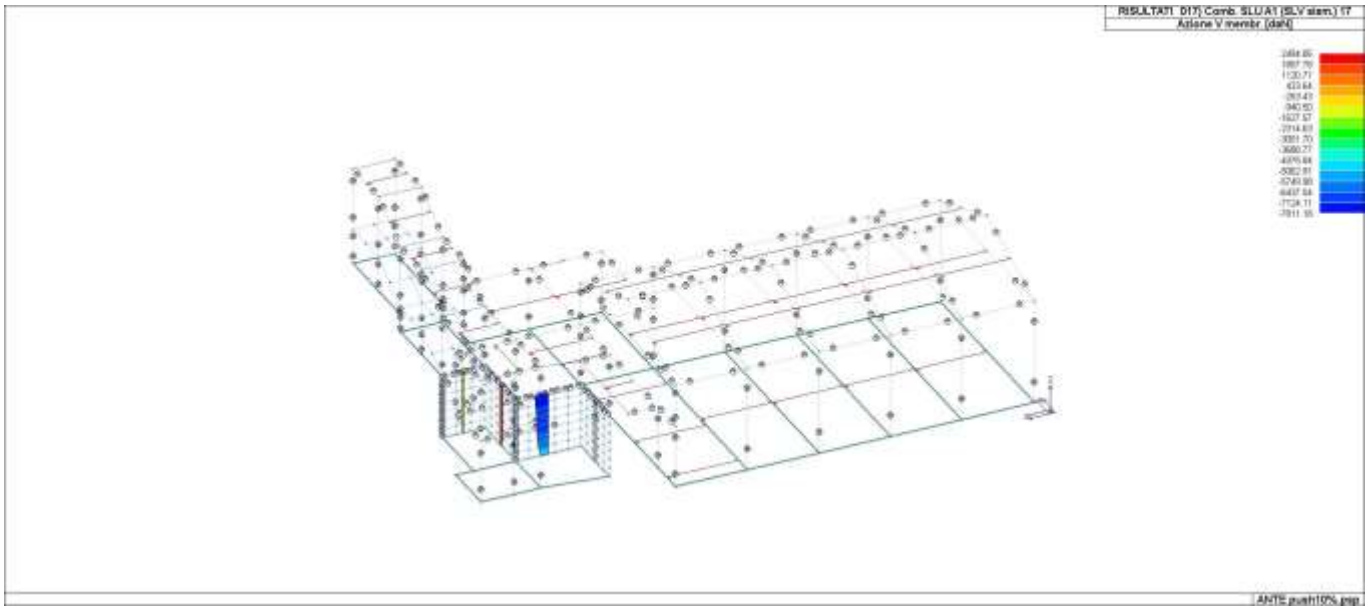
47_RIS_N_044_Comb. SLE(perm.) 44



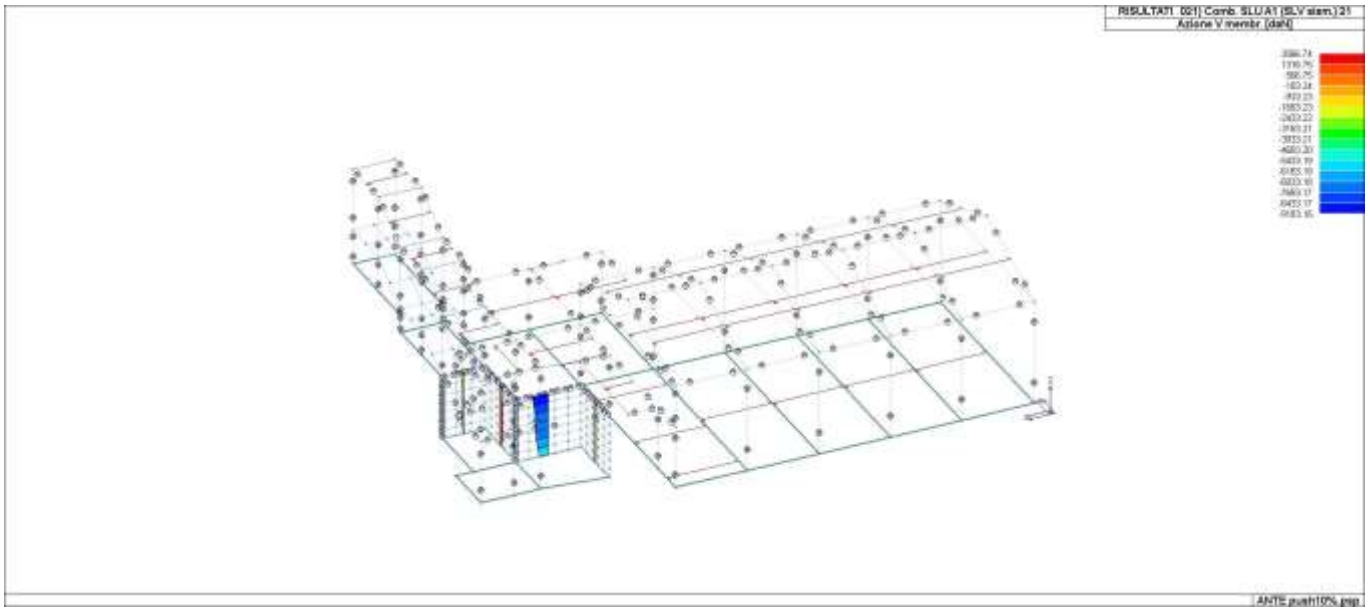
47_RIS_V_001_Comb. SLU A1 1



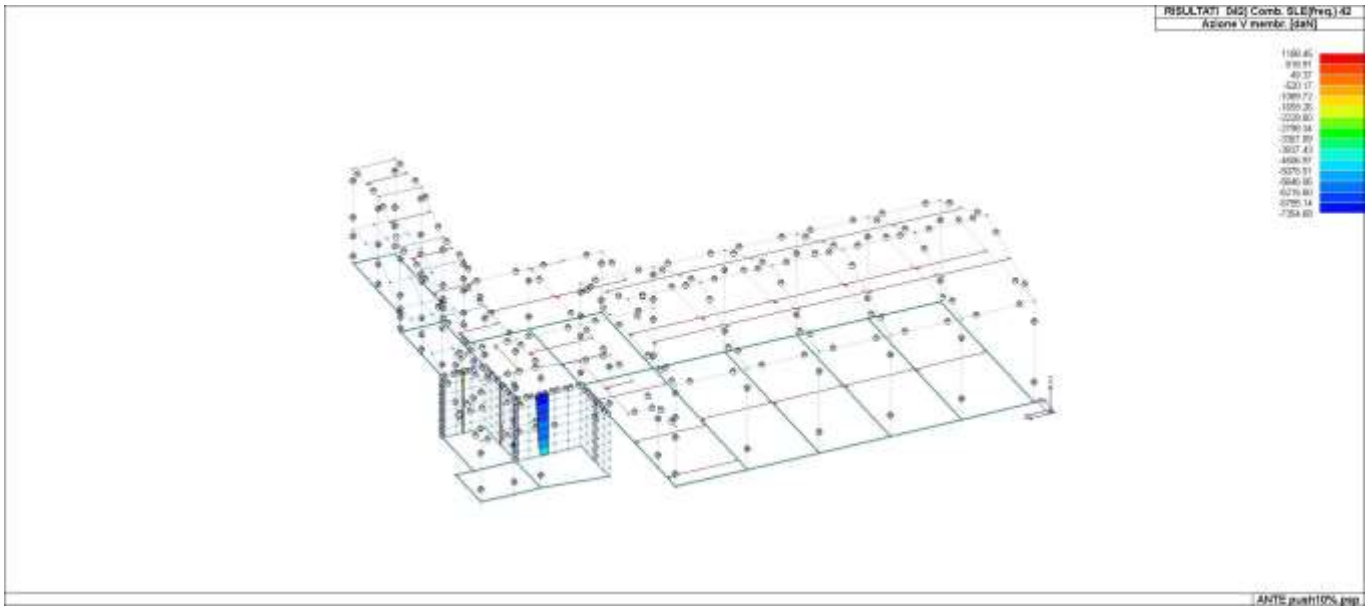
