Comune di Sant'Arcangelo Trimonte

Provincia di Benevento



PROGETTO ESECUTIVO

"Interventi di Messa in Sicurezza Operativa della discarica di località Nocecchia, Comune di S. Arcangelo Trimonte (BN), ai sensi dell'art. 240, comma 1, lettera n) del D.lgs. 152/2006 e s.m.i."

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ELABORATO

Tabulato di calcolo strutturale

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1 Premessa

Di seguito, la descrizione dei diversi temi dei tabulati generati per i diversi blocchi dalla stampa di dati e risultati di EasyWall.

1.1 Materiali

Vengono indicate caratteristiche dei materiali ed il metodo di calcolo (tensioni ammissibili o stati limite). Nel caso della stampa completa con il metodo degli stati limite, vengono riportati anche i coefficienti di sicurezza parziale dei materiali.

1.2 Tipi delle condizioni di carico

Per ogni condizione di carico viene indicato il tipo di carico assegnato dall'operatore.

1.3 Coefficienti delle combinazioni automatiche

Vengono indicati i valori assegnati dall'operatore per la formazione delle combinazioni di carico in automatico. Nel caso del metodo delle tensioni ammissibili, tali valori non vengono stampati in quanto sempre unitari.

1.4 Combinazioni di carico

Vengono riportate in forma simbolica tutte le combinazioni di carico impiegate nel progetto. Per ogni combinazione vengono riportati, concatenati dal segno <+>, i nomi delle condizioni di carico base ed il moltiplicatore, con segno algebrico, impiegato per la formazione di tali condizioni base. Nel caso del metodo delle tensioni ammissibili, i moltiplicatori sono sempre unitari. Le combinazioni sono identificate da un indice.

1.5 Sforzi nell'elemento

Vengono riportate, per ciascun elemento e per ciascuna condizione di carico, le sollecitazioni di progetto nei nodi dell'elemento. I valori di sollecitazione vengono riportati, in colonna, per i nodi e vengono identificati con i simboli consueti.

1.6 Dati dell'elemento

Vengono riportati i dati degli elementi per la identificazione dell'elemento, le coordinate dei nodi e lo spessore.

1.7 Armature

Vengono riportate le quantità di armatura ai nodi dell'elemento.

1.8 Verifica delle armature

La stampa delle verifiche si riferisce a tutti i nodi dell'elemento. La verifica viene effettuata al momento della stampa per tutte le combinazioni di carico e con i parametri dei materiali e di progetto attivi al momento della stampa. La stampa delle verifiche avviene riportando il coefficiente di sicurezza come esposto nel capitolo dedicato alle verifiche. Nella stampa completa vengono riportate le verifiche per tutti i nodi dell'elemento, in quella ridotta viene riportato il coefficiente di sicurezza minimo su tutto l'elemento. Vengono riportati: l'indice dell'elemento, l'indice del nodo, il coefficiente minimo di sicurezza, l'indice della combinazione per la quale si è verificato il coefficiente minimo.

2 Tabulato

2.1 Caratteristiche dei materiali

Metodo degli stati limite		
Resistenza caratteristica cubica calcestruzzo	kg/cm2	400.00
Resistenza caratteristica acciaio	kg/cm2	4400.00
Coefficiente di sicurezza parziale calcestruzzo		1.50
Coefficiente di sicurezza parziale acciaio		1.15
Coefficiente di sicurezza addizionale calcestruzzo		0.85
Accorciamento unitario massimo nel calcestruzzo (x1000)		3.50
Allungamento unitario massimo nell'acciaio (x1000)		10.00

2.2 Caratteristiche del terreno

2.3 Angolo attrito interno	°	10.000000	Gamma	1.000000
Coesione	kg/cm2	1.500000	Gamma	1.000000
Densità	kg/cm3	0.001700	Gamma	1.000000
Coeff. Sic. Portanza		2.300000		
Coeff. Sic. Scorrimento		1.100000		
Profondità piano posa	cm	50.000000		

2.4 Tipi di carico

Nome	Tipo	Grav.	Gamma fav	Gamma sfav.	Gamma sismico	Psi 0	Psi 1	Psi 2	Psi 2 sismico	Phi (coeff. correl.)
Combinazione	combinazione		nd	1.00	1.00	nd	nd	nd	nd	nd
Permanente	permanente	*	1.00	1.30	1.00	nd	nd	nd	nd	nd
Permanente non strutt.	permanente non strutturale	*	0.80	1.50	1.00	nd	nd	nd	nd	nd
Sismico SLV	sismico		nd	1.00	0.00	nd	nd	nd	nd	nd
Sismico SLD	sismico		nd	1.00	0.00	nd	nd	nd	nd	nd
Sismico SLO	sismico		nd	1.00	0.00	nd	nd	nd	nd	nd
Sismico SLC	sismico		nd	1.00	0.00	nd	nd	nd	nd	nd
Torcente SLV	sismico correlato		nd	1.00	0.00	nd	nd	nd	nd	nd
Torcente SLD	sismico correlato		nd	1.00	0.00	nd	nd	nd	nd	nd
Torcente SLO	sismico correlato		nd	1.00	0.00	nd	nd	nd	nd	nd

Torcente SLC	sismico correlato		nd	1.00	0.00	nd	nd	nd	nd	nd
Cat. A: Residenziale	variabile	*	nd	1.50	1.00	0.70	0.50	0.30	0.30	1.00
Cat. B: Uffici	variabile	*	nd	1.50	1.00	0.70	0.50	0.30	0.30	1.00
Cat. C: Affollamento	variabile	*	nd	1.50	1.00	0.70	0.70	0.60	0.60	1.00
Cat. D: Commerciale	variabile	*	nd	1.50	1.00	0.70	0.70	0.60	0.60	1.00
Cat. E: Magazzini	variabile	*	nd	1.50	1.00	1.00	0.90	0.80	0.80	1.00
Cat. F: Rimesse (<30kN)	variabile	*	nd	1.50	1.00	0.70	0.70	0.60	0.60	1.00
Cat. G: Rimesse (>30kN)	variabile	*	nd	1.50	1.00	0.70	0.50	0.30	0.30	1.00
Cat. H: Copertura	variabile	*	nd	1.50	1.00	0.00	0.00	0.00	0.00	1.00
Neve (q<1000)	variabile	*	nd	1.50	1.00	0.50	0.20	0.00	0.00	1.00
Neve (q>1000)	variabile	*	nd	1.50	1.00	0.70	0.50	0.20	0.20	1.00
Vento	variabile non contemporaneo		nd	1.50	0.00	0.60	0.20	0.00	0.00	1.00
Temperatura	variabile non contemporaneo		nd	1.50	0.00	0.60	0.50	0.00	0.00	1.00

2.5 Condizioni di carico

(Fase) Nome	Tipo
(1) Dinamica SLOh Y	Sismico SLO
(1) Dinamica SLOh X	Sismico SLO
(1) Dinamica SLVh Y	Sismico SLV
(1) Dinamica SLVh X	Sismico SLV
(1) Dinamica SLDh Y	Sismico SLD
(1) Dinamica SLDh X	Sismico SLD
(1) Peso proprio	Permanente
(1) Permanente	Permanente
(1) Accidentale	Cat. E: Magazzini
(1) Neve	Neve (q<1000)
(1) Spinta liquido	Permanente
(1) Scarico serbatoi	Permanente

2.6 Combinazioni di carico di stato limite ultimo

1		-0.30 * (1) Dinamica SLDh Y + 1.00 * (1) Scarico serbatoi + 1.00 * (1) Spinta liquido + 0.80 * (1) Accidentale + 1.00 * (1) Permanente + 1.00 * (1) Peso proprio + -1.00 * (1) Dinamica SLDh X
2		-0.30 * (1) Dinamica SLDh Y + 1.00 * (1) Scarico serbatoi + 1.00 * (1) Spinta liquido + 0.80 * (1) Accidentale + 1.00 * (1) Permanente + 1.00 * (1) Peso proprio + 1.00 * (1) Dinamica SLDh X
3		0.30 * (1) Dinamica SLDh Y + 1.00 * (1) Scarico serbatoi + 1.00 * (1) Spinta liquido + 0.80 * (1) Accidentale + 1.00 * (1) Permanente + 1.00 * (1) Peso proprio + -1.00 * (1) Dinamica SLDh X
4		0.30 * (1) Dinamica SLDh Y + 1.00 * (1) Scarico serbatoi + 1.00 * (1) Spinta liquido + 0.80 * (1) Accidentale + 1.00 * (1) Permanente + 1.00 * (1) Peso proprio + 1.00 * (1) Dinamica SLDh X
5		-0.30 * (1) Dinamica SLDh X + 1.00 * (1) Scarico serbatoi + 1.00 * (1) Spinta liquido + 0.80 * (1) Accidentale + 1.00 * (1) Permanente + 1.00 * (1) Peso proprio + -1.00 * (1) Dinamica SLDh Y
6		-0.30 * (1) Dinamica SLDh X + 1.00 * (1) Scarico serbatoi + 1.00 * (1) Spinta liquido + 0.80 * (1) Accidentale + 1.00 * (1) Permanente + 1.00 * (1) Peso proprio + 1.00 * (1) Dinamica SLDh Y
7		0.30 * (1) Dinamica SLDh X + 1.00 * (1) Scarico serbatoi + 1.00 * (1) Spinta liquido + 0.80 * (1) Accidentale + 1.00 * (1) Permanente + 1.00 * (1) Peso proprio + -1.00 * (1) Dinamica SLDh Y
8		0.30 * (1) Dinamica SLDh X + 1.00 * (1) Scarico serbatoi + 1.00 * (1) Spinta liquido + 0.80 * (1) Accidentale + 1.00 * (1) Permanente + 1.00 * (1) Peso proprio + 1.00 * (1) Dinamica SLDh Y
9		-0.30 * (1) Dinamica SLVh Y + 1.00 * (1) Scarico serbatoi + 1.00 * (1) Spinta liquido + 0.80 * (1) Accidentale + 1.00 * (1) Permanente + 1.00 * (1) Peso proprio + -1.00 * (1) Dinamica SLVh X
10		-0.30 * (1) Dinamica SLVh Y + 1.00 * (1) Scarico serbatoi + 1.00 * (1) Spinta liquido + 0.80 * (1) Accidentale + 1.00 * (1) Permanente + 1.00 * (1) Peso proprio + 1.00 * (1) Dinamica SLVh X
11		0.30 * (1) Dinamica SLVh Y + 1.00 * (1) Scarico serbatoi + 1.00 * (1) Spinta liquido + 0.80 * (1) Accidentale + 1.00 * (1) Permanente + 1.00 * (1) Peso proprio + -1.00 * (1) Dinamica SLVh X
12		0.30 * (1) Dinamica SLVh Y + 1.00 * (1) Scarico serbatoi + 1.00 * (1) Spinta liquido + 0.80 * (1) Accidentale + 1.00 * (1) Permanente + 1.00 * (1) Peso proprio + 1.00 * (1) Dinamica SLVh X
13		-0.30 * (1) Dinamica SLVh X + 1.00 * (1) Scarico serbatoi + 1.00 * (1) Spinta liquido + 0.80 * (1) Accidentale + 1.00 * (1) Permanente + 1.00 * (1) Peso proprio + -1.00 * (1) Dinamica SLVh Y
14		-0.30 * (1) Dinamica SLVh X + 1.00 * (1) Scarico serbatoi + 1.00 * (1) Spinta liquido + 0.80 * (1) Accidentale + 1.00 * (1) Permanente + 1.00 * (1) Peso proprio + 1.00 * (1) Dinamica SLVh Y
15		0.30 * (1) Dinamica SLVh X + 1.00 * (1) Scarico serbatoi + 1.00 * (1) Spinta liquido + 0.80 * (1) Accidentale + 1.00 * (1) Permanente + 1.00 * (1) Peso proprio + -1.00 * (1) Dinamica SLVh Y
16		0.30 * (1) Dinamica SLVh X + 1.00 * (1) Scarico serbatoi + 1.00 * (1) Spinta liquido + 0.80 * (1) Accidentale + 1.00 * (1) Permanente + 1.00 * (1) Peso proprio + 1.00 * (1) Dinamica SLVh Y
17		1.00 * (1) Scarico serbatoi + 1.00 * (1) Spinta liquido + 1.50 * (1) Neve + 1.50 * (1) Accidentale + 1.00 * (1) Permanente + 1.00 * (1) Peso proprio
18		1.00 * (1) Scarico serbatoi + 1.00 * (1) Spinta liquido + 0.75 * (1) Neve + 1.50 * (1) Accidentale + 1.00 * (1) Permanente + 1.00 * (1) Peso proprio
19		1.00 * (1) Scarico serbatoi + 1.00 * (1) Spinta liquido + 1.00 * (1) Permanente + 1.00 * (1) Peso proprio
20		1.30 * (1) Scarico serbatoi + 1.30 * (1) Spinta liquido + 1.50 * (1) Neve + 1.50 * (1) Accidentale + 1.30 * (1) Permanente + 1.30 * (1) Peso proprio
21		1.30 * (1) Scarico serbatoi + 1.30 * (1) Spinta liquido + 0.75 * (1) Neve + 1.50 * (1) Accidentale + 1.30 * (1) Permanente + 1.30 * (1) Peso proprio

22		1.30 * (1) Scarico serbatoi + 1.30 * (1) Spinta liquido + 1.30 * (1) Permanente + 1.30 * (1) Peso proprio

2.7 Combinazioni di carico di stato limite di esercizio

1	Quasi Perm.	1.00 * (1) Scarico serbatoi + 1.00 * (1) Spinta liquido + 0.80 * (1) Accidentale + 1.00 * (1) Permanente + 1.00 * (1) Peso proprio
2	Quasi Perm.	1.00 * (1) Scarico serbatoi + 1.00 * (1) Spinta liquido + 1.00 * (1) Permanente + 1.00 * (1) Peso proprio
3	Frequente	1.00 * (1) Scarico serbatoi + 1.00 * (1) Spinta liquido + 0.20 * (1) Neve + 0.80 * (1) Accidentale + 1.00 * (1) Permanente + 1.00 * (1) Peso proprio
4	Frequente	1.00 * (1) Scarico serbatoi + 1.00 * (1) Spinta liquido + 0.90 * (1) Accidentale + 1.00 * (1) Permanente + 1.00 * (1) Peso proprio
5	Frequente	1.00 * (1) Scarico serbatoi + 1.00 * (1) Spinta liquido + 1.00 * (1) Permanente + 1.00 * (1) Peso proprio
6	Rara	1.00 * (1) Scarico serbatoi + 1.00 * (1) Spinta liquido + 1.00 * (1) Neve + 1.00 * (1) Accidentale + 1.00 * (1) Permanente + 1.00 * (1) Peso proprio
7	Rara	1.00 * (1) Scarico serbatoi + 1.00 * (1) Spinta liquido + 0.50 * (1) Neve + 1.00 * (1) Accidentale + 1.00 * (1) Permanente + 1.00 * (1) Peso proprio
8	Rara	1.00 * (1) Scarico serbatoi + 1.00 * (1) Spinta liquido + 1.00 * (1) Permanente + 1.00 * (1) Peso proprio

2.8 Combinazioni di carico geotecniche

1		-0.30 * (1) Dinamica SLDh Y + 1.00 * (1) Scarico serbatoi + 1.00 * (1) Spinta liquido + 0.80 * (1) Accidentale + 1.00 * (1) Permanente + 1.00 * (1) Peso proprio + -1.00 * (1) Dinamica SLDh X
2		-0.30 * (1) Dinamica SLDh Y + 1.00 * (1) Scarico serbatoi + 1.00 * (1) Spinta liquido + 0.80 * (1) Accidentale + 1.00 * (1) Permanente + 1.00 * (1) Peso proprio + 1.00 * (1) Dinamica SLDh X
3		0.30 * (1) Dinamica SLDh Y + 1.00 * (1) Scarico serbatoi + 1.00 * (1) Spinta liquido + 0.80 * (1) Accidentale + 1.00 * (1) Permanente + 1.00 * (1) Peso proprio + -1.00 * (1) Dinamica SLDh X
4		0.30 * (1) Dinamica SLDh Y + 1.00 * (1) Scarico serbatoi + 1.00 * (1) Spinta liquido + 0.80 * (1) Accidentale + 1.00 * (1) Permanente + 1.00 * (1) Peso proprio + 1.00 * (1) Dinamica SLDh X
5		-0.30 * (1) Dinamica SLDh X + 1.00 * (1) Scarico serbatoi + 1.00 * (1) Spinta liquido + 0.80 * (1) Accidentale + 1.00 * (1) Permanente + 1.00 * (1) Peso proprio + -1.00 * (1) Dinamica SLDh Y
6		-0.30 * (1) Dinamica SLDh X + 1.00 * (1) Scarico serbatoi + 1.00 * (1) Spinta liquido + 0.80 * (1) Accidentale + 1.00 * (1) Permanente + 1.00 * (1) Peso proprio + 1.00 * (1) Dinamica SLDh Y
7		0.30 * (1) Dinamica SLDh X + 1.00 * (1) Scarico serbatoi + 1.00 * (1) Spinta liquido + 0.80 * (1) Accidentale + 1.00 * (1) Permanente + 1.00 * (1) Peso proprio + -1.00 * (1) Dinamica SLDh Y
8		0.30 * (1) Dinamica SLDh X + 1.00 * (1) Scarico serbatoi + 1.00 * (1) Spinta liquido + 0.80 * (1) Accidentale + 1.00 * (1) Permanente + 1.00 * (1) Peso proprio + 1.00 * (1) Dinamica SLDh Y
9		-0.30 * (1) Dinamica SLVh Y + 1.00 * (1) Scarico serbatoi + 1.00 * (1) Spinta liquido + 0.80 * (1) Accidentale + 1.00 * (1) Permanente + 1.00 * (1) Peso proprio + -1.00 * (1) Dinamica SLVh X
10		-0.30 * (1) Dinamica SLVh Y + 1.00 * (1) Scarico serbatoi + 1.00 * (1) Spinta liquido + 0.80 * (1) Accidentale + 1.00 * (1) Permanente + 1.00 * (1) Peso proprio + 1.00 * (1) Dinamica SLVh X
11		0.30 * (1) Dinamica SLVh Y + 1.00 * (1) Scarico serbatoi + 1.00 * (1) Spinta liquido + 0.80 * (1) Accidentale + 1.00 * (1) Permanente + 1.00 * (1) Peso proprio + -1.00 * (1) Dinamica SLVh X

12		0.30 * (1) Dinamica SLVh Y + 1.00 * (1) Scarico serbatoi + 1.00 * (1) Spinta liquido + 0.80 * (1) Accidentale + 1.00 * (1) Permanente + 1.00 * (1) Peso proprio + 1.00 * (1) Dinamica SLVh X
13		-0.30 * (1) Dinamica SLVh X + 1.00 * (1) Scarico serbatoi + 1.00 * (1) Spinta liquido + 0.80 * (1) Accidentale + 1.00 * (1) Permanente + 1.00 * (1) Peso proprio + -1.00 * (1) Dinamica SLVh Y
14		-0.30 * (1) Dinamica SLVh X + 1.00 * (1) Scarico serbatoi + 1.00 * (1) Spinta liquido + 0.80 * (1) Accidentale + 1.00 * (1) Permanente + 1.00 * (1) Peso proprio + 1.00 * (1) Dinamica SLVh Y
15		0.30 * (1) Dinamica SLVh X + 1.00 * (1) Scarico serbatoi + 1.00 * (1) Spinta liquido + 0.80 * (1) Accidentale + 1.00 * (1) Permanente + 1.00 * (1) Peso proprio + -1.00 * (1) Dinamica SLVh Y
16		0.30 * (1) Dinamica SLVh X + 1.00 * (1) Scarico serbatoi + 1.00 * (1) Spinta liquido + 0.80 * (1) Accidentale + 1.00 * (1) Permanente + 1.00 * (1) Peso proprio + 1.00 * (1) Dinamica SLVh Y
17		1.00 * (1) Scarico serbatoi + 1.00 * (1) Spinta liquido + 0.75 * (1) Neve + 1.50 * (1) Accidentale + 1.00 * (1) Permanente + 1.00 * (1) Peso proprio
18		1.00 * (1) Scarico serbatoi + 1.00 * (1) Spinta liquido + 1.00 * (1) Permanente + 1.00 * (1) Peso proprio
19		1.30 * (1) Scarico serbatoi + 1.30 * (1) Spinta liquido + 0.75 * (1) Neve + 1.50 * (1) Accidentale + 1.30 * (1) Permanente + 1.30 * (1) Peso proprio
20		1.30 * (1) Scarico serbatoi + 1.30 * (1) Spinta liquido + 1.30 * (1) Permanente + 1.30 * (1) Peso proprio

2.9 Elementi

Elemento	Spessore (cm)	Vertice	X (cm)	Y (cm)	Z (cm)
340	30.00	1	0.00	1525.00	0.00
		2	0.00	1525.00	50.00
		3	0.00	1429.69	50.00
		4	0.00	1437.80	0.00
339	30.00	1	0.00	1429.69	50.00
		2	0.00	1334.38	50.00
		3	0.00	1350.60	0.00
		4	0.00	1437.80	0.00
338	30.00	1	0.00	1334.38	50.00
		2	0.00	1239.06	50.00
		3	0.00	1263.40	0.00
		4	0.00	1350.60	0.00
337	30.00	1	0.00	1239.06	50.00
		2	0.00	1143.75	50.00
		3	0.00	1176.20	0.00
		4	0.00	1263.40	0.00

336	30.00	1	0.00	1143.75	50.00
		2	0.00	1048.44	50.00
		3	0.00	1089.00	0.00
		4	0.00	1176.20	0.00
335	30.00	1	0.00	1048.44	50.00
		2	0.00	953.13	50.00
		3	0.00	1000.75	0.00
		4	0.00	1089.00	0.00
334	30.00	1	0.00	953.13	50.00
		2	0.00	857.81	50.00
		3	0.00	824.25	0.00
		4	0.00	912.50	0.00
333	30.00	1	0.00	857.81	50.00
		2	0.00	762.50	50.00
		3	0.00	736.00	0.00
		4	0.00	824.25	0.00
332	30.00	1	0.00	762.50	50.00
		2	0.00	667.19	50.00
		3	0.00	647.75	0.00
		4	0.00	736.00	0.00
331	30.00	1	0.00	667.19	50.00
		2	0.00	571.88	50.00
		3	0.00	559.50	0.00
		4	0.00	647.75	0.00
330	30.00	1	0.00	571.88	50.00
		2	0.00	476.56	50.00
		3	0.00	471.25	0.00
		4	0.00	559.50	0.00
329	30.00	1	0.00	476.56	50.00
		2	0.00	381.25	50.00

		3	0.00	383.00	0.00
		4	0.00	471.25	0.00
328	30.00	1	0.00	381.25	50.00
		2	0.00	285.94	50.00
		3	0.00	287.25	0.00
		4	0.00	383.00	0.00
327	30.00	1	0.00	285.94	50.00
		2	0.00	190.63	50.00
		3	0.00	191.50	0.00
		4	0.00	287.25	0.00
326	30.00	1	0.00	190.63	50.00
		2	0.00	95.31	50.00
		3	0.00	95.75	0.00
		4	0.00	191.50	0.00
325	30.00	1	0.00	95.31	50.00
		2	0.00	0.00	50.00
		3	0.00	0.00	0.00
		4	0.00	95.75	0.00
324	30.00	1	0.00	912.50	0.00
		2	0.00	1000.75	0.00
		3	0.00	953.13	50.00
323	30.00	1	0.00	0.00	50.00
		2	0.00	0.00	0.00
		3	73.50	0.00	0.00
		4	95.00	0.00	50.00
322	30.00	1	73.50	0.00	0.00
		2	147.00	0.00	0.00
		3	190.00	0.00	50.00
		4	95.00	0.00	50.00
321	30.00	1	147.00	0.00	0.00

		2	224.67	0.00	0.00
		3	285.00	0.00	50.00
		4	190.00	0.00	50.00
320	30.00	1	302.33	0.00	0.00
		2	380.00	0.00	0.00
		3	380.00	0.00	50.00
		4	285.00	0.00	50.00
319	30.00	1	380.00	0.00	0.00
		2	457.33	0.00	0.00
		3	475.00	0.00	50.00
		4	380.00	0.00	50.00
318	30.00	1	457.33	0.00	0.00
		2	534.67	0.00	0.00
		3	570.00	0.00	50.00
		4	475.00	0.00	50.00
317	30.00	1	534.67	0.00	0.00
		2	612.00	0.00	0.00
		3	665.00	0.00	50.00
		4	570.00	0.00	50.00
316	30.00	1	686.00	0.00	0.00
		2	760.00	0.00	0.00
		3	760.00	0.00	50.00
		4	665.00	0.00	50.00
315	30.00	1	224.67	0.00	0.00
		2	302.33	0.00	0.00
		3	285.00	0.00	50.00
314	30.00	1	612.00	0.00	0.00
		2	686.00	0.00	0.00
		3	665.00	0.00	50.00
313	30.00	1	0.00	1525.00	50.00

		2	0.00	1525.00	0.00
		3	73.50	1525.00	0.00
		4	95.00	1525.00	50.00
312	30.00	1	73.50	1525.00	0.00
		2	147.00	1525.00	0.00
		3	190.00	1525.00	50.00
		4	95.00	1525.00	50.00
311	30.00	1	147.00	1525.00	0.00
		2	224.67	1525.00	0.00
		3	285.00	1525.00	50.00
		4	190.00	1525.00	50.00
310	30.00	1	302.33	1525.00	0.00
		2	380.00	1525.00	0.00
		3	380.00	1525.00	50.00
		4	285.00	1525.00	50.00
309	30.00	1	380.00	1525.00	0.00
		2	457.33	1525.00	0.00
		3	475.00	1525.00	50.00
		4	380.00	1525.00	50.00
308	30.00	1	457.33	1525.00	0.00
		2	534.67	1525.00	0.00
		3	570.00	1525.00	50.00
		4	475.00	1525.00	50.00
307	30.00	1	534.67	1525.00	0.00
		2	612.00	1525.00	0.00
		3	665.00	1525.00	50.00
		4	570.00	1525.00	50.00
306	30.00	1	686.00	1525.00	0.00
		2	760.00	1525.00	0.00
		3	760.00	1525.00	50.00

		4	665.00	1525.00	50.00
305	30.00	1	224.67	1525.00	0.00
		2	302.33	1525.00	0.00
		3	285.00	1525.00	50.00
304	30.00	1	612.00	1525.00	0.00
		2	686.00	1525.00	0.00
		3	665.00	1525.00	50.00
303	30.00	1	760.00	1525.00	0.00
		2	760.00	1525.00	50.00
		3	760.00	1429.69	50.00
		4	760.00	1437.80	0.00
302	30.00	1	760.00	1429.69	50.00
		2	760.00	1334.38	50.00
		3	760.00	1350.60	0.00
		4	760.00	1437.80	0.00
301	30.00	1	760.00	1334.38	50.00
		2	760.00	1239.06	50.00
		3	760.00	1263.40	0.00
		4	760.00	1350.60	0.00
300	30.00	1	760.00	1239.06	50.00
		2	760.00	1143.75	50.00
		3	760.00	1176.20	0.00
		4	760.00	1263.40	0.00
299	30.00	1	760.00	1143.75	50.00
		2	760.00	1048.44	50.00
		3	760.00	1089.00	0.00
		4	760.00	1176.20	0.00
298	30.00	1	760.00	1048.44	50.00
		2	760.00	953.13	50.00
		3	760.00	1000.75	0.00

		4	760.00	1089.00	0.00
297	30.00	1	760.00	953.13	50.00
		2	760.00	857.81	50.00
		3	760.00	824.25	0.00
		4	760.00	912.50	0.00
296	30.00	1	760.00	857.81	50.00
		2	760.00	762.50	50.00
		3	760.00	736.00	0.00
		4	760.00	824.25	0.00
295	30.00	1	760.00	762.50	50.00
		2	760.00	667.19	50.00
		3	760.00	647.75	0.00
		4	760.00	736.00	0.00
294	30.00	1	760.00	667.19	50.00
		2	760.00	571.88	50.00
		3	760.00	559.50	0.00
		4	760.00	647.75	0.00
293	30.00	1	760.00	571.88	50.00
		2	760.00	476.56	50.00
		3	760.00	471.25	0.00
		4	760.00	559.50	0.00
292	30.00	1	760.00	476.56	50.00
		2	760.00	381.25	50.00
		3	760.00	383.00	0.00
		4	760.00	471.25	0.00
291	30.00	1	760.00	381.25	50.00
		2	760.00	285.94	50.00
		3	760.00	287.25	0.00
		4	760.00	383.00	0.00
290	30.00	1	760.00	285.94	50.00

		2	760.00	190.63	50.00
		3	760.00	191.50	0.00
		4	760.00	287.25	0.00
289	30.00	1	760.00	190.63	50.00
		2	760.00	95.31	50.00
		3	760.00	95.75	0.00
		4	760.00	191.50	0.00
288	30.00	1	760.00	95.31	50.00
		2	760.00	0.00	50.00
		3	760.00	0.00	0.00
		4	760.00	95.75	0.00
287	30.00	1	760.00	912.50	0.00
		2	760.00	1000.75	0.00
		3	760.00	953.13	50.00
262	30.00	1	760.00	0.00	0.00
		2	760.00	95.75	0.00
		3	685.80	90.18	0.00
		4	686.00	0.00	0.00
261	30.00	1	760.00	95.75	0.00
		2	760.00	191.50	0.00
		3	685.17	188.28	0.00
		4	685.80	90.18	0.00
260	30.00	1	760.00	191.50	0.00
		2	760.00	287.25	0.00
		3	685.25	285.82	0.00
		4	685.17	188.28	0.00
259	30.00	1	760.00	287.25	0.00
		2	760.00	383.00	0.00
		3	686.00	383.00	0.00
		4	685.25	285.82	0.00

258	30.00	1	686.00	383.00	0.00
		2	612.00	383.00	0.00
		3	610.05	284.63	0.00
		4	685.25	285.82	0.00
257	30.00	1	612.00	383.00	0.00
		2	534.67	383.00	0.00
		3	533.73	284.14	0.00
		4	610.05	284.63	0.00
256	30.00	1	534.67	383.00	0.00
		2	457.33	383.00	0.00
		3	456.88	283.82	0.00
		4	533.73	284.14	0.00
255	30.00	1	457.33	383.00	0.00
		2	380.00	383.00	0.00
		3	379.80	283.58	0.00
		4	456.88	283.82	0.00
254	30.00	1	380.00	383.00	0.00
		2	302.33	383.00	0.00
		3	302.64	283.85	0.00
		4	379.80	283.58	0.00
253	30.00	1	302.33	383.00	0.00
		2	224.67	383.00	0.00
		3	225.70	284.18	0.00
		4	302.64	283.85	0.00
252	30.00	1	224.67	383.00	0.00
		2	147.00	383.00	0.00
		3	149.38	284.69	0.00
		4	225.70	284.18	0.00
251	30.00	1	147.00	383.00	0.00
		2	73.50	383.00	0.00

		3	74.43	285.86	0.00
		4	149.38	284.69	0.00
250	30.00	1	73.50	383.00	0.00
		2	0.00	383.00	0.00
		3	0.00	287.25	0.00
		4	74.43	285.86	0.00
249	30.00	1	0.00	287.25	0.00
		2	0.00	191.50	0.00
		3	74.52	188.30	0.00
		4	74.43	285.86	0.00
248	30.00	1	0.00	191.50	0.00
		2	0.00	95.75	0.00
		3	73.74	90.17	0.00
		4	74.52	188.30	0.00
247	30.00	1	0.00	95.75	0.00
		2	0.00	0.00	0.00
		3	73.50	0.00	0.00
		4	73.74	90.17	0.00
246	30.00	1	73.50	0.00	0.00
		2	147.00	0.00	0.00
		3	147.00	80.00	0.00
		4	73.74	90.17	0.00
245	30.00	1	147.00	80.00	0.00
		2	147.00	0.00	0.00
		3	224.67	0.00	0.00
		4	224.91	87.32	0.00
244	30.00	1	224.67	0.00	0.00
		2	302.33	0.00	0.00
		3	302.50	87.26	0.00
		4	224.91	87.32	0.00

243	30.00	1	302.33	0.00	0.00
		2	380.00	0.00	0.00
		3	380.00	80.00	0.00
		4	302.50	87.26	0.00
242	30.00	1	380.00	80.00	0.00
		2	380.00	0.00	0.00
		3	457.33	0.00	0.00
		4	457.14	87.22	0.00
241	30.00	1	457.33	0.00	0.00
		2	534.67	0.00	0.00
		3	534.42	87.32	0.00
		4	457.14	87.22	0.00
240	30.00	1	534.67	0.00	0.00
		2	612.00	0.00	0.00
		3	612.00	80.00	0.00
		4	534.42	87.32	0.00
239	30.00	1	612.00	80.00	0.00
		2	612.00	0.00	0.00
		3	686.00	0.00	0.00
		4	685.80	90.18	0.00
238	30.00	1	147.00	80.00	0.00
		2	224.91	87.32	0.00
		3	225.78	185.32	0.00
		4	149.48	185.31	0.00
237	30.00	1	73.74	90.17	0.00
		2	147.00	80.00	0.00
		3	149.48	185.31	0.00
		4	74.52	188.30	0.00
236	30.00	1	302.50	87.26	0.00
		2	380.00	80.00	0.00

		3	379.81	183.74	0.00
		4	302.71	184.94	0.00
235	30.00	1	380.00	80.00	0.00
		2	457.14	87.22	0.00
		3	456.84	184.92	0.00
		4	379.81	183.74	0.00
234	30.00	1	534.42	87.32	0.00
		2	612.00	80.00	0.00
		3	609.97	185.27	0.00
		4	533.66	185.37	0.00
233	30.00	1	612.00	80.00	0.00
		2	685.80	90.18	0.00
		3	685.17	188.28	0.00
		4	609.97	185.27	0.00
232	30.00	1	610.05	284.63	0.00
		2	533.73	284.14	0.00
		3	533.66	185.37	0.00
		4	609.97	185.27	0.00
231	30.00	1	685.25	285.82	0.00
		2	610.05	284.63	0.00
		3	609.97	185.27	0.00
		4	685.17	188.28	0.00
230	30.00	1	533.73	284.14	0.00
		2	456.88	283.82	0.00
		3	456.84	184.92	0.00
		4	533.66	185.37	0.00
229	30.00	1	456.88	283.82	0.00
		2	379.80	283.58	0.00
		3	379.81	183.74	0.00
		4	456.84	184.92	0.00

228	30.00	1	379.80	283.58	0.00
		2	302.64	283.85	0.00
		3	302.71	184.94	0.00
		4	379.81	183.74	0.00
227	30.00	1	302.64	283.85	0.00
		2	225.70	284.18	0.00
		3	225.78	185.32	0.00
		4	302.71	184.94	0.00
226	30.00	1	225.70	284.18	0.00
		2	149.38	284.69	0.00
		3	149.48	185.31	0.00
		4	225.78	185.32	0.00
225	30.00	1	149.38	284.69	0.00
		2	74.43	285.86	0.00
		3	74.52	188.30	0.00
		4	149.48	185.31	0.00
224	30.00	1	224.91	87.32	0.00
		2	302.50	87.26	0.00
		3	302.71	184.94	0.00
		4	225.78	185.32	0.00
223	30.00	1	457.14	87.22	0.00
		2	534.42	87.32	0.00
		3	533.66	185.37	0.00
		4	456.84	184.92	0.00
222	30.00	1	760.00	383.00	0.00
		2	760.00	471.25	0.00
		3	685.30	457.90	0.00
		4	686.00	383.00	0.00
221	30.00	1	760.00	471.25	0.00
		2	760.00	559.50	0.00

		3	684.95	551.76	0.00
		4	685.30	457.90	0.00
220	30.00	1	760.00	559.50	0.00
		2	760.00	647.75	0.00
		3	685.22	644.03	0.00
		4	684.95	551.76	0.00
219	30.00	1	760.00	647.75	0.00
		2	760.00	736.00	0.00
		3	686.00	736.00	0.00
		4	685.22	644.03	0.00
218	30.00	1	686.00	736.00	0.00
		2	612.00	736.00	0.00
		3	610.03	640.63	0.00
		4	685.22	644.03	0.00
217	30.00	1	612.00	736.00	0.00
		2	534.67	736.00	0.00
		3	533.65	638.48	0.00
		4	610.03	640.63	0.00
216	30.00	1	534.67	736.00	0.00
		2	457.33	736.00	0.00
		3	456.64	635.46	0.00
		4	533.65	638.48	0.00
215	30.00	1	457.33	736.00	0.00
		2	380.00	736.00	0.00
		3	374.07	621.18	0.00
		4	456.64	635.46	0.00
214	30.00	1	380.00	736.00	0.00
		2	302.33	736.00	0.00
		3	281.17	586.66	0.00
		4	374.07	621.18	0.00

213	30.00	1	302.33	736.00	0.00
		2	224.67	736.00	0.00
		3	206.12	617.20	0.00
		4	281.17	586.66	0.00
212	30.00	1	224.67	736.00	0.00
		2	147.00	736.00	0.00
		3	136.25	636.02	0.00
		4	206.12	617.20	0.00
211	30.00	1	147.00	736.00	0.00
		2	73.50	736.00	0.00
		3	68.05	643.12	0.00
		4	136.25	636.02	0.00
210	30.00	1	73.50	736.00	0.00
		2	0.00	736.00	0.00
		3	0.00	647.75	0.00
		4	68.05	643.12	0.00
209	30.00	1	0.00	647.75	0.00
		2	0.00	559.50	0.00
		3	63.32	556.63	0.00
		4	68.05	643.12	0.00
208	30.00	1	0.00	559.50	0.00
		2	0.00	471.25	0.00
		3	71.07	459.24	0.00
		4	63.32	556.63	0.00
207	30.00	1	0.00	471.25	0.00
		2	0.00	383.00	0.00
		3	73.50	383.00	0.00
		4	71.07	459.24	0.00
206	30.00	1	73.50	383.00	0.00
		2	147.00	383.00	0.00

		3	147.00	433.00	0.00
		4	71.07	459.24	0.00
205	30.00	1	147.00	433.00	0.00
		2	147.00	383.00	0.00
		3	224.67	383.00	0.00
		4	229.85	447.44	0.00
204	30.00	1	224.67	383.00	0.00
		2	302.33	383.00	0.00
		3	307.88	446.87	0.00
		4	229.85	447.44	0.00
203	30.00	1	302.33	383.00	0.00
		2	380.00	383.00	0.00
		3	380.00	433.00	0.00
		4	307.88	446.87	0.00
202	30.00	1	380.00	433.00	0.00
		2	380.00	383.00	0.00
		3	457.33	383.00	0.00
		4	457.04	451.69	0.00
201	30.00	1	457.33	383.00	0.00
		2	534.67	383.00	0.00
		3	534.75	452.23	0.00
		4	457.04	451.69	0.00
200	30.00	1	534.67	383.00	0.00
		2	612.00	383.00	0.00
		3	612.00	433.00	0.00
		4	534.75	452.23	0.00
199	30.00	1	612.00	433.00	0.00
		2	612.00	383.00	0.00
		3	686.00	383.00	0.00
		4	685.30	457.90	0.00