47_RIS_V_007_Comb. SLE(rara) 7



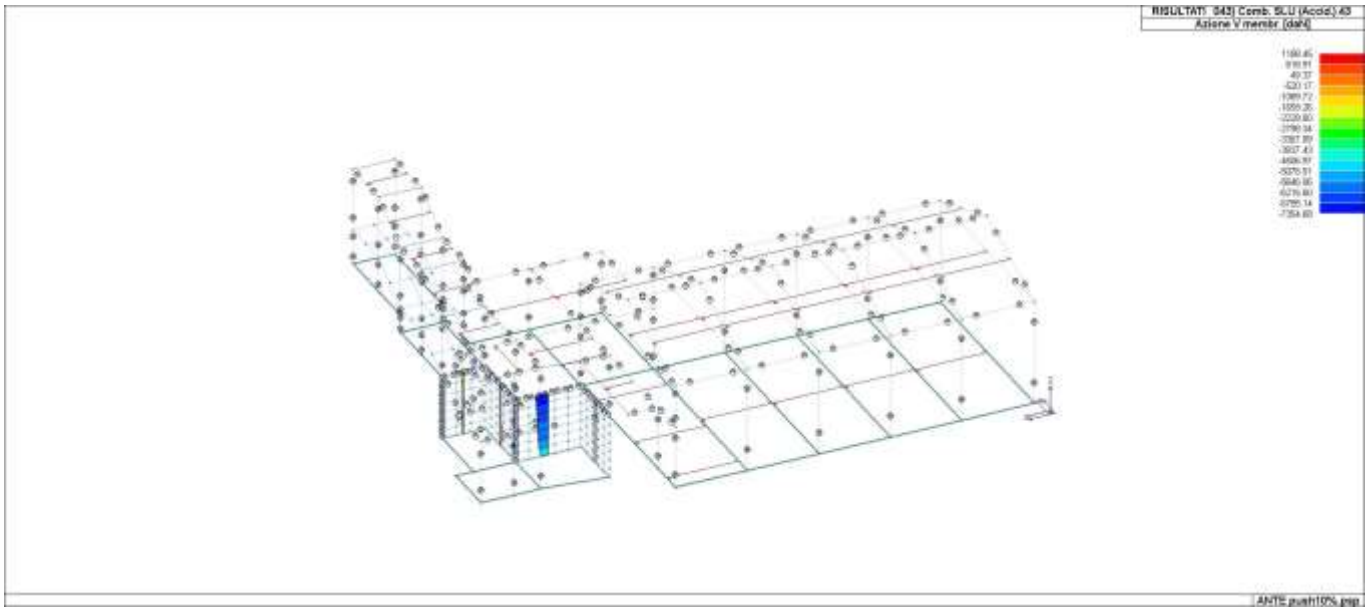
47_RIS_V_017_Comb. SLU A1 (SLV sism.) 17



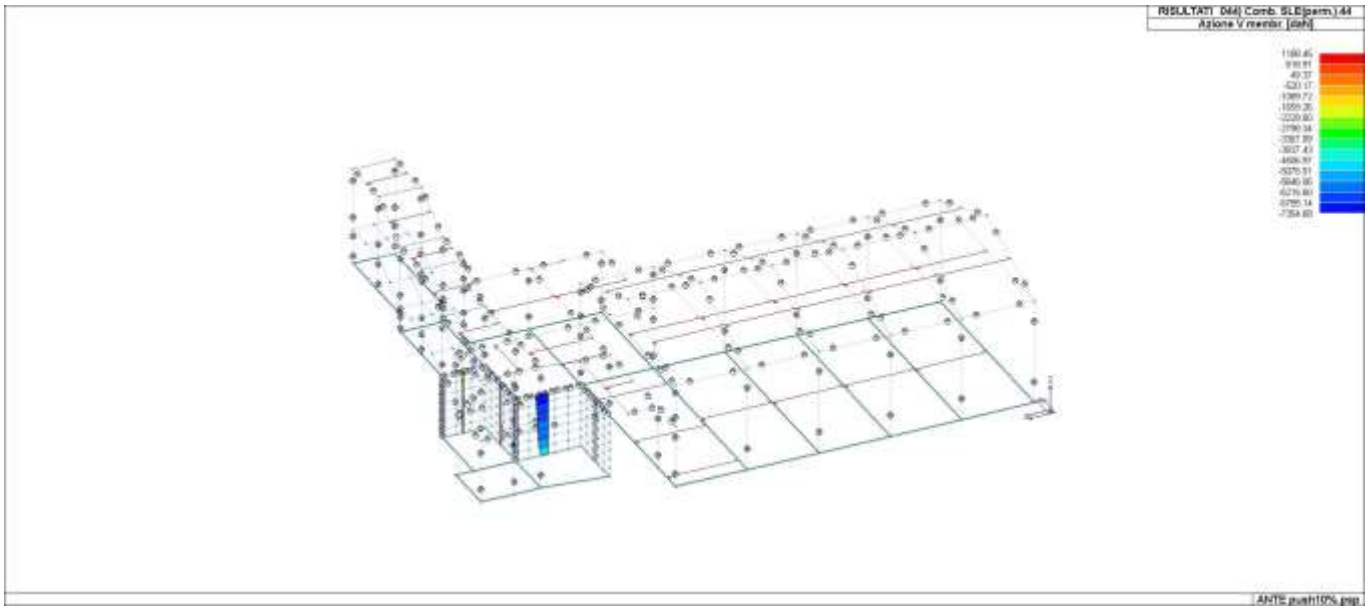
47_RIS_V_021_Comb. SLU A1 (SLV sism.) 21