198	30.00	1	147.00	433.00	0.00
		2	229.85	447.44	0.00
		3	240.03	522.17	0.00
		4	182.69	531.70	0.00
197	30.00	1	281.17	586.66	0.00
		2	240.03	522.17	0.00
		3	317.91	523.09	0.00
196	30.00	1	307.88	446.87	0.00
		2	380.00	433.00	0.00
		3	383.11	531.14	0.00
		4	317.91	523.09	0.00
195	30.00	1	380.00	433.00	0.00
		2	457.04	451.69	0.00
		3	457.75	540.00	0.00
		4	383.11	531.14	0.00
194	30.00	1	534.75	452.23	0.00
		2	612.00	433.00	0.00
		3	609.90	544.30	0.00
		4	534.06	543.60	0.00
193	30.00	1	612.00	433.00	0.00
		2	685.30	457.90	0.00
		3	684.95	551.76	0.00
		4	609.90	544.30	0.00
192	30.00	1	610.03	640.63	0.00
		2	533.65	638.48	0.00
		3	534.06	543.60	0.00
		4	609.90	544.30	0.00
191	30.00	1	685.22	644.03	0.00
		2	610.03	640.63	0.00
		3	609.90	544.30	0.00

		4	684.95	551.76	0.00
190	30.00	1	533.65	638.48	0.00
		2	456.64	635.46	0.00
		3	457.75	540.00	0.00
		4	534.06	543.60	0.00
189	30.00	1	456.64	635.46	0.00
		2	374.07	621.18	0.00
		3	383.11	531.14	0.00
		4	457.75	540.00	0.00
188	30.00	1	374.07	621.18	0.00
		2	281.17	586.66	0.00
		3	317.91	523.09	0.00
		4	383.11	531.14	0.00
187	30.00	1	281.17	586.66	0.00
		2	206.12	617.20	0.00
		3	182.69	531.70	0.00
		4	240.03	522.17	0.00
186	30.00	1	206.12	617.20	0.00
		2	136.25	636.02	0.00
		3	123.88	560.29	0.00
		4	182.69	531.70	0.00
185	30.00	1	136.25	636.02	0.00
		2	68.05	643.12	0.00
		3	63.32	556.63	0.00
		4	123.88	560.29	0.00
184	30.00	1	229.85	447.44	0.00
		2	307.88	446.87	0.00
		3	317.91	523.09	0.00
		4	240.03	522.17	0.00
183	30.00	1	457.04	451.69	0.00

		2	534.75	452.23	0.00
		3	534.06	543.60	0.00
		4	457.75	540.00	0.00
182	30.00	1	182.69	531.70	0.00
		2	123.88	560.29	0.00
		3	147.00	433.00	0.00
181	30.00	1	123.88	560.29	0.00
		2	63.32	556.63	0.00
		3	71.07	459.24	0.00
		4	147.00	433.00	0.00
180	30.00	1	760.00	736.00	0.00
		2	760.00	824.25	0.00
		3	685.29	810.91	0.00
		4	686.00	736.00	0.00
179	30.00	1	760.00	824.25	0.00
		2	760.00	912.50	0.00
		3	684.93	904.85	0.00
		4	685.29	810.91	0.00
178	30.00	1	760.00	912.50	0.00
		2	760.00	1000.75	0.00
		3	685.20	997.06	0.00
		4	684.93	904.85	0.00
177	30.00	1	760.00	1000.75	0.00
		2	760.00	1089.00	0.00
		3	686.00	1089.00	0.00
		4	685.20	997.06	0.00
176	30.00	1	686.00	1089.00	0.00
		2	612.00	1089.00	0.00
		3	610.03	993.90	0.00
		4	685.20	997.06	0.00

175	30.00	1	612.00	1089.00	0.00
		2	534.67	1089.00	0.00
		3	533.82	992.48	0.00
		4	610.03	993.90	0.00
174	30.00	1	534.67	1089.00	0.00
		2	457.33	1089.00	0.00
		3	458.28	990.86	0.00
		4	533.82	992.48	0.00
173	30.00	1	457.33	1089.00	0.00
		2	380.00	1089.00	0.00
		3	385.09	991.36	0.00
		4	458.28	990.86	0.00
172	30.00	1	380.00	1089.00	0.00
		2	302.33	1089.00	0.00
		3	317.43	994.58	0.00
		4	385.09	991.36	0.00
171	30.00	1	302.33	1089.00	0.00
		2	224.67	1089.00	0.00
		3	253.01	999.31	0.00
		4	317.43	994.58	0.00
170	30.00	1	224.67	736.00	0.00
		2	259.26	824.27	0.00
		3	236.81	906.33	0.00
		4	186.48	873.74	0.00
169	30.00	1	147.00	1089.00	0.00
		2	73.50	1089.00	0.00
		3	63.97	985.49	0.00
		4	126.03	962.58	0.00
168	30.00	1	73.50	1089.00	0.00
		2	0.00	1089.00	0.00

		3	0.00	1000.75	0.00
		4	63.97	985.49	0.00
167	30.00	1	0.00	1000.75	0.00
		2	0.00	912.50	0.00
		3	54.72	898.60	0.00
		4	63.97	985.49	0.00
166	30.00	1	0.00	912.50	0.00
		2	0.00	824.25	0.00
		3	67.19	810.33	0.00
		4	54.72	898.60	0.00
165	30.00	1	0.00	824.25	0.00
		2	0.00	736.00	0.00
		3	73.50	736.00	0.00
		4	67.19	810.33	0.00
164	30.00	1	73.50	736.00	0.00
		2	147.00	736.00	0.00
		3	147.00	786.00	0.00
		4	67.19	810.33	0.00
163	30.00	1	224.67	736.00	0.00
		2	186.48	873.74	0.00
		3	147.00	786.00	0.00
		4	147.00	736.00	0.00
162	30.00	1	224.67	736.00	0.00
		2	302.33	736.00	0.00
		3	316.60	812.34	0.00
		4	259.26	824.27	0.00
161	30.00	1	302.33	736.00	0.00
		2	380.00	736.00	0.00
		3	380.00	786.00	0.00
		4	316.60	812.34	0.00

160	30.00	1	380.00	786.00	0.00
		2	380.00	736.00	0.00
		3	457.33	736.00	0.00
		4	457.04	805.30	0.00
159	30.00	1	457.33	736.00	0.00
		2	534.67	736.00	0.00
		3	534.76	805.57	0.00
		4	457.04	805.30	0.00
158	30.00	1	534.67	736.00	0.00
		2	612.00	736.00	0.00
		3	612.00	786.00	0.00
		4	534.76	805.57	0.00
157	30.00	1	612.00	786.00	0.00
		2	612.00	736.00	0.00
		3	686.00	736.00	0.00
		4	685.29	810.91	0.00
156	30.00	1	186.48	873.74	0.00
		2	236.81	906.33	0.00
		3	253.01	999.31	0.00
		4	224.67	1089.00	0.00
155	30.00	1	186.48	873.74	0.00
		2	224.67	1089.00	0.00
		3	147.00	1089.00	0.00
		4	126.03	962.58	0.00
154	30.00	1	316.60	812.34	0.00
		2	380.00	786.00	0.00
		3	382.63	898.40	0.00
		4	313.51	903.37	0.00
153	30.00	1	380.00	786.00	0.00
		2	457.04	805.30	0.00

		3	457.97	898.20	0.00
		4	382.63	898.40	0.00
152	30.00	1	534.76	805.57	0.00
		2	612.00	786.00	0.00
		3	609.92	897.77	0.00
		4	534.15	898.58	0.00
151	30.00	1	612.00	786.00	0.00
		2	685.29	810.91	0.00
		3	684.93	904.85	0.00
		4	609.92	897.77	0.00
150	30.00	1	610.03	993.90	0.00
		2	533.82	992.48	0.00
		3	534.15	898.58	0.00
		4	609.92	897.77	0.00
149	30.00	1	685.20	997.06	0.00
		2	610.03	993.90	0.00
		3	609.92	897.77	0.00
		4	684.93	904.85	0.00
148	30.00	1	533.82	992.48	0.00
		2	458.28	990.86	0.00
		3	457.97	898.20	0.00
		4	534.15	898.58	0.00
147	30.00	1	458.28	990.86	0.00
		2	385.09	991.36	0.00
		3	382.63	898.40	0.00
		4	457.97	898.20	0.00
146	30.00	1	385.09	991.36	0.00
		2	317.43	994.58	0.00
		3	313.51	903.37	0.00
		4	382.63	898.40	0.00

145	30.00	1	317.43	994.58	0.00
		2	253.01	999.31	0.00
		3	236.81	906.33	0.00
		4	313.51	903.37	0.00
144	30.00	1	147.00	786.00	0.00
		2	186.48	873.74	0.00
		3	126.03	962.58	0.00
		4	105.89	888.50	0.00
143	30.00	1	126.03	962.58	0.00
		2	63.97	985.49	0.00
		3	54.72	898.60	0.00
		4	105.89	888.50	0.00
142	30.00	1	259.26	824.27	0.00
		2	316.60	812.34	0.00
		3	313.51	903.37	0.00
		4	236.81	906.33	0.00
141	30.00	1	457.04	805.30	0.00
		2	534.76	805.57	0.00
		3	534.15	898.58	0.00
		4	457.97	898.20	0.00
140	30.00	1	105.89	888.50	0.00
		2	54.72	898.60	0.00
		3	67.19	810.33	0.00
		4	147.00	786.00	0.00
139	30.00	1	147.00	1525.00	0.00
		2	73.50	1525.00	0.00
		3	75.15	1438.50	0.00
		4	147.00	1442.00	0.00
138	30.00	1	73.50	1525.00	0.00
		2	0.00	1525.00	0.00

		3	0.00	1437.80	0.00
		4	75.15	1438.50	0.00
137	30.00	1	0.00	1437.80	0.00
		2	0.00	1350.60	0.00
		3	79.88	1350.63	0.00
		4	75.15	1438.50	0.00
136	30.00	1	0.00	1350.60	0.00
		2	0.00	1263.40	0.00
		3	103.04	1245.70	0.00
		4	79.88	1350.63	0.00
135	30.00	1	0.00	1263.40	0.00
		2	0.00	1176.20	0.00
		3	82.04	1162.06	0.00
		4	103.04	1245.70	0.00
134	30.00	1	0.00	1176.20	0.00
		2	0.00	1089.00	0.00
		3	73.50	1089.00	0.00
		4	82.04	1162.06	0.00
133	30.00	1	73.50	1089.00	0.00
		2	147.00	1089.00	0.00
		3	147.00	1139.00	0.00
		4	82.04	1162.06	0.00
132	30.00	1	481.11	1416.95	0.00
		2	543.01	1371.51	0.00
		3	541.84	1453.34	0.00
131	30.00	1	224.67	1089.00	0.00
		2	302.33	1089.00	0.00
		3	310.79	1158.33	0.00
		4	254.70	1157.55	0.00
130	30.00	1	302.33	1089.00	0.00

		2	380.00	1089.00	0.00
		3	380.00	1139.00	0.00
		4	310.79	1158.33	0.00
129	30.00	1	380.00	1139.00	0.00
		2	380.00	1089.00	0.00
		3	457.33	1089.00	0.00
		4	457.27	1153.86	0.00
128	30.00	1	457.33	1089.00	0.00
		2	534.67	1089.00	0.00
		3	535.05	1152.57	0.00
		4	457.27	1153.86	0.00
127	30.00	1	534.67	1089.00	0.00
		2	612.00	1089.00	0.00
		3	612.00	1139.00	0.00
		4	535.05	1152.57	0.00
126	30.00	1	612.00	1139.00	0.00
		2	612.00	1089.00	0.00
		3	686.00	1089.00	0.00
		4	684.00	1143.09	0.00
125	30.00	1	686.00	1089.00	0.00
		2	760.00	1089.00	0.00
		3	760.00	1176.20	0.00
		4	684.00	1143.09	0.00
124	30.00	1	760.00	1176.20	0.00
		2	685.63	1222.43	0.00
		3	684.00	1143.09	0.00
123	30.00	1	760.00	1263.40	0.00
		2	760.00	1350.60	0.00
		3	686.83	1362.63	0.00
		4	686.77	1287.44	0.00

122	30.00	1	760.00	1350.60	0.00
		2	760.00	1437.80	0.00
		3	686.23	1441.80	0.00
		4	686.83	1362.63	0.00
121	30.00	1	760.00	1437.80	0.00
		2	760.00	1525.00	0.00
		3	686.00	1525.00	0.00
		4	686.23	1441.80	0.00
120	30.00	1	686.00	1525.00	0.00
		2	612.00	1525.00	0.00
		3	612.00	1442.00	0.00
		4	686.23	1441.80	0.00
119	30.00	1	612.00	1442.00	0.00
		2	612.00	1525.00	0.00
		3	534.67	1525.00	0.00
		4	541.84	1453.34	0.00
118	30.00	1	534.67	1525.00	0.00
		2	457.33	1525.00	0.00
		3	481.11	1416.95	0.00
		4	541.84	1453.34	0.00
117	30.00	1	457.33	1525.00	0.00
		2	380.00	1525.00	0.00
		3	380.00	1442.00	0.00
		4	481.11	1416.95	0.00
116	30.00	1	380.00	1442.00	0.00
		2	380.00	1525.00	0.00
		3	302.33	1525.00	0.00
		4	300.13	1442.56	0.00
115	30.00	1	302.33	1525.00	0.00
		2	224.67	1525.00	0.00

		3	223.88	1446.33	0.00
		4	300.13	1442.56	0.00
114	30.00	1	224.67	1525.00	0.00
		2	147.00	1525.00	0.00
		3	147.00	1442.00	0.00
		4	223.88	1446.33	0.00
113	30.00	1	481.11	1416.95	0.00
		2	462.95	1322.50	0.00
		3	537.00	1303.08	0.00
		4	543.01	1371.51	0.00
112	30.00	1	82.04	1162.06	0.00
		2	147.00	1139.00	0.00
		3	182.10	1172.96	0.00
		4	103.04	1245.70	0.00
111	30.00	1	310.79	1158.33	0.00
		2	380.00	1139.00	0.00
		3	376.47	1244.92	0.00
		4	288.47	1260.99	0.00
110	30.00	1	380.00	1139.00	0.00
		2	457.27	1153.86	0.00
		3	457.73	1236.04	0.00
		4	376.47	1244.92	0.00
109	30.00	1	535.05	1152.57	0.00
		2	612.00	1139.00	0.00
		3	611.35	1220.70	0.00
		4	535.20	1227.71	0.00
108	30.00	1	612.00	1139.00	0.00
		2	684.00	1143.09	0.00
		3	685.63	1222.43	0.00
		4	611.35	1220.70	0.00

107	30.00	1	686.23	1441.80	0.00
		2	612.00	1442.00	0.00
		3	613.52	1367.24	0.00
		4	686.83	1362.63	0.00
106	30.00	1	612.00	1442.00	0.00
		2	541.84	1453.34	0.00
		3	543.01	1371.51	0.00
		4	613.52	1367.24	0.00
105	30.00	1	481.11	1416.95	0.00
		2	380.00	1442.00	0.00
		3	379.15	1340.86	0.00
		4	462.95	1322.50	0.00
104	30.00	1	380.00	1442.00	0.00
		2	300.13	1442.56	0.00
		3	298.61	1357.25	0.00
		4	379.15	1340.86	0.00
103	30.00	1	223.88	1446.33	0.00
		2	147.00	1442.00	0.00
		3	154.54	1363.76	0.00
		4	226.91	1371.39	0.00
102	30.00	1	147.00	1442.00	0.00
		2	75.15	1438.50	0.00
		3	79.88	1350.63	0.00
		4	154.54	1363.76	0.00
101	30.00	1	686.83	1362.63	0.00
		2	613.52	1367.24	0.00
		3	612.18	1294.32	0.00
		4	686.77	1287.44	0.00
100	30.00	1	103.04	1245.70	0.00
		2	182.10	1172.96	0.00

		3	223.69	1220.55	0.00
		4	173.70	1283.80	0.00
99	30.00	1	254.70	1157.55	0.00
		2	310.79	1158.33	0.00
		3	288.47	1260.99	0.00
		4	223.69	1220.55	0.00
98	30.00	1	611.35	1220.70	0.00
		2	685.63	1222.43	0.00
		3	686.77	1287.44	0.00
		4	612.18	1294.32	0.00
97	30.00	1	457.27	1153.86	0.00
		2	535.05	1152.57	0.00
		3	535.20	1227.71	0.00
		4	457.73	1236.04	0.00
96	30.00	1	288.47	1260.99	0.00
		2	298.61	1357.25	0.00
		3	226.91	1371.39	0.00
		4	228.14	1306.51	0.00
95	30.00	1	300.13	1442.56	0.00
		2	223.88	1446.33	0.00
		3	226.91	1371.39	0.00
		4	298.61	1357.25	0.00
94	30.00	1	376.47	1244.92	0.00
		2	457.73	1236.04	0.00
		3	462.95	1322.50	0.00
		4	379.15	1340.86	0.00
93	30.00	1	535.20	1227.71	0.00
		2	611.35	1220.70	0.00
		3	612.18	1294.32	0.00
		4	537.00	1303.08	0.00

92	30.00	1	613.52	1367.24	0.00
		2	543.01	1371.51	0.00
		3	537.00	1303.08	0.00
		4	612.18	1294.32	0.00
91	30.00	1	379.15	1340.86	0.00
		2	298.61	1357.25	0.00
		3	288.47	1260.99	0.00
		4	376.47	1244.92	0.00
90	30.00	1	288.47	1260.99	0.00
		2	228.14	1306.51	0.00
		3	173.70	1283.80	0.00
		4	223.69	1220.55	0.00
89	30.00	1	457.73	1236.04	0.00
		2	535.20	1227.71	0.00
		3	537.00	1303.08	0.00
		4	462.95	1322.50	0.00
88	30.00	1	224.67	1089.00	0.00
		2	254.70	1157.55	0.00
		3	223.69	1220.55	0.00
		4	182.10	1172.96	0.00
87	30.00	1	760.00	1176.20	0.00
		2	760.00	1263.40	0.00
		3	686.77	1287.44	0.00
		4	685.63	1222.43	0.00
86	30.00	1	103.04	1245.70	0.00
		2	173.70	1283.80	0.00
		3	154.54	1363.76	0.00
		4	79.88	1350.63	0.00
85	30.00	1	173.70	1283.80	0.00
		2	228.14	1306.51	0.00

		3	226.91	1371.39	0.00
		4	154.54	1363.76	0.00
84	30.00	1	224.67	1089.00	0.00
		2	182.10	1172.96	0.00
		3	147.00	1139.00	0.00
		4	147.00	1089.00	0.00
83	30.00	1	1200.00	0.00	0.00
		2	1200.00	95.31	0.00
		3	1111.38	94.63	0.00
		4	1112.00	0.00	0.00
82	30.00	1	1200.00	95.31	0.00
		2	1200.00	190.62	0.00
		3	1110.89	189.37	0.00
		4	1111.38	94.63	0.00
81	30.00	1	1200.00	190.62	0.00
		2	1200.00	285.94	0.00
		3	1110.37	283.96	0.00
		4	1110.89	189.37	0.00
80	30.00	1	1200.00	285.94	0.00
		2	1200.00	381.25	0.00
		3	1109.94	378.47	0.00
		4	1110.37	283.96	0.00
79	30.00	1	1200.00	381.25	0.00
		2	1200.00	476.56	0.00
		3	1109.52	472.93	0.00
		4	1109.94	378.47	0.00
78	30.00	1	1200.00	476.56	0.00
		2	1200.00	571.87	0.00
		3	1108.54	567.60	0.00
		4	1109.52	472.93	0.00

77	30.00	1	1200.00	571.87	0.00
		2	1200.00	667.19	0.00
		3	1106.46	663.32	0.00
		4	1108.54	567.60	0.00
76	30.00	1	1200.00	667.19	0.00
		2	1200.00	762.50	0.00
		3	1103.37	761.54	0.00
		4	1106.46	663.32	0.00
75	30.00	1	1200.00	762.50	0.00
		2	1200.00	857.81	0.00
		3	1105.77	862.47	0.00
		4	1103.37	761.54	0.00
74	30.00	1	1200.00	857.81	0.00
		2	1200.00	953.13	0.00
		3	1107.86	959.59	0.00
		4	1105.77	862.47	0.00
73	30.00	1	1200.00	953.13	0.00
		2	1200.00	1048.44	0.00
		3	1109.09	1054.74	0.00
		4	1107.86	959.59	0.00
72	30.00	1	1200.00	1048.44	0.00
		2	1200.00	1143.75	0.00
		3	1109.81	1149.03	0.00
		4	1109.09	1054.74	0.00
71	30.00	1	1200.00	1143.75	0.00
		2	1200.00	1239.06	0.00
		3	1110.35	1243.03	0.00
		4	1109.81	1149.03	0.00
70	30.00	1	1200.00	1239.06	0.00
		2	1200.00	1334.38	0.00

		3	1110.88	1336.97	0.00
		4	1110.35	1243.03	0.00
69	30.00	1	1200.00	1334.38	0.00
		2	1200.00	1429.69	0.00
		3	1111.41	1430.93	0.00
		4	1110.88	1336.97	0.00
68	30.00	1	1200.00	1429.69	0.00
		2	1200.00	1525.00	0.00
		3	1112.00	1525.00	0.00
		4	1111.41	1430.93	0.00
67	30.00	1	1112.00	1525.00	0.00
		2	1024.00	1525.00	0.00
		3	1023.04	1432.35	0.00
		4	1111.41	1430.93	0.00
66	30.00	1	1024.00	1525.00	0.00
		2	936.00	1525.00	0.00
		3	935.08	1434.05	0.00
		4	1023.04	1432.35	0.00
65	30.00	1	936.00	1525.00	0.00
		2	848.00	1525.00	0.00
		3	847.43	1435.88	0.00
		4	935.08	1434.05	0.00
64	30.00	1	848.00	1525.00	0.00
		2	760.00	1525.00	0.00
		3	760.00	1437.80	0.00
		4	847.43	1435.88	0.00
63	30.00	1	760.00	1437.80	0.00
		2	760.00	1350.60	0.00
		3	846.90	1346.85	0.00
		4	847.43	1435.88	0.00

62	30.00	1	760.00	1350.60	0.00
		2	760.00	1263.40	0.00
		3	846.52	1257.95	0.00
		4	846.90	1346.85	0.00
61	30.00	1	760.00	1263.40	0.00
		2	760.00	1176.20	0.00
		3	846.19	1169.03	0.00
		4	846.52	1257.95	0.00
60	30.00	1	760.00	1176.20	0.00
		2	760.00	1089.00	0.00
		3	845.62	1079.97	0.00
		4	846.19	1169.03	0.00
59	30.00	1	760.00	1089.00	0.00
		2	760.00	1000.75	0.00
		3	844.32	990.78	0.00
		4	845.62	1079.97	0.00
58	30.00	1	760.00	1000.75	0.00
		2	760.00	912.50	0.00
		3	841.55	902.57	0.00
		4	844.32	990.78	0.00
57	30.00	1	760.00	912.50	0.00
		2	760.00	824.25	0.00
		3	837.38	817.15	0.00
		4	841.55	902.57	0.00
56	30.00	1	760.00	824.25	0.00
		2	760.00	736.00	0.00
		3	840.31	734.40	0.00
		4	837.38	817.15	0.00
55	30.00	1	760.00	736.00	0.00
		2	760.00	647.75	0.00

		3	843.02	647.82	0.00
		4	840.31	734.40	0.00
54	30.00	1	760.00	647.75	0.00
		2	760.00	559.50	0.00
		3	844.65	559.03	0.00
		4	843.02	647.82	0.00
53	30.00	1	760.00	559.50	0.00
		2	760.00	471.25	0.00
		3	845.53	469.14	0.00
		4	844.65	559.03	0.00
52	30.00	1	760.00	471.25	0.00
		2	760.00	383.00	0.00
		3	846.07	378.11	0.00
		4	845.53	469.14	0.00
51	30.00	1	760.00	383.00	0.00
		2	760.00	287.25	0.00
		3	846.53	284.33	0.00
		4	846.07	378.11	0.00
50	30.00	1	760.00	287.25	0.00
		2	760.00	191.50	0.00
		3	846.98	189.74	0.00
		4	846.53	284.33	0.00
49	30.00	1	760.00	191.50	0.00
		2	760.00	95.75	0.00
		3	847.46	94.87	0.00
		4	846.98	189.74	0.00
48	30.00	1	760.00	95.75	0.00
		2	760.00	0.00	0.00
		3	848.00	0.00	0.00
		4	847.46	94.87	0.00

47	30.00	1	848.00	0.00	0.00
		2	936.00	0.00	0.00
		3	935.13	94.36	0.00
		4	847.46	94.87	0.00
46	30.00	1	936.00	0.00	0.00
		2	1024.00	0.00	0.00
		3	1023.18	94.38	0.00
		4	935.13	94.36	0.00
45	30.00	1	1024.00	0.00	0.00
		2	1112.00	0.00	0.00
		3	1111.38	94.63	0.00
		4	1023.18	94.38	0.00
44	30.00	1	1110.37	283.96	0.00
		2	1109.94	378.47	0.00
		3	1020.84	376.63	0.00
		4	1021.70	282.92	0.00
43	30.00	1	1109.94	378.47	0.00
		2	1109.52	472.93	0.00
		3	1020.08	470.25	0.00
		4	1020.84	376.63	0.00
42	30.00	1	1109.52	472.93	0.00
		2	1108.54	567.60	0.00
		3	1018.23	563.83	0.00
		4	1020.08	470.25	0.00
41	30.00	1	1108.54	567.60	0.00
		2	1106.46	663.32	0.00
		3	1013.63	658.67	0.00
		4	1018.23	563.83	0.00
40	30.00	1	1106.46	663.32	0.00
		2	1103.37	761.54	0.00

		3	1000.83	759.21	0.00
		4	1013.63	658.67	0.00
39	30.00	1	1103.37	761.54	0.00
		2	1105.77	862.47	0.00
		3	1011.89	871.74	0.00
		4	1000.83	759.21	0.00
38	30.00	1	1105.77	862.47	0.00
		2	1107.86	959.59	0.00
		3	1017.10	968.60	0.00
		4	1011.89	871.74	0.00
37	30.00	1	1107.86	959.59	0.00
		2	1109.09	1054.74	0.00
		3	1019.56	1062.37	0.00
		4	1017.10	968.60	0.00
36	30.00	1	1109.09	1054.74	0.00
		2	1109.81	1149.03	0.00
		3	1020.78	1155.17	0.00
		4	1019.56	1062.37	0.00
35	30.00	1	1109.81	1149.03	0.00
		2	1110.35	1243.03	0.00
		3	1021.60	1247.61	0.00
		4	1020.78	1155.17	0.00
34	30.00	1	1110.35	1243.03	0.00
		2	1110.88	1336.97	0.00
		3	1022.37	1340.03	0.00
		4	1021.60	1247.61	0.00
33	30.00	1	1110.88	1336.97	0.00
		2	1111.41	1430.93	0.00
		3	1023.04	1432.35	0.00
		4	1022.37	1340.03	0.00

32	30.00	1	1023.04	1432.35	0.00
		2	935.08	1434.05	0.00
		3	934.43	1343.37	0.00
		4	1022.37	1340.03	0.00
31	30.00	1	935.08	1434.05	0.00
		2	847.43	1435.88	0.00
		3	846.90	1346.85	0.00
		4	934.43	1343.37	0.00
30	30.00	1	846.90	1346.85	0.00
		2	846.52	1257.95	0.00
		3	933.83	1252.72	0.00
		4	934.43	1343.37	0.00
29	30.00	1	846.52	1257.95	0.00
		2	846.19	1169.03	0.00
		3	933.16	1162.04	0.00
		4	933.83	1252.72	0.00
28	30.00	1	846.19	1169.03	0.00
		2	845.62	1079.97	0.00
		3	931.98	1071.22	0.00
		4	933.16	1162.04	0.00
27	30.00	1	845.62	1079.97	0.00
		2	844.32	990.78	0.00
		3	929.33	980.55	0.00
		4	931.98	1071.22	0.00
26	30.00	1	844.32	990.78	0.00
		2	841.55	902.57	0.00
		3	923.23	891.81	0.00
		4	929.33	980.55	0.00
25	30.00	1	841.55	902.57	0.00
		2	837.38	817.15	0.00

		3	908.82	810.88	0.00
		4	923.23	891.81	0.00
24	30.00	1	837.38	817.15	0.00
		2	840.31	734.40	0.00
		3	921.13	738.43	0.00
		4	908.82	810.88	0.00
23	30.00	1	840.31	734.40	0.00
		2	843.02	647.82	0.00
		3	927.22	651.25	0.00
		4	921.13	738.43	0.00
22	30.00	1	843.02	647.82	0.00
		2	844.65	559.03	0.00
		3	930.53	560.66	0.00
		4	927.22	651.25	0.00
21	30.00	1	844.65	559.03	0.00
		2	845.53	469.14	0.00
		3	932.21	469.05	0.00
		4	930.53	560.66	0.00
20	30.00	1	845.53	469.14	0.00
		2	846.07	378.11	0.00
		3	933.14	376.63	0.00
		4	932.21	469.05	0.00
19	30.00	1	846.07	378.11	0.00
		2	846.53	284.33	0.00
		3	933.89	283.12	0.00
		4	933.14	376.63	0.00
18	30.00	1	846.53	284.33	0.00
		2	846.98	189.74	0.00
		3	934.55	188.94	0.00
		4	933.89	283.12	0.00

17	30.00	1	846.98	189.74	0.00
		2	847.46	94.87	0.00
		3	935.13	94.36	0.00
		4	934.55	188.94	0.00
16	30.00	1	935.13	94.36	0.00
		2	1023.18	94.38	0.00
		3	1022.59	188.92	0.00
		4	934.55	188.94	0.00
15	30.00	1	1023.18	94.38	0.00
		2	1111.38	94.63	0.00
		3	1110.89	189.37	0.00
		4	1022.59	188.92	0.00
14	30.00	1	1110.89	189.37	0.00
		2	1110.37	283.96	0.00
		3	1021.70	282.92	0.00
		4	1022.59	188.92	0.00
13	30.00	1	1020.84	376.63	0.00
		2	1020.08	470.25	0.00
		3	932.21	469.05	0.00
		4	933.14	376.63	0.00
12	30.00	1	1013.63	658.67	0.00
		2	1000.83	759.21	0.00
		3	921.13	738.43	0.00
		4	927.22	651.25	0.00
11	30.00	1	1000.83	759.21	0.00
		2	1011.89	871.74	0.00
		3	923.23	891.81	0.00
		4	908.82	810.88	0.00
10	30.00	1	1011.89	871.74	0.00
		2	1017.10	968.60	0.00

		3	929.33	980.55	0.00
		4	923.23	891.81	0.00
9	30.00	1	1017.10	968.60	0.00
		2	1019.56	1062.37	0.00
		3	931.98	1071.22	0.00
		4	929.33	980.55	0.00
8	30.00	1	1019.56	1062.37	0.00
		2	1020.78	1155.17	0.00
		3	933.16	1162.04	0.00
		4	931.98	1071.22	0.00
7	30.00	1	1020.78	1155.17	0.00
		2	1021.60	1247.61	0.00
		3	933.83	1252.72	0.00
		4	933.16	1162.04	0.00
6	30.00	1	1021.60	1247.61	0.00
		2	1022.37	1340.03	0.00
		3	934.43	1343.37	0.00
		4	933.83	1252.72	0.00
5	30.00	1	927.22	651.25	0.00
		2	930.53	560.66	0.00
		3	1018.23	563.83	0.00
		4	1013.63	658.67	0.00
4	30.00	1	930.53	560.66	0.00
		2	932.21	469.05	0.00
		3	1020.08	470.25	0.00
		4	1018.23	563.83	0.00
3	30.00	1	933.14	376.63	0.00
		2	933.89	283.12	0.00
		3	1021.70	282.92	0.00
		4	1020.84	376.63	0.00

2	30.00	1	933.89	283.12	0.00
		2	934.55	188.94	0.00
		3	1022.59	188.92	0.00
		4	1021.70	282.92	0.00
1	30.00	1	921.13	738.43	0.00
		2	1000.83	759.21	0.00
		3	908.82	810.88	0.00

2.10 Sollecitazioni ai vertici degli elementi

2.10.1 Condizione "(1) Dinamica SLOh Y"

Elemento	Nx (kg)	Ny (kg)	Nxy (kg)	Mx (kgxcm)	My (kgxcm)	Mxy (kgxcm)
340	1.2735e-04	-7.4760e-05	4.5624e-04	-6.8258e-02	3.0842e-02	1.4275e-01
	8.5163e-05	2.3165e-03	2.8789e-04	1.3033e-01	2.8364e-01	9.8544e-02
	-2.3101e-04	2.2617e-03	6.7290e-04	-1.6491e-02	-2.6675e-01	1.2798e-01
	-2.7012e-04	-1.7080e-04	1.0623e-03	-9.4042e-02	-7.0465e-02	1.9544e-01
339	4.7141e-03	-3.1335e-04	-2.9593e-04	-2.6130e-02	-6.2602e-02	1.3136e-01
	4.7141e-03	-2.4231e-04	5.1688e-04	-1.2287e-01	-2.6575e-02	1.1634e-01
	0.0000e+00	-3.0707e-04	-4.9604e-04	-3.9701e-02	-1.1145e-01	1.0132e-01
	0.0000e+00	-3.0815e-04	-7.3246e-04	7.6542e-03	-1.2834e-01	-1.2264e-01
338	4.4123e-03	-3.1565e-04	2.7850e-04	-5.5050e-02	-5.3786e-02	1.1459e-01
	4.4123e-03	-2.1653e-04	4.8780e-04	1.0905e-01	2.7467e-02	1.3608e-01
	0.0000e+00	3.9048e-04	-3.2837e-04	3.6935e-02	6.1541e-02	1.5586e-01
	0.0000e+00	-1.4259e-04	3.2472e-04	-6.5181e-03	-1.3359e-01	1.3073e-01
337	3.5848e-03	-2.5657e-04	2.3108e-04	2.3873e-02	6.2424e-02	1.5371e-01
	3.5848e-03	-2.6270e-04	-5.8259e-04	7.5888e-02	4.7130e-02	1.7555e-01
	0.0000e+00	4.6930e-04	-5.5531e-04	3.0344e-02	5.4767e-02	1.9008e-01
	0.0000e+00	3.2735e-04	-1.7460e-04	-6.1897e-03	8.2676e-02	1.7473e-01
336	3.6681e-03	-2.6962e-04	3.2138e-04	-1.3881e-02	2.5926e-02	1.8153e-01
	3.6681e-03	-4.5861e-04	5.2704e-04	-7.7652e-02	-4.2513e-02	1.8603e-01
	-3.1251e-18	-7.1680e-04	-9.5479e-04	-3.7276e-02	-8.3125e-02	-2.0499e-01
	-3.2571e-18	4.7449e-04	-6.9481e-04	4.2627e-03	4.8554e-02	-2.0945e-01

335	3.5988e-03	-3.9788e-04	4.7972e-04	-3.9139e-02	-7.5267e-02	1.6144e-01
	3.5988e-03	-2.7267e-04	8.3319e-04	5.7532e-02	6.9418e-02	1.6188e-01
	-2.1245e-18	6.3540e-04	-8.3586e-04	-2.8786e-02	-6.8305e-02	1.8707e-01
	-2.0342e-18	4.6385e-04	-7.0740e-04	3.1019e-03	-4.3011e-02	1.8468e-01
334	3.3057e-03	-1.6394e-04	5.9120e-04	6.4956e-02	5.8314e-02	1.2611e-01
	3.3057e-03	3.1371e-04	-4.7952e-04	5.3278e-02	1.3274e-01	1.2768e-01
	0.0000e+00	3.1493e-04	5.6524e-04	-5.7596e-03	1.0316e-01	1.2250e-01
	0.0000e+00	-2.4506e-04	8.6993e-04	4.2375e-02	8.3003e-02	1.2768e-01
333	2.5049e-03	1.9079e-04	-3.8889e-04	1.8163e-01	8.4897e-02	-1.9252e-01
	2.5049e-03	-2.5771e-04	-9.3426e-05	-1.0524e-02	6.5389e-02	-2.0238e-01
	-1.2149e-18	7.4152e-04	-1.0570e-03	-5.6124e-03	-4.6268e-02	-2.6481e-01
	-1.2174e-18	8.9511e-04	-1.0002e-03	7.1364e-02	1.3567e-01	-2.3031e-01
332	2.3203e-03	-2.7265e-04	-9.8913e-04	-9.8997e-02	-3.1634e-02	-2.3950e-01
	2.3203e-03	-4.0049e-04	7.2758e-05	-7.5547e-02	-9.1326e-02	-1.7822e-01
	1.2220e-18	-2.2108e-04	3.9321e-04	4.0622e-03	-1.9660e-01	-2.4964e-01
	1.1034e-18	-8.3367e-04	1.1363e-03	-2.8805e-02	-5.2209e-02	-2.9440e-01
331	-4.1127e-03	-4.6394e-04	4.2595e-04	-2.1469e-01	-4.9830e-02	1.2412e-01
	-4.1127e-03	3.0598e-04	1.2082e-04	6.9327e-02	6.9104e-02	-6.5291e-02
	0.0000e+00	-2.3841e-04	3.9872e-04	1.5556e-02	1.6995e-01	9.9233e-02
	0.0000e+00	-4.0889e-04	4.6223e-04	-7.4812e-02	-1.5721e-01	1.4299e-01
330	-3.7081e-03	2.4016e-04	2.8617e-04	1.4771e-01	1.4729e-02	-8.5257e-02
	-3.7081e-03	1.9452e-04	-2.1763e-04	8.3326e-02	4.2816e-02	-1.3259e-01
	0.0000e+00	2.1141e-04	6.5757e-04	1.4632e-02	1.6216e-01	-1.4107e-01
	0.0000e+00	4.2315e-04	6.8332e-04	4.4813e-02	1.2421e-01	9.6098e-02
329	-3.1100e-03	1.9330e-04	-3.4009e-04	1.6305e-01	1.4885e-02	-1.6082e-01
	-3.1100e-03	-2.9378e-04	-4.4659e-04	-1.2132e-01	2.0557e-02	-1.8146e-01
	0.0000e+00	-3.1462e-04	-8.6646e-04	-3.0099e-02	-1.1358e-01	-2.2399e-01
	0.0000e+00	2.6549e-04	-7.2055e-04	4.2698e-02	1.4171e-01	-1.9866e-01
328	-2.8859e-03	-2.9370e-04	-3.7841e-04	1.1607e-01	-2.6434e-02	-1.7420e-01
	-2.8859e-03	-2.4849e-04	3.8202e-04	-1.6350e-01	-1.6939e-02	-1.2189e-01