47_RIS_V_042_Comb. SLE(freq.) 42



47_RIS_V_043_Comb. SLU (Accid.) 43



47_RIS_V_044_Comb. SLE(perm.) 44

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

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
1	1	26	141.95	-8.30	123.21	10.45	49.65	212.12	-517.45	211.60	-516.94	19.46
1	1	28	3.15	-22.94	-22.85	3.05	1.54	694.13	244.43	592.41	346.16	-188.14
1	1	52	90.25	-37.96	90.05	-37.77	-4.98	601.08	186.32	595.21	192.19	48.98
1	1	69	96.10	-6.70	93.68	-4.28	15.58	415.80	244.14	415.47	244.47	7.51
1	1	89	4.17	-2.67	4.17	-2.67	-6.80e-02	197.23	-81.40	172.09	-56.26	79.83
1	1	90	36.34	-0.95	7.18	28.22	15.39	-69.95	-217.77	-163.12	-124.60	71.35
1	1	91	67.34	18.01	67.21	18.14	-2.50	-55.33	-277.16	-272.73	-59.75	31.00
1	1	92	2.11	-6.58	-4.40	-6.43e-02	3.77	-48.97	-441.99	-440.94	-50.02	20.28
1	1	93	-34.90	-63.34	-46.69	-51.55	14.01	-87.97	-407.81	-91.66	-404.13	34.12
1	1	243	8.71	-5.58	6.18	-3.05	5.45	173.02	-194.27	138.26	-159.51	107.51
1	1	251	8.63	-7.00	2.24	-0.61	-7.69	260.93	67.81	186.83	141.92	93.91
1	5	26	79.88	-4.39	65.94	9.56	31.31	-88.71	-623.26	-112.27	-599.70	-109.73
1	5	28	3.31	-43.65	-42.11	1.76	8.38	295.47	-8.37	35.70	251.40	-106.99
1	5	52	56.32	-33.27	56.31	-33.26	1.09	290.58	-35.56	148.84	106.19	161.67
1	5	69	79.05	-6.41	77.72	-5.08	10.57	269.01	42.33	86.59	224.75	-89.85
1	5	89	5.36	3.89	4.83	4.41	0.71	112.60	-38.25	44.51	29.84	75.07
1	5	90	23.77	-8.92	-2.22	17.07	13.20	113.68	-53.69	74.78	-14.79	70.69
1	5	91	36.69	11.23	36.37	11.55	-2.83	94.20	-64.94	68.73	-39.47	58.35
1	5	92	1.52	-7.06	-5.53	-1.35e-02	3.29	80.91	-96.78	77.57	-93.44	24.11
1	5	93	-33.99	-55.35	-46.21	-43.13	10.57	105.44	-293.01	101.83	-289.40	37.75
1	5	243	4.19	-0.77	0.79	2.64	2.30	-5.33	-144.57	-32.16	-117.74	54.92
1	5	251	9.26	2.54	6.35	5.46	-3.33	183.69	42.32	77.57	148.44	61.16
1	7	26	97.34	-5.66	84.16	7.52	34.41	167.28	-374.68	166.59	-373.99	19.28
1	7	28	2.17	-19.75	-19.53	1.95	2.21	525.01	180.91	453.30	252.61	-139.76
1	7	52	62.02	-29.33	61.97	-29.28	-2.20	432.96	127.36	424.25	136.07	50.87
1	7	69	72.22	-5.37	70.56	-3.71	11.22	309.81	183.68	309.81	183.68	-0.90
1	7	89	3.10	-1.40	3.04	-1.34	0.52	149.16	-56.56	131.46	-38.85	57.69
1	7	90	26.10	-2.28	3.79	20.03	11.63	-56.29	-166.04	-130.01	-92.32	51.54
1	7	91	45.73	12.79	45.61	12.91	-1.99	-39.40	-209.16	-207.04	-41.52	18.87
1	7	92	1.96	-4.22	-2.41	0.15	2.81	-34.56	-337.41	-336.57	-35.40	15.94
1	7	93	-27.06	-47.25	-35.60	-38.71	9.97	-50.58	-297.86	-53.28	-295.17	25.68
1	7	243	6.08	-3.58	4.06	-1.56	3.93	134.10	-136.47	108.16	-110.53	79.65
1	7	251	6.19	-4.00	2.16	2.44e-02	-4.98	192.16	54.33	141.01	105.47	66.59
1	9	26	57.68	-3.28	47.27	7.14	22.95	-38.29	-445.66	-49.71	-434.25	-67.24
1	9	28	2.57	-34.42	-33.09	1.23	6.89	240.96	35.60	83.10	193.47	-86.59

1	9	52	39.92	-27.24	39.87	-27.19	1.89	232.09	-29.24	127.59	75.26	128.02
1	9	69	60.95	-4.96	59.98	-3.99	7.93	208.31	53.43	89.47	172.27	-65.44
1	9	89	4.16	2.79	3.45	3.50	0.69	89.93	-25.74	46.61	17.58	55.99
1	9	90	17.94	-7.77	-2.60	12.78	10.31	62.17	-53.24	28.66	-19.73	52.39
1	9	91	26.33	8.73	26.02	9.04	-2.29	41.06	-48.64	20.56	-28.14	37.66
1	9	92	1.23	-5.04	-3.79	-2.65e-02	2.51	13.71	-70.16	8.85	-65.30	19.59
1	9	93	-26.41	-42.45	-35.44	-33.42	7.96	77.77	-222.48	75.10	-219.80	28.20
1	9	243	3.11	-0.94	5.23e-02	2.12	1.74	14.96	-105.97	-5.85	-85.16	45.65
1	9	251	6.98	2.19	4.97	4.20	-2.36	141.11	38.93	68.91	111.14	46.52
1	16	26	8.59	5.98e-02	1.87	6.77	3.49	228.34	-466.56	227.78	-466.01	19.67
1	16	28	4.54	-55.42	-51.36	0.47	15.07	526.19	223.05	483.53	265.71	-105.41
1	16	52	16.55	-31.93	4.50	-19.88	20.95	395.43	-612.98	-354.69	137.15	440.16
1	16	69	37.25	-8.22	37.13	-8.09	-2.35	195.37	-48.59	54.17	92.61	-120.46
1	16	89	9.91	-0.30	1.87	7.75	4.17	173.89	-76.65	139.69	-42.45	86.02
1	16	90	6.06	-15.04	-10.09	1.11	8.94	-38.89	-230.63	-211.97	-57.55	56.83
1	16	91	2.28	-3.56	0.52	-1.79	-2.68	14.68	-192.21	-133.24	-44.29	-93.40
1	16	92	1.03	-5.47	-4.73	0.29	2.06	11.02	-321.11	-294.84	-15.25	89.64
1	16	93	-25.47	-30.59	-25.58	-30.48	-0.74	254.72	-147.89	245.95	-139.11	58.79
1	16	243	7.87	0.60	0.61	7.86	0.24	145.31	-118.43	124.75	-97.87	70.71
1	16	251	9.15	6.12	6.69	8.58	1.19	198.18	51.51	149.52	100.17	69.06
1	17	26	149.57	-10.63	130.76	8.18	51.58	115.69	-221.61	113.00	-218.92	30.01
1	17	28	7.04	-4.66	-1.41e-02	2.39	-5.73	474.78	131.63	402.67	203.74	-139.80
1	17	52	110.01	-38.23	106.02	-34.24	-23.99	1234.13	45.43	1146.66	132.91	-310.37
1	17	69	91.52	-4.41	86.53	0.58	21.30	567.07	203.97	532.67	238.37	106.33
1	17	89	5.13	-8.26	3.99	-7.13	-3.73	115.36	-53.72	110.07	-48.42	29.44
1	17	90	37.22	6.91	12.15	31.98	11.47	-34.60	-143.82	-57.77	-120.65	44.65
1	17	91	75.09	22.84	75.06	22.87	-1.26	13.45	-317.93	-270.73	-33.75	115.82
1	17	92	0.93	-5.74	-4.35	-0.47	2.72	-34.54	-369.51	-363.68	-40.37	-43.81
1	17	93	-24.58	-61.44	-44.91	-41.11	18.33	-273.31	-387.06	-273.94	-386.43	-8.45
1	17	243	6.87	-9.59	5.29	-8.01	4.86	113.81	-145.18	85.59	-116.96	80.71
1	17	251	7.15	-13.61	-0.46	-6.00	-10.00	163.71	34.25	115.60	82.37	62.56
1	42	26	67.52	-3.12	57.34	7.07	24.82	177.95	-330.42	176.46	-328.93	27.46
1	42	28	2.25	-26.49	-25.62	1.39	4.91	497.84	171.18	443.95	225.06	-121.24
1	42	52	47.61	-26.93	47.61	-26.93	0.34	372.78	93.62	342.79	123.62	86.45
1	42	69	62.69	-5.29	61.50	-4.10	8.92	285.51	161.85	283.81	163.54	-14.39
1	42	89	2.98	0.63	2.63	0.99	0.85	142.07	-56.21	125.90	-40.04	54.26
1	42	90	20.21	-5.30	-0.35	15.26	10.09	-58.76	-167.43	-140.76	-85.42	46.76
1	42	91	32.06	9.50	31.87	9.69	-2.06	-35.31	-198.04	-197.98	-35.38	3.20
1	42	92	1.48	-4.15	-2.81	0.14	2.39	-24.25	-329.35	-327.65	-25.95	22.71
1	42	93	-26.94	-42.65	-34.62	-34.97	7.86	5.56	-251.84	3.06	-249.34	25.25
1	42	243	3.97	-1.37	2.00	0.60	2.57	131.84	-118.97	108.78	-95.91	72.47
1	42	251	6.14	-0.99	3.28	1.87	-3.49	174.74	47.97	132.30	90.41	59.82
1	43	26	67.52	-3.12	57.34	7.07	24.82	177.95	-330.42	176.46	-328.93	27.46
1	43	28	2.25	-26.49	-25.62	1.39	4.91	497.84	171.18	443.95	225.06	-121.24
1	43	52	47.61	-26.93	47.61	-26.93	0.34	372.78	93.62	342.79	123.62	86.45
1	43	69	62.69	-5.29	61.50	-4.10	8.92	285.51	161.85	283.81	163.54	-14.39
1	43	89	2.98	0.63	2.63	0.99	0.85	142.07	-56.21	125.90	-40.04	54.26
1	43	90	20.21	-5.30	-0.35	15.26	10.09	-58.76	-167.43	-140.76	-85.42	46.76
1	43	91	32.06	9.50	31.87	9.69	-2.06	-35.31	-198.04	-197.98	-35.38	3.20
1	43	92	1.48	-4.15	-2.81	0.14	2.39	-24.25	-329.35	-327.65	-25.95	22.71
1	43	93	-26.94	-42.65	-34.62	-34.97	7.86	5.56	-251.84	3.06	-249.34	25.25
1	43	243	3.97	-1.37	2.00	0.60	2.57	131.84	-118.97	108.78	-95.91	72.47
1	43	251	6.14	-0.99	3.28	1.87	-3.49	174.74	47.97	132.30	90.41	59.82
1	44	26	67.52	-3.12	57.34	7.07	24.82	177.95	-330.42	176.46	-328.93	27.46
1	44	28	2.25	-26.49	-25.62	1.39	4.91	497.84	171.18	443.95	225.06	-121.24
1	44	52	47.61	-26.93	47.61	-26.93	0.34	372.78	93.62	342.79	123.62	86.45
1	44	69	62.69	-5.29	61.50	-4.10	8.92	285.51	161.85	283.81	163.54	-14.39
1	44	89	2.98	0.63	2.63	0.99	0.85	142.07	-56.21	125.90	-40.04	54.26
1	44	90	20.21	-5.30	-0.35	15.26	10.09	-58.76	-167.43	-140.76	-85.42	46.76
1	44	91	32.06	9.50	31.87	9.69	-2.06	-35.31	-198.04	-197.98	-35.38	3.20
1	44	92	1.48	-4.15	-2.81	0.14	2.39	-24.25	-329.35	-327.65	-25.95	22.71
1	44	93	-26.94	-42.65	-34.62	-34.97	7.86	5.56	-251.84	3.06	-249.34	25.25
1	44	243	3.97	-1.37	2.00	0.60	2.57	131.84	-118.97	108.78	-95.91	72.47
1	44	251	6.14	-0.99	3.28	1.87	-3.49	174.74	47.97	132.30	90.41	59.82
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-63.34	-51.36	-51.55	-23.99		-623.26	-440.94	-599.70	-310.37
			149.57		130.76	31.98	51.58	1234.13		1146.66	346.16	440.16