	0.0000e+00	-2.6796e-04	6.4580e-04	-3.6285e-02	-1.6555e-01	-1.5876e-01
	0.0000e+00	-2.8527e-04	-8.4196e-04	2.4868e-02	-1.1243e-01	-2.0932e-01
327	-2.6800e-03	-2.5000e-04	2.8620e-04	-1.0605e-01	-2.5357e-02	-9.1478e-02
	-2.6800e-03	1.8704e-04	1.1603e-04	8.5944e-02	1.3725e-02	-6.4288e-02
	0.0000e+00	1.9870e-04	4.0832e-04	1.8946e-02	1.4006e-01	5.9274e-02
	0.0000e+00	-2.4796e-04	6.5283e-04	-2.0723e-02	-1.7673e-01	-7.3649e-02
326	-2.3181e-03	1.8817e-04	4.0110e-05	1.2110e-01	1.8589e-02	-8.7258e-02
	-2.3181e-03	1.2648e-04	-2.5177e-04	7.1030e-02	1.3782e-02	-1.2334e-01
	0.0000e+00	1.2928e-04	-3.6607e-04	-1.3232e-02	5.0268e-02	-1.4538e-01
	0.0000e+00	1.8901e-04	2.8504e-04	2.0388e-02	1.3651e-01	-1.0815e-01
325	-1.2005e-03	1.2800e-04	-1.8885e-04	1.5729e-01	2.0462e-02	-1.2104e-01
	-1.2005e-03	-4.3908e-05	1.8343e-04	-2.5447e-01	-8.9283e-02	-5.3154e-02
	0.0000e+00	-4.3908e-05	-1.6260e-04	-4.0412e-02	2.4787e-02	-8.2525e-02
	0.0000e+00	1.2517e-04	-4.7488e-04	1.6665e-02	3.7764e-02	-1.5125e-01
324	0.0000e+00	-3.1151e-04	9.5382e-04	-4.1425e-03	9.5081e-02	1.9039e-01
	0.0000e+00	5.1184e-04	-8.7988e-04	3.0738e-03	-5.1207e-02	1.9014e-01
	1.9083e-03	1.0883e-04	1.5361e-04	8.1918e-03	2.8915e-02	1.4523e-01
323	1.0824e-04	9.3579e-04	-2.0298e-04	1.2829e-01	1.9519e-01	-6.9231e-02
	-3.2036e-05	3.1474e-05	7.3125e-05	1.3117e-02	1.2941e-02	6.1962e-02
	-5.3592e-05	-1.5243e-04	-3.5666e-04	8.6289e-02	6.3096e-02	-1.6300e-01
	-1.4382e-04	8.8902e-04	-3.0203e-04	5.6390e-02	1.4343e-01	-1.2587e-01
322	0.0000e+00	-7.7865e-05	2.4642e-04	-5.9319e-03	7.7551e-02	2.0000e-01
	0.0000e+00	3.3938e-04	-7.3188e-04	-1.6307e-02	-4.7811e-02	2.1388e-01
	1.5574e-03	1.6389e-04	-2.6796e-04	-5.2309e-02	-4.0767e-02	1.9183e-01
	1.5574e-03	-1.5083e-04	1.7440e-04	2.2263e-02	2.7449e-02	1.6406e-01
321	2.1382e-18	2.6087e-04	-6.4403e-04	7.4852e-03	-2.8688e-02	2.0122e-01
	2.1900e-18	5.1127e-04	-8.1528e-04	-5.7963e-02	-1.9667e-01	1.8663e-01
	-2.4148e-03	3.2179e-04	6.2459e-04	4.9133e-02	-8.0431e-02	1.5326e-01
	-2.4148e-03	-2.5994e-04	3.5332e-04	-6.9594e-02	-5.7319e-02	1.6161e-01
320	0.0000e+00	-2.3641e-04	3.9455e-04	2.1245e-02	7.1394e-02	1.5807e-01

	0.0000e+00	-6.8218e-05	-4.8490e-04	6.2890e-03	7.6153e-02	1.7489e-01
	2.6128e-03	-6.8218e-05	-1.3986e-04	3.9443e-02	2.8198e-02	1.7041e-01
	2.6128e-03	8.1588e-05	4.2066e-04	4.8691e-02	-3.7121e-02	1.5835e-01
319	0.0000e+00	-6.8218e-05	-4.3257e-04	1.8429e-02	7.3429e-02	1.9902e-01
	0.0000e+00	3.7933e-04	-7.6447e-04	-4.9505e-02	-9.5930e-02	1.8778e-01
	-3.7032e-03	2.8491e-04	-2.2591e-04	-1.3522e-01	-2.6905e-02	1.7231e-01
	-3.7032e-03	-6.8218e-05	-2.9363e-04	5.4881e-02	-1.9372e-02	1.7064e-01
318	0.0000e+00	1.7343e-04	-5.0188e-04	2.6173e-02	-1.3419e-01	-1.8656e-01
	0.0000e+00	-5.6056e-04	6.1959e-04	-1.2647e-01	-2.6887e-01	-1.4185e-01
	4.0700e-03	-8.1827e-04	1.2402e-03	-2.3209e-01	-1.2546e-01	-1.0630e-01
	4.0700e-03	3.4744e-04	1.1282e-04	-7.4638e-02	-1.3964e-01	9.9277e-02
317	0.0000e+00	-6.0550e-04	9.8586e-04	5.8424e-03	-1.7934e-01	-2.8063e-01
	0.0000e+00	-2.1987e-03	2.3294e-03	1.0212e-02	1.2662e-01	-3.3900e-01
	3.0401e-03	-7.9367e-04	-1.0083e-03	1.5723e-01	1.7347e-01	-1.9084e-01
	3.0401e-03	-5.2270e-04	-5.1655e-04	-9.1103e-02	-2.2128e-01	-1.5180e-01
316	0.0000e+00	-3.9516e-04	-6.1718e-04	-1.2465e-01	-3.2732e-01	-1.6924e-01
	0.0000e+00	3.0483e-04	-2.2156e-04	7.6409e-02	-1.1815e-01	-8.2595e-02
	3.6834e-03	3.0483e-04	-1.0859e-03	3.4859e-01	1.1482e-01	-5.0861e-02
	3.6834e-03	-1.1048e-03	-7.7962e-04	-4.3435e-01	-4.5827e-02	-1.2754e-01
315	0.0000e+00	1.9258e-04	-8.1864e-04	5.3914e-03	-5.3019e-02	-1.5457e-01
	0.0000e+00	1.2065e-04	5.3526e-04	5.6927e-03	9.5012e-02	-1.4716e-01
	-1.6274e-03	6.7593e-05	3.1490e-04	2.1958e-02	-3.5910e-02	1.5763e-01
314	1.0869e-18	-1.7057e-03	2.1177e-03	-1.4565e-02	-4.3593e-02	-3.2408e-01
	1.3191e-18	-1.7376e-04	-7.0731e-04	1.5598e-02	2.9737e-01	-2.6603e-01
	3.0821e-03	-5.5693e-04	-3.3041e-04	6.0266e-02	-9.1596e-02	-9.6847e-02
313	-9.8342e-05	-1.0779e-03	4.6503e-04	1.1104e-01	2.9865e-01	5.9963e-02
	9.7911e-05	4.0381e-05	8.6028e-05	-7.6326e-02	3.2868e-02	1.2297e-01
	-6.4511e-04	2.8705e-04	6.3543e-04	2.4135e-01	-1.6369e-01	-1.4245e-01
	6.9793e-04	-1.0503e-03	9.4375e-04	-1.0961e-01	-4.2351e-01	1.1780e-01
312	0.0000e+00	1.3133e-04	-1.0547e-03	-1.0402e-02	2.2744e-01	-2.3298e-01

	0.0000e+00	-1.4781e-03	-2.8669e-03	1.7208e-02	4.8710e-02	2.9144e-01
	-4.9538e-03	1.0574e-03	9.7117e-04	6.1263e-02	2.5325e-02	2.0779e-01
	-4.9538e-03	4.5239e-04	-3.9299e-04	7.2996e-02	1.7325e-01	1.5252e-01
311	2.3574e-18	-1.0122e-03	-2.5540e-03	1.2995e-02	2.9058e-02	2.9439e-01
	2.5149e-18	-1.2340e-03	2.5167e-03	-1.1269e-01	-4.4278e-01	2.9135e-01
	-7.9149e-03	-5.3848e-04	2.4462e-03	-1.6427e-01	-2.5118e-01	-1.5752e-01
	-7.9149e-03	8.0508e-04	-9.5456e-04	-1.0663e-01	6.5089e-02	-1.5442e-01
310	0.0000e+00	-1.2053e-03	2.0187e-03	-9.3032e-02	-2.1953e-01	-2.7163e-01
	0.0000e+00	7.8585e-05	-2.0015e-03	3.2350e-02	5.9911e-02	-3.1453e-01
	-6.1176e-03	7.8585e-05	-8.4476e-04	9.3212e-02	8.1539e-02	-2.4679e-01
	-6.1176e-03	-4.2742e-04	-3.1334e-04	-2.6138e-01	-7.7395e-02	-2.2769e-01
309	0.0000e+00	7.8585e-05	-2.0854e-03	4.3418e-02	6.9956e-02	-3.1943e-01
	0.0000e+00	1.4637e-03	1.3449e-03	-1.3651e-01	-2.9012e-01	-2.2038e-01
	-3.2679e-03	6.2517e-04	5.2205e-04	-3.8792e-01	7.6009e-02	-1.9074e-01
	-3.2679e-03	7.8585e-05	-8.9228e-04	1.0838e-01	7.8346e-02	-2.3669e-01
308	0.0000e+00	-5.6731e-04	3.6991e-04	1.6489e-02	-3.1312e-01	-2.2773e-01
	0.0000e+00	-4.8098e-04	-1.1422e-03	-7.5989e-02	-1.4977e-01	-2.7069e-01
	-5.1535e-03	7.1518e-04	-7.1611e-04	-1.8390e-01	-7.2812e-02	-1.8445e-01
	-5.1535e-03	8.8244e-04	3.8574e-04	-9.5234e-02	-1.3154e-01	-1.6006e-01
307	0.0000e+00	3.5505e-04	-1.2271e-03	-1.3177e-02	-8.3854e-02	-2.2686e-01
	0.0000e+00	7.6241e-04	-1.0899e-03	2.0525e-02	5.1270e-02	-2.3305e-01
	-5.7815e-03	8.6555e-04	1.5274e-03	8.0637e-02	7.0706e-02	-1.8928e-01
	-5.7815e-03	6.0514e-04	2.9523e-04	-2.3716e-02	-8.5277e-02	-1.7909e-01
306	0.0000e+00	1.7612e-04	1.2999e-03	4.2750e-02	9.2986e-02	-1.4997e-01
	0.0000e+00	-2.6267e-04	2.0384e-04	3.9597e-02	2.9782e-02	-4.6494e-02
	-2.4161e-03	-2.6267e-04	6.9242e-04	2.3172e-01	1.2521e-01	-6.9766e-02
	-2.4161e-03	5.8577e-04	1.3244e-03	-1.7641e-01	1.5159e-02	-1.3626e-01
305	0.0000e+00	-7.7952e-04	-1.9556e-03	-7.5982e-03	-1.0235e-01	-2.3883e-01
	0.0000e+00	-6.6961e-04	1.3717e-03	-9.6382e-03	-2.7886e-01	-2.1035e-01
	-4.2579e-03	-4.1880e-04	3.5454e-04	-3.4064e-02	-6.5633e-02	-2.0549e-01

304	-7.6561e-19	4.7573e-04	-1.0914e-03	2.6150e-03	-2.8247e-02	-2.0402e-01
	-6.0485e-19	3.4212e-04	1.5457e-03	3.5034e-03	1.1734e-01	-1.9520e-01
	-3.4883e-03	2.1599e-04	6.2059e-04	1.1946e-02	-3.6191e-02	-1.1581e-01
303	-2.0573e-04	-6.1618e-05	3.8732e-04	-1.0825e-01	-2.5291e-02	-1.2542e-01
	-2.3484e-04	1.9132e-03	2.8879e-04	-9.6945e-02	-2.3916e-01	-1.0049e-01
	-1.4101e-04	1.8425e-03	6.6267e-04	-1.5633e-02	1.9825e-01	-1.4317e-01
	-1.6982e-04	-1.5293e-04	9.4907e-04	3.3524e-02	5.6278e-02	-1.9280e-01
302	4.3175e-03	-2.3378e-04	-3.1879e-04	-3.6568e-02	4.7203e-02	1.4085e-01
	4.3175e-03	-2.9873e-04	3.8170e-04	1.3302e-01	2.6651e-02	1.2017e-01
	0.0000e+00	-2.8850e-04	-3.9190e-04	4.0864e-02	1.0299e-01	1.2261e-01
	0.0000e+00	-2.2296e-04	-6.5625e-04	-9.2723e-03	5.8497e-02	1.5713e-01
301	3.7941e-03	-3.1580e-04	2.1505e-04	4.5612e-02	5.3011e-02	8.1723e-02
	3.7941e-03	2.0571e-04	6.7122e-04	-7.1290e-02	1.4143e-02	-5.7860e-02
	0.0000e+00	4.8252e-04	5.8703e-04	2.3956e-02	3.6099e-02	-6.4220e-02
	0.0000e+00	-6.3964e-05	2.7750e-04	-3.9901e-03	1.1826e-01	-7.5204e-02
300	2.8035e-03	2.6475e-04	1.8894e-04	1.8575e-02	-6.5308e-02	-5.7714e-02
	2.8035e-03	4.4837e-04	4.9101e-04	-1.5997e-01	-8.0476e-02	-8.3620e-02
	0.0000e+00	6.7645e-04	3.1231e-04	-6.3013e-02	-1.0965e-01	-7.0144e-02
	0.0000e+00	3.8967e-04	4.3414e-04	9.9263e-03	6.5858e-02	-5.5370e-02
299	1.8700e-03	3.5918e-04	3.2721e-04	-1.2896e-02	-7.0250e-02	1.4740e-01
	1.8700e-03	-4.2310e-04	-6.4560e-04	3.5059e-02	-1.1682e-02	1.6868e-01
	-2.1475e-18	-1.0332e-03	-1.2011e-03	1.7949e-02	5.1267e-02	2.0991e-01
	-2.4132e-18	3.6775e-04	-3.2692e-04	-2.2783e-03	-9.0862e-02	1.9955e-01
298	3.2388e-03	-2.6835e-04	4.9630e-04	7.7292e-02	9.0379e-02	1.1662e-01
	3.2388e-03	-1.9306e-04	9.0604e-04	8.4880e-02	8.6424e-02	-9.2870e-02
	-1.7138e-18	-6.3550e-04	-1.1217e-03	7.0818e-02	1.7086e-01	1.4021e-01
	-1.6741e-18	-6.9620e-04	-1.0292e-03	-7.3219e-03	2.9273e-02	1.7963e-01
297	-4.2432e-03	-2.1784e-04	1.2035e-03	5.9765e-02	7.1610e-02	-6.7751e-02
	-4.2432e-03	5.6576e-04	-4.7911e-04	-6.6161e-02	-1.6608e-01	-9.4845e-02
	0.0000e+00	4.1328e-04	-6.8720e-04	5.0122e-03	-1.2526e-01	-9.8323e-02

	0.0000e+00	-7.5698e-04	9.0483e-04	-3.7582e-02	-7.2660e-02	-9.4599e-02
296	-4.6478e-03	4.9480e-04	8.1608e-04	-2.2556e-01	-1.0221e-01	2.0514e-01
	-4.6478e-03	-4.0547e-04	-1.7671e-04	1.3123e-02	-7.1112e-02	2.1733e-01
	-1.1160e-18	8.6539e-04	-1.5280e-03	7.9281e-03	6.1040e-02	3.1001e-01
	-1.1292e-18	1.2599e-03	-1.4019e-03	-9.0918e-02	-1.7767e-01	2.6533e-01
295	2.7608e-03	4.2826e-04	-1.2358e-03	1.0060e-01	4.3106e-02	2.5881e-01
	2.7608e-03	-4.3920e-04	9.5484e-05	7.6435e-02	1.0477e-01	1.8736e-01
	-1.3314e-18	-3.7788e-04	7.1875e-04	-5.5664e-03	2.1194e-01	2.5821e-01
	-1.1463e-18	-1.0159e-03	-1.6356e-03	3.1897e-02	5.8440e-02	3.1241e-01
294	4.5598e-03	-5.2033e-04	6.9469e-04	2.3780e-01	5.1424e-02	-1.1993e-01
	4.5598e-03	3.3300e-04	2.2294e-04	-9.1663e-02	7.1281e-02	-5.7170e-02
	0.0000e+00	-1.7177e-04	6.0682e-04	-1.7223e-02	-2.0331e-01	-8.7357e-02
	0.0000e+00	-6.4919e-04	7.6230e-04	8.1251e-02	1.6539e-01	-1.4178e-01
293	-4.7948e-03	2.8257e-04	5.2582e-04	1.4680e-01	-1.9053e-02	-9.0294e-02
	-4.7948e-03	4.3473e-04	2.2669e-04	-7.2726e-02	-6.0324e-02	1.7241e-01
	0.0000e+00	4.5309e-04	6.5178e-04	-1.0760e-02	-1.9993e-01	1.7162e-01
	0.0000e+00	-3.8612e-04	6.4316e-04	-4.6192e-02	-1.5556e-01	-8.5854e-02
292	-2.5515e-03	4.3918e-04	4.0303e-04	-2.2382e-01	-1.0897e-02	2.1202e-01
	-2.5515e-03	-3.1923e-04	-6.2969e-04	1.8150e-01	-1.1755e-02	2.3128e-01
	0.0000e+00	-3.5567e-04	-1.2837e-03	4.5212e-02	1.1208e-01	2.9633e-01
	0.0000e+00	5.7478e-04	-1.1168e-03	-5.8882e-02	-1.6452e-01	2.7179e-01
291	-3.7432e-03	-3.1404e-04	-4.7557e-04	-6.7522e-02	3.5644e-02	2.1784e-01
	-3.7432e-03	-3.6873e-04	4.5438e-04	1.4069e-01	1.9016e-02	1.4767e-01
	0.0000e+00	-3.9467e-04	-6.8348e-04	2.9459e-02	1.9790e-01	1.7367e-01
	0.0000e+00	-3.2726e-04	-1.0540e-03	-1.4285e-02	1.3805e-01	2.4235e-01
290	-4.4756e-03	-3.7166e-04	3.8223e-04	1.3411e-01	2.0394e-02	1.1521e-01
	-4.4756e-03	2.6266e-04	2.1288e-04	-8.7010e-02	-1.6902e-02	8.8840e-02
	0.0000e+00	2.7175e-04	4.3114e-04	-2.0013e-02	-1.3528e-01	1.0334e-01
	0.0000e+00	-3.6474e-04	6.9113e-04	2.5952e-02	1.9847e-01	1.0950e-01
289	-3.7594e-03	2.6125e-04	1.7461e-04	-1.1773e-01	-1.7214e-02	1.1105e-01

	-3.7594e-03	1.3443e-04	-4.4284e-04	-8.7899e-02	-2.2884e-02	1.4960e-01
	0.0000e+00	1.3627e-04	-6.1225e-04	-2.2497e-02	-1.5350e-01	1.4206e-01
	0.0000e+00	2.5882e-04	3.8417e-04	-2.4656e-02	-1.3073e-01	1.0017e-01
288	-1.6512e-03	1.3485e-04	-4.1523e-04	-2.4361e-01	-5.6752e-02	1.4732e-01
	-1.6512e-03	3.0483e-04	2.0303e-04	3.2148e-01	2.1357e-01	1.0045e-01
	0.0000e+00	3.0483e-04	-2.8908e-04	4.9253e-02	-3.3775e-01	1.3727e-01
	0.0000e+00	1.3252e-04	-7.3742e-04	-2.2331e-02	-1.6685e-01	1.8638e-01
287	0.0000e+00	-8.2155e-04	9.7084e-04	5.3345e-03	-9.7871e-02	-1.2445e-01
	0.0000e+00	5.6933e-04	1.2303e-03	-3.9145e-03	1.0300e-01	-1.2140e-01
	1.9650e-03	-1.9505e-04	2.9094e-04	6.7290e-03	4.9026e-02	-5.4331e-02
262	0.0000e+00	0.0000e+00	0.0000e+00	6.5911e-02	-2.0415e-01	1.8774e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1337e-01	1.7379e-01	2.2054e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2975e-01	4.2797e-01	3.0473e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.7061e-01	1.8625e-01	2.1264e-01
261	0.0000e+00	0.0000e+00	0.0000e+00	-1.9248e-01	3.5924e-01	1.9973e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6172e-01	5.9491e-01	-1.1660e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.8356e-01	-4.5910e-01	-1.7025e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.3881e-01	-3.8707e-01	2.7902e-01
260	0.0000e+00	0.0000e+00	0.0000e+00	-2.4298e-01	-5.6639e-01	-8.6589e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0575e-01	-5.4912e-01	-1.8742e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2019e-01	-4.7690e-01	-2.5855e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7525e-01	5.1161e-01	-1.8825e-01
259	0.0000e+00	0.0000e+00	0.0000e+00	3.5728e-01	-5.4530e-01	-1.7341e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.2236e-01	-2.9834e-01	4.2540e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.7520e-01	-6.6144e-01	4.7031e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.1419e-01	-6.3559e-01	2.5906e-01
258	0.0000e+00	0.0000e+00	0.0000e+00	-6.4867e-01	1.1871e+00	-7.0432e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.6282e+00	2.8396e+00	-1.0346e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.7544e-01	-6.0017e-01	8.2437e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0030e+00	7.7020e-01	-1.8407e-01

257	0.0000e+00	0.0000e+00	0.0000e+00	3.0310e+00	2.5307e+00	4.7552e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.7449e-01	1.0567e+00	5.5258e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.7242e-01	1.3173e+00	-1.7715e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.0728e-01	-4.5063e-01	-9.0617e-01
256	0.0000e+00	0.0000e+00	0.0000e+00	-7.1615e-01	8.2681e-01	-3.3399e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.1855e-01	7.8631e-01	-3.0976e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.6645e-01	1.3178e+00	-1.1793e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.6562e-01	1.2564e+00	-1.7771e-01
255	0.0000e+00	0.0000e+00	0.0000e+00	-1.0475e+00	1.0707e+00	-6.2202e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3528e+00	3.3928e+00	-4.8986e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.4912e-01	-3.1663e-01	2.8205e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.2717e-01	1.3797e+00	-1.3856e-01
254	0.0000e+00	0.0000e+00	0.0000e+00	1.4928e+00	3.4335e+00	6.6688e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.6891e-01	1.0805e+00	7.3160e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.1128e-01	1.2667e+00	-1.4853e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.5304e-01	-3.8923e-01	1.9966e-01
253	0.0000e+00	0.0000e+00	0.0000e+00	-2.3159e-01	7.3831e-01	3.7284e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.8622e-01	6.5268e-01	3.8706e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.9168e-01	9.7511e-01	-1.1483e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.6676e-01	1.1705e+00	-1.2165e-01
252	0.0000e+00	0.0000e+00	0.0000e+00	-7.1361e-01	7.8405e-01	-5.4341e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.6913e+00	1.9428e+00	-5.1168e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.6391e-01	-4.0671e-01	7.8872e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.2828e-01	9.7637e-01	1.3389e-01
251	0.0000e+00	0.0000e+00	0.0000e+00	2.5917e+00	2.0576e+00	8.4393e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.2531e-01	7.9960e-01	7.0905e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.9925e-01	6.8629e-01	1.6028e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.6733e-01	-4.8695e-01	7.5513e-01
250	0.0000e+00	0.0000e+00	0.0000e+00	-3.4213e-01	4.8624e-01	3.8110e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5658e-01	2.0784e-01	3.1980e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-2.4051e-01	2.4140e-01	1.2108e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.1148e-01	5.3058e-01	1.8605e-01
249	0.0000e+00	0.0000e+00	0.0000e+00	-1.3373e-01	-1.8816e-01	1.0272e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8694e-01	-1.5375e-01	7.1779e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0515e-01	9.3308e-02	1.3582e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3334e-01	-2.0868e-01	8.8809e-02
248	0.0000e+00	0.0000e+00	0.0000e+00	-1.5252e-01	1.2894e-01	1.1798e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1743e-01	6.9242e-02	-1.7489e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.3329e-02	3.0530e-02	-2.1871e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8874e-01	-7.2428e-02	1.5732e-01
247	0.0000e+00	0.0000e+00	0.0000e+00	-8.3946e-02	-3.2407e-02	-1.8214e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.7385e-02	-2.3805e-02	-1.2707e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0095e-01	5.0871e-02	-1.5577e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2599e-02	6.5073e-02	-2.1326e-01
246	0.0000e+00	0.0000e+00	0.0000e+00	8.1972e-02	1.2527e-01	1.7684e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.8859e-02	-1.8968e-01	3.0188e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.5673e-01	7.1066e-01	4.2987e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0963e-01	1.4757e-01	3.0369e-01
245	0.0000e+00	0.0000e+00	0.0000e+00	3.8538e-01	-5.5142e-01	-1.7286e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.3731e-02	-1.2096e-01	-3.4910e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.6065e-01	-1.8949e-01	-1.5265e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4613e-01	-2.2331e-01	2.0008e-01
244	0.0000e+00	0.0000e+00	0.0000e+00	-1.6291e-01	1.7501e-01	-1.4656e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4908e-01	1.2845e-01	1.5836e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4095e-01	-1.2980e-01	1.5786e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8322e-01	-1.9060e-01	-1.4839e-01
243	0.0000e+00	0.0000e+00	0.0000e+00	1.1034e-01	1.2075e-01	1.5792e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6133e-01	-2.6686e-01	2.3235e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.7245e-01	6.4700e-01	3.2808e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4966e-01	-1.2283e-01	2.0470e-01

242	0.0000e+00	0.0000e+00	0.0000e+00	3.7329e-01	-5.2127e-01	-1.9069e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.7871e-02	-1.4124e-01	-2.8503e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1441e-01	-2.6244e-01	-2.3323e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4166e-01	-2.2193e-01	3.1071e-01
241	0.0000e+00	0.0000e+00	0.0000e+00	-2.8146e-01	1.4973e-01	-2.1277e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6218e-01	3.6529e-01	2.3327e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.5752e-01	-5.6161e-01	2.5580e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5030e-01	-3.3908e-01	2.3224e-01
240	0.0000e+00	0.0000e+00	0.0000e+00	-6.1063e-01	6.3059e-01	-1.5504e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1534e-01	-3.4514e-01	-8.7953e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.9502e+00	1.4498e+00	5.4122e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.5265e-01	-7.2829e-01	5.5362e-01
239	0.0000e+00	0.0000e+00	0.0000e+00	1.9617e+00	2.3812e+00	1.0167e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.5916e-01	4.6541e-01	-7.3794e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.1655e-01	5.3812e-01	2.0098e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.6730e-01	-2.6333e-01	6.6530e-01
238	0.0000e+00	0.0000e+00	0.0000e+00	-8.5181e-01	-7.9305e-01	-1.9232e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1767e-01	-4.0609e-01	-1.5446e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4359e-01	-3.0067e-01	1.7802e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7314e-01	1.5632e-01	-1.7715e-01
237	0.0000e+00	0.0000e+00	0.0000e+00	1.9247e-01	-7.4352e-02	3.5992e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1953e-01	-6.6934e-01	2.2144e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8839e-01	-1.4556e-01	-1.9114e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.4444e-02	-3.5943e-01	2.0768e-01
236	0.0000e+00	0.0000e+00	0.0000e+00	2.2283e-01	-2.2344e-01	2.5585e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.3290e-01	-7.4213e-01	1.6600e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.5630e-01	-3.0280e-01	-2.1085e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.6646e-01	-4.8830e-01	1.3058e-01
235	0.0000e+00	0.0000e+00	0.0000e+00	-8.2765e-01	-8.5441e-01	-2.7283e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6983e-01	-5.4251e-01	-1.8527e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-3.5234e-01	-4.2353e-01	1.0216e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1358e-01	-2.9210e-01	-1.5064e-01
234	0.0000e+00	0.0000e+00	0.0000e+00	3.6961e-01	-9.7053e-01	3.5685e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5422e+00	-2.0801e+00	5.1889e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.8051e-01	5.1705e-01	-4.7370e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.6335e-01	-5.8202e-01	1.2355e-01
233	0.0000e+00	0.0000e+00	0.0000e+00	-1.8515e+00	-1.8387e+00	-4.3186e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.6276e-01	-4.7208e-01	-7.6786e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.8588e-01	-8.0995e-01	2.3024e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1952e-01	3.1663e-01	5.5463e-01
232	0.0000e+00	0.0000e+00	0.0000e+00	3.8995e-01	5.4106e-01	-2.6484e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.5599e-01	6.8638e-01	-2.4020e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.9245e-01	-3.5144e-01	-1.3864e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.6467e-01	-3.7089e-01	1.6768e-01
231	0.0000e+00	0.0000e+00	0.0000e+00	7.1355e-01	3.5926e-01	1.6366e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.3825e-01	5.0578e-01	2.5192e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.9018e-01	-3.7334e-01	1.7053e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.8191e-01	-3.4366e-01	2.4658e-01
230	0.0000e+00	0.0000e+00	0.0000e+00	-6.1021e-01	6.5811e-01	-1.2935e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.2536e-01	6.2369e-01	1.8562e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.8650e-01	-4.0842e-01	1.4120e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.4612e-01	-3.8679e-01	-1.4784e-01
229	0.0000e+00	0.0000e+00	0.0000e+00	-3.8330e-01	7.0736e-01	1.7842e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.0341e-01	7.2385e-01	1.3385e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.2664e-01	-3.2839e-01	8.8450e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1001e-01	-3.4945e-01	1.2464e-01
228	0.0000e+00	0.0000e+00	0.0000e+00	4.2245e-01	7.1545e-01	1.1126e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.2890e-01	6.2839e-01	-1.2055e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.9679e-01	-3.4558e-01	-1.4763e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.3007e-01	-3.3307e-01	-9.1069e-02

227	0.0000e+00	0.0000e+00	0.0000e+00	-3.5241e-01	5.3152e-01	-1.5372e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.9029e-01	4.9430e-01	8.3349e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8658e-01	-3.2460e-01	1.5354e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.8394e-01	-3.7105e-01	-1.5638e-01
226	0.0000e+00	0.0000e+00	0.0000e+00	-5.4047e-01	5.0318e-01	2.0469e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.0057e-01	4.3653e-01	2.8850e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7221e-01	-2.5104e-01	-2.0538e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4524e-01	-2.8276e-01	1.3968e-01
225	0.0000e+00	0.0000e+00	0.0000e+00	1.9192e-01	4.0694e-01	2.9618e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.4587e-01	2.9051e-01	-1.8837e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0267e-01	-2.2502e-01	-1.3417e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8761e-01	-2.4555e-01	-2.0875e-01
224	0.0000e+00	0.0000e+00	0.0000e+00	-2.1203e-01	-3.1384e-01	1.5556e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6322e-01	-2.1595e-01	1.4993e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1607e-01	-4.4401e-01	1.3998e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7667e-01	-3.3118e-01	1.5595e-01
223	0.0000e+00	0.0000e+00	0.0000e+00	1.7148e-01	-4.9969e-01	1.9208e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.5622e-01	-6.9114e-01	1.4242e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.0392e-01	-5.6506e-01	1.3670e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.7341e-01	-4.8728e-01	9.3853e-02
222	0.0000e+00	0.0000e+00	0.0000e+00	-1.3862e-01	2.6114e-01	3.9771e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9794e-01	4.9006e-01	3.4887e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.2858e-01	7.2696e-01	7.1767e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4380e-01	-5.7299e-01	7.9406e-01
221	0.0000e+00	0.0000e+00	0.0000e+00	-2.8343e-01	7.4606e-01	3.1514e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2403e-01	6.5974e-01	-1.7904e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.5816e-01	-3.7883e-01	-3.6695e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.2025e-01	5.7912e-01	3.1572e-01
220	0.0000e+00	0.0000e+00	0.0000e+00	-3.2676e-01	-5.8581e-01	-1.3916e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6389e-01	-6.7561e-01	-1.7538e-01

	0.0000e+00	0.0000e+00	0.0000e+00	3.6252e-01	-5.6103e-01	-3.7437e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.6908e-01	4.3463e-01	-4.0702e-01
219	0.0000e+00	0.0000e+00	0.0000e+00	3.9186e-01	-8.5478e-01	-1.7231e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8176e-01	-4.4607e-01	5.1897e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.2037e-01	-7.3703e-01	5.7838e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.2646e-01	5.9160e-01	-2.4451e-01
218	0.0000e+00	0.0000e+00	0.0000e+00	-1.4238e+00	8.3882e-01	-8.7859e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1239e+00	3.3960e+00	-6.7863e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.7239e-01	-4.3403e-01	8.5083e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.2106e-01	1.2739e+00	1.8614e-01
217	0.0000e+00	0.0000e+00	0.0000e+00	3.3548e+00	3.7980e+00	9.2451e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.1241e-01	1.4849e+00	6.2639e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0189e+00	1.2103e+00	-1.6507e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.3010e-01	-5.3281e-01	-7.1245e-01
216	0.0000e+00	0.0000e+00	0.0000e+00	-6.7582e-01	1.0160e+00	-3.3634e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.5515e-01	6.7280e-01	-3.5811e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.3893e-01	1.3791e+00	-2.0299e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.3264e-01	1.2106e+00	-1.6950e-01
215	0.0000e+00	0.0000e+00	0.0000e+00	-8.6886e-01	8.6063e-01	-6.1589e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.9340e-01	2.7639e+00	4.6688e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.2528e-01	-3.0331e-01	2.8167e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.3625e-01	1.3377e+00	2.0065e-01
214	0.0000e+00	0.0000e+00	0.0000e+00	1.2504e+00	2.4731e+00	8.8481e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.0246e-01	7.3836e-01	7.1274e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.9461e-01	8.6286e-01	-1.8720e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.8542e-01	-3.0498e-01	2.8759e-01
213	0.0000e+00	0.0000e+00	0.0000e+00	-1.5729e-01	6.5672e-01	-3.4041e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1289e-01	3.9118e-01	-3.3425e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.0973e-01	1.0811e+00	-1.9198e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5216e-01	7.7916e-01	-2.0778e-01

212	0.0000e+00	0.0000e+00	0.0000e+00	-1.0025e+00	5.9671e-01	-7.7361e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4282e+00	2.9788e+00	-7.3159e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.6363e-01	-3.5517e-01	2.1575e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.1286e-01	1.2379e+00	-1.9057e-01
211	0.0000e+00	0.0000e+00	0.0000e+00	1.1112e+00	3.0751e+00	7.4075e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.7188e-01	6.3951e-01	9.0803e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.5980e-01	9.3960e-01	-2.1779e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.6769e-01	-4.0098e-01	2.4705e-01
210	0.0000e+00	0.0000e+00	0.0000e+00	1.1267e-01	2.8196e-01	4.6327e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6534e-01	1.3844e-01	4.0678e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5442e-01	3.7408e-01	-1.6109e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2529e-01	7.6872e-01	-2.2310e-01
209	0.0000e+00	0.0000e+00	0.0000e+00	1.5098e-01	1.9045e-01	1.4747e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5641e-01	1.5343e-01	1.2766e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7711e-01	1.4034e-01	2.1970e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5418e-01	-1.4891e-01	2.1249e-01
208	0.0000e+00	0.0000e+00	0.0000e+00	-2.4145e-01	1.6397e-01	1.3480e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8793e-01	2.4970e-01	-1.9475e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.8237e-01	2.7110e-01	-1.7849e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6057e-01	-9.5839e-02	2.0655e-01
207	0.0000e+00	0.0000e+00	0.0000e+00	-2.3285e-01	1.6077e-01	-2.2568e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0434e-01	1.9148e-01	-3.1201e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5953e-01	-3.1626e-01	-4.4649e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2485e-01	3.5466e-01	-3.3654e-01
206	0.0000e+00	0.0000e+00	0.0000e+00	2.0361e-01	5.4749e-01	9.2638e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7604e+00	-1.9865e+00	9.2440e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.2968e-01	1.4001e+00	8.8787e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.0533e-01	-5.7383e-01	3.7998e-01
205	0.0000e+00	0.0000e+00	0.0000e+00	-1.0201e+00	-1.2622e+00	-1.0779e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5147e+00	-2.8735e+00	-8.7261e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-6.2006e-01	-5.9551e-01	5.2085e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.2882e-01	1.0799e+00	-5.1704e-01
204	0.0000e+00	0.0000e+00	0.0000e+00	-7.1396e-01	-4.4724e-01	-3.7997e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.7351e-01	4.6578e-01	7.0986e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.1524e-01	-8.2493e-01	6.6348e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.0307e-01	-5.8612e-01	3.5311e-01
203	0.0000e+00	0.0000e+00	0.0000e+00	2.5321e-01	8.7269e-01	1.0516e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.0670e-01	-2.4611e+00	6.9437e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.1823e-01	1.9396e+00	5.2281e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.8489e-01	-9.5577e-01	1.0318e+00
202	0.0000e+00	0.0000e+00	0.0000e+00	1.6696e+00	-1.1453e+00	6.7079e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5424e+00	-9.0488e-01	3.4854e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.6502e-01	-4.0743e-01	9.5326e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2461e+00	6.2406e-01	7.7501e-01
201	0.0000e+00	0.0000e+00	0.0000e+00	-5.3228e-01	-5.4478e-01	-5.9183e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.1000e-01	-5.1980e-01	3.7786e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.4593e-01	-9.2890e-01	3.6874e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5871e-01	-9.3319e-01	-5.9245e-01
200	0.0000e+00	0.0000e+00	0.0000e+00	2.4119e-01	8.2058e-01	5.4113e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.5086e+00	-2.4947e+00	8.7578e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2520e+00	1.5810e+00	1.0681e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0596e+00	-9.9090e-01	5.4119e-01
199	0.0000e+00	0.0000e+00	0.0000e+00	1.5159e+00	-7.4656e-01	1.5223e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6878e+00	-3.1714e+00	8.1685e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.2264e-01	-4.0574e-01	1.1108e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.6410e-01	1.3538e+00	8.3002e-01
198	0.0000e+00	0.0000e+00	0.0000e+00	-1.3200e+00	-9.2412e-01	4.3623e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.8684e-01	-7.9283e-01	4.0786e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.0612e-01	-6.1212e-01	2.1065e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.0991e-01	-2.9086e-01	1.7445e-01