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

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
2	5	52	50.13	-33.26	49.86	-33.00	-4.67	618.86	61.83	614.47	66.22	49.23
2	5	69	71.07	-8.22	70.90	-8.05	-3.68	736.26	220.28	735.32	221.22	-22.04
2	5	87	42.76	-4.05	20.24	18.46	23.39	602.39	77.27	600.33	79.33	32.79
2	5	88	6.34	-34.09	-32.16	4.41	-8.63	801.14	195.75	801.00	195.89	-9.27
2	5	93	-33.78	-50.36	-38.40	-45.74	7.43	-48.45	-309.47	-58.12	-299.79	49.32
2	5	94	12.90	3.42	4.65	11.67	3.19	-235.99	-470.54	-458.87	-247.66	51.00
2	5	95	21.19	-8.78	2.86	9.55	14.61	81.48	-812.94	-812.46	81.00	20.88
2	5	96	35.12	-4.13	30.23	0.76	-12.96	89.89	-822.09	-811.76	79.57	96.47
2	5	97	31.18	24.95	26.37	29.76	-2.62	224.05	-141.58	222.38	-139.91	24.65
2	9	52	37.22	-26.74	36.99	-26.51	-3.81	462.67	42.57	460.10	45.13	32.75
2	9	69	55.30	-6.43	55.16	-6.30	-2.92	543.06	173.74	542.77	174.02	-10.26
2	9	87	30.06	-3.77	12.90	13.40	16.91	423.46	65.60	423.06	66.00	11.95
2	9	88	4.68	-28.00	-26.99	3.66	-5.68	574.21	147.20	574.17	147.23	3.87
2	9	93	-26.77	-38.87	-30.26	-35.38	5.48	-30.68	-235.94	-37.90	-228.71	37.83
2	9	94	9.19	2.34	2.99	8.54	2.01	-169.83	-331.56	-322.26	-179.14	37.66
2	9	95	16.12	-7.41	1.24	7.47	11.35	57.86	-577.35	-577.12	57.63	12.12
2	9	96	26.94	-3.04	23.10	0.80	-10.02	61.50	-585.15	-576.33	52.69	74.98
2	9	97	24.83	19.82	21.56	23.08	-2.39	179.91	-109.93	178.76	-108.79	18.18
2	16	52	91.01	-13.10	85.06	-7.15	24.17	1326.50	167.44	1226.74	267.20	325.07
2	16	69	50.02	-7.98	48.36	-6.32	-9.68	682.69	183.46	678.75	187.39	-44.13
2	16	87	47.81	-5.45	18.74	23.63	26.52	122.66	-391.72	-232.24	-36.81	-237.90
2	16	88	23.65	-20.58	3.50	-0.44	-22.03	225.63	-348.94	-235.78	112.47	228.50
2	16	93	-28.62	-41.17	-40.89	-28.89	-1.83	-42.01	-281.04	-58.58	-264.47	60.72
2	16	94	20.65	4.34	9.10	15.89	7.41	-64.82	-113.57	-85.29	-93.10	24.06
2	16	95	26.80	3.66	21.70	8.76	9.59	100.59	-364.16	-242.32	-21.25	-204.40
2	16	96	17.42	-7.75	11.76	-2.09	-10.51	124.31	-317.64	-222.19	28.85	181.86
2	16	97	26.72	11.47	14.73	23.47	6.25	337.89	-54.39	337.46	-53.97	12.87
2	17	52	23.08	-67.84	5.63	-50.39	-35.81	74.33	-1110.22	-885.13	-150.76	-464.72
2	17	69	65.11	-7.04	64.55	-6.49	6.29	278.92	-133.50	-35.08	180.50	175.80
2	17	87	1.55	-9.26	-9.13	1.42	1.19	793.65	168.26	757.10	204.82	146.72
2	17	88	8.63	-58.12	-55.38	5.89	13.23	1122.44	206.81	1111.60	217.66	-99.05
2	17	93	-17.45	-53.08	-22.85	-47.68	12.78	74.18	-231.97	73.21	-231.00	17.21
2	17	94	3.78	-4.14	-1.07	0.70	-3.86	-59.89	-197.47	-156.43	-100.93	62.94
2	17	95	17.72	-15.73	-6.20	8.19	15.10	188.53	-400.99	-252.35	39.89	255.99
2	17	96	33.77	-1.04	29.89	2.83	-10.95	-15.64	-279.42	-275.95	-19.11	-30.06
2	17	97	45.13	19.77	41.57	23.33	-8.81	246.08	-140.05	244.11	-138.08	27.46
2	42	52	43.98	-27.68	43.70	-27.41	-4.41	243.71	49.04	232.07	60.68	-46.15
2	42	69	56.66	-6.60	56.59	-6.53	-2.12	356.58	164.35	336.11	184.82	59.30
2	42	87	22.80	-5.73	4.74	12.33	13.76	258.58	65.62	242.18	82.02	-53.81
2	42	88	3.31	-28.65	-28.17	2.83	-3.90	418.47	140.06	399.68	158.86	69.86
2	42	93	-29.21	-40.37	-32.36	-37.22	5.02	11.54	-247.99	5.89	-242.34	37.86
2	42	94	8.66	3.02	3.68	8.00	1.81	-67.49	-149.61	-119.69	-97.41	39.52
2	42	95	18.88	-5.29	5.58	8.01	12.03	10.86	-250.11	-249.44	10.19	13.21
2	42	96	25.67	-3.92	21.19	0.57	-10.61	26.43	-271.13	-249.61	4.91	77.07
2	42	97	28.59	22.92	28.06	23.45	-1.65	284.29	-98.28	283.38	-97.37	18.69
2	43	52	43.98	-27.68	43.70	-27.41	-4.41	243.71	49.04	232.07	60.68	-46.15
2	43	69	56.66	-6.60	56.59	-6.53	-2.12	356.58	164.35	336.11	184.82	59.30
2	43	87	22.80	-5.73	4.74	12.33	13.76	258.58	65.62	242.18	82.02	-53.81
2	43	88	3.31	-28.65	-28.17	2.83	-3.90	418.47	140.06	399.68	158.86	69.86
2	43	93	-29.21	-40.37	-32.36	-37.22	5.02	11.54	-247.99	5.89	-242.34	37.86
2	43	94	8.66	3.02	3.68	8.00	1.81	-67.49	-149.61	-119.69	-97.41	39.52
2	43	95	18.88	-5.29	5.58	8.01	12.03	10.86	-250.11	-249.44	10.19	13.21
2	43	96	25.67	-3.92	21.19	0.57	-10.61	26.43	-271.13	-249.61	4.91	77.07
2	43	97	28.59	22.92	28.06	23.45	-1.65	284.29	-98.28	283.38	-97.37	18.69
2	44	52	43.98	-27.68	43.70	-27.41	-4.41	243.71	49.04	232.07	60.68	-46.15
2	44	69	56.66	-6.60	56.59	-6.53	-2.12	356.58	164.35	336.11	184.82	59.30
2	44	87	22.80	-5.73	4.74	12.33	13.76	258.58	65.62	242.18	82.02	-53.81
2	44	88	3.31	-28.65	-28.17	2.83	-3.90	418.47	140.06	399.68	158.86	69.86
2	44	93	-29.21	-40.37	-32.36	-37.22	5.02	11.54	-247.99	5.89	-242.34	37.86
2	44	94	8.66	3.02	3.68	8.00	1.81	-67.49	-149.61	-119.69	-97.41	39.52
2	44	95	18.88	-5.29	5.58	8.01	12.03	10.86	-250.11	-249.44	10.19	13.21
2	44	96	25.67	-3.92	21.19	0.57	-10.61	26.43	-271.13	-249.61	4.91	77.07
2	44	97	28.59	22.92	28.06	23.45	-1.65	284.29	-98.28	283.38	-97.37	18.69
M_G			**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-67.84	-55.38	-50.39	-35.81		-1110.22	-885.13	-299.79	-464.72
			91.01		85.06	29.76	26.52	1326.50		1226.74	267.20	325.07