197	0.0000e+00	0.0000e+00	0.0000e+00	-4.1157e-01	-3.2380e-01	-2.7761e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.0585e-01	-4.2782e-01	-3.0331e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.2371e-01	3.4673e-01	-2.2196e-01
196	0.0000e+00	0.0000e+00	0.0000e+00	9.8033e-01	-1.2866e+00	5.7840e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5218e+00	-3.5534e+00	4.7748e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.5586e-01	-2.3006e-01	-2.8731e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.5405e-01	-1.3770e+00	1.8239e-01
195	0.0000e+00	0.0000e+00	0.0000e+00	-2.0310e+00	-3.4785e+00	-6.7766e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.4085e-01	-1.2591e+00	-7.5454e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.4238e-01	-1.1008e+00	1.9450e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.1416e-01	3.6922e-01	-2.4457e-01
194	0.0000e+00	0.0000e+00	0.0000e+00	8.7197e-01	-1.1244e+00	3.5270e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4547e+00	-2.5268e+00	5.1332e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.5701e-01	-3.2445e-01	-4.5565e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.0642e-01	-9.0662e-01	1.7123e-01
193	0.0000e+00	0.0000e+00	0.0000e+00	-1.5382e+00	-2.3808e+00	-6.8035e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.6332e-01	-8.4147e-01	-6.6252e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.3112e-01	-5.3920e-01	3.2455e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.7546e-01	3.9467e-01	-4.4818e-01
192	0.0000e+00	0.0000e+00	0.0000e+00	6.2464e-01	6.1790e-01	-3.5790e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.6464e-01	6.2497e-01	-1.7308e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.9665e-01	-5.1468e-01	-1.6070e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.7752e-01	-4.6141e-01	-3.5100e-01
191	0.0000e+00	0.0000e+00	0.0000e+00	6.3373e-01	4.7314e-01	4.4222e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.3156e-01	5.1261e-01	4.2550e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.7414e-01	-4.4297e-01	3.8960e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.1055e-01	-3.4182e-01	4.2360e-01
190	0.0000e+00	0.0000e+00	0.0000e+00	-5.4224e-01	5.6557e-01	-1.1741e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.0908e-01	6.4131e-01	1.7247e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.8335e-01	-5.9211e-01	1.1577e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-4.0287e-01	-5.1913e-01	-1.2933e-01
189	0.0000e+00	0.0000e+00	0.0000e+00	-5.3679e-01	6.9005e-01	2.0728e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.6325e-01	7.1399e-01	1.8041e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.9752e-01	-6.5929e-01	1.1617e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.0155e-01	-6.4936e-01	1.1718e-01
188	0.0000e+00	0.0000e+00	0.0000e+00	4.2088e-01	6.9699e-01	1.2482e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.0794e-01	-4.7736e-01	-2.1975e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.9432e-01	-6.1308e-01	-2.9236e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.0585e-01	-6.8455e-01	-1.6365e-01
187	0.0000e+00	0.0000e+00	0.0000e+00	-3.2677e-01	-4.5758e-01	-2.0618e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.0748e-01	4.1112e-01	-1.9903e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.0777e-01	-3.9438e-01	2.8876e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.0548e-01	-5.1040e-01	2.9504e-01
186	0.0000e+00	0.0000e+00	0.0000e+00	-3.6428e-01	4.3117e-01	-1.9842e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.1792e-01	6.2294e-01	-2.2013e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.4254e-01	-2.9119e-01	-2.9066e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.7767e-01	-3.4594e-01	3.2674e-01
185	0.0000e+00	0.0000e+00	0.0000e+00	3.3630e-01	6.5339e-01	1.4948e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.9400e-01	3.6971e-01	-1.6028e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1679e-01	-2.7443e-01	-2.4658e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4579e-01	-2.7602e-01	-2.3945e-01
184	0.0000e+00	0.0000e+00	0.0000e+00	5.8043e-01	-7.7049e-01	4.1210e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.0864e-01	-8.9935e-01	3.9868e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.4583e-01	-1.3454e+00	-1.9570e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.3042e-01	-7.8680e-01	1.4230e-01
183	0.0000e+00	0.0000e+00	0.0000e+00	3.7323e-01	-1.1154e+00	3.1634e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.3927e-01	-9.2894e-01	-3.6287e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.9432e-01	-9.8208e-01	-1.5019e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.0979e-01	-1.0707e+00	1.1252e-01
182	0.0000e+00	0.0000e+00	0.0000e+00	-4.6596e-01	-3.7543e-01	4.5147e-01

	0.0000e+00	0.0000e+00	0.0000e+00	5.4514e-01	-4.3941e-01	-2.7009e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.0717e-01	-1.1259e+00	6.3243e-01
181	0.0000e+00	0.0000e+00	0.0000e+00	2.6887e-01	-2.6828e-01	-3.1232e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.9766e-01	-2.8451e-01	-2.0131e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.6789e-01	-4.2466e-01	2.9592e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.2385e-01	-7.5354e-01	3.1151e-01
180	0.0000e+00	0.0000e+00	0.0000e+00	-2.8828e-01	-1.4430e-01	4.3578e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8950e-01	3.5041e-01	2.7254e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.0398e-01	6.4522e-01	6.8625e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.8421e-01	-9.3973e-01	8.7566e-01
179	0.0000e+00	0.0000e+00	0.0000e+00	-3.8036e-01	5.3734e-01	2.4164e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5745e-01	3.5846e-01	-2.0013e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.2393e-01	-5.0105e-01	-3.5342e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.6818e-01	5.7787e-01	-1.6440e-01
178	0.0000e+00	0.0000e+00	0.0000e+00	2.2084e-01	-2.9566e-01	-1.9451e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6573e-01	-3.8401e-01	-1.1059e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.2685e-01	-3.3275e-01	-3.3246e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6999e-01	-3.7777e-01	-3.9713e-01
177	0.0000e+00	0.0000e+00	0.0000e+00	2.4390e-01	-6.1836e-01	-1.1107e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.9898e-01	-2.2619e-01	3.6134e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4169e-01	-2.7467e-01	5.0925e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.7863e-01	-2.4930e-01	-1.6559e-01
176	0.0000e+00	0.0000e+00	0.0000e+00	-1.0355e+00	5.7673e-01	-1.1460e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0230e+00	3.7724e+00	-9.0121e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.8824e-01	3.8620e-01	3.8131e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4590e-01	1.2442e+00	1.7474e-01
175	0.0000e+00	0.0000e+00	0.0000e+00	1.2298e+00	3.8219e+00	7.0996e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.3525e-01	8.6591e-01	8.3428e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.2710e-01	1.5226e+00	-1.8921e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.5962e-01	-2.5124e-01	4.0792e-01

174	0.0000e+00	0.0000e+00	0.0000e+00	1.7151e-01	6.1242e-01	-2.0395e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.1586e-01	8.0528e-01	-1.9797e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.3998e-01	1.3187e+00	-1.3201e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1553e-01	1.4217e+00	-1.6536e-01
173	0.0000e+00	0.0000e+00	0.0000e+00	-8.6988e-01	1.1919e+00	-7.4445e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.2177e+00	3.8997e+00	-9.3393e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.7407e-01	6.8127e-01	6.1800e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.0670e-01	1.3420e+00	-1.1589e-01
172	0.0000e+00	0.0000e+00	0.0000e+00	2.0132e+00	3.5507e+00	7.0998e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.9999e-01	6.9501e-01	1.2018e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.2532e-01	1.4188e+00	-2.3650e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.7904e-01	-3.7351e-01	-7.1369e-01
171	0.0000e+00	0.0000e+00	0.0000e+00	-5.1563e-01	4.6846e-01	-5.7785e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4344e-01	5.6925e-01	-3.9210e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.5268e-01	3.5672e-01	-1.4616e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.2413e-01	1.3529e+00	-2.0898e-01
170	0.0000e+00	0.0000e+00	0.0000e+00	-4.9887e-01	-2.1524e-01	-2.7891e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.2021e-01	-4.1063e-01	-3.1994e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.9410e-01	-2.8382e-01	-2.2018e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.8678e-01	-5.0094e-01	-2.1061e-01
169	0.0000e+00	0.0000e+00	0.0000e+00	8.0294e-01	8.8257e-01	1.6210e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2110e-01	5.1792e-01	-1.5156e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.2974e-01	1.6872e-01	-2.0548e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.0403e-01	-4.0143e-01	9.9375e-02
168	0.0000e+00	0.0000e+00	0.0000e+00	1.5243e-01	4.1224e-01	-1.8022e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5708e-01	2.5941e-01	-1.9431e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0482e-01	1.6135e-01	-2.1048e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6318e-01	1.5992e-01	-2.2598e-01
167	0.0000e+00	0.0000e+00	0.0000e+00	1.8431e-01	9.9187e-02	2.1388e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7302e-01	1.0799e-01	1.5440e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-1.7922e-01	1.2639e-01	1.8652e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7614e-01	-5.9327e-02	2.3895e-01
166	0.0000e+00	0.0000e+00	0.0000e+00	1.6593e-01	1.3544e-01	1.4164e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0501e-01	2.9396e-01	-1.5265e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.0102e-01	1.7149e-01	-1.2478e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7332e-01	8.4864e-02	2.0653e-01
165	0.0000e+00	0.0000e+00	0.0000e+00	2.2320e-01	2.2097e-01	-2.1096e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4146e-01	2.6289e-01	-3.8245e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.8385e-01	2.1423e-01	-5.3172e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.0069e-01	1.8922e-01	-3.4299e-01
164	0.0000e+00	0.0000e+00	0.0000e+00	2.7720e-01	2.7749e-01	1.3059e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0599e+00	-3.0542e+00	1.1608e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.5275e-01	-9.3118e-01	-2.9721e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.7440e-01	-6.9614e-01	3.0100e-01
163	0.0000e+00	0.0000e+00	0.0000e+00	-8.4437e-01	-6.5238e-01	6.7471e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.9696e-01	-6.1671e-01	-1.7452e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.4355e-01	-1.5497e+00	-5.5540e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5614e+00	-1.5803e+00	1.0938e+00
162	0.0000e+00	0.0000e+00	0.0000e+00	-3.8016e-01	-5.5227e-01	2.4201e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4241e-01	-2.7312e-01	3.4730e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.4257e-01	-9.9885e-01	2.8979e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6379e-01	-6.0483e-01	1.9809e-01
161	0.0000e+00	0.0000e+00	0.0000e+00	4.6414e-01	3.7181e-01	8.3541e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0164e+00	-2.7047e+00	8.9727e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.3754e-01	-1.0182e+00	3.3826e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.7259e-01	-1.2439e+00	3.2253e-01
160	0.0000e+00	0.0000e+00	0.0000e+00	-8.4071e-01	-1.0877e+00	3.8544e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8109e+00	-8.5972e-01	6.0597e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.0918e-01	-7.3805e-01	7.8690e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0601e+00	6.7885e-01	-3.9529e-01

159	0.0000e+00	0.0000e+00	0.0000e+00	-4.2093e-01	-4.2974e-01	-3.7610e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.3868e-01	-6.9865e-01	5.6692e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.7673e-01	-7.6618e-01	6.0436e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.5055e-01	-7.1898e-01	-3.0295e-01
158	0.0000e+00	0.0000e+00	0.0000e+00	-7.6166e-01	1.1204e+00	9.6966e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.8658e+00	-2.2072e+00	6.9636e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1410e+00	1.7016e+00	2.9222e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1635e+00	-8.8284e-01	9.4878e-01
157	0.0000e+00	0.0000e+00	0.0000e+00	1.6153e+00	-2.3448e+00	1.1850e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5771e+00	2.4854e+00	4.7510e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.4874e-01	9.2888e-01	1.1353e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2555e+00	8.3805e-01	9.2920e-01
156	0.0000e+00	0.0000e+00	0.0000e+00	-1.8957e-01	-2.0704e-01	-1.8774e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5967e-01	-1.8340e-01	-2.1904e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4477e-01	2.8546e-01	-3.3717e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.0990e-01	4.7617e-01	-3.1161e-01
155	0.0000e+00	0.0000e+00	0.0000e+00	-2.0888e-01	-3.9294e-01	1.3923e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.6961e-01	-3.5535e-01	2.6538e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.7091e-01	-4.3124e-01	2.5211e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7429e-01	-3.2492e-01	1.0004e-01
154	0.0000e+00	0.0000e+00	0.0000e+00	3.9124e-01	-7.6944e-01	3.0172e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.8041e-01	-1.1692e+00	2.3220e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.2432e-01	-3.1244e-01	-3.2504e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7782e-01	-4.4145e-01	-2.5050e-01
153	0.0000e+00	0.0000e+00	0.0000e+00	-1.1846e+00	-1.1601e+00	-3.4017e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.7198e-01	-9.4456e-01	3.0305e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.8099e-01	-5.1790e-01	1.7497e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.7626e-01	3.4319e-01	-2.6216e-01
152	0.0000e+00	0.0000e+00	0.0000e+00	1.5507e+00	-1.1204e+00	7.2306e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0920e+00	-3.3778e+00	5.7612e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-4.6617e-01	5.9539e-01	7.8118e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.9831e-01	-1.1135e+00	1.4556e-01
151	0.0000e+00	0.0000e+00	0.0000e+00	-3.4291e+00	-3.3143e+00	-8.6228e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.8237e-01	-1.2417e+00	-5.9226e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.6012e-01	-5.2896e-01	2.2672e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.4516e-01	8.5275e-01	6.4763e-01
150	0.0000e+00	0.0000e+00	0.0000e+00	-3.4301e-01	6.8756e-01	2.7542e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.3789e-01	6.7292e-01	2.0834e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.9429e-01	-5.0892e-01	3.0376e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.9612e-01	-4.3080e-01	3.7613e-01
149	0.0000e+00	0.0000e+00	0.0000e+00	-4.3722e-01	3.8220e-01	3.3220e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.6294e-01	6.2230e-01	2.9384e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.9051e-01	-4.2147e-01	3.7243e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.9809e-01	-2.0211e-01	4.0141e-01
148	0.0000e+00	0.0000e+00	0.0000e+00	-3.2358e-01	5.8408e-01	-2.0601e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.9519e-01	5.3915e-01	9.5491e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.0939e-01	-4.0766e-01	9.8856e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.8948e-01	-4.6666e-01	1.9701e-01
147	0.0000e+00	0.0000e+00	0.0000e+00	-5.9923e-01	6.0280e-01	1.5168e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.6001e-01	6.8735e-01	-2.8938e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4328e-01	-3.3062e-01	-2.5917e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.8148e-01	-4.0736e-01	1.4145e-01
146	0.0000e+00	0.0000e+00	0.0000e+00	3.2604e-01	6.4196e-01	-3.2073e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.2174e-01	4.6438e-01	-3.0335e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.0096e-01	-2.9356e-01	-2.8667e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.0991e-01	-3.1495e-01	-2.7199e-01
145	0.0000e+00	0.0000e+00	0.0000e+00	-3.9276e-01	3.4984e-01	-2.7682e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.6226e-01	3.7962e-01	-1.6867e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6099e-01	2.6235e-01	-1.3355e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0811e-01	3.0747e-01	-2.7307e-01

144	0.0000e+00	0.0000e+00	0.0000e+00	-6.0537e-01	-4.3717e-01	2.9835e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.0413e-01	-5.3899e-01	3.3001e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1191e-01	3.5597e-01	2.2204e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.0572e-01	5.1716e-01	1.4742e-01
143	0.0000e+00	0.0000e+00	0.0000e+00	2.0151e-01	2.1136e-01	-1.4076e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.3856e-01	-2.1914e-01	-1.4183e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2155e-01	-2.3769e-01	-1.7214e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.9308e-01	-2.4800e-01	-1.7506e-01
142	0.0000e+00	0.0000e+00	0.0000e+00	1.3953e-01	-5.6676e-01	2.3432e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.5978e-01	-7.0207e-01	2.1178e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5067e-01	-4.6993e-01	-2.4428e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1473e-01	-3.3861e-01	-1.8733e-01
141	0.0000e+00	0.0000e+00	0.0000e+00	5.7687e-01	-8.4322e-01	3.9162e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.9871e-01	-9.2770e-01	2.4177e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.9466e-01	-1.0046e+00	9.5571e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.7571e-01	-6.7683e-01	1.3386e-01
140	0.0000e+00	0.0000e+00	0.0000e+00	3.1633e-01	-4.8733e-01	-1.4841e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3691e-01	-2.5907e-01	-1.5051e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.3926e-01	-5.6045e-01	2.2189e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.3094e-01	-5.0436e-01	1.8740e-01
139	0.0000e+00	0.0000e+00	0.0000e+00	-2.4931e-01	5.9855e-01	-8.3620e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.3122e-01	-6.8215e-01	1.2588e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.0896e-01	-6.5280e-01	6.6303e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2711e+00	-1.7934e+00	6.7111e-01
138	0.0000e+00	0.0000e+00	0.0000e+00	-6.3836e-02	-4.1207e-01	2.1984e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1129e-01	-9.9293e-02	1.6325e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5945e-01	1.7498e-01	2.1565e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7367e-01	4.4906e-01	2.7799e-01
137	0.0000e+00	0.0000e+00	0.0000e+00	2.4671e-01	-2.2242e-01	-2.0114e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.2590e-01	-2.3366e-01	1.2307e-01

	0.0000e+00	0.0000e+00	0.0000e+00	6.2065e-01	2.6965e-01	9.4045e-02
	0.0000e+00	0.0000e+00	0.0000e+00	4.2597e-01	2.1106e-01	-2.1039e-01
136	0.0000e+00	0.0000e+00	0.0000e+00	2.6634e-01	-1.2494e-01	1.0576e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.2104e-01	8.9916e-02	1.4033e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8667e-01	1.0463e-01	2.7334e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.0935e-01	-1.7932e-01	2.2318e-01
135	0.0000e+00	0.0000e+00	0.0000e+00	2.4167e-01	1.4933e-01	2.1313e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.6790e-02	1.9580e-01	-2.2538e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1649e-01	2.0334e-01	-2.7309e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7673e-01	1.5563e-01	2.4803e-01
134	0.0000e+00	0.0000e+00	0.0000e+00	2.4171e-01	9.3551e-02	-2.4138e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2909e-01	-1.0851e-01	-1.8438e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.1520e-01	1.4359e-01	-2.7812e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2022e-01	2.0411e-01	-3.3947e-01
133	0.0000e+00	0.0000e+00	0.0000e+00	4.2111e-01	7.6683e-01	1.7867e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.5881e-01	-5.9798e-01	3.3066e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.5177e-01	1.8074e+00	4.4051e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2262e-01	1.3334e-01	6.4159e-01
132	0.0000e+00	0.0000e+00	0.0000e+00	3.8832e-01	5.1693e-01	-2.5178e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.9303e-01	1.0195e+00	-3.9964e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.1004e-01	5.0230e-01	-2.2290e-01
131	0.0000e+00	0.0000e+00	0.0000e+00	-4.2131e-01	5.5988e-01	-3.3205e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.0629e-01	3.9374e-01	5.4189e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.6060e-01	-1.1219e+00	2.8749e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.6657e-01	-4.2095e-01	-2.6802e-01
130	0.0000e+00	0.0000e+00	0.0000e+00	4.4143e-01	6.6399e-01	1.3208e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.3957e+00	-4.1742e+00	1.6051e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5487e+00	1.3787e+00	9.4208e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.6457e-01	-1.3867e+00	3.6822e-01
129	0.0000e+00	0.0000e+00	0.0000e+00	-1.7750e+00	-1.1071e+00	-1.2947e+00

	0.0000e+00	0.0000e+00	0.0000e+00	-3.5777e+00	-2.4580e+00	6.9387e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.7817e-01	-6.9774e-01	1.0551e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2371e+00	1.4032e+00	3.9117e-01
128	0.0000e+00	0.0000e+00	0.0000e+00	-5.1008e-01	4.0053e-01	-2.8620e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.3044e-01	4.6047e-01	-2.3135e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.1058e-01	-7.6949e-01	2.1489e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.3961e-01	-7.5644e-01	-2.5119e-01
127	0.0000e+00	0.0000e+00	0.0000e+00	4.9486e-01	5.5389e-01	1.0453e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.1467e+00	-3.7864e+00	8.7053e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2640e+00	1.3616e+00	-4.8330e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.7053e-01	-1.2570e+00	2.6611e-01
126	0.0000e+00	0.0000e+00	0.0000e+00	1.2062e+00	-1.5027e+00	2.1278e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.8580e+00	-1.0864e+00	1.0790e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.5579e-01	-6.9253e-01	1.4215e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1421e+00	-6.0669e-01	3.3055e-01
125	0.0000e+00	0.0000e+00	0.0000e+00	-5.8373e-01	1.2979e-01	-6.2701e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7356e-01	-7.9134e-02	-3.7014e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.4371e-01	1.4465e-01	-2.7163e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3266e-01	-1.7668e-01	-6.0301e-01
124	0.0000e+00	0.0000e+00	0.0000e+00	-2.6698e-01	-2.5705e-01	1.8364e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4803e-01	-1.6059e-01	-1.0446e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1395e-01	-4.2006e-01	3.3383e-01
123	0.0000e+00	0.0000e+00	0.0000e+00	1.5389e-01	-2.1006e-01	-1.1050e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.4404e-01	-3.4319e-01	8.2359e-02
	0.0000e+00	0.0000e+00	0.0000e+00	3.9613e-01	-2.3652e-01	-1.6558e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.4565e-01	-1.4957e-01	-2.7027e-01
122	0.0000e+00	0.0000e+00	0.0000e+00	2.6048e-01	-4.0701e-01	9.5069e-02
	0.0000e+00	0.0000e+00	0.0000e+00	2.6740e-01	-3.5142e-01	2.4334e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.5021e-01	-1.2213e-01	3.5782e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.3171e-01	-1.9888e-01	1.6089e-01

121	0.0000e+00	0.0000e+00	0.0000e+00	9.0138e-02	-1.5416e-01	2.7053e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.7176e-02	1.0236e-01	1.1467e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.4096e-01	-1.6888e-01	1.8207e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0139e-01	-1.8652e-01	3.6400e-01
120	0.0000e+00	0.0000e+00	0.0000e+00	-1.4535e-01	-6.4736e-01	-1.8338e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.6780e-01	5.6056e-01	-3.5371e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.2561e-01	-2.6413e+00	-6.4893e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.1649e-01	-2.2370e-01	-8.4037e-01
119	0.0000e+00	0.0000e+00	0.0000e+00	-2.8166e+00	8.2683e-01	4.1454e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.3988e-01	-4.0710e-01	3.6009e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.9040e-01	2.9719e-01	2.3479e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.3456e-01	9.8982e-01	-7.6873e-01
118	0.0000e+00	0.0000e+00	0.0000e+00	-6.0758e-02	-4.7759e-01	-2.0124e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6152e-01	-3.8695e-01	-2.4762e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4436e-01	3.7432e-01	3.6100e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0849e-01	3.5058e-01	3.7766e-01
117	0.0000e+00	0.0000e+00	0.0000e+00	-6.9581e-01	1.4162e-01	2.4543e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8825e-01	2.8692e-01	-7.5354e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6265e+00	-7.9850e-01	-7.0111e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2186e-01	4.4816e-01	-3.3037e-01
116	0.0000e+00	0.0000e+00	0.0000e+00	-6.7324e-01	-1.9935e+00	-4.9694e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.0622e-01	-1.6168e-01	7.1301e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3722e-01	-7.2051e-01	2.5270e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.8331e-01	1.9753e-01	-2.6442e-01
115	0.0000e+00	0.0000e+00	0.0000e+00	3.2132e-01	-1.6256e-01	-2.2828e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.8163e-01	-2.9972e-01	-2.3138e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.6525e-01	6.1213e-01	-2.7140e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.9798e-01	6.2686e-01	-2.5785e-01
114	0.0000e+00	0.0000e+00	0.0000e+00	6.1378e-01	-4.4757e-01	-1.9446e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.1436e-01	6.9625e-01	7.7340e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-2.6947e+00	-2.0151e+00	-7.1680e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.8682e-01	8.6269e-01	-6.1567e-01
113	0.0000e+00	0.0000e+00	0.0000e+00	5.2455e-01	-4.5237e-01	1.9040e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.3633e-01	-3.7190e-01	1.4161e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.0274e-01	1.9217e-01	1.8322e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.5455e-01	-2.6290e-01	2.7005e-01
112	0.0000e+00	0.0000e+00	0.0000e+00	1.8681e-01	-2.3554e-01	6.5461e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4283e+00	-1.6958e+00	8.1067e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.6450e-01	-4.5827e-01	-5.3477e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.4607e-01	-4.3444e-01	2.0141e-01
111	0.0000e+00	0.0000e+00	0.0000e+00	6.4546e-01	-7.5316e-01	3.3532e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1886e+00	-1.0383e+00	4.3342e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.8150e-01	-3.0392e-01	-3.5126e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.0219e-01	-3.2524e-01	-1.2250e-01
110	0.0000e+00	0.0000e+00	0.0000e+00	-1.0564e+00	-1.1096e+00	-5.2119e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.0255e-01	-8.8303e-01	3.1346e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.3517e-01	-5.0259e-01	1.6415e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6829e-01	3.6416e-01	-4.1690e-01
109	0.0000e+00	0.0000e+00	0.0000e+00	4.7164e-01	-8.6630e-01	3.6071e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.0265e-01	-1.1023e+00	-2.0962e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.0037e-01	-2.7694e-01	-2.7833e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.3213e-01	-5.2950e-01	1.2297e-01
108	0.0000e+00	0.0000e+00	0.0000e+00	-1.3964e+00	-1.1672e+00	-3.1863e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.2733e-01	-7.0670e-01	-1.3529e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.8892e-01	-2.4561e-01	1.0455e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.7093e-01	2.5864e-01	-1.7790e-01
107	0.0000e+00	0.0000e+00	0.0000e+00	-6.1048e-01	4.2788e-01	-9.1886e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.8344e-01	2.9613e+00	-6.6080e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.2388e-01	3.0014e-01	3.2172e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8242e-01	9.9557e-01	-1.3459e-01

106	0.0000e+00	0.0000e+00	0.0000e+00	8.0293e-01	2.9621e+00	5.5085e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.9543e-01	5.6023e-01	8.4684e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.5903e-01	1.1287e+00	-1.2050e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.5607e-01	8.0367e-02	1.5505e-01
105	0.0000e+00	0.0000e+00	0.0000e+00	-3.0085e-01	5.1819e-01	-4.0167e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8395e+00	7.7522e-01	-3.1502e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.4086e-01	8.7822e-01	-5.1811e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.2277e-01	5.0464e-01	-1.6745e-01
104	0.0000e+00	0.0000e+00	0.0000e+00	1.9368e+00	1.0704e+00	-5.6478e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8730e-01	9.1575e-01	-2.8702e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.4736e-01	5.3459e-01	-2.0546e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8736e-01	3.2309e-01	-6.2344e-01
103	0.0000e+00	0.0000e+00	0.0000e+00	-4.5486e-01	9.1999e-01	-6.4966e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.5879e+00	2.2924e+00	-5.9515e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.5440e-01	4.5516e-01	8.3342e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.5979e-01	9.5010e-01	-1.6427e-01
102	0.0000e+00	0.0000e+00	0.0000e+00	2.5068e+00	2.2536e+00	7.1099e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.8391e-01	7.3824e-01	6.1361e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.2214e-01	8.3345e-01	-1.5239e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.1750e-01	5.9777e-01	-8.5532e-01
101	0.0000e+00	0.0000e+00	0.0000e+00	-2.5271e-01	5.3133e-01	1.7840e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.9249e-01	5.2789e-01	9.3798e-02
	0.0000e+00	0.0000e+00	0.0000e+00	3.0127e-01	2.2513e-01	9.8437e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2035e-01	2.0776e-01	1.9064e-01
100	0.0000e+00	0.0000e+00	0.0000e+00	5.1158e-01	-3.7582e-01	-1.6019e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.0815e-01	-4.3538e-01	2.5666e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8489e-01	-2.2477e-01	3.2425e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.4137e-01	-3.1508e-01	-1.9329e-01
99	0.0000e+00	0.0000e+00	0.0000e+00	3.3294e-01	-4.5988e-01	-2.9328e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.5240e-01	-5.4701e-01	-2.8936e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-2.0369e-01	-2.1135e-01	-2.6506e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2072e-01	-3.5107e-01	-2.5165e-01
98	0.0000e+00	0.0000e+00	0.0000e+00	-3.1880e-01	-2.2494e-01	-8.7721e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.3621e-01	-1.9398e-01	1.7094e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2583e-01	2.3261e-01	2.1256e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8368e-01	1.8145e-01	9.3521e-02
97	0.0000e+00	0.0000e+00	0.0000e+00	5.3656e-01	-8.0636e-01	2.1739e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.5533e-01	-7.6853e-01	2.0114e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.1539e-01	-6.0819e-01	1.7198e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5280e-01	-5.3081e-01	1.9955e-01
96	0.0000e+00	0.0000e+00	0.0000e+00	3.1593e-01	-2.9124e-01	1.0014e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.3142e-01	-4.4983e-01	1.6683e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.5764e-01	-4.6794e-01	1.2661e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.9101e-01	3.6440e-01	-1.5884e-01
95	0.0000e+00	0.0000e+00	0.0000e+00	-3.4639e-01	7.6228e-01	-2.4908e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.7525e-01	6.8510e-01	-2.9379e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.0119e-01	7.8767e-01	-2.8899e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.2833e-01	6.1164e-01	-1.8718e-01
94	0.0000e+00	0.0000e+00	0.0000e+00	-2.9908e-01	2.2790e-01	-3.4265e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8392e-01	-2.7750e-01	-2.6046e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.1965e-01	3.5725e-01	-1.6860e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7966e-01	3.6528e-01	-2.8820e-01
93	0.0000e+00	0.0000e+00	0.0000e+00	2.6463e-01	-3.6231e-01	-1.1835e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.9052e-01	-2.3431e-01	-1.0692e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.6466e-01	1.7758e-01	-6.3211e-02
	0.0000e+00	0.0000e+00	0.0000e+00	2.3744e-01	2.3397e-01	-1.0044e-01
92	0.0000e+00	0.0000e+00	0.0000e+00	3.7080e-01	5.4504e-01	-7.5015e-02
	0.0000e+00	0.0000e+00	0.0000e+00	3.6428e-01	5.8735e-01	-1.6962e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.6211e-01	2.2975e-01	-1.4982e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.0805e-01	2.1705e-01	-4.7396e-02

91	0.0000e+00	0.0000e+00	0.0000e+00	-2.1472e-01	4.0784e-01	-3.5259e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.5346e-01	4.0649e-01	-2.3518e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.5400e-01	3.0582e-01	-1.2325e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2454e-01	2.3252e-01	-2.5515e-01
90	0.0000e+00	0.0000e+00	0.0000e+00	1.6325e-01	-2.4052e-01	-2.7705e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.1252e-01	2.1538e-01	-2.9699e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.3490e-01	-2.9045e-01	-2.2825e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2183e-01	-1.9542e-01	2.7593e-01
89	0.0000e+00	0.0000e+00	0.0000e+00	2.2056e-01	2.6936e-01	2.1873e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.4084e-01	-3.0584e-01	9.4736e-02
	0.0000e+00	0.0000e+00	0.0000e+00	2.3537e-01	2.2875e-01	-2.1389e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2774e-01	3.3713e-01	-1.3186e-01
88	0.0000e+00	0.0000e+00	0.0000e+00	-4.1091e-01	7.8172e-01	4.1917e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.4676e-01	-3.5430e-01	4.5802e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.6227e-01	-1.8363e-01	-3.1257e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.3223e-01	-3.8419e-01	-2.7105e-01
87	0.0000e+00	0.0000e+00	0.0000e+00	-1.0460e-01	4.0014e-01	-5.6913e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.9788e-01	-1.8064e-01	-5.6875e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.6541e-01	-1.6148e-01	-2.0485e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7681e-01	-1.7607e-01	-2.8715e-01
86	0.0000e+00	0.0000e+00	0.0000e+00	-2.5875e-01	2.7962e-01	-2.3379e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5271e-01	3.6393e-01	-3.5913e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.5506e-01	5.4803e-01	3.3022e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.5346e-01	5.2466e-01	-1.7322e-01
85	0.0000e+00	0.0000e+00	0.0000e+00	-2.3438e-01	2.9114e-01	-3.4590e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.9103e-01	3.3761e-01	2.2836e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.0160e-01	5.9178e-01	3.7044e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.9231e-01	5.7041e-01	3.9816e-01
84	0.0000e+00	0.0000e+00	0.0000e+00	1.0172e+00	-2.9727e-01	1.6683e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.2908e-01	-3.1590e-01	6.3082e-01

	0.0000e+00	0.0000e+00	0.0000e+00	1.5995e+00	-1.2268e+00	6.3375e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.6593e-01	-1.1560e+00	-2.2343e-01
83	0.0000e+00	0.0000e+00	0.0000e+00	-6.7161e-03	-5.2853e-03	1.7485e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.6346e-02	-5.7067e-03	2.4370e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7203e-02	-2.8208e-02	3.3664e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.3534e-03	-4.4601e-02	2.7214e-02
82	0.0000e+00	0.0000e+00	0.0000e+00	-3.9721e-02	-5.1235e-03	2.7002e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.1601e-02	-4.3530e-03	3.2462e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.2287e-02	-2.3408e-02	3.6481e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5844e-02	-2.7017e-02	3.1476e-02
81	0.0000e+00	0.0000e+00	0.0000e+00	-4.1618e-02	-4.0865e-03	3.3691e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5075e-02	-3.9621e-03	3.7750e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.8635e-02	-2.1720e-02	3.9652e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.2483e-02	-2.3242e-02	3.5764e-02
80	0.0000e+00	0.0000e+00	0.0000e+00	-3.2347e-02	4.0628e-03	3.8203e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4126e-02	3.6495e-03	4.2015e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8694e-02	2.0345e-02	4.3631e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.6183e-02	2.1771e-02	3.9832e-02
79	0.0000e+00	0.0000e+00	0.0000e+00	-2.0890e-02	3.9113e-03	4.2206e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4409e-02	3.3303e-03	4.5648e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8122e-02	1.8624e-02	4.7965e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5645e-02	2.0667e-02	4.4562e-02
78	0.0000e+00	0.0000e+00	0.0000e+00	-1.2034e-02	3.6811e-03	4.5462e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-9.8239e-03	3.1390e-03	4.7310e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1480e-02	1.7387e-02	5.0492e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5584e-02	1.9311e-02	4.8844e-02
77	0.0000e+00	0.0000e+00	0.0000e+00	-9.8671e-03	3.7000e-03	4.6588e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.1081e-02	3.2149e-03	4.5832e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4584e-02	1.8484e-02	4.9317e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1694e-02	1.8130e-02	5.0462e-02

76	0.0000e+00	0.0000e+00	0.0000e+00	1.2000e-02	4.0724e-03	4.4785e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.2513e-02	3.8951e-03	4.2028e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.9666e-02	2.2219e-02	4.5309e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.6170e-02	1.8983e-02	4.8402e-02
75	0.0000e+00	0.0000e+00	0.0000e+00	1.3769e-02	5.1891e-03	4.1077e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.1816e-02	4.9479e-03	3.8711e-02
	0.0000e+00	0.0000e+00	0.0000e+00	2.0043e-02	2.4545e-02	4.0966e-02
	0.0000e+00	0.0000e+00	0.0000e+00	2.1364e-02	2.2674e-02	4.3154e-02
74	0.0000e+00	0.0000e+00	0.0000e+00	9.6963e-03	3.9315e-03	3.8636e-02
	0.0000e+00	0.0000e+00	0.0000e+00	6.6577e-03	5.2123e-03	3.8983e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.4608e-02	2.4123e-02	4.0867e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.6971e-02	2.4349e-02	4.0348e-02
73	0.0000e+00	0.0000e+00	0.0000e+00	6.0866e-03	3.4185e-03	3.9635e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.1730e-02	4.9520e-03	4.1995e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.9112e-02	2.1910e-02	4.3602e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.3878e-02	2.2884e-02	4.1094e-02
72	0.0000e+00	0.0000e+00	0.0000e+00	1.6095e-02	2.8731e-03	4.2951e-02
	0.0000e+00	0.0000e+00	0.0000e+00	2.8297e-02	4.4207e-03	4.6051e-02
	0.0000e+00	0.0000e+00	0.0000e+00	3.4831e-02	1.8909e-02	4.7610e-02
	0.0000e+00	0.0000e+00	0.0000e+00	2.3004e-02	2.0411e-02	4.4349e-02
71	0.0000e+00	0.0000e+00	0.0000e+00	3.3892e-02	2.5634e-03	4.6901e-02
	0.0000e+00	0.0000e+00	0.0000e+00	4.8646e-02	3.7085e-03	4.9241e-02
	0.0000e+00	0.0000e+00	0.0000e+00	5.2952e-02	1.6384e-02	5.1369e-02
	0.0000e+00	0.0000e+00	0.0000e+00	4.0252e-02	1.7594e-02	4.8820e-02
70	0.0000e+00	0.0000e+00	0.0000e+00	5.3516e-02	2.8032e-03	4.9523e-02
	0.0000e+00	0.0000e+00	0.0000e+00	6.5501e-02	3.0491e-03	4.9034e-02
	0.0000e+00	0.0000e+00	0.0000e+00	6.4720e-02	1.8202e-02	5.2925e-02
	0.0000e+00	0.0000e+00	0.0000e+00	5.7605e-02	1.5819e-02	5.3156e-02
69	0.0000e+00	0.0000e+00	0.0000e+00	6.6225e-02	3.9333e-03	4.7640e-02
	0.0000e+00	0.0000e+00	0.0000e+00	6.4120e-02	5.2999e-03	4.2210e-02