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

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
3	1	76	56.14	-10.42	55.67	-9.95	5.59	277.84	2.94	169.94	110.85	-134.24
3	1	84	52.04	-4.99	51.27	-4.22	-6.57	306.41	-12.79	169.42	124.20	157.99
3	1	87	12.03	-66.98	-58.34	3.38	24.66	743.52	136.44	743.25	136.71	-12.95
3	1	88	2.42	-90.92	-81.24	-7.26	-28.46	756.83	229.16	756.78	229.21	5.21
3	1	97	61.43	21.69	61.43	21.69	-0.15	408.36	-110.68	406.79	-109.10	28.54
3	1	98	1.90e-02	-5.35	-3.38	-1.95	-2.59	-68.91	-206.22	-205.42	-69.71	10.49
3	1	99	1.95	-6.57	-6.00	1.38	-2.13	-1.03	-321.25	-315.57	-6.71	-42.27
3	1	100	8.98	8.26e-02	8.11	0.95	2.64	28.59	-332.00	-318.29	14.88	68.96
3	1	101	-29.54	-50.00	-49.78	-29.76	-2.13	285.46	-152.32	285.21	-152.06	10.51
3	6	76	39.62	-8.00	39.55	-7.93	1.79	225.74	-416.44	-298.25	107.55	-248.86
3	6	84	33.61	-4.40	33.43	-4.22	-2.58	237.57	-426.70	-289.17	100.05	269.15
3	6	87	8.13	-53.70	-47.50	1.93	18.57	224.37	53.53	157.15	120.75	83.46
3	6	88	1.54	-78.30	-71.80	-4.96	-21.84	255.67	73.16	143.19	185.63	-88.75
3	6	97	44.19	16.70	44.18	16.71	-0.52	227.87	-120.40	226.88	-119.40	18.59
3	6	98	-1.02	-8.11	-7.22	-1.91	-2.35	251.27	77.44	250.31	78.41	12.89
3	6	99	1.42	-11.42	-10.98	0.99	-2.33	407.56	-82.24	401.82	-76.50	-52.72
3	6	100	5.23	-0.71	3.81	0.71	2.53	412.83	-75.99	399.91	-63.07	78.41
3	6	101	-23.06	-42.82	-42.63	-23.25	-1.95	396.66	-81.45	396.46	-81.26	9.57
3	7	76	42.92	-7.79	42.56	-7.42	4.27	214.78	9.12	136.32	87.57	-99.90
3	7	84	40.06	-4.09	39.47	-3.50	-5.08	239.76	-2.33	142.72	94.71	118.64
3	7	87	8.65	-50.81	-44.54	2.38	18.26	568.59	107.34	568.24	107.68	-12.55
3	7	88	1.98	-67.85	-61.18	-4.68	-20.51	566.52	171.77	566.45	171.84	5.12
3	7	97	46.24	17.06	46.23	17.07	-0.42	293.32	-92.26	292.13	-91.07	21.40
3	7	98	-8.40e-03	-3.94	-2.61	-1.34	-1.86	-54.60	-161.69	-160.79	-55.50	9.78
3	7	99	1.59	-5.09	-4.53	1.03	-1.85	-0.89	-253.78	-250.01	-4.66	-30.63
3	7	100	6.53	-3.37e-02	5.75	0.74	2.12	21.20	-263.20	-252.27	10.27	54.68
3	7	101	-22.81	-38.53	-38.38	-22.95	-1.50	220.75	-117.56	220.53	-117.35	8.53
3	8	76	43.08	-7.80	42.75	-7.47	4.10	224.95	28.62	161.28	92.29	-91.90
3	8	84	39.10	-4.27	38.54	-3.71	-4.89	240.93	16.62	164.74	92.80	106.23
3	8	87	8.15	-43.46	-39.28	3.97	14.08	541.38	101.29	540.33	102.35	-21.55
3	8	88	0.96	-65.45	-60.17	-4.32	-17.97	544.97	168.50	544.01	169.46	18.95
3	8	97	42.65	17.93	42.65	17.93	-2.65e-02	217.14	-115.03	216.35	-114.23	16.23
3	8	98	0.80	-4.08	-2.61	-0.67	-2.24	-62.09	-172.18	-171.60	-62.67	7.98
3	8	99	1.91	-6.39	-5.74	1.26	-2.23	-0.97	-283.41	-279.04	-5.34	-34.86
3	8	100	7.12	-0.52	6.04	0.56	2.66	18.29	-289.50	-280.27	9.06	52.50