	0.0000e+00	0.0000e+00	0.0000e+00	5.6343e-02	2.9835e-02	4.9930e-02
	0.0000e+00	0.0000e+00	0.0000e+00	6.5496e-02	1.8814e-02	5.5174e-02
68	0.0000e+00	0.0000e+00	0.0000e+00	5.9530e-02	7.2470e-03	3.8090e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.0791e-02	6.8834e-03	2.8624e-02
	0.0000e+00	0.0000e+00	0.0000e+00	9.1592e-03	6.4582e-02	4.4474e-02
	0.0000e+00	0.0000e+00	0.0000e+00	4.3559e-02	3.2098e-02	5.3927e-02
67	0.0000e+00	0.0000e+00	0.0000e+00	7.0517e-02	1.2941e-02	-5.3625e-02
	0.0000e+00	0.0000e+00	0.0000e+00	9.4377e-02	7.4570e-03	-8.0991e-02
	0.0000e+00	0.0000e+00	0.0000e+00	6.6730e-02	4.2680e-02	-8.2985e-02
	0.0000e+00	0.0000e+00	0.0000e+00	4.6304e-02	4.0106e-02	-5.5791e-02
66	0.0000e+00	0.0000e+00	0.0000e+00	9.8161e-02	9.3166e-03	-9.2332e-02
	0.0000e+00	0.0000e+00	0.0000e+00	9.4519e-02	7.6146e-03	-1.2601e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.4133e-02	5.1252e-02	-1.2271e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.0889e-02	4.2057e-02	-8.9311e-02
65	0.0000e+00	0.0000e+00	0.0000e+00	8.2256e-02	9.5165e-03	-1.4112e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.4096e-02	1.9963e-02	-1.7748e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.0282e-02	6.3453e-02	-1.6538e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.7731e-02	5.1170e-02	-1.2957e-01
64	0.0000e+00	0.0000e+00	0.0000e+00	5.7736e-02	1.3099e-02	-1.7864e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4918e-01	-6.8583e-02	-1.9931e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2831e-01	1.5287e-01	-1.9146e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0253e-01	6.6850e-02	-1.6914e-01
63	0.0000e+00	0.0000e+00	0.0000e+00	1.8287e-01	-1.9861e-01	1.8330e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.0913e-01	-2.1355e-01	1.2464e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4256e-01	-9.0103e-02	1.0714e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2044e-01	-1.1469e-01	1.6844e-01
62	0.0000e+00	0.0000e+00	0.0000e+00	2.3081e-01	-2.0459e-01	7.5893e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.3089e-01	-1.2596e-01	-6.5028e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.3200e-01	-8.2445e-02	7.1199e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.2834e-01	-9.0116e-02	1.1265e-01

61	0.0000e+00	0.0000e+00	0.0000e+00	1.9383e-01	-1.2281e-01	-5.1204e-02
	0.0000e+00	0.0000e+00	0.0000e+00	7.5472e-02	1.8014e-01	-6.3824e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.0410e-01	-6.5917e-02	8.9781e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.0951e-01	-1.0107e-01	6.8445e-02
60	0.0000e+00	0.0000e+00	0.0000e+00	1.7347e-01	1.7033e-01	1.5339e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.7147e-02	-1.3288e-01	2.0889e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.7091e-02	6.9177e-02	1.2446e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.6417e-02	-8.3336e-02	6.6894e-02
59	0.0000e+00	0.0000e+00	0.0000e+00	1.2616e-01	-1.4182e-01	1.8224e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2044e-01	-2.2891e-01	1.3255e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.8789e-02	8.8601e-02	-7.7640e-02
	0.0000e+00	0.0000e+00	0.0000e+00	8.7543e-02	-9.6476e-02	1.1395e-01
58	0.0000e+00	0.0000e+00	0.0000e+00	1.7002e-01	-2.3674e-01	-8.5804e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.8714e-01	1.8924e-01	-9.7013e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.2042e-01	1.0387e-01	-5.4832e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.1212e-01	-1.1601e-01	8.7497e-02
57	0.0000e+00	0.0000e+00	0.0000e+00	-1.6133e-01	1.9905e-01	-7.9502e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6436e-01	2.2083e-01	-1.2405e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3169e-01	1.0815e-01	1.3348e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4491e-01	1.2654e-01	-5.6636e-02
56	0.0000e+00	0.0000e+00	0.0000e+00	-2.3750e-01	2.2289e-01	2.6256e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6532e-01	-2.4784e-01	3.0636e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1616e-01	1.1773e-01	1.8044e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2722e-01	1.0005e-01	1.1439e-01
55	0.0000e+00	0.0000e+00	0.0000e+00	1.1870e-01	-2.5255e-01	2.8988e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.5566e-01	-4.2534e-01	1.9839e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.2772e-02	-2.1668e-01	-9.8314e-02
	0.0000e+00	0.0000e+00	0.0000e+00	9.8050e-02	-1.6878e-01	1.8597e-01
54	0.0000e+00	0.0000e+00	0.0000e+00	1.4744e-01	-4.3805e-01	-1.1604e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5885e-01	4.1727e-01	-7.8582e-02

	0.0000e+00	0.0000e+00	0.0000e+00	-1.1770e-01	2.5767e-01	6.2868e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0681e-01	2.2529e-01	1.2431e-01
53	0.0000e+00	0.0000e+00	0.0000e+00	-2.2893e-01	4.1322e-01	-9.2504e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8510e-01	3.7363e-01	1.7679e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1588e-01	2.0247e-01	1.3668e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1356e-01	2.4642e-01	6.0232e-02
52	0.0000e+00	0.0000e+00	0.0000e+00	-1.8887e-01	3.6158e-01	2.7082e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2261e-01	-2.0560e-01	3.0277e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.1439e-02	1.5051e-01	1.5364e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.6893e-02	1.7007e-01	1.1519e-01
51	0.0000e+00	0.0000e+00	0.0000e+00	-1.2395e-01	-2.2237e-01	2.3658e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.3559e-01	-3.4268e-01	1.6590e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0897e-01	-1.7499e-01	7.7088e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0566e-01	-1.4661e-01	1.5413e-01
50	0.0000e+00	0.0000e+00	0.0000e+00	-1.8127e-01	-3.5661e-01	1.0719e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0017e-01	4.2525e-01	-7.9202e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2700e-01	-2.2705e-01	5.7927e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2064e-01	-2.1006e-01	9.0521e-02
49	0.0000e+00	0.0000e+00	0.0000e+00	-2.1029e-01	4.4529e-01	9.4871e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5030e-01	3.8597e-01	1.4552e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1591e-01	2.7424e-01	1.0729e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2565e-01	-2.3094e-01	5.8138e-02
48	0.0000e+00	0.0000e+00	0.0000e+00	-1.3250e-01	4.3174e-01	1.7764e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.9275e-02	7.0680e-01	1.7939e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.9275e-02	-2.0738e-01	1.1852e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.4038e-02	-2.8208e-01	1.1166e-01
47	0.0000e+00	0.0000e+00	0.0000e+00	-1.8425e-01	-2.2719e-02	-1.1905e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.6524e-02	-1.7167e-02	-9.2717e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-7.2149e-02	-4.4024e-02	-7.8642e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8802e-01	-6.3840e-02	-1.0549e-01

46	0.0000e+00	0.0000e+00	0.0000e+00	-5.3117e-02	-9.3716e-03	-8.1377e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.9283e-02	-9.1323e-03	-5.8856e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.1340e-02	-3.0139e-02	-5.4104e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.9351e-02	-4.3657e-02	-7.5769e-02
45	0.0000e+00	0.0000e+00	0.0000e+00	-6.1015e-02	-6.3307e-03	-5.0821e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.8630e-02	-7.9823e-03	-3.3413e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.7455e-02	-2.5372e-02	-3.4526e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.1035e-02	-3.0468e-02	-5.1193e-02
44	0.0000e+00	0.0000e+00	0.0000e+00	-3.8359e-02	2.8965e-02	4.1604e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.0430e-02	2.7775e-02	4.5489e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.9431e-02	4.3806e-02	5.0635e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.6726e-02	-4.4627e-02	4.6968e-02
43	0.0000e+00	0.0000e+00	0.0000e+00	-2.7468e-02	2.7838e-02	4.5626e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0167e-02	2.6075e-02	5.0420e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.9425e-02	4.3538e-02	5.6995e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.6522e-02	4.3776e-02	5.2666e-02
42	0.0000e+00	0.0000e+00	0.0000e+00	-1.6823e-02	2.6443e-02	4.9876e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2947e-02	2.4551e-02	5.3616e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1446e-02	4.2878e-02	6.2162e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6003e-02	4.4564e-02	5.8812e-02
41	0.0000e+00	0.0000e+00	0.0000e+00	-1.2932e-02	2.5070e-02	5.2169e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4885e-02	2.4723e-02	5.2830e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3562e-02	4.0953e-02	6.3276e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0500e-02	4.4053e-02	6.3067e-02
40	0.0000e+00	0.0000e+00	0.0000e+00	1.7468e-02	2.6244e-02	5.1232e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.9766e-02	2.8209e-02	4.8735e-02
	0.0000e+00	0.0000e+00	0.0000e+00	3.2243e-02	4.3110e-02	5.9550e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6574e-02	4.1631e-02	6.3303e-02
39	0.0000e+00	0.0000e+00	0.0000e+00	2.9195e-02	3.3689e-02	4.5420e-02
	0.0000e+00	0.0000e+00	0.0000e+00	2.4806e-02	3.2938e-02	4.1687e-02

	0.0000e+00	0.0000e+00	0.0000e+00	3.7378e-02	4.7935e-02	5.0133e-02
	0.0000e+00	0.0000e+00	0.0000e+00	4.4964e-02	4.3892e-02	5.3431e-02
38	0.0000e+00	0.0000e+00	0.0000e+00	2.0742e-02	3.0888e-02	4.2773e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.8022e-02	3.3238e-02	4.2284e-02
	0.0000e+00	0.0000e+00	0.0000e+00	3.0081e-02	4.8858e-02	4.8543e-02
	0.0000e+00	0.0000e+00	0.0000e+00	3.4766e-02	4.9117e-02	4.8718e-02
37	0.0000e+00	0.0000e+00	0.0000e+00	1.6018e-02	3.0261e-02	4.3715e-02
	0.0000e+00	0.0000e+00	0.0000e+00	2.1779e-02	3.0658e-02	4.5734e-02
	0.0000e+00	0.0000e+00	0.0000e+00	3.1901e-02	4.5711e-02	5.2001e-02
	0.0000e+00	0.0000e+00	0.0000e+00	2.8251e-02	4.7839e-02	4.9607e-02
36	0.0000e+00	0.0000e+00	0.0000e+00	2.4254e-02	2.7321e-02	4.7392e-02
	0.0000e+00	0.0000e+00	0.0000e+00	3.7777e-02	2.6767e-02	5.0538e-02
	0.0000e+00	0.0000e+00	0.0000e+00	4.6618e-02	4.1414e-02	5.6988e-02
	0.0000e+00	0.0000e+00	0.0000e+00	3.4397e-02	4.4060e-02	5.3646e-02
35	0.0000e+00	0.0000e+00	0.0000e+00	4.1062e-02	2.3743e-02	5.2004e-02
	0.0000e+00	0.0000e+00	0.0000e+00	5.6525e-02	2.3090e-02	5.5513e-02
	0.0000e+00	0.0000e+00	0.0000e+00	6.3787e-02	3.8404e-02	6.3246e-02
	0.0000e+00	0.0000e+00	0.0000e+00	5.0349e-02	3.9875e-02	5.9530e-02
34	0.0000e+00	0.0000e+00	0.0000e+00	5.7144e-02	2.1855e-02	5.6229e-02
	0.0000e+00	0.0000e+00	0.0000e+00	6.8591e-02	2.4383e-02	5.8806e-02
	0.0000e+00	0.0000e+00	0.0000e+00	7.2159e-02	4.1337e-02	7.0566e-02
	0.0000e+00	0.0000e+00	0.0000e+00	6.5052e-02	3.7961e-02	6.7591e-02
33	0.0000e+00	0.0000e+00	0.0000e+00	6.2689e-02	2.7411e-02	5.7753e-02
	0.0000e+00	0.0000e+00	0.0000e+00	6.0516e-02	3.9718e-02	5.7995e-02
	0.0000e+00	0.0000e+00	0.0000e+00	5.8822e-02	5.9807e-02	7.7414e-02
	0.0000e+00	0.0000e+00	0.0000e+00	6.7831e-02	4.3893e-02	7.6806e-02
32	0.0000e+00	0.0000e+00	0.0000e+00	6.4449e-02	5.9439e-02	-9.1005e-02
	0.0000e+00	0.0000e+00	0.0000e+00	6.2541e-02	6.8073e-02	-1.1480e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.2670e-02	8.0017e-02	-1.0486e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.9538e-02	6.7026e-02	-8.1651e-02

31	0.0000e+00	0.0000e+00	0.0000e+00	5.0920e-02	7.2454e-02	-1.3381e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.4919e-02	1.0380e-01	-1.5337e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.7166e-02	1.1714e-01	-1.2371e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.8184e-02	8.8581e-02	-1.0542e-01
30	0.0000e+00	0.0000e+00	0.0000e+00	1.2883e-01	-6.4397e-02	9.9776e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.1108e-01	-6.6254e-02	8.2406e-02
	0.0000e+00	0.0000e+00	0.0000e+00	9.1856e-02	5.5828e-02	8.6616e-02
	0.0000e+00	0.0000e+00	0.0000e+00	9.5780e-02	5.2088e-02	1.0383e-01
29	0.0000e+00	0.0000e+00	0.0000e+00	1.1155e-01	-6.9312e-02	8.1354e-02
	0.0000e+00	0.0000e+00	0.0000e+00	8.8719e-02	6.4353e-02	8.2226e-02
	0.0000e+00	0.0000e+00	0.0000e+00	7.5189e-02	5.7798e-02	8.0428e-02
	0.0000e+00	0.0000e+00	0.0000e+00	8.7304e-02	5.7848e-02	8.2949e-02
28	0.0000e+00	0.0000e+00	0.0000e+00	8.1417e-02	6.5141e-02	9.2636e-02
	0.0000e+00	0.0000e+00	0.0000e+00	6.9979e-02	5.7915e-02	9.5701e-02
	0.0000e+00	0.0000e+00	0.0000e+00	5.7123e-02	5.8973e-02	7.6448e-02
	0.0000e+00	0.0000e+00	0.0000e+00	6.9589e-02	5.7912e-02	7.3806e-02
27	0.0000e+00	0.0000e+00	0.0000e+00	6.7695e-02	6.3283e-02	9.0669e-02
	0.0000e+00	0.0000e+00	0.0000e+00	7.6768e-02	7.7320e-02	8.2763e-02
	0.0000e+00	0.0000e+00	0.0000e+00	5.6974e-02	6.5776e-02	6.6502e-02
	0.0000e+00	0.0000e+00	0.0000e+00	5.8300e-02	6.2195e-02	7.1843e-02
26	0.0000e+00	0.0000e+00	0.0000e+00	8.8444e-02	8.4500e-02	6.7297e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.0184e-01	9.1372e-02	6.4851e-02
	0.0000e+00	0.0000e+00	0.0000e+00	7.2719e-02	6.8826e-02	6.3882e-02
	0.0000e+00	0.0000e+00	0.0000e+00	6.5382e-02	7.2666e-02	6.5000e-02
25	0.0000e+00	0.0000e+00	0.0000e+00	1.1954e-01	1.0007e-01	6.8220e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2412e-01	9.1243e-02	9.3626e-02
	0.0000e+00	0.0000e+00	0.0000e+00	9.2980e-02	7.2232e-02	8.4370e-02
	0.0000e+00	0.0000e+00	0.0000e+00	8.0308e-02	7.3741e-02	6.2027e-02
24	0.0000e+00	0.0000e+00	0.0000e+00	1.0452e-01	8.5245e-02	1.3686e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.0035e-02	1.2941e-01	1.4110e-01

	0.0000e+00	0.0000e+00	0.0000e+00	6.7909e-02	6.6125e-02	1.0319e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.0487e-02	6.1569e-02	8.5113e-02
23	0.0000e+00	0.0000e+00	0.0000e+00	8.2843e-02	1.2300e-01	1.4201e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.1873e-02	1.8133e-01	1.2025e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.3318e-02	9.2895e-02	8.7883e-02
	0.0000e+00	0.0000e+00	0.0000e+00	6.2765e-02	7.8547e-02	1.0459e-01
22	0.0000e+00	0.0000e+00	0.0000e+00	-8.8744e-02	1.7874e-01	1.0117e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.4194e-02	1.9389e-01	8.2488e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.2389e-02	1.0859e-01	8.1154e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.3785e-02	1.0321e-01	9.6028e-02
21	0.0000e+00	0.0000e+00	0.0000e+00	-1.0104e-01	1.8740e-01	8.5618e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-8.7836e-02	1.5214e-01	1.0216e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.0996e-02	9.6629e-02	8.4354e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.0735e-02	1.0698e-01	8.0943e-02
20	0.0000e+00	0.0000e+00	0.0000e+00	-8.6374e-02	1.4491e-01	1.1849e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.6599e-02	-1.1194e-01	1.2634e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.3023e-02	7.4183e-02	8.1508e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.4143e-02	8.5097e-02	7.8785e-02
19	0.0000e+00	0.0000e+00	0.0000e+00	-8.6364e-02	-1.1398e-01	1.1115e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.7241e-02	-1.4512e-01	9.1455e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-7.0530e-02	-7.6861e-02	6.2037e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.4992e-02	7.3961e-02	8.0238e-02
18	0.0000e+00	0.0000e+00	0.0000e+00	-1.0510e-01	-1.5019e-01	6.7626e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1364e-01	-1.7378e-01	6.0457e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-7.8607e-02	-8.7120e-02	6.0409e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-7.5607e-02	-8.4509e-02	6.3192e-02
17	0.0000e+00	0.0000e+00	0.0000e+00	-1.1227e-01	-1.7718e-01	6.7415e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0095e-01	-1.7478e-01	9.5931e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.6222e-02	-8.3434e-02	8.4458e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-7.7516e-02	-8.7867e-02	5.8432e-02

16	0.0000e+00	0.0000e+00	0.0000e+00	-5.8883e-02	-5.9657e-02	-7.0693e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.1137e-02	-4.5675e-02	-5.7266e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.9842e-02	-5.1915e-02	-4.8419e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.8714e-02	-7.0539e-02	-6.0358e-02
15	0.0000e+00	0.0000e+00	0.0000e+00	-4.8612e-02	-4.1723e-02	-4.8148e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5348e-02	-3.8704e-02	-3.6790e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1189e-02	-4.1377e-02	-3.7399e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.6255e-02	-4.8923e-02	-4.7687e-02
14	0.0000e+00	0.0000e+00	0.0000e+00	-4.4941e-02	-3.0281e-02	3.9192e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.9385e-02	-2.9138e-02	4.0955e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.7898e-02	-4.5141e-02	4.6501e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.1739e-02	-4.5869e-02	4.5209e-02
13	0.0000e+00	0.0000e+00	0.0000e+00	-4.0599e-02	5.0421e-02	5.6049e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2605e-02	5.1377e-02	6.1051e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.0832e-02	7.3345e-02	7.3987e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.4614e-02	6.3189e-02	7.1539e-02
12	0.0000e+00	0.0000e+00	0.0000e+00	-3.1606e-02	5.0386e-02	6.6257e-02
	0.0000e+00	0.0000e+00	0.0000e+00	3.6371e-02	4.8822e-02	6.7661e-02
	0.0000e+00	0.0000e+00	0.0000e+00	5.0092e-02	6.1191e-02	9.0220e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.6573e-02	8.2561e-02	8.3868e-02
11	0.0000e+00	0.0000e+00	0.0000e+00	5.1641e-02	5.6529e-02	5.6233e-02
	0.0000e+00	0.0000e+00	0.0000e+00	5.1046e-02	5.8718e-02	4.8209e-02
	0.0000e+00	0.0000e+00	0.0000e+00	6.9298e-02	6.5930e-02	6.0065e-02
	0.0000e+00	0.0000e+00	0.0000e+00	7.4561e-02	5.4781e-02	7.3728e-02
10	0.0000e+00	0.0000e+00	0.0000e+00	4.0948e-02	5.3504e-02	5.2023e-02
	0.0000e+00	0.0000e+00	0.0000e+00	3.6772e-02	5.7502e-02	5.1221e-02
	0.0000e+00	0.0000e+00	0.0000e+00	5.3265e-02	6.4539e-02	6.0033e-02
	0.0000e+00	0.0000e+00	0.0000e+00	6.0672e-02	6.3452e-02	6.1397e-02
9	0.0000e+00	0.0000e+00	0.0000e+00	3.2826e-02	5.3512e-02	5.3642e-02
	0.0000e+00	0.0000e+00	0.0000e+00	3.6887e-02	5.3345e-02	5.5702e-02

	0.0000e+00	0.0000e+00	0.0000e+00	4.9742e-02	5.8484e-02	6.6493e-02
	0.0000e+00	0.0000e+00	0.0000e+00	4.8581e-02	6.2686e-02	6.3804e-02
8	0.0000e+00	0.0000e+00	0.0000e+00	3.7990e-02	4.9520e-02	5.8504e-02
	0.0000e+00	0.0000e+00	0.0000e+00	5.1119e-02	4.8174e-02	6.1431e-02
	0.0000e+00	0.0000e+00	0.0000e+00	6.4265e-02	5.5322e-02	7.1966e-02
	0.0000e+00	0.0000e+00	0.0000e+00	5.0156e-02	5.6928e-02	6.9210e-02
7	0.0000e+00	0.0000e+00	0.0000e+00	5.4283e-02	4.5208e-02	6.4351e-02
	0.0000e+00	0.0000e+00	0.0000e+00	6.8566e-02	4.4380e-02	6.9843e-02
	0.0000e+00	0.0000e+00	0.0000e+00	8.3517e-02	5.4033e-02	7.8834e-02
	0.0000e+00	0.0000e+00	0.0000e+00	6.6170e-02	5.4458e-02	7.3821e-02
6	0.0000e+00	0.0000e+00	0.0000e+00	6.8855e-02	4.2787e-02	7.1901e-02
	0.0000e+00	0.0000e+00	0.0000e+00	7.6991e-02	4.5409e-02	8.0712e-02
	0.0000e+00	0.0000e+00	0.0000e+00	9.1768e-02	5.0153e-02	9.3098e-02
	0.0000e+00	0.0000e+00	0.0000e+00	8.1523e-02	5.3138e-02	8.4008e-02
5	0.0000e+00	0.0000e+00	0.0000e+00	-4.2883e-02	7.9854e-02	8.4362e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.3945e-02	8.8444e-02	7.9154e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4549e-02	5.3648e-02	6.6048e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7623e-02	4.9180e-02	7.0103e-02
4	0.0000e+00	0.0000e+00	0.0000e+00	-4.5372e-02	8.5246e-02	7.7643e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.8030e-02	7.6975e-02	7.4579e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.0775e-02	5.3765e-02	6.2029e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4641e-02	5.3026e-02	6.7270e-02
3	0.0000e+00	0.0000e+00	0.0000e+00	-5.7656e-02	6.2281e-02	6.6368e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.5860e-02	-6.6202e-02	6.1216e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.9901e-02	-5.0099e-02	5.0003e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.3283e-02	4.9722e-02	5.4939e-02
2	0.0000e+00	0.0000e+00	0.0000e+00	-6.7250e-02	-6.7149e-02	5.5743e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-7.3177e-02	-6.9297e-02	5.7082e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.5026e-02	-5.0558e-02	5.0891e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.1709e-02	-5.0192e-02	4.9037e-02

1	0.0000e+00	0.0000e+00	0.0000e+00	7.3437e-02	5.9864e-02	-7.9219e-02
	0.0000e+00	0.0000e+00	0.0000e+00	4.5667e-02	4.7009e-02	-6.4844e-02
	0.0000e+00	0.0000e+00	0.0000e+00	5.8275e-02	6.0058e-02	-9.8174e-02

2.10.2 Condizione "(1) Dinamica SLOh X"

Elemento	Nx (kg)	Ny (kg)	Nxy (kg)	Mx (kgxcm)	My (kgxcm)	Mxy (kgxcm)
340	-2.9175e-04	-1.3428e-04	8.1649e-04	-8.8751e-02	4.5429e-02	2.2690e-01
	-1.8391e-04	3.8046e-03	3.4543e-04	1.7153e-01	4.1883e-01	-1.8407e-01
	-3.0151e-04	3.6410e-03	1.4444e-03	-3.7688e-02	-3.9218e-01	-2.2729e-01
	-3.7888e-04	-3.7288e-04	2.3103e-03	-1.3069e-01	-1.0459e-01	3.1075e-01
339	1.0096e-02	-4.7018e-04	6.7597e-04	-7.4313e-02	-9.9989e-02	2.0646e-01
	1.0096e-02	6.3099e-04	7.3966e-04	3.3216e-01	-5.0368e-02	1.6546e-01
	0.0000e+00	8.9937e-04	1.5123e-03	1.0654e-01	-2.4918e-01	1.6827e-01
	0.0000e+00	-5.4284e-04	1.8714e-03	-2.3442e-02	-1.8480e-01	2.4340e-01
338	-1.1251e-02	7.9479e-04	5.3173e-04	-1.1015e-01	1.4800e-01	1.6183e-01
	-1.1251e-02	6.0676e-04	-1.2433e-03	1.5946e-01	5.4834e-02	-2.4769e-01
	0.0000e+00	5.0610e-04	8.6320e-04	6.1259e-02	1.1189e-01	3.0398e-01
	0.0000e+00	3.6042e-04	7.4377e-04	-1.0189e-02	-3.1369e-01	2.0901e-01
337	-8.9702e-03	7.7093e-04	5.1329e-04	5.7080e-02	9.3303e-02	-3.1163e-01
	-8.9702e-03	-6.3862e-04	-1.4732e-03	9.3361e-02	5.3610e-02	-3.7123e-01
	0.0000e+00	-1.2083e-03	-6.1158e-04	3.4085e-02	-6.5179e-02	-4.1401e-01
	0.0000e+00	6.5442e-04	-3.3565e-04	-1.0550e-02	1.8369e-01	-3.7408e-01
336	6.1906e-03	-6.2932e-04	4.3542e-04	-2.0428e-02	-4.6988e-02	-3.6153e-01
	6.1906e-03	-7.1993e-04	1.1696e-03	-1.1877e-01	-7.3648e-02	-3.6355e-01
	-5.0637e-18	-1.7715e-03	-1.0373e-03	-5.5152e-02	-1.2625e-01	-3.9578e-01
	-5.2455e-18	-1.2473e-03	-7.4613e-04	5.3432e-03	5.8845e-02	-4.1126e-01
335	4.2245e-03	-4.9246e-04	4.6864e-04	-4.9239e-02	-1.1049e-01	2.8921e-01
	4.2245e-03	5.5076e-04	1.0180e-03	8.7653e-02	1.0828e-01	2.7287e-01
	-3.1795e-18	1.4356e-03	7.7408e-04	-4.5428e-02	-1.0928e-01	3.1627e-01
	-3.0619e-18	-1.2655e-03	-7.0301e-04	5.1288e-03	-7.1074e-02	3.3073e-01
334	-3.0292e-03	1.8346e-04	4.3906e-04	1.0030e-01	8.9119e-02	-1.6177e-01

	-3.0292e-03	2.7774e-04	-4.6782e-04	4.9458e-02	1.0647e-01	-1.4172e-01
	0.0000e+00	3.5244e-04	-5.3532e-04	-8.1371e-03	-8.0107e-02	-1.3170e-01
	0.0000e+00	2.8970e-04	-1.0040e-03	5.7487e-02	1.1524e-01	-1.4934e-01
333	2.1625e-03	2.2566e-04	-4.2791e-04	1.2707e-01	-5.7703e-02	-1.4785e-01
	2.1625e-03	-2.6403e-04	1.0136e-04	-1.8461e-02	-7.0755e-02	-1.5341e-01
	-1.0663e-18	-3.6534e-04	5.8347e-04	5.3020e-03	-8.9091e-02	-1.8388e-01
	-1.0299e-18	7.0648e-04	-7.5978e-04	4.9465e-02	8.4976e-02	-1.6803e-01
332	2.2301e-03	-2.7674e-04	-5.1686e-04	-1.4450e-01	-5.5098e-02	1.8531e-01
	2.2301e-03	-2.2351e-04	9.4009e-05	3.9850e-02	-5.8881e-02	1.6559e-01
	-9.6260e-19	-1.4822e-04	4.0424e-04	7.0647e-03	9.3671e-02	2.1342e-01
	9.0794e-19	-4.5292e-04	6.2669e-04	-4.9231e-02	-9.4454e-02	2.1642e-01
331	-2.3083e-03	-2.5313e-04	3.7049e-04	-1.1547e-01	2.2482e-02	1.6068e-01
	-2.3083e-03	2.1484e-04	1.0039e-04	7.7632e-02	5.1653e-02	1.0499e-01
	0.0000e+00	2.3218e-04	1.9187e-04	9.8417e-03	1.5172e-01	1.4265e-01
	0.0000e+00	-2.1015e-04	3.9390e-04	-3.7418e-02	7.2857e-02	1.9331e-01
330	-2.3406e-03	2.0963e-04	1.9295e-04	1.5436e-01	2.0949e-02	7.0039e-02
	-2.3406e-03	1.4480e-04	-3.4666e-04	-7.3298e-02	3.8785e-02	-7.9600e-02
	0.0000e+00	1.6486e-04	-6.8455e-04	-1.5540e-02	1.2331e-01	-6.5646e-02
	0.0000e+00	3.9525e-04	-4.2587e-04	4.7512e-02	1.2704e-01	-5.4481e-02
329	3.2407e-03	1.4130e-04	-5.2216e-04	1.3578e-01	-1.8047e-02	-9.8216e-02
	3.2407e-03	-4.4124e-04	3.9659e-04	-1.3513e-01	-2.9834e-02	1.2976e-01
	0.0000e+00	-4.5270e-04	7.0859e-04	-3.3968e-02	-1.6702e-01	-1.5278e-01
	0.0000e+00	2.0565e-04	-6.4887e-04	3.6301e-02	-1.1112e-01	-1.2864e-01
328	-2.7643e-03	-4.3994e-04	3.5372e-04	-1.7394e-01	-3.2326e-02	1.2861e-01
	-2.7643e-03	2.0625e-04	5.6214e-04	2.1171e-01	-1.3400e-02	9.3890e-02
	0.0000e+00	2.2593e-04	1.0513e-03	4.7823e-02	1.6089e-01	1.6150e-01
	0.0000e+00	-4.0901e-04	9.2556e-04	-3.6615e-02	-1.5530e-01	1.9238e-01
327	-3.5989e-03	2.0707e-04	4.2118e-04	-8.6722e-02	3.1872e-02	5.7346e-02
	-3.5989e-03	3.3174e-04	9.1293e-05	1.4856e-01	2.4418e-02	-7.9412e-02
	0.0000e+00	3.5170e-04	6.2262e-04	3.1257e-02	2.4163e-01	-7.0515e-02

	0.0000e+00	2.0960e-04	1.0371e-03	-1.7282e-02	1.9216e-01	7.0519e-02
326	-4.0136e-03	3.3313e-04	2.7023e-05	2.0728e-01	3.2309e-02	-1.3723e-01
	-4.0136e-03	2.1201e-04	-4.5246e-04	-1.1807e-01	2.4950e-02	-2.1220e-01
	0.0000e+00	2.1378e-04	-4.6760e-04	-2.2045e-02	9.1338e-02	-2.5148e-01
	0.0000e+00	3.3479e-04	-2.6510e-04	3.4812e-02	2.4225e-01	-1.7743e-01
325	-2.2058e-03	2.1457e-04	-3.0970e-04	2.8466e-01	3.6924e-02	-2.1127e-01
	-2.2058e-03	-4.7265e-05	3.2786e-04	-4.5659e-01	-1.5260e-01	-9.0157e-02
	0.0000e+00	-4.7265e-05	-2.1827e-04	-7.2531e-02	4.2989e-02	-1.4549e-01
	0.0000e+00	2.0658e-04	-8.1672e-04	3.0352e-02	6.7446e-02	-2.6691e-01
324	0.0000e+00	-3.8911e-04	1.1963e-03	-3.5226e-03	1.0560e-01	2.5915e-01
	0.0000e+00	8.1886e-04	7.7877e-04	5.0305e-03	-7.9227e-02	2.5615e-01
	-2.0194e-03	1.7807e-04	1.8462e-04	1.3005e-02	4.7748e-02	2.1659e-01
323	1.9898e-04	-1.4206e-03	-2.7170e-04	2.3545e-01	3.4241e-01	-1.1983e-01
	-3.5976e-05	3.2924e-05	7.6430e-05	2.2169e-02	1.9195e-02	-9.9980e-02
	-5.1922e-05	2.0537e-04	4.7576e-04	1.6151e-01	-1.0238e-01	-2.9078e-01
	-2.2903e-04	-1.3658e-03	-3.2045e-04	1.0558e-01	-2.2767e-01	-2.3038e-01
322	0.0000e+00	-9.0955e-05	-3.6931e-04	-9.7436e-03	1.4337e-01	3.7102e-01
	0.0000e+00	5.6592e-04	-1.2971e-03	-2.0215e-02	-7.3415e-02	3.9795e-01
	-2.3933e-03	2.8163e-04	-2.6676e-04	-7.8041e-02	-5.5177e-02	3.5301e-01
	-2.3933e-03	-1.5041e-04	2.9885e-04	4.1728e-02	-2.4194e-02	3.0051e-01
321	3.4965e-18	3.4887e-04	-1.1473e-03	1.1280e-02	-3.6216e-02	3.7002e-01
	3.5793e-18	6.6612e-04	-1.3652e-03	-9.7296e-02	-3.2880e-01	3.4005e-01
	-4.1207e-03	5.3455e-04	1.1075e-03	-3.7888e-02	-1.1161e-01	2.4789e-01
	-4.1207e-03	-3.4886e-04	6.0357e-04	-1.1335e-01	-9.2276e-02	2.7601e-01
320	0.0000e+00	-2.1738e-04	6.3347e-04	1.0821e-02	4.5813e-02	-1.9611e-01
	0.0000e+00	-7.2413e-05	-6.5046e-04	-7.5808e-03	-4.6956e-02	-1.8055e-01
	-3.8014e-03	-7.2413e-05	-1.8797e-04	-3.1673e-02	3.4113e-02	-1.7737e-01
	-3.8014e-03	1.2121e-04	6.0185e-04	2.1230e-02	-6.0706e-02	-1.9401e-01
319	0.0000e+00	-7.2413e-05	-5.0280e-04	1.7782e-02	-5.4841e-02	-1.9029e-01
	0.0000e+00	4.0898e-04	-5.6836e-04	-8.1584e-02	-1.6539e-01	-1.2989e-01

	-4.7615e-03	3.8168e-04	3.1656e-04	-2.2248e-01	-2.8827e-02	-1.2887e-01
	-4.7615e-03	-7.2413e-05	-4.5022e-04	2.9341e-02	-3.0369e-02	-1.5286e-01
318	0.0000e+00	1.4399e-04	2.8500e-04	-2.0377e-02	-2.1783e-01	-1.7794e-01
	0.0000e+00	-5.2517e-04	6.3900e-04	9.3979e-02	1.8798e-01	-2.2310e-01
	-3.7760e-03	-4.6118e-04	1.4080e-03	1.7423e-01	1.1392e-01	-1.8889e-01
	-3.7760e-03	3.6722e-04	1.6278e-04	-8.7481e-02	-1.4004e-01	-1.1842e-01
317	0.0000e+00	-7.4703e-04	-9.2508e-04	9.6642e-03	1.6107e-01	-3.3925e-01
	0.0000e+00	1.7566e-03	-1.5196e-03	1.2533e-02	-5.3071e-02	-3.6566e-01
	-2.4881e-03	5.4048e-04	-6.2118e-04	-1.3818e-01	-9.0635e-02	-2.9094e-01
	-2.4881e-03	-3.3635e-04	3.1689e-04	6.9435e-02	1.5501e-01	-2.5791e-01
316	0.0000e+00	2.0654e-04	5.1467e-04	-6.2396e-02	-1.6855e-01	-2.7932e-01
	0.0000e+00	-2.0457e-04	1.7614e-04	6.5746e-02	-6.1536e-02	-8.7740e-02
	-2.1524e-03	-2.0457e-04	9.0141e-04	4.0739e-01	1.8767e-01	-7.0160e-02
	-2.1524e-03	7.8519e-04	8.8060e-04	-2.6836e-01	-3.6987e-02	-2.3352e-01
315	0.0000e+00	1.9655e-04	-1.2786e-03	8.4184e-03	-8.5106e-02	-1.8493e-01
	0.0000e+00	8.3645e-05	9.5008e-04	7.8320e-03	3.5963e-02	-1.8672e-01
	-2.7972e-03	7.5115e-05	5.3706e-04	3.2477e-02	-4.6448e-02	-1.9876e-01
314	8.5387e-19	1.1016e-03	-1.2959e-03	-8.1042e-03	-6.7530e-02	3.5181e-01
	1.0107e-18	1.5368e-04	5.8510e-04	-9.4910e-03	-2.0479e-01	-3.2669e-01
	-2.2173e-03	3.8665e-04	-2.8712e-04	-3.4877e-02	-7.8496e-02	-1.7325e-01
313	2.8201e-04	1.9472e-03	-1.2211e-03	1.9978e-01	4.0159e-01	-1.0830e-01
	-2.2572e-04	6.6061e-05	1.3303e-04	-8.3703e-02	-5.8942e-02	-1.8548e-01
	-7.0735e-04	5.2799e-04	1.2235e-03	-2.6827e-01	-2.0000e-01	-2.2192e-01
	-9.7308e-04	1.6974e-03	-2.2420e-03	-1.1103e-01	-4.9532e-01	1.3156e-01
312	0.0000e+00	-2.7882e-04	-1.2718e-03	-1.5853e-02	-2.7174e-01	-2.7277e-01
	0.0000e+00	1.9992e-03	-3.3206e-03	2.9695e-02	8.8808e-02	-3.3288e-01
	-5.8878e-03	1.1224e-03	-1.9628e-03	1.0065e-01	5.7416e-02	-2.3647e-01
	-5.8878e-03	-1.0553e-03	9.0177e-04	-8.2711e-02	-1.7907e-01	-1.8008e-01
311	6.2684e-18	1.7399e-03	-3.0582e-03	-3.0125e-02	5.6550e-02	-3.2023e-01
	6.2282e-18	3.0094e-03	-3.5563e-03	2.2637e-01	8.0618e-01	-2.9157e-01