3	8	101	-23.08	-38.68	-38.50	-23.26	-1.67	219.48	-120.36	219.35	-120.22	6.77
3	16	76	19.84	-11.98	19.39	-11.52	-3.78	151.68	-296.93	-145.46	0.21	-212.15
3	16	84	13.86	0.50	13.61	0.76	1.84	159.39	-316.57	-202.87	45.69	202.95
3	16	87	16.16	-58.00	-50.22	8.39	22.71	843.17	68.54	813.98	97.73	-147.51
3	16	88	-2.72	-117.25	-100.89	-19.08	-40.08	983.46	214.06	934.72	262.80	187.42
3	16	97	48.46	14.29	48.05	14.71	3.76	35.12	-175.13	35.01	-175.03	-4.77
3	16	98	-3.88	-17.69	-13.52	-8.05	-6.34	-58.90	-161.77	-160.85	-59.82	-9.69
3	16	99	1.39	-20.73	-20.69	1.35	0.94	74.66	-363.22	-273.32	-15.25	-176.87
3	16	100	3.32	-1.50	2.70	-0.88	1.62	85.48	-322.99	-264.18	26.67	143.40
3	16	101	-16.85	-35.06	-34.02	-17.89	-4.23	366.77	-14.37	366.76	-14.37	1.66
3	42	76	43.19	-7.59	42.80	-7.21	4.39	228.78	32.88	168.19	93.48	-90.55
3	42	84	39.60	-4.40	39.00	-3.80	-5.10	246.20	20.82	172.60	94.42	105.69
3	42	87	7.74	-45.65	-41.07	3.17	14.94	536.96	105.05	536.29	105.72	-17.01
3	42	88	1.56	-64.51	-59.23	-3.72	-17.92	536.73	164.75	536.30	165.18	12.70
3	42	97	43.15	17.85	43.14	17.85	-0.19	230.94	-110.78	230.12	-109.96	16.71
3	42	98	0.48	-3.79	-2.59	-0.73	-1.92	-60.60	-169.58	-168.95	-61.24	8.30
3	42	99	1.82	-5.85	-5.15	1.12	-2.21	-0.83	-276.55	-272.87	-4.50	-31.63
3	42	100	6.60	-0.39	5.52	0.68	2.52	17.14	-283.14	-274.41	8.41	50.45
3	42	101	-23.02	-38.83	-38.68	-23.16	-1.50	221.53	-119.88	221.39	-119.74	6.96
3	43	76	43.19	-7.59	42.80	-7.21	4.39	228.78	32.88	168.19	93.48	-90.55
3	43	84	39.60	-4.40	39.00	-3.80	-5.10	246.20	20.82	172.60	94.42	105.69
3	43	87	7.74	-45.65	-41.07	3.17	14.94	536.96	105.05	536.29	105.72	-17.01
3	43	88	1.56	-64.51	-59.23	-3.72	-17.92	536.73	164.75	536.30	165.18	12.70
3	43	97	43.15	17.85	43.14	17.85	-0.19	230.94	-110.78	230.12	-109.96	16.71
3	43	98	0.48	-3.79	-2.59	-0.73	-1.92	-60.60	-169.58	-168.95	-61.24	8.30
3	43	99	1.82	-5.85	-5.15	1.12	-2.21	-0.83	-276.55	-272.87	-4.50	-31.63
3	43	100	6.60	-0.39	5.52	0.68	2.52	17.14	-283.14	-274.41	8.41	50.45
3	43	101	-23.02	-38.83	-38.68	-23.16	-1.50	221.53	-119.88	221.39	-119.74	6.96
3	44	76	43.19	-7.59	42.80	-7.21	4.39	228.78	32.88	168.19	93.48	-90.55
3	44	84	39.60	-4.40	39.00	-3.80	-5.10	246.20	20.82	172.60	94.42	105.69
3	44	87	7.74	-45.65	-41.07	3.17	14.94	536.96	105.05	536.29	105.72	-17.01
3	44	88	1.56	-64.51	-59.23	-3.72	-17.92	536.73	164.75	536.30	165.18	12.70
3	44	97	43.15	17.85	43.14	17.85	-0.19	230.94	-110.78	230.12	-109.96	16.71
3	44	98	0.48	-3.79	-2.59	-0.73	-1.92	-60.60	-169.58	-168.95	-61.24	8.30
3	44	99	1.82	-5.85	-5.15	1.12	-2.21	-0.83	-276.55	-272.87	-4.50	-31.63
3	44	100	6.60	-0.39	5.52	0.68	2.52	17.14	-283.14	-274.41	8.41	50.45
3	44	101	-23.02	-38.83	-38.68	-23.16	-1.50	221.53	-119.88	221.39	-119.74	6.96