	-8.8128e-03	7.3935e-04	2.6333e-03	-1.4807e-01	-3.0151e-01	2.2731e-01
	-8.8128e-03	8.0795e-04	1.3100e-03	2.4937e-01	1.4854e-01	-1.8305e-01
310	0.0000e+00	-9.1919e-04	1.8405e-03	-7.4495e-02	-1.8539e-01	4.5647e-01
	0.0000e+00	1.9449e-04	-1.6300e-03	2.9149e-02	-1.0222e-01	-4.3864e-01
	-8.4154e-03	1.9449e-04	-6.4225e-04	1.0887e-01	-6.8539e-02	-3.7845e-01
	-8.4154e-03	-3.9453e-04	3.4749e-04	-2.1298e-01	1.4852e-01	3.9053e-01
309	0.0000e+00	1.9449e-04	-1.6605e-03	-4.2360e-02	-1.0366e-01	-3.9210e-01
	0.0000e+00	1.1744e-03	-1.2105e-03	1.1295e-01	2.2580e-01	-3.4695e-01
	-6.9724e-03	5.3480e-04	1.1147e-03	3.1950e-01	5.7674e-02	3.7465e-01
	-6.9724e-03	1.9449e-04	-7.4535e-04	-1.1271e-01	5.7674e-02	-3.9583e-01
308	0.0000e+00	-5.2111e-04	5.9716e-04	1.9954e-02	2.4764e-01	4.1415e-01
	0.0000e+00	-8.5528e-04	1.3284e-03	-9.1560e-02	-1.7468e-01	4.3378e-01
	-6.5467e-03	-9.8737e-04	1.3568e-03	-2.0256e-01	-1.0445e-01	3.8746e-01
	-6.5467e-03	8.2536e-04	5.3257e-04	8.3101e-02	-1.3174e-01	-3.6625e-01
307	0.0000e+00	-6.5967e-04	-1.5044e-03	-9.6229e-03	-1.2178e-01	-4.3615e-01
	0.0000e+00	-1.2579e-03	-1.2554e-03	-4.0514e-02	7.0559e-02	-4.3465e-01
	-6.6980e-03	1.0095e-03	1.8712e-03	1.3998e-01	1.1242e-01	-3.6959e-01
	-6.6980e-03	6.8631e-04	3.4909e-04	-4.2876e-02	-1.1733e-01	-3.7138e-01
306	0.0000e+00	2.2004e-04	1.5224e-03	6.8446e-02	1.5637e-01	3.1730e-01
	0.0000e+00	-3.2821e-04	2.8125e-04	-8.3826e-02	6.3499e-02	9.9416e-02
	-2.6996e-03	-3.2821e-04	9.0279e-04	-4.9038e-01	2.2922e-01	-1.0567e-01
	-2.6996e-03	7.2380e-04	1.7256e-03	3.4577e-01	2.3436e-02	-2.6934e-01
305	0.0000e+00	-1.0635e-03	-2.6115e-03	-1.6902e-02	2.0234e-01	5.3578e-01
	0.0000e+00	-5.2450e-04	1.6046e-03	-1.7192e-02	-2.2749e-01	4.6043e-01
	-5.3781e-03	-4.2996e-04	5.9795e-04	-6.7957e-02	1.3350e-01	3.4133e-01
304	-1.2614e-18	6.9169e-04	-1.2263e-03	7.9329e-03	-4.1496e-02	-3.4310e-01
	1.0817e-18	4.2169e-04	1.8647e-03	7.0051e-03	1.8806e-01	-3.4407e-01
	-3.9983e-03	2.9300e-04	7.9650e-04	2.9145e-02	8.4313e-02	-2.2080e-01
303	-2.6146e-04	-7.6504e-05	4.8044e-04	-1.6548e-01	5.4205e-02	2.3434e-01
	-3.0373e-04	3.3759e-03	3.1089e-04	2.0741e-01	5.0863e-01	1.8062e-01

	1.7977e-04	3.2513e-03	9.6214e-04	-2.3565e-02	-4.2902e-01	2.6642e-01
	2.3829e-04	-2.3931e-04	1.4844e-03	-9.2303e-02	-1.1057e-01	3.6605e-01
302	6.9389e-03	3.3119e-04	-4.5629e-04	-5.8744e-02	-9.6667e-02	-2.6337e-01
	6.9389e-03	-4.0676e-04	-5.5448e-04	2.2082e-01	4.2939e-02	-2.1670e-01
	0.0000e+00	-4.3748e-04	-6.6697e-04	6.4494e-02	-1.7414e-01	-2.1391e-01
	0.0000e+00	-3.4174e-04	-1.0619e-03	-1.3068e-02	-1.3588e-01	-2.8277e-01
301	6.5757e-03	-4.6831e-04	3.7072e-04	-6.8669e-02	9.5241e-02	-1.3315e-01
	6.5757e-03	2.6226e-04	9.2562e-04	-7.6951e-02	2.5984e-02	-6.6438e-02
	0.0000e+00	4.6911e-04	4.7152e-04	-3.1913e-02	6.1345e-02	-4.7110e-02
	0.0000e+00	-9.8456e-05	-2.6058e-04	5.5946e-03	-2.0427e-01	-9.0029e-02
300	-4.4435e-03	3.0060e-04	2.8688e-04	-3.6018e-02	-7.1665e-02	9.1554e-02
	-4.4435e-03	3.8409e-04	-8.8853e-04	-1.2785e-01	-6.6397e-02	1.3189e-01
	0.0000e+00	8.2261e-04	4.0435e-04	-5.3145e-02	-9.2267e-02	1.3036e-01
	0.0000e+00	5.0831e-04	3.6906e-04	1.1996e-02	-1.2048e-01	-8.7038e-02
299	2.4953e-03	2.2533e-04	3.2933e-04	-2.2333e-02	-7.1399e-02	1.9312e-01
	2.4953e-03	-3.3218e-04	-8.0096e-04	3.5650e-02	-1.7293e-02	2.1790e-01
	-2.5976e-18	-1.1161e-03	-1.3673e-03	-8.8650e-03	2.1719e-02	2.5098e-01
	-2.8626e-18	6.7821e-04	-4.7024e-04	4.4290e-03	-9.3934e-02	2.3606e-01
298	4.4135e-03	-3.3001e-04	7.3426e-04	2.9462e-02	3.2265e-02	1.6422e-01
	4.4135e-03	-2.8016e-04	6.1115e-04	1.1840e-01	1.3364e-01	1.4735e-01
	-1.8983e-18	-8.2333e-04	-1.7253e-03	5.0516e-02	1.3578e-01	2.1914e-01
	-2.0420e-18	-8.1919e-04	-1.2269e-03	-4.0510e-03	-1.4038e-02	2.4097e-01
297	5.6154e-03	-2.6403e-04	-1.0741e-03	1.1602e-01	1.1315e-01	-7.1927e-02
	5.6154e-03	-6.1432e-04	-6.2344e-04	5.5096e-02	-1.4593e-01	-1.0687e-01
	0.0000e+00	-6.7602e-04	1.1242e-03	-8.0647e-03	-1.0901e-01	-1.4442e-01
	0.0000e+00	-7.4304e-04	1.1764e-03	6.2005e-02	1.3476e-01	-1.0251e-01
296	-4.8085e-03	-4.8728e-04	9.0123e-04	-2.0372e-01	-8.8636e-02	-2.3263e-01
	-4.8085e-03	3.9915e-04	-2.2111e-04	-2.0395e-02	-6.1310e-02	-2.3312e-01
	1.0765e-18	7.5918e-04	-1.4205e-03	6.2524e-03	-8.2030e-02	-3.2412e-01
	1.0112e-18	-1.3321e-03	1.7215e-03	-7.7688e-02	-1.4087e-01	-2.9431e-01

295	-3.9104e-03	4.4849e-04	1.1627e-03	-1.0422e-01	-4.6264e-02	2.5023e-01
	-3.9104e-03	-4.2841e-04	-9.7536e-05	6.1356e-02	-9.4671e-02	1.8528e-01
	1.2008e-18	1.5981e-04	-5.9190e-04	8.4960e-03	1.8248e-01	2.3375e-01
	1.0342e-18	7.2947e-04	-1.4027e-03	-3.8482e-02	-6.9567e-02	2.8817e-01
294	4.3285e-03	-4.8099e-04	-4.1485e-04	2.0247e-01	4.4716e-02	1.1239e-01
	4.3285e-03	-2.2365e-04	1.6139e-04	5.4595e-02	5.7584e-02	-9.1072e-02
	0.0000e+00	-2.0173e-04	5.0024e-04	1.4149e-02	1.2708e-01	5.6954e-02
	0.0000e+00	5.0337e-04	-6.5504e-04	6.9227e-02	1.4194e-01	9.2781e-02
293	3.1970e-03	-1.8929e-04	3.2103e-04	1.1442e-01	1.2028e-02	-1.0412e-01
	3.1970e-03	-3.3144e-04	2.2214e-04	-8.2368e-02	3.9848e-02	-1.6062e-01
	0.0000e+00	-3.4740e-04	6.4140e-04	-1.4315e-02	-1.4966e-01	-1.5236e-01
	0.0000e+00	-3.3566e-04	6.8312e-04	3.3715e-02	9.3292e-02	-9.3806e-02
292	-2.2694e-03	-3.3534e-04	3.8090e-04	1.5704e-01	-1.3917e-02	-1.8565e-01
	-2.2694e-03	1.9214e-04	-5.5420e-04	-1.2544e-01	-1.5865e-02	1.9823e-01
	0.0000e+00	2.1677e-04	1.1003e-03	-3.0485e-02	-8.4668e-02	-2.4680e-01
	0.0000e+00	-4.4088e-04	8.9136e-04	4.0744e-02	-1.3396e-01	-2.2982e-01
291	-5.0896e-03	1.9037e-04	-4.2971e-04	-7.5841e-02	-2.0985e-02	1.8518e-01
	-5.0896e-03	-3.2885e-04	-1.9282e-04	1.6287e-01	1.2977e-02	1.1192e-01
	0.0000e+00	-3.5698e-04	-6.7385e-04	3.4525e-02	-1.9445e-01	1.4664e-01
	0.0000e+00	1.9883e-04	-1.0593e-03	-1.6882e-02	-9.9037e-02	2.1892e-01
290	-6.5968e-03	-3.3079e-04	-1.5836e-04	-9.9393e-02	2.3531e-02	7.4064e-02
	-6.5968e-03	-2.5362e-04	1.8201e-04	-8.2588e-02	1.5343e-02	9.8559e-02
	0.0000e+00	-2.5666e-04	2.7871e-04	-1.7433e-02	-1.9067e-01	9.5621e-02
	0.0000e+00	-3.3023e-04	-3.3865e-04	-1.7064e-02	-2.1003e-01	5.9578e-02
289	-5.4739e-03	-2.5460e-04	1.4641e-04	1.6119e-01	-2.2067e-02	1.4577e-01
	-5.4739e-03	1.1703e-04	5.5641e-04	-9.5734e-02	-2.9027e-02	2.0914e-01
	0.0000e+00	1.1688e-04	8.7569e-04	-1.9187e-02	-1.3346e-01	2.2657e-01
	0.0000e+00	-2.4335e-04	4.1489e-04	2.7005e-02	-1.9005e-01	1.6409e-01
288	-2.4731e-03	1.1775e-04	5.0350e-04	-2.9149e-01	-5.1455e-02	2.0817e-01
	-2.4731e-03	-2.0457e-04	2.9187e-04	4.4323e-01	1.5590e-01	1.0094e-01

	0.0000e+00	-2.0457e-04	3.2427e-04	7.1110e-02	-1.8897e-01	1.5787e-01
	0.0000e+00	1.1334e-04	-1.0412e-03	-3.2129e-02	-1.2951e-01	2.6542e-01
287	0.0000e+00	-4.6113e-04	9.9889e-04	4.0910e-03	1.2747e-01	1.0485e-01
	0.0000e+00	-4.3204e-04	-1.5994e-03	1.2303e-03	6.0333e-02	9.5429e-02
	2.8848e-03	-1.6930e-04	9.6898e-05	7.7527e-03	6.6133e-02	6.1932e-02
262	0.0000e+00	0.0000e+00	0.0000e+00	-7.8521e-02	-1.1365e-01	2.1124e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4014e-01	-1.3698e-01	3.4942e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1477e-01	-3.0336e-01	4.7751e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.3658e-01	-1.2561e-01	3.2086e-01
261	0.0000e+00	0.0000e+00	0.0000e+00	-2.6045e-01	-3.5969e-01	3.2371e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.8129e-01	-5.6892e-01	1.4154e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.6410e-01	-2.8020e-01	-2.5073e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2487e-01	-2.1276e-01	4.2027e-01
260	0.0000e+00	0.0000e+00	0.0000e+00	3.3172e-01	-5.3973e-01	7.9644e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.0455e-01	-5.9055e-01	7.7333e-02
	0.0000e+00	0.0000e+00	0.0000e+00	4.1955e-01	-4.2717e-01	1.1772e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.7095e-01	-3.4471e-01	1.5886e-01
259	0.0000e+00	0.0000e+00	0.0000e+00	-4.0061e-01	-6.7092e-01	1.0632e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9943e-01	-3.7653e-01	3.5235e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.6193e-01	-5.1392e-01	4.2536e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.1879e-01	-4.0675e-01	1.9127e-01
258	0.0000e+00	0.0000e+00	0.0000e+00	-7.0239e-01	-6.1040e-01	-7.5683e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7680e+00	-2.1527e+00	5.5155e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.0792e-01	2.9763e-01	5.9843e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.4345e-01	9.3875e-01	-1.3357e-01
257	0.0000e+00	0.0000e+00	0.0000e+00	2.8232e+00	2.5359e+00	5.2733e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.2282e-01	1.2863e+00	-2.4112e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.1471e-01	-1.0731e+00	-9.8846e-02
	0.0000e+00	0.0000e+00	0.0000e+00	6.2589e-01	-4.4679e-01	5.4498e-01
256	0.0000e+00	0.0000e+00	0.0000e+00	3.8625e-01	1.0362e+00	-2.0632e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-3.1381e-01	-9.5870e-01	-2.1141e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.0181e-01	-1.2796e+00	-1.3105e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.2966e-01	-1.1427e+00	-1.0256e-01
255	0.0000e+00	0.0000e+00	0.0000e+00	-5.5133e-01	-1.2406e+00	-4.2704e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9883e+00	-2.9245e+00	4.8349e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.3248e-01	2.3624e-01	2.5044e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.9491e-01	1.2588e+00	-1.1186e-01
254	0.0000e+00	0.0000e+00	0.0000e+00	1.1609e+00	2.7706e+00	4.3085e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.8311e-01	9.4559e-01	-6.1109e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.4788e-01	-1.2980e+00	-1.9300e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.6325e-01	-5.1066e-01	2.9223e-01
253	0.0000e+00	0.0000e+00	0.0000e+00	-2.3340e-01	7.5294e-01	-3.9329e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.7988e-01	-7.4345e-01	-3.8296e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.6516e-01	8.8790e-01	-1.6372e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.2310e-01	-1.1507e+00	-1.7388e-01
252	0.0000e+00	0.0000e+00	0.0000e+00	-8.1205e-01	-9.8631e-01	-4.7703e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.8068e+00	-1.6755e+00	6.3918e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.6216e-01	4.4678e-01	1.0229e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1900e+00	8.3921e-01	-8.1624e-02
251	0.0000e+00	0.0000e+00	0.0000e+00	3.5086e+00	1.6588e+00	8.3872e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.2165e-01	1.0081e+00	-6.9942e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.1878e-01	-8.1162e-01	-1.2348e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1416e-01	-6.5357e-01	1.0132e+00
250	0.0000e+00	0.0000e+00	0.0000e+00	4.8279e-01	6.4367e-01	-3.5958e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6953e-01	2.5804e-01	-2.6947e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.3371e-01	-2.2325e-01	-1.7612e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.5613e-01	-5.5912e-01	-2.7103e-01
249	0.0000e+00	0.0000e+00	0.0000e+00	-1.3197e-01	2.9480e-01	1.6206e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2901e-01	2.5548e-01	-9.2272e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4630e-01	1.6605e-01	-1.5866e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-4.0014e-01	2.8729e-01	1.1776e-01
248	0.0000e+00	0.0000e+00	0.0000e+00	-2.2765e-01	2.3860e-01	-1.7770e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1908e-01	1.2995e-01	-3.1193e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3196e-01	2.2914e-02	-3.9183e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.1371e-01	1.0380e-01	-2.5169e-01
247	0.0000e+00	0.0000e+00	0.0000e+00	-1.4640e-01	-2.7566e-02	-3.2619e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.0322e-02	-2.3683e-02	-2.2340e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6011e-01	-7.3898e-02	-2.8111e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.9525e-02	1.0488e-01	-3.8848e-01
246	0.0000e+00	0.0000e+00	0.0000e+00	6.9494e-02	2.0922e-01	3.2547e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.5094e-02	-2.8122e-01	5.6062e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.5401e-01	1.1605e+00	7.8428e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5477e-01	2.2676e-01	5.6011e-01
245	0.0000e+00	0.0000e+00	0.0000e+00	6.1735e-01	-9.3020e-01	-3.0258e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.0501e-02	-1.9509e-01	-6.4224e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.3356e-01	-3.2917e-01	-2.4948e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.8537e-01	-3.8342e-01	2.1316e-01
244	0.0000e+00	0.0000e+00	0.0000e+00	-2.9037e-01	2.8546e-01	-1.7813e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3902e-01	1.9287e-01	-1.9804e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5875e-01	-1.2079e-01	-2.1947e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1344e-01	-2.8310e-01	-1.9399e-01
243	0.0000e+00	0.0000e+00	0.0000e+00	1.0747e-01	1.8504e-01	-1.8342e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6292e-01	-3.5099e-01	2.9795e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.3088e-01	1.0741e+00	4.8966e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.5414e-01	1.3213e-01	3.2168e-01
242	0.0000e+00	0.0000e+00	0.0000e+00	6.0645e-01	-9.1666e-01	1.7860e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.3248e-02	-2.3073e-01	-3.8665e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.8722e-01	-3.7303e-01	1.8583e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.2395e-01	-3.6363e-01	4.0334e-01
241	0.0000e+00	0.0000e+00	0.0000e+00	-3.6324e-01	2.6725e-01	-2.2849e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-1.3534e-01	-4.4064e-01	-2.0317e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.0741e-01	4.2783e-01	-2.2080e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4804e-01	-3.5333e-01	-2.3580e-01
240	0.0000e+00	0.0000e+00	0.0000e+00	4.4022e-01	-6.4440e-01	-2.6079e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.5508e-01	-3.7892e-01	6.8217e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0564e+00	1.7827e+00	3.1499e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.6801e-01	3.9406e-01	-5.0471e-01
239	0.0000e+00	0.0000e+00	0.0000e+00	-2.1157e+00	-1.4703e+00	-1.0390e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.2655e-01	-3.6713e-01	-4.9485e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.6873e-01	-2.8087e-01	3.3950e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.7146e-01	-3.6801e-01	9.0772e-01
238	0.0000e+00	0.0000e+00	0.0000e+00	-1.4074e+00	-1.3185e+00	-1.8116e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2035e-01	-6.7281e-01	-2.0669e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.5421e-01	-5.0174e-01	2.7997e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.3736e-01	1.4637e-01	-1.7743e-01
237	0.0000e+00	0.0000e+00	0.0000e+00	2.8000e-01	-1.1774e-01	6.5423e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.8232e-01	-1.0897e+00	4.1027e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7354e-01	-2.3032e-01	-1.7027e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.8425e-02	-6.2753e-01	3.4902e-01
236	0.0000e+00	0.0000e+00	0.0000e+00	1.8623e-01	-2.6293e-01	4.4216e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.9318e-01	-1.1574e+00	-1.8320e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.6911e-01	-4.6483e-01	-2.8614e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8695e-01	-8.2046e-01	1.9548e-01
235	0.0000e+00	0.0000e+00	0.0000e+00	-1.4222e+00	-1.3373e+00	-3.6979e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.9872e-01	-7.4682e-01	-2.1304e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.5471e-01	-6.5030e-01	-7.9976e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.2614e-01	3.0519e-01	-2.2077e-01
234	0.0000e+00	0.0000e+00	0.0000e+00	3.4440e-01	8.5942e-01	3.3260e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7926e+00	2.3929e+00	-3.7816e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.3817e-01	-3.2878e-01	-2.5575e-01

	0.0000e+00	0.0000e+00	0.0000e+00	6.3197e-01	-8.7327e-01	1.2346e-01
233	0.0000e+00	0.0000e+00	0.0000e+00	-1.0200e+00	-2.2048e+00	-6.2931e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.0578e-01	-4.5754e-01	9.0160e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8422e-01	8.2626e-01	3.2442e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.7430e-01	1.7320e-01	-2.7128e-01
232	0.0000e+00	0.0000e+00	0.0000e+00	5.0817e-01	-5.6045e-01	1.9477e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.2510e-01	-6.2957e-01	1.3380e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.1083e-01	-5.1527e-01	-1.1112e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.6499e-01	-5.4454e-01	-1.3546e-01
231	0.0000e+00	0.0000e+00	0.0000e+00	-3.2313e-01	4.7835e-01	1.8427e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.6046e-01	-5.1823e-01	2.0777e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5973e-01	-5.0591e-01	-1.6521e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2504e-01	4.2071e-01	-1.5989e-01
230	0.0000e+00	0.0000e+00	0.0000e+00	4.1181e-01	-6.4837e-01	-1.1713e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.0315e-01	-6.5419e-01	-1.3088e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.3112e-01	-5.5378e-01	1.4583e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.7212e-01	-5.1469e-01	1.3027e-01
229	0.0000e+00	0.0000e+00	0.0000e+00	-6.1851e-01	-7.2190e-01	9.7067e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.8577e-01	-7.8910e-01	7.1761e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.1255e-01	-5.1971e-01	-9.8524e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.0666e-01	-5.2066e-01	-1.2659e-01
228	0.0000e+00	0.0000e+00	0.0000e+00	-5.3146e-01	-7.8281e-01	9.2563e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.4283e-01	-7.4294e-01	-1.3966e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.7907e-01	-5.3269e-01	-1.6375e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.5034e-01	-5.2635e-01	-1.0069e-01
227	0.0000e+00	0.0000e+00	0.0000e+00	-4.2621e-01	-6.7104e-01	-1.8502e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.6922e-01	-5.0011e-01	-6.7571e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.0690e-01	-4.5124e-01	2.3503e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5014e-01	-5.1986e-01	1.9814e-01
226	0.0000e+00	0.0000e+00	0.0000e+00	-7.8704e-01	-4.8750e-01	2.5130e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-4.2385e-01	-4.7407e-01	3.5420e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.0780e-01	-4.1952e-01	2.6657e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.4651e-01	-4.1796e-01	1.7931e-01
225	0.0000e+00	0.0000e+00	0.0000e+00	-1.9814e-01	-4.1902e-01	3.5524e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.9868e-01	-4.3416e-01	2.0335e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.2971e-02	-4.1185e-01	-1.4947e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4923e-01	-4.4909e-01	2.7657e-01
224	0.0000e+00	0.0000e+00	0.0000e+00	-3.5191e-01	-4.8816e-01	2.5647e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8555e-01	-2.7914e-01	2.3071e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4055e-01	-7.4668e-01	2.2406e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.1820e-01	-5.4967e-01	2.5325e-01
223	0.0000e+00	0.0000e+00	0.0000e+00	-2.6967e-01	-6.3360e-01	-1.6015e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.1848e-01	-6.2063e-01	-1.5029e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.4726e-01	-8.7494e-01	1.5368e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4252e-01	-7.3276e-01	8.0391e-02
222	0.0000e+00	0.0000e+00	0.0000e+00	-1.6951e-01	-1.8470e-01	-3.1907e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4155e-01	-1.7274e-01	-2.6641e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.9401e-01	-4.1360e-01	-5.3905e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1686e-01	-5.9638e-01	-6.1948e-01
221	0.0000e+00	0.0000e+00	0.0000e+00	-1.5517e-01	-3.0639e-01	-2.5530e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.4424e-01	-3.7021e-01	-1.2090e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.5770e-01	-4.1320e-01	-2.4241e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.3721e-01	-3.8137e-01	-2.4730e-01
220	0.0000e+00	0.0000e+00	0.0000e+00	2.1873e-01	-4.7273e-01	-8.1088e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.9954e-01	-6.0324e-01	7.4773e-02
	0.0000e+00	0.0000e+00	0.0000e+00	2.6938e-01	-6.0780e-01	1.9393e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.3646e-01	-3.6361e-01	-2.7248e-01
219	0.0000e+00	0.0000e+00	0.0000e+00	-3.6555e-01	-7.6151e-01	8.7909e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0938e-01	-4.2071e-01	4.6153e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.4941e-01	-8.4247e-01	5.1622e-01

	0.0000e+00	0.0000e+00	0.0000e+00	7.4454e-01	-6.6071e-01	1.6107e-01
218	0.0000e+00	0.0000e+00	0.0000e+00	-1.3121e+00	-8.6880e-01	-7.7058e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6714e+00	-2.7796e+00	1.0218e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.0009e-01	3.7380e-01	1.0132e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0127e+00	1.0150e+00	-1.8633e-01
217	0.0000e+00	0.0000e+00	0.0000e+00	3.1029e+00	2.9729e+00	8.7266e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0314e+00	1.2366e+00	-4.4145e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.6407e-01	-1.1032e+00	-1.8105e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.7461e-01	-5.9992e-01	9.5649e-01
216	0.0000e+00	0.0000e+00	0.0000e+00	6.8222e-01	8.2875e-01	-2.8154e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.7884e-01	5.5529e-01	-2.9989e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.5658e-01	1.1401e+00	-1.4068e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.1676e-01	1.0173e+00	-1.4161e-01
215	0.0000e+00	0.0000e+00	0.0000e+00	-9.6003e-01	6.2752e-01	-4.2163e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.7690e-01	2.1200e+00	3.9613e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0787e-01	3.0156e-01	3.4837e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5784e-01	1.1100e+00	-1.8133e-01
214	0.0000e+00	0.0000e+00	0.0000e+00	1.5527e+00	1.9570e+00	8.6114e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1962e-01	6.9789e-01	-6.9632e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5117e-01	-5.3503e-01	-2.1945e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8739e-01	-2.2388e-01	3.7557e-01
213	0.0000e+00	0.0000e+00	0.0000e+00	-2.3939e-01	6.1060e-01	-2.5552e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.1838e-01	4.0716e-01	-3.0995e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.6451e-01	6.9750e-01	-2.4613e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5316e-01	-5.5188e-01	-2.0972e-01
212	0.0000e+00	0.0000e+00	0.0000e+00	-8.4318e-01	4.0107e-01	-3.3454e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2421e+00	1.4605e+00	2.8718e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.8875e-01	2.7058e-01	2.6829e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.0970e-01	7.9805e-01	-2.1010e-01
211	0.0000e+00	0.0000e+00	0.0000e+00	1.2657e+00	1.6049e+00	5.3182e-01

	0.0000e+00	0.0000e+00	0.0000e+00	3.6457e-01	5.9692e-01	-4.9126e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.9170e-01	-4.1953e-01	-2.6528e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7375e-01	-2.3698e-01	2.3655e-01
210	0.0000e+00	0.0000e+00	0.0000e+00	1.2216e-01	3.4927e-01	-3.0194e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7674e-01	1.3041e-01	-2.5743e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6704e-01	2.0233e-01	-2.2739e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.1054e-02	-3.4788e-01	-2.8147e-01
209	0.0000e+00	0.0000e+00	0.0000e+00	-9.0797e-02	1.1836e-01	2.1869e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3914e-01	1.3399e-01	1.2535e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6811e-01	1.2622e-01	1.9045e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4495e-01	7.4156e-02	2.7607e-01
208	0.0000e+00	0.0000e+00	0.0000e+00	-1.7296e-01	1.8128e-01	8.6998e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2559e-01	2.3561e-01	-1.5153e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8423e-01	3.3999e-01	-7.6887e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6648e-01	8.1179e-02	1.6028e-01
207	0.0000e+00	0.0000e+00	0.0000e+00	2.3491e-01	-1.3631e-01	-1.6734e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.4951e-01	-2.0766e-01	-2.3416e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.2148e-01	4.7778e-01	-3.3653e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.9221e-01	4.9409e-01	-2.6034e-01
206	0.0000e+00	0.0000e+00	0.0000e+00	1.0481e-01	8.4557e-01	-7.2118e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.0838e+00	1.7415e+00	-7.7820e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5058e+00	1.0981e+00	-8.8148e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1128e+00	5.0337e-01	2.8843e-01
205	0.0000e+00	0.0000e+00	0.0000e+00	1.4977e+00	-1.7768e+00	1.5816e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.9927e+00	-3.9189e+00	9.3972e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.7032e-01	-7.9936e-01	-3.1371e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.4960e-01	-1.5042e+00	6.9452e-01
204	0.0000e+00	0.0000e+00	0.0000e+00	-1.0701e+00	-4.4956e-01	-3.5998e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0725e-01	4.5096e-01	-6.0141e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.8854e-01	-6.2051e-01	5.3264e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-8.9236e-01	-4.9212e-01	-2.8224e-01
203	0.0000e+00	0.0000e+00	0.0000e+00	1.3604e-01	7.8021e-01	7.8781e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.6116e-01	-1.6115e+00	4.6470e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2022e+00	1.7266e+00	4.9649e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.5291e-01	6.8776e-01	8.9432e-01
202	0.0000e+00	0.0000e+00	0.0000e+00	1.5762e+00	-1.3258e+00	4.8802e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6370e+00	-1.6598e+00	-2.2343e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.9444e-01	-5.0480e-01	-6.8809e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.3416e-01	-9.3134e-01	-5.7784e-01
201	0.0000e+00	0.0000e+00	0.0000e+00	-3.5998e-01	-5.9058e-01	-3.9009e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.9045e-01	4.2254e-01	-2.9507e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.4054e-01	5.2291e-01	3.2055e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.2063e-01	-5.9813e-01	4.2339e-01
200	0.0000e+00	0.0000e+00	0.0000e+00	3.6096e-01	7.9934e-01	4.3877e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.6005e+00	1.1235e+00	5.3805e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0953e+00	-7.1809e-01	-7.0696e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1803e+00	7.0201e-01	4.5832e-01
199	0.0000e+00	0.0000e+00	0.0000e+00	1.7642e+00	-1.0873e+00	1.5122e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8872e+00	-2.0999e+00	9.4817e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.8880e-01	-4.6430e-01	-8.3463e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.5022e-01	-6.1639e-01	-8.7567e-01
198	0.0000e+00	0.0000e+00	0.0000e+00	-2.0614e+00	-1.0815e+00	-6.7351e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0447e+00	-6.2574e-01	-4.2671e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.3667e-01	-4.4962e-01	1.4302e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1098e+00	3.0408e-01	-1.9731e-01
197	0.0000e+00	0.0000e+00	0.0000e+00	-3.4399e-01	-2.5925e-01	2.8394e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.5840e-01	-4.8225e-01	3.3848e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.7136e-01	-2.7265e-01	-1.8840e-01
196	0.0000e+00	0.0000e+00	0.0000e+00	8.3187e-01	1.0768e+00	4.3900e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7475e+00	-2.9539e+00	-6.0500e-01

	0.0000e+00	0.0000e+00	0.0000e+00	3.5375e-01	-2.9480e-01	-2.8998e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.2620e-01	-1.0540e+00	9.5056e-02
195	0.0000e+00	0.0000e+00	0.0000e+00	-1.4371e+00	-2.8498e+00	-5.0407e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0825e+00	-9.8478e-01	7.0987e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4333e-01	1.1373e+00	2.9247e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.6078e-01	4.7192e-01	-2.9878e-01
194	0.0000e+00	0.0000e+00	0.0000e+00	1.1053e+00	1.0303e+00	3.6830e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3845e+00	2.2784e+00	-2.4714e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.3935e-01	-2.1829e-01	-3.0525e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.5723e-01	-9.3965e-01	2.4584e-01
193	0.0000e+00	0.0000e+00	0.0000e+00	-1.6041e+00	2.1547e+00	-6.6317e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.2209e-01	-6.5510e-01	6.4194e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.5575e-01	4.2792e-01	2.9018e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.3752e-01	3.8740e-01	-2.2950e-01
192	0.0000e+00	0.0000e+00	0.0000e+00	4.3891e-01	5.0417e-01	4.2664e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.0599e-01	-6.0466e-01	2.8110e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.8449e-01	-6.1608e-01	1.9289e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.0639e-01	-5.0759e-01	2.5364e-01
191	0.0000e+00	0.0000e+00	0.0000e+00	-6.9028e-01	3.8258e-01	4.2645e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.8461e-01	-5.0040e-01	4.7647e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5412e-01	4.1938e-01	2.6968e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.1430e-01	2.3775e-01	-2.1207e-01
190	0.0000e+00	0.0000e+00	0.0000e+00	5.1273e-01	-5.9225e-01	-1.5275e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.1818e-01	5.4410e-01	-1.1021e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.3363e-01	-7.2726e-01	1.5222e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.2500e-01	-6.0679e-01	1.9913e-01
189	0.0000e+00	0.0000e+00	0.0000e+00	-2.9381e-01	5.6449e-01	2.1317e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8946e-01	5.3236e-01	2.0282e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5828e-01	-5.8573e-01	9.4110e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5126e-01	-6.9473e-01	1.1199e-01

188	0.0000e+00	0.0000e+00	0.0000e+00	3.0715e-01	4.6972e-01	2.1236e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4584e-01	-3.0208e-01	2.6087e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.9808e-01	-4.2356e-01	-2.0490e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4999e-01	-5.3438e-01	-1.4158e-01
187	0.0000e+00	0.0000e+00	0.0000e+00	-3.5248e-01	-4.1380e-01	-2.0231e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.1424e-01	4.4745e-01	-3.0272e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.3176e-01	-3.1639e-01	-3.6911e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.0194e-01	-4.1162e-01	2.6764e-01
186	0.0000e+00	0.0000e+00	0.0000e+00	-3.4093e-01	4.0816e-01	-2.5796e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3957e-01	-3.6469e-01	-1.9805e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.0684e-01	-2.5428e-01	-4.4230e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.4801e-01	-2.8305e-01	-5.1119e-01
185	0.0000e+00	0.0000e+00	0.0000e+00	-2.5239e-01	3.6293e-01	-1.7915e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4360e-01	-1.8158e-01	-1.8815e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.9550e-02	-2.0573e-01	-2.7796e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8932e-01	-2.0814e-01	-2.8028e-01
184	0.0000e+00	0.0000e+00	0.0000e+00	-8.5786e-01	-5.6982e-01	3.0782e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.0009e-01	-7.0370e-01	2.7575e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1976e-01	-1.0454e+00	1.2869e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.9697e-01	-5.9725e-01	6.1951e-02
183	0.0000e+00	0.0000e+00	0.0000e+00	-5.9883e-01	-9.0031e-01	2.8246e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.0072e-01	-9.0383e-01	3.1280e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.7394e-01	-1.0096e+00	2.1361e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.7009e-01	-1.0955e+00	1.5554e-01
182	0.0000e+00	0.0000e+00	0.0000e+00	-6.0034e-01	-5.2982e-01	-7.0490e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.7030e-01	-6.4932e-01	-4.3455e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.0680e-01	-1.8369e+00	-9.6791e-01
181	0.0000e+00	0.0000e+00	0.0000e+00	2.6916e-01	-3.0389e-01	-5.1209e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6071e-01	-3.7495e-01	9.5407e-02
	0.0000e+00	0.0000e+00	0.0000e+00	9.5337e-01	-3.2029e-01	2.5332e-01

	0.0000e+00	0.0000e+00	0.0000e+00	9.6943e-01	-8.1897e-01	2.4001e-01
180	0.0000e+00	0.0000e+00	0.0000e+00	-3.2439e-01	-1.4468e-01	4.0476e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7376e-01	-3.5653e-01	-3.4233e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.7078e-01	-8.3619e-01	-7.0227e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.9223e-01	-9.9350e-01	7.9684e-01
179	0.0000e+00	0.0000e+00	0.0000e+00	-3.7542e-01	-5.8453e-01	-3.1829e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.1928e-01	-6.3854e-01	-7.8922e-02
	0.0000e+00	0.0000e+00	0.0000e+00	5.3218e-01	-5.8713e-01	-1.3401e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.2398e-01	-7.3870e-01	-2.6050e-01
178	0.0000e+00	0.0000e+00	0.0000e+00	3.0649e-01	-5.4497e-01	-1.3020e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.5212e-01	-4.8037e-01	1.1449e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.1499e-01	-3.5745e-01	2.1457e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.9711e-01	-5.2210e-01	-1.8477e-01
177	0.0000e+00	0.0000e+00	0.0000e+00	2.3638e-01	-5.1356e-01	1.5226e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8626e-01	-2.6297e-01	3.6283e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1264e-01	-4.0752e-01	5.0271e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.7382e-01	-3.7288e-01	3.0300e-01
176	0.0000e+00	0.0000e+00	0.0000e+00	-6.9715e-01	3.5283e-01	-9.0284e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1992e+00	2.3763e+00	8.0012e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.2944e-01	2.8364e-01	4.7715e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.1690e-01	8.8048e-01	-3.0050e-01
175	0.0000e+00	0.0000e+00	0.0000e+00	1.4656e+00	2.3999e+00	4.5569e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.9717e-01	6.6231e-01	-5.5302e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.2104e-01	-1.0862e+00	-2.0933e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.2688e-01	-2.3818e-01	5.0079e-01
174	0.0000e+00	0.0000e+00	0.0000e+00	1.9020e-01	4.8510e-01	-2.4817e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.0677e-01	5.8416e-01	-2.1350e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.2678e-01	1.0427e+00	-1.2034e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.5456e-01	1.0124e+00	-1.8612e-01
173	0.0000e+00	0.0000e+00	0.0000e+00	-6.8996e-01	-8.3354e-01	-5.6227e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-2.5212e+00	-2.7179e+00	7.2525e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.5678e-01	5.1688e-01	5.5875e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.9412e-01	1.0884e+00	-1.1824e-01
172	0.0000e+00	0.0000e+00	0.0000e+00	1.9451e+00	2.5196e+00	5.8937e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.5362e-01	6.8356e-01	-8.9040e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.8372e-01	-1.1369e+00	-2.1909e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.8893e-01	1.5146e-01	6.1747e-01
171	0.0000e+00	0.0000e+00	0.0000e+00	5.5164e-01	3.9760e-01	-5.1875e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.6967e-01	5.4359e-01	-4.1087e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.0827e-01	4.3375e-01	-1.8874e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.0845e-01	-1.1075e+00	-2.8599e-01
170	0.0000e+00	0.0000e+00	0.0000e+00	-2.7747e-01	-3.0310e-01	3.1352e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.0993e-01	-5.4414e-01	3.3987e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1297e-01	-4.3347e-01	2.8435e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.6344e-01	-6.4561e-01	2.3741e-01
169	0.0000e+00	0.0000e+00	0.0000e+00	1.1511e+00	1.3561e+00	3.6948e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6372e-01	6.6876e-01	3.0404e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.4635e-01	-1.9667e-01	-2.9065e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2669e-01	-6.3879e-01	2.1000e-01
168	0.0000e+00	0.0000e+00	0.0000e+00	2.2941e-01	4.6833e-01	-3.7580e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.9252e-01	3.4867e-01	4.0051e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1357e-01	1.6712e-01	-3.1887e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.6609e-01	1.5810e-01	-3.4710e-01
167	0.0000e+00	0.0000e+00	0.0000e+00	-2.1927e-01	1.8840e-01	3.0545e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5667e-01	1.8990e-01	1.7911e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5792e-01	1.9682e-01	2.0116e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1407e-01	-1.3769e-01	3.2543e-01
166	0.0000e+00	0.0000e+00	0.0000e+00	-1.4091e-01	1.5521e-01	-1.5225e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5341e-01	2.2882e-01	-1.4241e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8440e-01	1.5976e-01	-1.2868e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-2.0274e-01	8.6283e-02	-1.6327e-01
165	0.0000e+00	0.0000e+00	0.0000e+00	1.3701e-01	-1.5065e-01	-1.7909e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6767e-01	-1.9789e-01	2.3674e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.5637e-01	1.1471e-01	-3.1620e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8932e-01	2.1096e-01	-2.7124e-01
164	0.0000e+00	0.0000e+00	0.0000e+00	2.1945e-01	4.5199e-01	-6.8068e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1696e+00	1.3426e+00	6.5932e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.0630e-01	5.8166e-01	1.6455e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.2318e-01	3.6076e-01	3.1070e-01
163	0.0000e+00	0.0000e+00	0.0000e+00	5.3693e-01	-1.0551e+00	-3.0899e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.3996e-01	-8.8982e-01	-2.5195e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.8487e-01	-1.1916e+00	3.0464e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6398e+00	-1.3158e+00	-5.5650e-01
162	0.0000e+00	0.0000e+00	0.0000e+00	-6.3195e-01	3.8474e-01	-2.3882e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7848e-01	2.9361e-01	4.0223e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.4385e-01	-8.1331e-01	3.7457e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4849e-01	-4.4538e-01	2.0762e-01
161	0.0000e+00	0.0000e+00	0.0000e+00	-2.9693e-01	5.0723e-01	8.2616e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3099e+00	2.1737e+00	8.9142e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0158e+00	1.0668e+00	3.3575e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.4631e-01	9.9337e-01	4.6323e-01
160	0.0000e+00	0.0000e+00	0.0000e+00	9.3910e-01	-1.4816e+00	4.7678e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.3068e+00	-1.1801e+00	-3.6845e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.3147e-01	-6.0156e-01	5.6995e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0979e+00	-3.7879e-01	4.1477e-01
159	0.0000e+00	0.0000e+00	0.0000e+00	-4.8966e-01	5.6536e-01	-3.3589e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.5973e-01	7.9239e-01	-4.4337e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.0964e-01	8.5891e-01	4.8257e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2065e-01	8.5026e-01	-2.9222e-01
158	0.0000e+00	0.0000e+00	0.0000e+00	8.5270e-01	1.0728e+00	6.9811e-01