M_G	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		-117.25	-100.89	-29.76	-40.08		-426.70	-318.29	-175.03	-248.86
	61.43		61.43	21.69	24.66	983.46		934.72	262.80	269.15

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

M_G	Cmb	Nodo	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
4	5	76	48.61	-10.96	47.82	-10.18	-6.78	1317.62	79.58	1263.78	133.42	-252.50
4	5	84	42.59	-6.53	41.37	-5.31	7.63	1376.29	80.42	1314.93	141.78	275.22
4	5	85	1.56	-5.95	1.56	-5.95	0.22	852.32	464.64	829.15	487.81	91.90
4	5	86	2.20	-2.21	1.78	-1.80	-1.29	877.20	579.91	792.54	664.57	-134.17
4	5	101	-30.22	-42.51	-42.42	-30.31	-1.00	131.34	-199.10	131.25	-199.00	5.68
4	5	102	15.85	-3.20	-3.18	15.82	-0.71	-292.07	-711.88	-711.88	-292.07	-1.49
4	5	103	5.91	7.78e-02	2.78	3.21	2.91	-49.58	-1341.76	-1339.89	-51.46	49.20
4	5	104	9.76	3.26	7.09	5.93	-3.19	-16.27	-1337.23	-1335.37	-18.12	-49.45
4	5	105	-0.25	-4.73	-0.33	-4.65	-0.60	-127.66	-974.88	-128.89	-973.65	32.33
4	9	76	37.37	-8.09	36.78	-7.50	-5.12	956.50	69.26	919.74	106.02	-176.83
4	9	84	32.86	-5.42	32.01	-4.56	5.65	994.76	66.85	953.02	108.59	192.33
4	9	85	1.02	-4.20	1.01	-4.19	0.20	617.41	342.65	597.07	362.99	71.93
4	9	86	1.74	-1.76	1.41	-1.43	-1.02	625.77	411.83	572.37	465.22	-92.59
4	9	101	-23.28	-32.80	-32.73	-23.35	-0.80	107.13	-153.10	107.02	-152.99	5.38
4	9	102	12.17	-2.44	-2.42	12.14	-0.56	-209.84	-507.22	-507.22	-209.84	8.71e-02
4	9	103	4.85	0.21	2.39	2.67	2.31	-34.55	-960.34	-958.95	-35.94	35.85
4	9	104	7.25	2.18	5.14	4.30	-2.50	-16.16	-957.82	-956.57	-17.41	-34.27
4	9	105	-0.15	-3.46	-0.19	-3.42	-0.36	-92.30	-700.42	-92.95	-699.77	19.97
4	16	76	31.83	-10.50	30.69	-9.36	-6.86	927.61	81.83	888.42	121.02	-177.79
4	16	84	28.92	-0.51	26.20	2.21	8.52	1019.74	124.18	970.37	173.55	204.40
4	16	85	-1.36	-10.45	-8.68	-3.14	-3.60	143.89	-175.28	-47.64	16.24	-156.36
4	16	86	3.90	-9.83	-9.34	3.41	2.55	386.32	-98.71	-96.82	384.42	30.28
4	16	101	-16.76	-34.00	-34.00	-16.76	-0.18	101.82	-140.36	101.38	-139.92	-10.35
4	16	102	7.75	-3.94	-3.94	7.75	-0.22	-102.36	-257.64	-256.18	-103.82	-14.98
4	16	103	-0.83	-5.64	-4.95	-1.52	1.68	-44.55	-508.86	-488.19	-65.22	-95.77
4	16	104	6.11	0.92	2.16	4.87	-2.22	24.26	-486.93	-476.29	13.63	72.96
4	16	105	4.46	1.76	3.88	2.33	-1.10	52.15	-366.27	45.24	-359.35	53.36
4	17	76	42.84	-6.65	42.84	-6.65	-0.47	241.91	77.77	214.17	105.51	61.51
4	17	84	40.43	-12.98	40.43	-12.98	-0.24	213.86	34.69	186.01	62.54	-64.92
4	17	85	14.89	-4.96	13.00	-3.06	5.83	876.05	230.49	757.37	349.16	250.05
4	17	86	15.87	-6.92	14.15	-5.20	-6.01	808.07	113.47	767.01	154.54	-163.82
4	17	101	-30.15	-32.05	-31.15	-31.05	-0.95	166.56	-174.65	165.75	-173.85	16.52
4	17	102	16.97	-7.82e-02	-5.98e-02	16.95	-0.56	-124.55	-237.26	-235.66	-126.15	13.33
4	17	103	13.36	4.59	11.00	6.95	3.89	28.37	-547.45	-515.08	-4.01	132.64
4	17	104	10.32	1.48	8.36	3.44	-3.67	-25.48	-547.25	-522.68	-50.04	-110.52
4	17	105	-4.76	-8.68	-4.82	-8.61	0.50	-154.66	-406.46	-156.49	-404.64	-21.38
4	42	76	37.00	-8.34	36.68	-8.03	-3.78	568.07	106.09	560.12	114.03	-60.06
4	42	84	33.76	-5.70	33.28	-5.22	4.31	600.07	108.19	588.84	119.42	73.48
4	42	85	1.90	-3.23	1.72	-3.05	0.94	352.39	162.23	343.68	170.94	39.76
4	42	86	2.68	-1.50	1.97	-0.79	-1.57	371.52	232.40	324.17	279.76	-65.92
4	42	101	-23.73	-32.79	-32.75	-23.76	-0.57	134.67	-156.39	134.61	-156.34	4.09
4	42	102	12.24	-2.08	-2.07	12.23	-0.38	-114.55	-245.90	-245.90	-114.55	-0.28
4	42	103	5.48	-3.52e-02	2.82	2.63	2.76	-36.16	-501.40	-500.80	-36.76	16.75
4	42	104	7.59	1.67	5.11	4.15	-2.92	-15.58	-498.48	-498.00	-16.06	-15.21
4	42	105	-0.25	-2.97	-0.28	-2.93	-0.31	-51.76	-382.47	-53.00	-381.23	20.23
4	43	76	37.00	-8.34	36.68	-8.03	-3.78	568.07	106.09	560.12	114.03	-60.06
4	43	84	33.76	-5.70	33.28	-5.22	4.31	600.07	108.19	588.84	119.42	73.48
4	43	85	1.90	-3.23	1.72	-3.05	0.94	352.39	162.23	343.68	170.94	39.76
4	43	86	2.68	-1.50	1.97	-0.79	-1.57	371.52	232.40	324.17	279.76	-65.92
4	43	101	-23.73	-32.79	-32.75	-23.76	-0.57	134.67	-156.39	134.61	-156.34	4.09
4	43	102	12.24	-2.08	-2.07	12.23	-0.38	-114.55	-245.90	-245.90	-114.55	-0.28
4	43	103	5.48	-3.52e-02	2.82	2.63	2.76	-36.16	-501.40	-500.80	-36.76	16.75
4	43	104	7.59	1.67	5.11	4.15	-2.92	-15.58	-498.48	-498.00	-16.06	-15.21
4	43	105	-0.25	-2.97	-0.28	-2.93	-0.31	-51.76	-382.47	-53.00	-381.23	20.23
4	44	76	37.00	-8.34	36.68	-8.03	-3.78	568.07	106.09	560.12	114.03	-60.06
4	44	84	33.76	-5.70	33.28	-5.22	4.31	600.07	108.19	588.84	119.42	73.48
4	44	85	1.90	-3.23	1.72	-3.05	0.94	352.39	162.23	343.68	170.94	39.76
4	44	86	2.68	-1.50	1.97	-0.79	-1.57	371.52	232.40	324.17	279.76	-65.92
4	44	101	-23.73	-32.79	-32.75	-23.76	-0.57	134.67	-156.39	134.61	-156.34	4.09
4	44	102	12.24	-2.08	-2.07	12.23	-0.38	-114.55	-245.90	-245.90	-114.55	-0.28

4	44	103	5.48	-3.52e-02	2.82	2.63	2.76	-36.16	-501.40	-500.80	-36.76	16.75
4	44	104	7.59	1.67	5.11	4.15	-2.92	-15.58	-498.48	-498.00	-16.06	-15.21
4	44	105	-0.25	-2.97	-0.28	-2.93	-0.31	-51.76	-382.47	-53.00	-381.23	20.23

M_G	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
		-42.51	-42.42	-31.05	-6.86		-1341.76	-1339.89	-973.65	-252.50
	48.61		47.82	16.95	8.52	1376.29		1314.93	664.57	275.22