	0.0000e+00	0.0000e+00	0.0000e+00	2.9744e+00	1.7373e+00	5.7267e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.6114e+00	1.4004e+00	-1.5648e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.4974e-01	1.0134e+00	-7.2390e-01
157	0.0000e+00	0.0000e+00	0.0000e+00	-1.4147e+00	-2.6340e+00	1.0608e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0051e+00	-2.9289e+00	-5.6783e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.7821e-01	-1.1597e+00	-1.0716e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0013e+00	-1.0205e+00	-8.9595e-01
156	0.0000e+00	0.0000e+00	0.0000e+00	-2.3837e-01	-3.3897e-01	-2.6218e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1629e-01	-2.6867e-01	-2.7629e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.3939e-01	3.0567e-01	-3.8304e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.0681e-01	4.2363e-01	-3.7283e-01
155	0.0000e+00	0.0000e+00	0.0000e+00	3.0318e-01	-5.3991e-01	1.6300e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.7944e-01	-5.4116e-01	3.6975e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1429e+00	-6.8854e-01	3.9289e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.0011e-01	-3.5936e-01	-1.9396e-01
154	0.0000e+00	0.0000e+00	0.0000e+00	5.9005e-01	-7.0565e-01	4.5564e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.2540e-01	-1.4846e+00	2.6187e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7075e-01	-4.2486e-01	-3.6495e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6691e-01	-6.3711e-01	2.3601e-01
153	0.0000e+00	0.0000e+00	0.0000e+00	-1.7898e+00	-1.4927e+00	-4.1523e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8578e-01	-1.0247e+00	-3.0353e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.1668e-01	-6.4444e-01	1.9620e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.7628e-01	5.5206e-01	-2.4425e-01
152	0.0000e+00	0.0000e+00	0.0000e+00	1.2715e+00	1.1542e+00	5.9344e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.6570e+00	2.8180e+00	-4.9351e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.4776e-01	-5.4962e-01	-7.8373e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.5949e-01	-1.0539e+00	1.7939e-01
151	0.0000e+00	0.0000e+00	0.0000e+00	-3.2615e+00	2.7060e+00	-7.3597e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1514e+00	-9.6305e-01	7.6497e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.2740e-01	6.8938e-01	2.3390e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-8.6395e-01	8.3842e-01	-6.6197e-01
150	0.0000e+00	0.0000e+00	0.0000e+00	4.5883e-01	4.7712e-01	-3.0135e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.3351e-01	5.6769e-01	-1.8016e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.5076e-01	-5.7891e-01	-2.6360e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.4679e-01	-5.1909e-01	-3.6891e-01
149	0.0000e+00	0.0000e+00	0.0000e+00	-5.1627e-01	3.7791e-01	2.8157e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.5719e-01	4.4228e-01	3.3186e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.9541e-01	4.6995e-01	-3.4621e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.5591e-01	3.6284e-01	-2.5434e-01
148	0.0000e+00	0.0000e+00	0.0000e+00	3.0877e-01	-5.7860e-01	-1.8127e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.6357e-01	5.4180e-01	-8.3968e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.0108e-01	6.0707e-01	1.2934e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.6361e-01	-5.7959e-01	1.1296e-01
147	0.0000e+00	0.0000e+00	0.0000e+00	-5.5658e-01	5.9270e-01	1.3491e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.8244e-01	6.6563e-01	2.4007e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.8334e-01	-4.4494e-01	2.2646e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.2996e-01	5.4678e-01	1.1942e-01
146	0.0000e+00	0.0000e+00	0.0000e+00	-3.0457e-01	6.2527e-01	2.7039e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.3802e-01	-4.8852e-01	2.3263e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8747e-01	-4.6728e-01	-2.1532e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4531e-01	-4.3610e-01	2.2372e-01
145	0.0000e+00	0.0000e+00	0.0000e+00	3.6708e-01	3.9564e-01	-2.3226e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.4450e-01	4.4115e-01	-2.1451e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.0564e-01	3.8811e-01	8.3126e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9514e-01	-4.8641e-01	1.9019e-01
144	0.0000e+00	0.0000e+00	0.0000e+00	-8.2774e-01	-2.5096e-01	4.0041e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.4666e-01	-6.7982e-01	4.7009e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.5425e-01	-2.7498e-01	2.1652e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.6940e-01	4.2034e-01	-8.1243e-02
143	0.0000e+00	0.0000e+00	0.0000e+00	-2.4759e-01	2.4105e-01	1.1934e-01

	0.0000e+00	0.0000e+00	0.0000e+00	3.3845e-01	-2.7893e-01	1.4360e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8805e-01	-2.3929e-01	-1.6051e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1931e-01	-3.4028e-01	-1.3279e-01
142	0.0000e+00	0.0000e+00	0.0000e+00	-1.3919e-01	-5.7524e-01	3.2035e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6052e-01	-6.9797e-01	2.3424e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4714e-01	-6.4675e-01	1.7209e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8633e-01	-5.2992e-01	1.6167e-01
141	0.0000e+00	0.0000e+00	0.0000e+00	-3.6900e-01	-9.0977e-01	3.5611e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.7192e-01	9.5819e-01	2.3914e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.3375e-01	-9.9879e-01	1.1226e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.5601e-01	-7.7202e-01	1.5056e-01
140	0.0000e+00	0.0000e+00	0.0000e+00	2.6224e-01	-5.9823e-01	-1.5942e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7416e-01	-3.1462e-01	1.1371e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.8310e-01	2.6670e-01	3.2314e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.3930e-01	-4.3239e-01	2.5129e-01
139	0.0000e+00	0.0000e+00	0.0000e+00	5.9044e-01	-1.3409e+00	-9.7834e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.0197e-01	-9.9484e-01	2.5219e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2908e+00	1.0419e+00	1.3323e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.6623e+00	4.5810e+00	-1.5520e+00
138	0.0000e+00	0.0000e+00	0.0000e+00	-1.1593e-01	-6.9616e-01	3.1682e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8854e-01	2.8006e-01	2.2000e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4693e-01	2.7072e-01	-4.4436e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.1701e-01	5.4161e-01	5.5585e-01
137	0.0000e+00	0.0000e+00	0.0000e+00	4.4331e-01	-3.4222e-01	4.3103e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.0928e-01	-5.3216e-01	1.7783e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5057e+00	2.7703e-01	2.2945e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.9761e-01	2.2356e-01	5.9975e-01
136	0.0000e+00	0.0000e+00	0.0000e+00	5.9731e-01	3.1439e-01	1.7316e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.9253e-01	1.9719e-01	2.3020e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.7236e-01	1.7505e-01	4.7759e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-8.3796e-01	2.4276e-01	3.4890e-01
135	0.0000e+00	0.0000e+00	0.0000e+00	-6.1042e-01	1.7904e-01	-4.7025e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6523e-01	2.5025e-01	-4.5678e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.7902e-01	2.9516e-01	-5.0535e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.3327e-01	2.9039e-01	-5.0387e-01
134	0.0000e+00	0.0000e+00	0.0000e+00	5.3687e-01	-1.5069e-01	-4.6316e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3165e-01	-1.5086e-01	-3.9317e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.5801e-01	2.5534e-01	-5.0816e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7607e-01	2.7519e-01	-5.7696e-01
133	0.0000e+00	0.0000e+00	0.0000e+00	5.1349e-01	8.1429e-01	4.8315e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.1138e-01	-8.8013e-01	5.1291e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1140e+00	1.6496e+00	-5.6792e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2666e-01	-1.8336e-01	7.7178e-01
132	0.0000e+00	0.0000e+00	0.0000e+00	5.1914e-01	6.6034e-01	-4.0688e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.0150e-01	1.3800e+00	-6.3077e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.3705e-01	6.3983e-01	-2.9889e-01
131	0.0000e+00	0.0000e+00	0.0000e+00	-6.7337e-01	2.8866e-01	-3.2917e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.8871e-01	3.2589e-01	4.2367e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.5248e-01	8.6846e-01	2.4080e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.5396e-01	-3.7678e-01	2.2729e-01
130	0.0000e+00	0.0000e+00	0.0000e+00	-2.0691e-01	6.3656e-01	-9.0578e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.8911e+00	2.9577e+00	-1.0796e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.5921e+00	1.5018e+00	6.8268e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.3093e-01	1.0968e+00	3.4417e-01
129	0.0000e+00	0.0000e+00	0.0000e+00	1.5739e+00	-1.2778e+00	9.7716e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.6408e+00	-2.0846e+00	-5.4846e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.5903e-01	-7.5195e-01	-7.8915e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0036e+00	-1.0304e+00	3.3815e-01
128	0.0000e+00	0.0000e+00	0.0000e+00	-5.0666e-01	3.9697e-01	-2.9780e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.8950e-01	5.4178e-01	2.1813e-01

	0.0000e+00	0.0000e+00	0.0000e+00	3.8556e-01	-6.6278e-01	2.3198e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.2901e-01	-6.8555e-01	2.3738e-01
127	0.0000e+00	0.0000e+00	0.0000e+00	4.1078e-01	7.1385e-01	6.6423e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6308e+00	-2.5773e+00	5.2974e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4999e+00	1.4894e+00	4.4277e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.8822e-01	9.9784e-01	3.7089e-01
126	0.0000e+00	0.0000e+00	0.0000e+00	1.3247e+00	-1.4293e+00	3.5654e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5981e+00	-1.1043e+00	-8.4564e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.0063e-01	-8.0091e-01	1.0571e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.9673e-01	-7.0187e-01	4.9832e-01
125	0.0000e+00	0.0000e+00	0.0000e+00	-5.4638e-01	1.3792e-01	-5.5950e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4621e-01	-1.2091e-01	-3.5881e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4223e-01	-2.2144e-01	-3.0593e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.7642e-01	-1.4223e-01	-5.4420e-01
124	0.0000e+00	0.0000e+00	0.0000e+00	-3.3590e-01	-3.2472e-01	-1.5083e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2903e-01	-3.5837e-01	-1.1500e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6395e-01	-4.6285e-01	-2.9380e-01
123	0.0000e+00	0.0000e+00	0.0000e+00	2.6350e-01	-3.5685e-01	-6.9371e-02
	0.0000e+00	0.0000e+00	0.0000e+00	4.0210e-01	-4.7365e-01	1.2002e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.9826e-01	-3.0747e-01	-1.2676e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.0703e-01	-2.3159e-01	-2.3726e-01
122	0.0000e+00	0.0000e+00	0.0000e+00	4.1957e-01	-5.5470e-01	1.3902e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.0464e-01	-4.4771e-01	-4.1877e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.1335e-01	-1.9539e-01	5.8983e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.1760e-01	-2.7338e-01	2.8245e-01
121	0.0000e+00	0.0000e+00	0.0000e+00	-1.6794e-01	-1.7212e-01	-4.7028e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1875e-01	-1.8509e-01	-2.4691e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.2012e-01	-1.9142e-01	-3.7655e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1515e-01	-2.2879e-01	6.1748e-01
120	0.0000e+00	0.0000e+00	0.0000e+00	-2.1954e-01	9.1039e-01	-3.6920e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-6.7714e-01	7.5956e-01	-5.2411e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2378e+00	-3.5133e+00	-9.8527e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.7683e-01	-2.8215e-01	1.2721e+00
119	0.0000e+00	0.0000e+00	0.0000e+00	3.7910e+00	1.3208e+00	5.7130e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.2987e-01	5.5800e-01	5.9043e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.4025e-01	-3.9288e-01	3.8253e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.9281e-01	1.3661e+00	-9.0440e-01
118	0.0000e+00	0.0000e+00	0.0000e+00	1.7181e-01	-5.9052e-01	3.5317e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6250e-01	-5.2574e-01	4.0162e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2514e-01	6.6109e-01	4.4735e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0523e-01	5.0582e-01	4.3230e-01
117	0.0000e+00	0.0000e+00	0.0000e+00	-6.8548e-01	-2.3099e-01	3.4884e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.2522e-01	2.3619e-01	-5.7322e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4758e+00	-1.0205e+00	-5.9507e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.7591e-01	-6.1493e-01	-5.2460e-01
116	0.0000e+00	0.0000e+00	0.0000e+00	-9.1036e-01	1.6636e+00	4.7971e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.5542e-01	-3.1704e-01	5.7535e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8758e-01	5.8667e-01	-5.6792e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.0481e-01	2.5295e-01	-6.6797e-01
115	0.0000e+00	0.0000e+00	0.0000e+00	-5.5590e-01	-2.1076e-01	5.1104e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.3749e-01	7.5309e-01	5.5588e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.6885e-01	-7.1203e-01	7.2072e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.8144e-01	5.2585e-01	6.4960e-01
114	0.0000e+00	0.0000e+00	0.0000e+00	-8.7542e-01	1.2440e+00	3.5640e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.1243e-01	8.5827e-01	-1.1890e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.3815e+00	-4.0062e+00	-8.2197e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3141e+00	-9.2293e-01	1.6444e+00
113	0.0000e+00	0.0000e+00	0.0000e+00	8.8068e-01	-4.8615e-01	2.9608e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.2681e-01	-3.3555e-01	2.2450e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.0906e-01	-1.9911e-01	3.2792e-01

	0.0000e+00	0.0000e+00	0.0000e+00	7.5833e-01	2.9216e-01	4.4099e-01
112	0.0000e+00	0.0000e+00	0.0000e+00	-5.9480e-01	-2.5458e-01	7.3827e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4883e+00	-1.7687e+00	-7.8735e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0138e+00	-6.7409e-01	-6.5345e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.9080e-01	-5.2982e-01	-2.7571e-01
111	0.0000e+00	0.0000e+00	0.0000e+00	7.6932e-01	7.3273e-01	4.7147e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1125e+00	-1.1723e+00	2.9096e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.7914e-01	-5.7840e-01	-3.9368e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.8235e-01	-6.6614e-01	1.7890e-01
110	0.0000e+00	0.0000e+00	0.0000e+00	-1.5024e+00	-1.2869e+00	-5.0816e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.6955e-01	-8.4412e-01	-1.8645e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.6320e-01	-6.4614e-01	1.4322e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.0861e-01	6.2847e-01	-3.4528e-01
109	0.0000e+00	0.0000e+00	0.0000e+00	5.8768e-01	-7.1120e-01	5.1384e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0193e+00	-1.1883e+00	1.9818e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3507e-01	-5.0371e-01	-4.2616e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.3351e-01	-6.9699e-01	1.5682e-01
108	0.0000e+00	0.0000e+00	0.0000e+00	-1.6510e+00	-1.3748e+00	-5.6866e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6780e-01	-5.8976e-01	-2.9796e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.4477e-01	-3.3310e-01	-1.4207e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.1921e-01	3.9732e-01	-3.2356e-01
107	0.0000e+00	0.0000e+00	0.0000e+00	-7.7631e-01	-6.6975e-01	-1.3474e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5098e+00	4.0979e+00	1.0478e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-9.4045e-01	4.6138e-01	3.4961e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.2242e-01	1.3987e+00	-2.5898e-01
106	0.0000e+00	0.0000e+00	0.0000e+00	1.1348e+00	4.0043e+00	6.1985e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.5265e-01	7.8567e-01	-1.0672e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.7199e-01	1.6309e+00	-2.6625e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.5224e-01	-1.6273e-01	3.8096e-01
105	0.0000e+00	0.0000e+00	0.0000e+00	-3.6524e-01	-8.7126e-01	-4.5550e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-1.6885e+00	1.0940e+00	-5.0868e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.6195e-01	8.2792e-01	6.0176e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.3611e-01	6.8072e-01	-2.9720e-01
104	0.0000e+00	0.0000e+00	0.0000e+00	1.6411e+00	1.2005e+00	7.5776e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.0451e-01	8.3186e-01	4.6086e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.1594e-01	9.7076e-01	-3.4678e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.8598e-01	-8.1069e-01	6.5868e-01
103	0.0000e+00	0.0000e+00	0.0000e+00	-8.3715e-01	-1.6223e+00	1.2823e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.2107e+00	-5.6975e+00	1.3717e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5867e+00	6.2574e-01	9.3884e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4480e+00	2.0932e+00	2.6559e-01
102	0.0000e+00	0.0000e+00	0.0000e+00	2.7446e+00	4.9927e+00	1.1139e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.1807e-01	9.4044e-01	-1.6395e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.7242e-01	-2.1054e+00	-2.0532e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0309e+00	-8.4535e-01	1.2829e+00
101	0.0000e+00	0.0000e+00	0.0000e+00	-4.1870e-01	7.6156e-01	1.5304e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.1812e-01	7.8432e-01	1.2855e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.7290e-01	4.1702e-01	-9.4538e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.3210e-01	3.6086e-01	-1.6566e-01
100	0.0000e+00	0.0000e+00	0.0000e+00	9.3191e-01	-4.2735e-01	-1.8190e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.7051e-01	-5.5950e-01	-2.8962e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.9488e-01	-3.3162e-01	-3.5677e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.2387e-01	-4.9017e-01	-2.3487e-01
99	0.0000e+00	0.0000e+00	0.0000e+00	3.8604e-01	-5.4145e-01	3.0298e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.1535e-01	-5.7977e-01	2.7609e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.5761e-01	-6.2028e-01	2.8070e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.2012e-01	-6.7699e-01	2.7261e-01
98	0.0000e+00	0.0000e+00	0.0000e+00	-3.3459e-01	-3.4644e-01	-1.3392e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.7763e-01	-2.7892e-01	-1.5869e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2474e-01	3.8713e-01	1.7790e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-4.1877e-01	3.6696e-01	-9.5090e-02
97	0.0000e+00	0.0000e+00	0.0000e+00	-4.3272e-01	-7.3594e-01	1.7849e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.9464e-01	-6.7760e-01	2.4778e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.3757e-01	-6.6289e-01	2.1617e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3664e-01	-6.7342e-01	1.8543e-01
96	0.0000e+00	0.0000e+00	0.0000e+00	-7.4976e-01	-4.9604e-01	1.4838e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.8473e-01	-5.9177e-01	2.0295e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1417e+00	-6.2541e-01	1.2490e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.3826e-01	-6.7884e-01	1.9760e-01
95	0.0000e+00	0.0000e+00	0.0000e+00	-3.7716e-01	8.4220e-01	5.7392e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.4799e-01	-8.0880e-01	6.5907e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.9142e-01	1.5776e+00	-4.4777e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.7636e-01	1.0619e+00	-2.5035e-01
94	0.0000e+00	0.0000e+00	0.0000e+00	-2.8261e-01	-6.0082e-01	-2.4454e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.0028e-01	-5.7906e-01	-2.3674e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.3037e-01	6.2730e-01	2.7872e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7192e-01	6.9841e-01	-3.1504e-01
93	0.0000e+00	0.0000e+00	0.0000e+00	3.1431e-01	-5.0854e-01	-9.6688e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6454e-01	-3.6487e-01	-1.3308e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5482e-01	-4.0950e-01	-1.0139e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8692e-01	-5.3165e-01	-1.7470e-01
92	0.0000e+00	0.0000e+00	0.0000e+00	-5.5622e-01	8.2113e-01	2.0568e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.2383e-01	9.2845e-01	-3.3934e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5009e-01	-5.0380e-01	-2.4354e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.5167e-01	4.2600e-01	-1.0726e-01
91	0.0000e+00	0.0000e+00	0.0000e+00	-3.0571e-01	6.9047e-01	-4.3069e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.9412e-01	8.8443e-01	-3.4738e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.3450e-01	-7.2918e-01	-1.5384e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.6104e-01	-6.2420e-01	-2.2858e-01
90	0.0000e+00	0.0000e+00	0.0000e+00	-4.4343e-01	5.2147e-01	-3.6589e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-6.6928e-01	-5.6741e-01	-4.0415e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.2049e-01	-5.5230e-01	-3.0086e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.8627e-01	-4.7458e-01	-2.9819e-01
89	0.0000e+00	0.0000e+00	0.0000e+00	-2.2153e-01	5.3430e-01	2.4665e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.7188e-01	-5.1895e-01	2.0555e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4321e-01	-5.1141e-01	-2.7411e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8537e-01	6.2054e-01	-2.6635e-01
88	0.0000e+00	0.0000e+00	0.0000e+00	-4.5655e-01	-6.8534e-01	3.9001e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.6174e-01	-6.6668e-01	3.7097e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.5077e-01	-6.3349e-01	3.2141e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.9249e-01	-8.6462e-01	2.7629e-01
87	0.0000e+00	0.0000e+00	0.0000e+00	-1.2621e-01	-3.9669e-01	-1.0526e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.3305e-01	-3.0022e-01	-8.2234e-02
	0.0000e+00	0.0000e+00	0.0000e+00	3.0579e-01	-2.3954e-01	-1.6340e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.8938e-01	-2.5715e-01	-2.3976e-01
86	0.0000e+00	0.0000e+00	0.0000e+00	-3.7985e-01	-7.5574e-01	-3.2491e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.5510e-01	-8.1443e-01	4.0515e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.4309e-01	-1.2476e+00	4.2545e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.6997e-01	-1.2243e+00	2.5982e-01
85	0.0000e+00	0.0000e+00	0.0000e+00	-7.3374e-01	6.7099e-01	3.7699e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.1531e-01	7.0463e-01	2.4101e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2712e+00	1.2390e+00	4.4897e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.4604e-01	-1.3027e+00	4.7452e-01
84	0.0000e+00	0.0000e+00	0.0000e+00	-7.1052e-01	-4.5239e-01	2.9397e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0727e+00	-5.2907e-01	-5.8172e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2938e+00	-1.8330e+00	-6.2712e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.9666e-01	-1.6847e+00	-4.3026e-01
83	0.0000e+00	0.0000e+00	0.0000e+00	-7.4330e-03	3.2021e-03	2.1777e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.4494e-02	3.6124e-03	2.6227e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.7963e-02	1.6126e-02	3.9142e-02

	0.0000e+00	0.0000e+00	0.0000e+00	-7.6164e-03	3.6558e-02	3.5189e-02
82	0.0000e+00	0.0000e+00	0.0000e+00	-4.9693e-02	3.3562e-03	2.9308e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.1632e-02	2.8840e-03	3.0363e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.7632e-02	1.8856e-02	3.5753e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.9343e-02	1.5118e-02	3.5453e-02
81	0.0000e+00	0.0000e+00	0.0000e+00	-5.1387e-02	4.3085e-03	3.1526e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.2441e-02	3.3876e-03	3.1683e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.1755e-02	2.1492e-02	3.4044e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.7569e-02	1.9523e-02	3.4128e-02
80	0.0000e+00	0.0000e+00	0.0000e+00	-3.8814e-02	4.4221e-03	3.2132e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8364e-02	3.3024e-03	3.3339e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.7826e-02	2.0230e-02	3.5959e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.8460e-02	2.2449e-02	3.4429e-02
79	0.0000e+00	0.0000e+00	0.0000e+00	-2.4245e-02	3.9377e-03	3.3642e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6417e-02	2.8991e-03	3.4587e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3410e-02	1.8428e-02	3.8454e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4021e-02	2.1199e-02	3.7272e-02
78	0.0000e+00	0.0000e+00	0.0000e+00	-1.3223e-02	3.7788e-03	3.4332e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0134e-02	2.8987e-03	-3.2687e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4119e-02	2.0595e-02	-3.7310e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0489e-02	1.9325e-02	3.9106e-02
77	0.0000e+00	0.0000e+00	0.0000e+00	-9.4197e-03	4.5843e-03	-3.1666e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0847e-02	3.7641e-03	-2.6635e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6008e-02	2.6472e-02	-3.1194e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4240e-02	2.1393e-02	-3.6586e-02
76	0.0000e+00	0.0000e+00	0.0000e+00	-1.1615e-02	5.6592e-03	-2.5364e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2829e-02	5.3772e-03	-1.9865e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0469e-02	3.2962e-02	-2.3956e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7969e-02	2.7291e-02	-2.9752e-02
75	0.0000e+00	0.0000e+00	0.0000e+00	-1.2182e-02	6.9152e-03	-1.9744e-02

	0.0000e+00	0.0000e+00	0.0000e+00	-1.1059e-02	6.7671e-03	-2.1279e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8577e-02	3.4488e-02	-2.3998e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0726e-02	3.3542e-02	-2.2541e-02
74	0.0000e+00	0.0000e+00	0.0000e+00	-9.1334e-03	5.0480e-03	-2.2907e-02
	0.0000e+00	0.0000e+00	0.0000e+00	5.6616e-03	6.7397e-03	-3.0259e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.4141e-02	3.2521e-02	-3.3088e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5483e-02	3.3755e-02	-2.6081e-02
73	0.0000e+00	0.0000e+00	0.0000e+00	5.2532e-03	4.2896e-03	-3.2630e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.3698e-02	6.4265e-03	-4.0700e-02
	0.0000e+00	0.0000e+00	0.0000e+00	2.5403e-02	2.9075e-02	-4.2985e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.5682e-02	3.0368e-02	-3.5015e-02
72	0.0000e+00	0.0000e+00	0.0000e+00	1.9308e-02	3.5374e-03	4.2870e-02
	0.0000e+00	0.0000e+00	0.0000e+00	3.6260e-02	5.8852e-03	5.0440e-02
	0.0000e+00	0.0000e+00	0.0000e+00	4.7820e-02	2.4718e-02	5.2400e-02
	0.0000e+00	0.0000e+00	0.0000e+00	3.1157e-02	2.6419e-02	4.4742e-02
71	0.0000e+00	0.0000e+00	0.0000e+00	4.3866e-02	2.9079e-03	5.2096e-02
	0.0000e+00	0.0000e+00	0.0000e+00	6.4897e-02	4.9886e-03	5.8182e-02
	0.0000e+00	0.0000e+00	0.0000e+00	7.3657e-02	1.9570e-02	6.0750e-02
	0.0000e+00	0.0000e+00	0.0000e+00	5.5324e-02	2.2094e-02	5.4414e-02
70	0.0000e+00	0.0000e+00	0.0000e+00	7.1962e-02	2.7313e-03	5.8957e-02
	0.0000e+00	0.0000e+00	0.0000e+00	8.9390e-02	3.6080e-03	6.1292e-02
	0.0000e+00	0.0000e+00	0.0000e+00	9.1406e-02	1.7415e-02	6.6370e-02
	0.0000e+00	0.0000e+00	0.0000e+00	8.0537e-02	1.7788e-02	6.3644e-02
69	0.0000e+00	0.0000e+00	0.0000e+00	9.0673e-02	3.9075e-03	5.9778e-02
	0.0000e+00	0.0000e+00	0.0000e+00	8.8153e-02	5.3634e-03	5.5296e-02
	0.0000e+00	0.0000e+00	0.0000e+00	8.0207e-02	3.2037e-02	6.6103e-02
	0.0000e+00	0.0000e+00	0.0000e+00	9.2880e-02	1.7875e-02	7.0229e-02
68	0.0000e+00	0.0000e+00	0.0000e+00	8.1156e-02	8.5303e-03	4.9940e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.4648e-02	8.0905e-03	3.8895e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.3100e-02	8.1144e-02	6.1338e-02

	0.0000e+00	0.0000e+00	0.0000e+00	6.2392e-02	3.5149e-02	7.2282e-02
67	0.0000e+00	0.0000e+00	0.0000e+00	8.6649e-02	1.8870e-02	-7.4457e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.1334e-01	-1.1962e-02	-1.1442e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.1601e-02	6.5267e-02	-1.1472e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.1619e-02	5.7682e-02	-7.5101e-02
66	0.0000e+00	0.0000e+00	0.0000e+00	1.1728e-01	-1.6252e-02	-1.3092e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1629e-01	-1.3370e-02	-1.8262e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.4759e-02	8.3220e-02	-1.7552e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.5376e-02	6.4837e-02	-1.2431e-01
65	0.0000e+00	0.0000e+00	0.0000e+00	1.0515e-01	-2.0229e-02	-2.0434e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.5939e-02	2.6349e-02	-2.6846e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.7148e-02	1.1469e-01	-2.5084e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.8095e-02	8.3906e-02	-1.8740e-01
64	0.0000e+00	0.0000e+00	0.0000e+00	-1.0055e-01	-2.7364e-02	-2.7667e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.2180e-01	-8.1105e-02	3.5543e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4496e-01	2.1476e-01	3.4898e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2074e-01	1.1541e-01	-2.6737e-01
63	0.0000e+00	0.0000e+00	0.0000e+00	2.9258e-01	-2.1462e-01	-3.1531e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.2363e-01	-2.6285e-01	-2.1664e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.2339e-01	-1.1993e-01	1.6598e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.9938e-01	-1.3384e-01	2.6042e-01
62	0.0000e+00	0.0000e+00	0.0000e+00	3.7746e-01	-2.6361e-01	-1.1153e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1704e-01	-1.9556e-01	-5.4931e-02
	0.0000e+00	0.0000e+00	0.0000e+00	2.1217e-01	-1.1567e-01	1.0295e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1374e-01	-1.3059e-01	1.6862e-01
61	0.0000e+00	0.0000e+00	0.0000e+00	3.3882e-01	-1.8934e-01	-6.4929e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2228e-01	-1.9101e-01	-1.1634e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6249e-01	-7.6092e-02	1.1774e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8214e-01	-1.3104e-01	9.6105e-02
60	0.0000e+00	0.0000e+00	0.0000e+00	-2.4241e-01	-1.8691e-01	1.8936e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-7.7010e-02	-1.7290e-01	2.4617e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0726e-01	-8.8280e-02	1.5418e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2934e-01	-8.9980e-02	9.4709e-02
59	0.0000e+00	0.0000e+00	0.0000e+00	1.5003e-01	-1.9055e-01	2.3397e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4737e-01	-2.9665e-01	2.0188e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1476e-01	-1.5232e-01	1.1323e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1831e-01	-1.2833e-01	1.3377e-01
58	0.0000e+00	0.0000e+00	0.0000e+00	2.2850e-01	-3.1462e-01	1.2607e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.4957e-01	-3.6455e-01	-5.9805e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.4925e-01	-1.9583e-01	-6.6570e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.5210e-01	-2.1071e-01	1.0129e-01
57	0.0000e+00	0.0000e+00	0.0000e+00	2.2815e-01	-3.8478e-01	-9.5486e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7859e-01	-3.0193e-01	-1.8104e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5042e-01	-1.7835e-01	-1.4378e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6297e-01	-2.2071e-01	-5.3646e-02
56	0.0000e+00	0.0000e+00	0.0000e+00	-2.2586e-01	-2.9329e-01	-2.8753e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2610e-01	-2.5131e-01	-3.0642e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3817e-01	-8.7773e-02	1.6966e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4838e-01	-1.3626e-01	-1.2640e-01
55	0.0000e+00	0.0000e+00	0.0000e+00	-1.4835e-01	-2.4829e-01	2.6493e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5915e-01	-3.8858e-01	1.7828e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2800e-01	-1.3952e-01	9.7441e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3695e-01	-1.2144e-01	1.7762e-01
54	0.0000e+00	0.0000e+00	0.0000e+00	1.6924e-01	-3.9091e-01	7.6217e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.7676e-01	-2.8910e-01	-5.9665e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0897e-01	-1.6304e-01	-8.9215e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2311e-01	-1.4131e-01	1.2687e-01
53	0.0000e+00	0.0000e+00	0.0000e+00	1.7901e-01	-2.8117e-01	-1.0137e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0477e-01	-1.7442e-01	-1.5557e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.9097e-02	-1.3264e-01	-1.4036e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-9.8845e-02	-1.3120e-01	9.1281e-02
52	0.0000e+00	0.0000e+00	0.0000e+00	-1.2073e-01	-1.7169e-01	-2.3180e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5913e-01	-2.4177e-01	-2.4907e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0040e-01	-1.5308e-01	1.4761e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.0341e-02	-1.2322e-01	-1.2195e-01
51	0.0000e+00	0.0000e+00	0.0000e+00	-1.5158e-01	-2.5197e-01	2.2004e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.0244e-01	-3.9216e-01	1.4230e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6068e-01	-2.4188e-01	6.8666e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5460e-01	-2.0212e-01	1.3949e-01
50	0.0000e+00	0.0000e+00	0.0000e+00	-2.6778e-01	-4.0877e-01	5.6594e-02
	0.0000e+00	0.0000e+00	0.0000e+00	2.8444e-01	-3.8332e-01	8.1991e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9178e-01	-2.5776e-01	8.6035e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8317e-01	-2.5960e-01	8.1241e-02
49	0.0000e+00	0.0000e+00	0.0000e+00	-3.0220e-01	-3.7389e-01	1.5947e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1167e-01	-2.5561e-01	2.4127e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7274e-01	-2.3165e-01	1.7126e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8373e-01	-2.4737e-01	9.0222e-02
48	0.0000e+00	0.0000e+00	0.0000e+00	1.6806e-01	-2.7387e-01	2.5889e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.0832e-02	-4.0472e-01	2.6303e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1282e-02	-1.3796e-01	1.8659e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.7437e-02	-2.0972e-01	1.8057e-01
47	0.0000e+00	0.0000e+00	0.0000e+00	-1.3284e-01	2.8175e-02	-1.8078e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.0361e-02	-2.1318e-02	-1.3058e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.2287e-02	-6.8347e-02	-1.1335e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6908e-01	-9.7821e-02	-1.6321e-01
46	0.0000e+00	0.0000e+00	0.0000e+00	-5.5379e-02	-1.4851e-02	-1.1594e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.2102e-02	-1.3476e-02	-8.0192e-02
	0.0000e+00	0.0000e+00	0.0000e+00	4.3846e-02	-4.6090e-02	-7.0508e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-7.9693e-02	-6.7736e-02	-1.0533e-01
45	0.0000e+00	0.0000e+00	0.0000e+00	4.1014e-02	-1.0125e-02	-6.9185e-02

	0.0000e+00	0.0000e+00	0.0000e+00	3.5558e-02	-1.1398e-02	-4.3761e-02
	0.0000e+00	0.0000e+00	0.0000e+00	2.1869e-02	-3.5416e-02	-4.0480e-02
	0.0000e+00	0.0000e+00	0.0000e+00	3.7407e-02	-4.6518e-02	-6.5159e-02
44	0.0000e+00	0.0000e+00	0.0000e+00	-5.1105e-02	3.1198e-02	3.6830e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.1267e-02	2.9439e-02	3.9165e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.4793e-02	5.1295e-02	4.7580e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.6641e-02	5.7138e-02	4.4213e-02
43	0.0000e+00	0.0000e+00	0.0000e+00	-3.5368e-02	2.8736e-02	3.9091e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7156e-02	2.5814e-02	4.2302e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.7314e-02	4.2500e-02	5.4326e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.9713e-02	5.1024e-02	5.0297e-02
42	0.0000e+00	0.0000e+00	0.0000e+00	-2.1152e-02	2.5831e-02	4.1548e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7268e-02	2.6128e-02	-4.1651e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6334e-02	4.0078e-02	-5.5650e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2598e-02	4.2176e-02	5.5442e-02
41	0.0000e+00	0.0000e+00	0.0000e+00	-1.6113e-02	2.8129e-02	4.0174e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8519e-02	3.2463e-02	-3.5875e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1042e-02	4.6804e-02	-5.0352e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6281e-02	4.0055e-02	5.5115e-02
40	0.0000e+00	0.0000e+00	0.0000e+00	-2.1304e-02	3.4795e-02	-3.5091e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4141e-02	4.0209e-02	-2.8521e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.1752e-02	6.0677e-02	-4.2863e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4847e-02	4.5735e-02	-5.0677e-02
39	0.0000e+00	0.0000e+00	0.0000e+00	-2.5353e-02	4.8085e-02	-2.6005e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2806e-02	4.6046e-02	-2.7526e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.7684e-02	6.9251e-02	-3.7891e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.7085e-02	6.5008e-02	-3.5857e-02
38	0.0000e+00	0.0000e+00	0.0000e+00	1.7183e-02	4.2832e-02	-3.0524e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.8133e-02	4.4487e-02	-3.6515e-02
	0.0000e+00	0.0000e+00	0.0000e+00	3.2727e-02	6.7810e-02	-4.5418e-02

	0.0000e+00	0.0000e+00	0.0000e+00	3.5018e-02	7.0307e-02	-3.9354e-02
37	0.0000e+00	0.0000e+00	0.0000e+00	1.7692e-02	4.0600e-02	-3.9631e-02
	0.0000e+00	0.0000e+00	0.0000e+00	2.9197e-02	4.0333e-02	-4.6674e-02
	0.0000e+00	0.0000e+00	0.0000e+00	4.3331e-02	6.0770e-02	-5.5362e-02
	0.0000e+00	0.0000e+00	0.0000e+00	3.3928e-02	6.5461e-02	-4.8100e-02
36	0.0000e+00	0.0000e+00	0.0000e+00	3.3442e-02	3.5865e-02	4.9557e-02
	0.0000e+00	0.0000e+00	0.0000e+00	5.2085e-02	3.4609e-02	5.6864e-02
	0.0000e+00	0.0000e+00	0.0000e+00	6.6410e-02	5.2021e-02	6.5310e-02
	0.0000e+00	0.0000e+00	0.0000e+00	4.8243e-02	5.7152e-02	5.8010e-02
35	0.0000e+00	0.0000e+00	0.0000e+00	5.7128e-02	2.9929e-02	5.9116e-02
	0.0000e+00	0.0000e+00	0.0000e+00	7.8848e-02	2.7593e-02	6.6841e-02
	0.0000e+00	0.0000e+00	0.0000e+00	9.2019e-02	4.3202e-02	7.6730e-02
	0.0000e+00	0.0000e+00	0.0000e+00	7.2099e-02	4.8049e-02	6.8956e-02
34	0.0000e+00	0.0000e+00	0.0000e+00	8.0551e-02	2.3747e-02	6.7992e-02
	0.0000e+00	0.0000e+00	0.0000e+00	9.7414e-02	2.3358e-02	7.4999e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.0607e-01	3.8812e-02	9.0884e-02
	0.0000e+00	0.0000e+00	0.0000e+00	9.4882e-02	4.0072e-02	8.3356e-02
33	0.0000e+00	0.0000e+00	0.0000e+00	8.9632e-02	2.5928e-02	7.3849e-02
	0.0000e+00	0.0000e+00	0.0000e+00	8.6892e-02	4.1738e-02	7.7875e-02
	0.0000e+00	0.0000e+00	0.0000e+00	8.7946e-02	6.1733e-02	1.0555e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0099e-01	4.0765e-02	1.0088e-01
32	0.0000e+00	0.0000e+00	0.0000e+00	6.5061e-02	9.1232e-02	-1.2597e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.1117e-02	1.0690e-01	-1.6236e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.6563e-02	1.2495e-01	-1.4411e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.5558e-02	1.0099e-01	-1.0868e-01
31	0.0000e+00	0.0000e+00	0.0000e+00	4.6180e-02	1.1875e-01	-1.9045e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.9380e-02	1.5968e-01	-2.2916e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.2062e-02	1.8915e-01	-1.8329e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.5606e-02	1.3770e-01	-1.4705e-01
30	0.0000e+00	0.0000e+00	0.0000e+00	2.0032e-01	-8.7456e-02	1.4346e-01

	0.0000e+00	0.0000e+00	0.0000e+00	1.8217e-01	-8.2311e-02	1.1227e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3945e-01	6.3452e-02	1.1081e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5120e-01	5.4808e-02	1.4131e-01
29	0.0000e+00	0.0000e+00	0.0000e+00	1.7385e-01	-8.6328e-02	1.0599e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3944e-01	-6.1699e-02	1.0758e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1127e-01	6.5194e-02	9.8434e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.3259e-01	6.5612e-02	1.0525e-01
28	0.0000e+00	0.0000e+00	0.0000e+00	1.2301e-01	-6.4760e-02	1.1823e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.7781e-02	-7.3526e-02	1.2283e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.9752e-02	7.3594e-02	9.2116e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.0023e-01	6.5349e-02	8.9483e-02
27	0.0000e+00	0.0000e+00	0.0000e+00	9.1446e-02	-8.4005e-02	1.1785e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0403e-01	-1.3205e-01	1.0353e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.8549e-02	-9.6113e-02	7.5563e-02
	0.0000e+00	0.0000e+00	0.0000e+00	8.0091e-02	8.4067e-02	8.2938e-02
26	0.0000e+00	0.0000e+00	0.0000e+00	1.1220e-01	-1.4356e-01	8.3625e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.2313e-01	-1.6221e-01	-7.1815e-02
	0.0000e+00	0.0000e+00	0.0000e+00	7.9473e-02	-1.0641e-01	-6.3845e-02
	0.0000e+00	0.0000e+00	0.0000e+00	7.8005e-02	-1.1001e-01	6.8763e-02
25	0.0000e+00	0.0000e+00	0.0000e+00	1.3701e-01	-1.7400e-01	-6.8791e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.3129e-01	-1.3790e-01	-9.5031e-02
	0.0000e+00	0.0000e+00	0.0000e+00	9.8996e-02	-1.0931e-01	-7.7419e-02
	0.0000e+00	0.0000e+00	0.0000e+00	8.2957e-02	-1.1174e-01	-5.7103e-02
24	0.0000e+00	0.0000e+00	0.0000e+00	-1.2830e-01	-1.0124e-01	-1.4245e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0656e-01	-6.5735e-02	-1.4143e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.0146e-02	3.5982e-02	-9.5469e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-8.7795e-02	-5.7196e-02	-7.9357e-02
23	0.0000e+00	0.0000e+00	0.0000e+00	-1.1582e-01	-6.3678e-02	-1.3395e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0615e-01	-1.0206e-01	-1.1740e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.3564e-02	3.7117e-02	-8.2648e-02

	0.0000e+00	0.0000e+00	0.0000e+00	-8.5814e-02	-3.3297e-02	-9.4067e-02
22	0.0000e+00	0.0000e+00	0.0000e+00	-1.0206e-01	-1.0149e-01	1.0609e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.8445e-02	-1.0771e-01	-1.0140e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.8889e-02	5.5567e-02	-8.7734e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-7.0011e-02	4.2601e-02	9.1542e-02
21	0.0000e+00	0.0000e+00	0.0000e+00	-8.5452e-02	-1.0519e-01	-1.1105e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.3460e-02	-1.0261e-01	-1.1645e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.9257e-02	7.2342e-02	-9.3583e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.4973e-02	5.8269e-02	9.1058e-02
20	0.0000e+00	0.0000e+00	0.0000e+00	-8.0750e-02	-1.0583e-01	1.3020e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0028e-01	-1.5110e-01	1.2091e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.7084e-02	9.9687e-02	8.3594e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.5403e-02	8.1290e-02	9.1399e-02
19	0.0000e+00	0.0000e+00	0.0000e+00	-1.2638e-01	-1.5655e-01	1.0943e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4950e-01	-2.0629e-01	8.0201e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0420e-01	-1.2904e-01	6.0949e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-9.5355e-02	1.1902e-01	8.2763e-02
18	0.0000e+00	0.0000e+00	0.0000e+00	-1.6028e-01	-2.0985e-01	6.5905e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7011e-01	-2.1193e-01	7.6874e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1947e-01	-1.3464e-01	7.3298e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1352e-01	-1.3856e-01	6.3440e-02
17	0.0000e+00	0.0000e+00	0.0000e+00	-1.6602e-01	-2.0705e-01	1.0263e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4474e-01	-1.6466e-01	1.4636e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0187e-01	-1.1268e-01	1.1471e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1471e-01	-1.3068e-01	7.5030e-02
16	0.0000e+00	0.0000e+00	0.0000e+00	-8.1833e-02	-9.0147e-02	-9.4772e-02
	0.0000e+00	0.0000e+00	0.0000e+00	5.2417e-02	-6.8845e-02	-7.1833e-02
	0.0000e+00	0.0000e+00	0.0000e+00	6.3749e-02	-7.6122e-02	-5.3950e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0692e-01	-1.0551e-01	-7.4639e-02
15	0.0000e+00	0.0000e+00	0.0000e+00	3.7453e-02	-6.1881e-02	-5.9380e-02

	0.0000e+00	0.0000e+00	0.0000e+00	2.2461e-02	-5.3846e-02	-4.3066e-02
	0.0000e+00	0.0000e+00	0.0000e+00	2.5839e-02	-5.6986e-02	-3.7197e-02
	0.0000e+00	0.0000e+00	0.0000e+00	5.0084e-02	-7.1765e-02	-5.2009e-02
14	0.0000e+00	0.0000e+00	0.0000e+00	-6.1262e-02	2.8238e-02	3.8916e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.3590e-02	3.0552e-02	3.6410e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.9001e-02	5.6144e-02	4.3931e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-7.4842e-02	5.2613e-02	4.7091e-02
13	0.0000e+00	0.0000e+00	0.0000e+00	-5.2361e-02	5.9837e-02	5.4200e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.2960e-02	5.1449e-02	6.1443e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.7204e-02	6.7111e-02	8.2775e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-7.3583e-02	9.0235e-02	7.4291e-02
12	0.0000e+00	0.0000e+00	0.0000e+00	-4.2289e-02	4.6950e-02	-5.5573e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.7651e-02	6.1494e-02	-5.3544e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.7587e-02	3.4718e-02	-8.0557e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.1870e-02	3.8319e-02	-7.7837e-02
11	0.0000e+00	0.0000e+00	0.0000e+00	-5.0615e-02	8.1012e-02	-3.9980e-02
	0.0000e+00	0.0000e+00	0.0000e+00	4.9984e-02	8.2179e-02	-3.6907e-02
	0.0000e+00	0.0000e+00	0.0000e+00	7.0989e-02	9.5783e-02	-5.5407e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-7.4558e-02	7.3514e-02	-6.5791e-02
10	0.0000e+00	0.0000e+00	0.0000e+00	3.9896e-02	7.6714e-02	-4.5139e-02
	0.0000e+00	0.0000e+00	0.0000e+00	4.0646e-02	7.9222e-02	-4.9693e-02
	0.0000e+00	0.0000e+00	0.0000e+00	6.1786e-02	9.2602e-02	-6.3293e-02
	0.0000e+00	0.0000e+00	0.0000e+00	6.4422e-02	9.3883e-02	-5.8391e-02
9	0.0000e+00	0.0000e+00	0.0000e+00	3.8160e-02	7.3743e-02	-5.4603e-02
	0.0000e+00	0.0000e+00	0.0000e+00	5.0167e-02	7.0525e-02	6.0583e-02
	0.0000e+00	0.0000e+00	0.0000e+00	6.7687e-02	7.6155e-02	7.6725e-02
	0.0000e+00	0.0000e+00	0.0000e+00	6.0024e-02	8.9046e-02	-6.9024e-02
8	0.0000e+00	0.0000e+00	0.0000e+00	5.3239e-02	6.4637e-02	6.5289e-02
	0.0000e+00	0.0000e+00	0.0000e+00	7.2586e-02	6.0040e-02	7.1568e-02
	0.0000e+00	0.0000e+00	0.0000e+00	9.3604e-02	6.4128e-02	8.6408e-02

	0.0000e+00	0.0000e+00	0.0000e+00	7.0367e-02	7.1817e-02	8.0717e-02
7	0.0000e+00	0.0000e+00	0.0000e+00	7.8309e-02	5.5084e-02	7.5838e-02
	0.0000e+00	0.0000e+00	0.0000e+00	9.9239e-02	5.0686e-02	8.6279e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.2504e-01	5.9304e-02	9.8192e-02
	0.0000e+00	0.0000e+00	0.0000e+00	9.7214e-02	6.0304e-02	8.9296e-02
6	0.0000e+00	0.0000e+00	0.0000e+00	1.0092e-01	4.5994e-02	8.9381e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.1462e-01	4.3165e-02	1.0581e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4020e-01	4.8056e-02	1.2405e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2385e-01	5.5255e-02	1.0728e-01
5	0.0000e+00	0.0000e+00	0.0000e+00	-5.5770e-02	4.0713e-02	-8.0169e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.8822e-02	4.8444e-02	-8.1191e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1338e-02	4.3569e-02	-6.0829e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.6965e-02	4.6315e-02	-5.8871e-02
4	0.0000e+00	0.0000e+00	0.0000e+00	-4.7494e-02	5.0138e-02	8.4306e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.1640e-02	6.4160e-02	8.2011e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5812e-02	4.8011e-02	6.0825e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1020e-02	4.3467e-02	6.3018e-02
3	0.0000e+00	0.0000e+00	0.0000e+00	-8.1626e-02	9.3463e-02	6.8788e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-9.8046e-02	1.1120e-01	5.9156e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-7.0658e-02	6.9601e-02	4.7713e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.1699e-02	6.5356e-02	5.4347e-02
2	0.0000e+00	0.0000e+00	0.0000e+00	-1.0099e-01	1.1177e-01	5.7140e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0891e-01	-1.1026e-01	6.4536e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-8.0577e-02	6.7041e-02	5.5010e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-7.4990e-02	7.1458e-02	4.7988e-02
1	0.0000e+00	0.0000e+00	0.0000e+00	3.4628e-02	-7.9758e-02	7.5819e-02
	0.0000e+00	0.0000e+00	0.0000e+00	4.5744e-02	6.1670e-02	5.9368e-02
	0.0000e+00	0.0000e+00	0.0000e+00	3.3252e-02	-7.3062e-02	1.0171e-01

2.10.3 Condizione "(1) Dinamica SLVh Y"

Elemento	Nx (kg)	Ny (kg)	Nxy (kg)	Mx (kgxcm)	My (kgxcm)	Mxy (kgxcm)

340	4.2012e-04	-2.4662e-04	1.5051e-03	-2.2517e-01	1.0174e-01	4.7092e-01
	2.8094e-04	7.6417e-03	9.4973e-04	4.2994e-01	9.3568e-01	3.2508e-01
	-7.6208e-04	7.4612e-03	2.2198e-03	-5.4401e-02	-8.7997e-01	4.2218e-01
	-8.9108e-04	-5.6344e-04	3.5044e-03	-3.1023e-01	-2.3245e-01	6.4474e-01
339	1.5551e-02	-1.0337e-03	-9.7624e-04	-8.6200e-02	-2.0651e-01	4.3334e-01
	1.5551e-02	-7.9933e-04	1.7051e-03	-4.0533e-01	-8.7667e-02	3.8380e-01
	0.0000e+00	-1.0130e-03	-1.6364e-03	-1.3097e-01	-3.6767e-01	3.3425e-01
	0.0000e+00	-1.0165e-03	-2.4163e-03	2.5250e-02	-4.2339e-01	-4.0457e-01
338	1.4556e-02	-1.0413e-03	9.1872e-04	-1.8160e-01	-1.7743e-01	3.7801e-01
	1.4556e-02	-7.1432e-04	1.6092e-03	3.5974e-01	9.0610e-02	4.4892e-01
	0.0000e+00	1.2881e-03	-1.0833e-03	1.2184e-01	2.0302e-01	5.1415e-01
	0.0000e+00	-4.7039e-04	1.0712e-03	-2.1502e-02	-4.4070e-01	4.3127e-01
337	1.1826e-02	-8.4637e-04	7.6228e-04	7.8755e-02	2.0593e-01	5.0708e-01
	1.1826e-02	-8.6659e-04	-1.9219e-03	2.5034e-01	1.5548e-01	5.7912e-01
	0.0000e+00	1.5482e-03	-1.8319e-03	1.0010e-01	1.8067e-01	6.2703e-01
	0.0000e+00	1.0799e-03	-5.7597e-04	-2.0419e-02	2.7274e-01	5.7640e-01
336	1.2100e-02	-8.8944e-04	1.0602e-03	-4.5793e-02	8.5525e-02	5.9885e-01
	1.2100e-02	-1.5129e-03	1.7386e-03	-2.5616e-01	-1.4024e-01	6.1367e-01
	-1.0309e-17	-2.3646e-03	-3.1497e-03	-1.2297e-01	-2.7422e-01	-6.7624e-01
	-1.0745e-17	1.5653e-03	-2.2921e-03	1.4062e-02	1.6017e-01	-6.9096e-01
335	1.1872e-02	-1.3125e-03	1.5825e-03	-1.2912e-01	-2.4830e-01	5.3256e-01
	1.1872e-02	-8.9951e-04	2.7486e-03	1.8979e-01	2.2900e-01	5.3401e-01
	-7.0082e-18	2.0961e-03	-2.7574e-03	-9.4963e-02	-2.2533e-01	6.1712e-01
	-6.7106e-18	1.5302e-03	-2.3336e-03	1.0233e-02	-1.4189e-01	6.0923e-01
334	1.0905e-02	-5.4081e-04	1.9503e-03	2.1428e-01	1.9237e-01	4.1603e-01
	1.0905e-02	1.0349e-03	-1.5819e-03	1.7576e-01	4.3790e-01	4.2118e-01
	0.0000e+00	1.0389e-03	1.8646e-03	-1.9000e-02	3.4031e-01	4.0409e-01
	0.0000e+00	-8.0843e-04	2.8698e-03	1.3979e-01	2.7382e-01	4.2119e-01
333	8.2633e-03	6.2938e-04	-1.2829e-03	5.9919e-01	2.8006e-01	-6.3511e-01
	8.2633e-03	-8.5016e-04	-3.0820e-04	-3.4719e-02	2.1571e-01	-6.6764e-01

	-4.0078e-18	2.4462e-03	-3.4871e-03	-1.8515e-02	-1.5263e-01	-8.7359e-01
	-4.0161e-18	2.9529e-03	-3.2997e-03	2.3542e-01	4.4756e-01	-7.5975e-01
332	7.6544e-03	-8.9945e-04	-3.2630e-03	-3.2658e-01	-1.0436e-01	-7.9007e-01
	7.6544e-03	-1.3212e-03	2.4002e-04	-2.4922e-01	-3.0127e-01	-5.8794e-01
	4.0311e-18	-7.2931e-04	1.2971e-03	1.3401e-02	-6.4857e-01	-8.2354e-01
	3.6399e-18	-2.7502e-03	3.7484e-03	-9.5022e-02	-1.7223e-01	-9.7117e-01
331	-1.3567e-02	-1.5305e-03	1.4051e-03	-7.0825e-01	-1.6439e-01	4.0944e-01
	-1.3567e-02	1.0094e-03	3.9856e-04	2.2870e-01	2.2797e-01	-2.1539e-01
	0.0000e+00	-7.8649e-04	1.3153e-03	5.1317e-02	5.6064e-01	3.2736e-01
	0.0000e+00	-1.3489e-03	1.5248e-03	-2.4680e-01	-5.1863e-01	4.7169e-01
330	-1.2232e-02	7.9227e-04	9.4402e-04	4.8728e-01	4.8589e-02	-2.8125e-01
	-1.2232e-02	6.4168e-04	-7.1792e-04	2.7488e-01	1.4124e-01	-4.3739e-01
	0.0000e+00	6.9741e-04	2.1692e-03	4.8270e-02	5.3494e-01	-4.6537e-01
	0.0000e+00	1.3959e-03	2.2542e-03	1.4783e-01	4.0976e-01	3.1702e-01
329	-1.0260e-02	6.3768e-04	-1.1219e-03	5.3787e-01	4.9105e-02	-5.3052e-01
	-1.0260e-02	-9.6913e-04	-1.4732e-03	-4.0023e-01	6.7814e-02	-5.9859e-01
	0.0000e+00	-1.0379e-03	-2.8583e-03	-9.9292e-02	-3.7469e-01	-7.3889e-01
	0.0000e+00	8.7580e-04	-2.3770e-03	1.4086e-01	4.6749e-01	-6.5534e-01
328	-9.5202e-03	-9.6886e-04	-1.2483e-03	3.8289e-01	-8.7200e-02	-5.7466e-01
	-9.5202e-03	-8.1972e-04	1.2602e-03	-5.3935e-01	-5.5878e-02	-4.0208e-01
	0.0000e+00	-8.8397e-04	2.1304e-03	-1.1970e-01	-5.4611e-01	-5.2372e-01
	0.0000e+00	-9.4107e-04	-2.7775e-03	8.2035e-02	-3.7088e-01	-6.9051e-01
327	-8.8410e-03	-8.2472e-04	9.4412e-04	-3.4986e-01	-8.3650e-02	-3.0177e-01
	-8.8410e-03	6.1700e-04	3.8277e-04	2.8352e-01	4.5278e-02	-2.1208e-01
	0.0000e+00	6.5548e-04	1.3470e-03	6.2501e-02	4.6204e-01	1.9554e-01
	0.0000e+00	-8.1799e-04	2.1536e-03	-6.8363e-02	-5.8299e-01	-2.4296e-01
326	-7.6471e-03	6.2074e-04	1.3232e-04	3.9949e-01	6.1322e-02	-2.8785e-01
	-7.6471e-03	4.1724e-04	-8.3053e-04	2.3432e-01	4.5465e-02	-4.0689e-01
	0.0000e+00	4.2647e-04	-1.2076e-03	-4.3650e-02	1.6583e-01	-4.7960e-01
	0.0000e+00	6.2352e-04	9.4030e-04	6.7256e-02	4.5032e-01	-3.5677e-01

325	-3.9603e-03	4.2225e-04	-6.2298e-04	5.1886e-01	6.7502e-02	-3.9928e-01
	-3.9603e-03	-1.4485e-04	6.0510e-04	-8.3945e-01	-2.9453e-01	-1.7534e-01
	0.0000e+00	-1.4485e-04	-5.3639e-04	-1.3331e-01	8.1767e-02	-2.7224e-01
	0.0000e+00	4.1291e-04	-1.5666e-03	5.4974e-02	1.2458e-01	-4.9894e-01
324	0.0000e+00	-1.0276e-03	3.1465e-03	-1.3666e-02	3.1366e-01	6.2806e-01
	0.0000e+00	1.6885e-03	-2.9026e-03	1.0140e-02	-1.6893e-01	6.2725e-01
	6.2953e-03	3.5902e-04	5.0674e-04	2.7024e-02	9.5387e-02	4.7910e-01
323	3.5707e-04	3.0870e-03	-6.6962e-04	4.2320e-01	6.4391e-01	-2.2838e-01
	-1.0568e-04	1.0383e-04	2.4123e-04	4.3272e-02	4.2689e-02	2.0440e-01
	-1.7679e-04	-5.0286e-04	-1.1766e-03	2.8465e-01	2.0815e-01	-5.3769e-01
	-4.7443e-04	2.9328e-03	-9.9636e-04	1.8602e-01	4.7316e-01	-4.1521e-01
322	0.0000e+00	-2.5687e-04	8.1291e-04	-1.9568e-02	2.5583e-01	6.5976e-01
	0.0000e+00	1.1195e-03	-2.4144e-03	-5.3794e-02	-1.5772e-01	7.0556e-01
	5.1376e-03	5.4065e-04	-8.8395e-04	-1.7256e-01	-1.3448e-01	6.3281e-01
	5.1376e-03	-4.9757e-04	5.7532e-04	7.3440e-02	9.0552e-02	5.4121e-01
321	7.0535e-18	8.6058e-04	-2.1245e-03	2.4692e-02	-9.4638e-02	6.6378e-01
	7.2243e-18	1.6866e-03	-2.6895e-03	-1.9121e-01	-6.4877e-01	6.1567e-01
	-7.9659e-03	1.0615e-03	2.0604e-03	1.6209e-01	-2.6533e-01	5.0557e-01
	-7.9659e-03	-8.5752e-04	1.1655e-03	-2.2958e-01	-1.8909e-01	5.3312e-01
320	0.0000e+00	-7.7988e-04	1.3015e-03	7.0085e-02	2.3552e-01	5.2147e-01
	0.0000e+00	-2.2504e-04	-1.5996e-03	2.0746e-02	2.5122e-01	5.7696e-01
	8.6192e-03	-2.2504e-04	-4.6138e-04	1.3012e-01	9.3022e-02	5.6218e-01
	8.6192e-03	2.6915e-04	1.3877e-03	1.6063e-01	-1.2245e-01	5.2239e-01
319	0.0000e+00	-2.2504e-04	-1.4270e-03	6.0795e-02	2.4224e-01	6.5655e-01
	0.0000e+00	1.2514e-03	-2.5219e-03	-1.6331e-01	-3.1646e-01	6.1946e-01
	-1.2216e-02	9.3988e-04	-7.4525e-04	-4.4607e-01	-8.8756e-02	5.6842e-01
	-1.2216e-02	-2.2504e-04	-9.6865e-04	1.8105e-01	-6.3905e-02	5.6291e-01
318	0.0000e+00	5.7214e-04	-1.6557e-03	8.6343e-02	-4.4268e-01	-6.1545e-01
	0.0000e+00	-1.8492e-03	2.0440e-03	-4.1720e-01	-8.8699e-01	-4.6794e-01
	1.3426e-02	-2.6994e-03	4.0913e-03	-7.6566e-01	-4.1388e-01	-3.5068e-01

	1.3426e-02	1.1462e-03	3.7219e-04	-2.4622e-01	-4.6066e-01	3.2750e-01
317	0.0000e+00	-1.9975e-03	3.2523e-03	1.9273e-02	-5.9162e-01	-9.2577e-01
	0.0000e+00	-7.2531e-03	7.6844e-03	3.3687e-02	4.1770e-01	-1.1183e+00
	1.0029e-02	-2.6182e-03	-3.3263e-03	5.1867e-01	5.7225e-01	-6.2956e-01
	1.0029e-02	-1.7243e-03	-1.7041e-03	-3.0054e-01	-7.2998e-01	-5.0075e-01
316	0.0000e+00	-1.3036e-03	-2.0360e-03	-4.1122e-01	-1.0798e+00	-5.5828e-01
	0.0000e+00	1.0056e-03	-7.3089e-04	2.5207e-01	-3.8977e-01	-2.7247e-01
	1.2151e-02	1.0056e-03	-3.5822e-03	1.1499e+00	3.7878e-01	-1.6778e-01
	1.2151e-02	-3.6447e-03	-2.5719e-03	-1.4329e+00	-1.5118e-01	-4.2072e-01
315	0.0000e+00	6.3530e-04	-2.7005e-03	1.7785e-02	-1.7490e-01	-5.0990e-01
	0.0000e+00	3.9800e-04	1.7657e-03	1.8779e-02	3.1343e-01	-4.8547e-01
	-5.3686e-03	2.2298e-04	1.0388e-03	7.2437e-02	-1.1846e-01	5.1999e-01
314	3.5854e-18	-5.6270e-03	6.9860e-03	-4.8049e-02	-1.4381e-01	-1.0691e+00
	4.3515e-18	-5.7321e-04	-2.3333e-03	5.1455e-02	9.8100e-01	-8.7761e-01
	1.0167e-02	-1.8372e-03	-1.0900e-03	1.9881e-01	-3.0217e-01	-3.1948e-01
313	-3.2441e-04	-3.5558e-03	1.5341e-03	3.6631e-01	9.8522e-01	1.9781e-01
	3.2300e-04	1.3321e-04	2.8380e-04	-2.5179e-01	1.0843e-01	4.0567e-01
	-2.1281e-03	9.4692e-04	2.0962e-03	7.9617e-01	-5.3999e-01	-4.6992e-01
	2.3024e-03	-3.4647e-03	3.1133e-03	-3.6158e-01	-1.3971e+00	3.8860e-01
312	0.0000e+00	4.3322e-04	-3.4793e-03	-3.4314e-02	7.5029e-01	-7.6857e-01
	0.0000e+00	-4.8760e-03	-9.4577e-03	5.6768e-02	1.6069e-01	9.6143e-01
	-1.6342e-02	3.4883e-03	3.2038e-03	2.0210e-01	8.3543e-02	6.8549e-01
	-1.6342e-02	1.4924e-03	-1.2964e-03	2.4081e-01	5.7152e-01	5.0316e-01
311	7.7769e-18	-3.3391e-03	-8.4255e-03	4.2869e-02	9.5860e-02	9.7117e-01
	8.2962e-18	-4.0708e-03	8.3023e-03	-3.7174e-01	-1.4607e+00	9.6115e-01
	-2.6111e-02	-1.7764e-03	8.0697e-03	-5.4190e-01	-8.2863e-01	-5.1962e-01
	-2.6111e-02	2.6559e-03	-3.1490e-03	-3.5177e-01	2.1472e-01	-5.0942e-01
310	0.0000e+00	-3.9762e-03	6.6594e-03	-3.0690e-01	-7.2421e-01	-8.9607e-01
	0.0000e+00	2.5924e-04	-6.6029e-03	1.0672e-01	1.9764e-01	-1.0376e+00
	-2.0181e-02	2.5924e-04	-2.7868e-03	3.0750e-01	2.6899e-01	-8.1413e-01

	-2.0181e-02	-1.4100e-03	-1.0337e-03	-8.6228e-01	-2.5532e-01	-7.5113e-01
309	0.0000e+00	2.5924e-04	-6.8794e-03	1.4323e-01	2.3078e-01	-1.0538e+00
	0.0000e+00	4.8286e-03	4.4368e-03	-4.5035e-01	-9.5709e-01	-7.2700e-01
	-1.0780e-02	2.0624e-03	1.7222e-03	-1.2797e+00	2.5075e-01	-6.2923e-01
	-1.0780e-02	2.5924e-04	-2.9435e-03	3.5755e-01	2.5846e-01	-7.8082e-01
308	0.0000e+00	-1.8715e-03	1.2203e-03	5.4396e-02	-1.0330e+00	-7.5125e-01
	0.0000e+00	-1.5867e-03	-3.7678e-03	-2.5068e-01	-4.9408e-01	-8.9296e-01
	-1.7001e-02	2.3593e-03	-2.3624e-03	-6.0667e-01	-2.4020e-01	-6.0846e-01
	-1.7001e-02	2.9111e-03	1.2725e-03	-3.1417e-01	-4.3394e-01	-5.2802e-01
307	0.0000e+00	1.1713e-03	-4.0481e-03	-4.3471e-02	-2.7662e-01	-7.4836e-01
	0.0000e+00	2.5151e-03	-3.5956e-03	6.7709e-02	1.6913e-01	-7.6878e-01
	-1.9072e-02	2.8554e-03	5.0388e-03	2.6601e-01	2.3325e-01	-6.2441e-01
	-1.9072e-02	1.9963e-03	9.7394e-04	-7.8236e-02	-2.8132e-01	-5.9077e-01
306	0.0000e+00	5.8101e-04	4.2884e-03	1.4103e-01	3.0675e-01	-4.9474e-01
	0.0000e+00	-8.6653e-04	6.7243e-04	1.3062e-01	9.8245e-02	-1.5338e-01
	-7.9703e-03	-8.6653e-04	2.2842e-03	7.6441e-01	4.1304e-01	-2.3015e-01
	-7.9703e-03	1.9324e-03	4.3689e-03	-5.8195e-01	5.0006e-02	-4.4951e-01
305	0.0000e+00	-2.5715e-03	-6.4513e-03	-2.5066e-02	-3.3764e-01	-7.8787e-01
	0.0000e+00	-2.2090e-03	4.5250e-03	-3.1795e-02	-9.1992e-01	-6.9391e-01
	-1.4046e-02	-1.3816e-03	1.1696e-03	-1.1237e-01	-2.1651e-01	-6.7790e-01
304	-2.5256e-18	1.5694e-03	-3.6003e-03	8.6266e-03	-9.3183e-02	-6.7302e-01
	-1.9953e-18	1.1286e-03	5.0991e-03	1.1557e-02	3.8707e-01	-6.4394e-01
	-1.1507e-02	7.1250e-04	2.0473e-03	3.9407e-02	-1.1939e-01	-3.8205e-01
303	-6.7868e-04	-2.0327e-04	1.2777e-03	-3.5712e-01	-8.3432e-02	-4.1375e-01
	-7.7471e-04	6.3115e-03	9.5269e-04	-3.1981e-01	-7.8895e-01	-3.3149e-01
	-4.6517e-04	6.0782e-03	2.1861e-03	-5.1571e-02	6.5401e-01	-4.7229e-01
	-5.6021e-04	-5.0449e-04	3.1309e-03	1.1059e-01	1.8565e-01	-6.3602e-01
302	1.4243e-02	-7.7121e-04	-1.0516e-03	-1.2063e-01	1.5572e-01	4.6463e-01
	1.4243e-02	-9.8547e-04	1.2592e-03	4.3881e-01	8.7917e-02	3.9642e-01
	0.0000e+00	-9.5171e-04	-1.2928e-03	1.3480e-01	3.3974e-01	4.0446e-01

	0.0000e+00	-7.3552e-04	-2.1649e-03	-3.0588e-02	1.9297e-01	5.1836e-01
301	1.2516e-02	-1.0418e-03	7.0942e-04	1.5047e-01	1.7488e-01	2.6959e-01
	1.2516e-02	6.7861e-04	2.2143e-03	-2.3518e-01	4.6657e-02	-1.9087e-01
	0.0000e+00	1.5918e-03	1.9366e-03	7.9029e-02	1.1909e-01	-2.1185e-01
	0.0000e+00	-2.1101e-04	9.1543e-04	-1.3163e-02	3.9012e-01	-2.4809e-01
300	9.2483e-03	8.7338e-04	6.2328e-04	6.1277e-02	-2.1545e-01	-1.9039e-01
	9.2483e-03	1.4791e-03	1.6198e-03	-5.2771e-01	-2.6548e-01	-2.7585e-01
	0.0000e+00	2.2315e-03	1.0303e-03	-2.0787e-01	-3.6172e-01	-2.3140e-01
	0.0000e+00	1.2855e-03	1.4322e-03	3.2746e-02	2.1726e-01	-1.8266e-01
299	6.1689e-03	1.1849e-03	1.0794e-03	-4.2544e-02	-2.3175e-01	4.8625e-01
	6.1689e-03	-1.3958e-03	-2.1298e-03	1.1566e-01	-3.8537e-02	5.5646e-01
	-7.0843e-18	-3.4084e-03	-3.9623e-03	5.9212e-02	1.6913e-01	6.9249e-01
	-7.9607e-18	1.2132e-03	-1.0785e-03	-7.5159e-03	-2.9974e-01	6.5830e-01
298	1.0684e-02	-8.8526e-04	1.6372e-03	2.5498e-01	2.9815e-01	3.8473e-01
	1.0684e-02	-6.3687e-04	2.9889e-03	2.8001e-01	2.8510e-01	-3.0637e-01
	-5.6536e-18	-2.0964e-03	-3.7002e-03	2.3362e-01	5.6365e-01	4.6255e-01
	-5.5227e-18	-2.2967e-03	-3.3951e-03	-2.4154e-02	9.6568e-02	5.9258e-01
297	-1.3998e-02	-7.1862e-04	3.9700e-03	1.9716e-01	2.3623e-01	-2.2350e-01
	-1.3998e-02	1.8664e-03	-1.5805e-03	-2.1826e-01	-5.4788e-01	-3.1288e-01
	0.0000e+00	1.3634e-03	-2.2670e-03	1.6535e-02	-4.1320e-01	-3.2435e-01
	0.0000e+00	-2.4972e-03	2.9849e-03	-1.2398e-01	-2.3970e-01	-3.1207e-01
296	-1.5332e-02	1.6323e-03	2.6921e-03	-7.4409e-01	-3.3716e-01	6.7673e-01
	-1.5332e-02	-1.3376e-03	-5.8294e-04	4.3290e-02	-2.3459e-01	7.1694e-01
	-3.6815e-18	2.8548e-03	-5.0407e-03	2.6154e-02	2.0136e-01	1.0227e+00
	-3.7249e-18	4.1561e-03	-4.6248e-03	-2.9993e-01	-5.8610e-01	8.7529e-01
295	9.1073e-03	1.4128e-03	-4.0767e-03	3.3187e-01	1.4220e-01	8.5377e-01
	9.1073e-03	-1.4489e-03	3.1499e-04	2.5215e-01	3.4561e-01	6.1806e-01
	-4.3921e-18	-1.2466e-03	2.3710e-03	-1.8363e-02	6.9917e-01	8.5179e-01
	-3.7814e-18	-3.3513e-03	-5.3956e-03	1.0522e-01	1.9279e-01	1.0306e+00
294	1.5042e-02	-1.7165e-03	2.2917e-03	7.8448e-01	1.6964e-01	-3.9564e-01

	1.5042e-02	1.0985e-03	7.3545e-04	-3.0238e-01	2.3514e-01	-1.8860e-01
	0.0000e+00	-5.6665e-04	2.0018e-03	-5.6815e-02	-6.7068e-01	-2.8818e-01
	0.0000e+00	-2.1416e-03	2.5147e-03	2.6804e-01	5.4560e-01	-4.6772e-01
293	-1.5817e-02	9.3214e-04	1.7346e-03	4.8427e-01	-6.2853e-02	-2.9786e-01
	-1.5817e-02	1.4341e-03	7.4780e-04	-2.3992e-01	-1.9900e-01	5.6876e-01
	0.0000e+00	1.4947e-03	2.1501e-03	-3.5494e-02	-6.5954e-01	5.6613e-01
	0.0000e+00	-1.2738e-03	2.1217e-03	-1.5238e-01	-5.1315e-01	-2.8322e-01
292	-8.4171e-03	1.4488e-03	1.3295e-03	-7.3835e-01	-3.5948e-02	6.9941e-01
	-8.4171e-03	-1.0531e-03	-2.0773e-03	5.9873e-01	-3.8778e-02	7.6295e-01
	0.0000e+00	-1.1733e-03	-4.2347e-03	1.4915e-01	3.6974e-01	9.7754e-01
	0.0000e+00	1.8961e-03	-3.6841e-03	-1.9424e-01	-5.4272e-01	8.9658e-01
291	-1.2348e-02	-1.0360e-03	-1.5688e-03	-2.2275e-01	1.1758e-01	7.1860e-01
	-1.2348e-02	-1.2164e-03	1.4989e-03	4.6410e-01	6.2731e-02	4.8715e-01
	0.0000e+00	-1.3019e-03	-2.2547e-03	9.7181e-02	6.5285e-01	5.7290e-01
	0.0000e+00	-1.0796e-03	-3.4770e-03	-4.7124e-02	4.5541e-01	7.9946e-01
290	-1.4764e-02	-1.2260e-03	1.2609e-03	4.4242e-01	6.7277e-02	3.8005e-01
	-1.4764e-02	8.6647e-04	7.0225e-04	-2.8704e-01	-5.5758e-02	2.9307e-01
	0.0000e+00	8.9648e-04	1.4223e-03	-6.6022e-02	-4.4628e-01	3.4091e-01
	0.0000e+00	-1.2032e-03	2.2800e-03	8.5612e-02	6.5471e-01	3.6122e-01
289	-1.2402e-02	8.6184e-04	5.7601e-04	-3.8837e-01	-5.6786e-02	3.6635e-01
	-1.2402e-02	4.4347e-04	-1.4609e-03	-2.8997e-01	-7.5492e-02	4.9349e-01
	0.0000e+00	4.4953e-04	-2.0197e-03	-7.4214e-02	-5.0638e-01	4.6863e-01
	0.0000e+00	8.5382e-04	1.2673e-03	-8.1338e-02	-4.3125e-01	3.3044e-01
288	-5.4472e-03	4.4486e-04	-1.3698e-03	-8.0365e-01	-1.8722e-01	4.8598e-01
	-5.4472e-03	1.0056e-03	6.6978e-04	1.0605e+00	7.0455e-01	3.3139e-01
	0.0000e+00	1.0056e-03	-9.5364e-04	1.6248e-01	-1.1142e+00	4.5282e-01
	0.0000e+00	4.3718e-04	-2.4327e-03	-7.3665e-02	-5.5042e-01	6.1484e-01
287	0.0000e+00	-2.7102e-03	3.2027e-03	1.7598e-02	-3.2286e-01	-4.1055e-01
	0.0000e+00	1.8782e-03	4.0586e-03	-1.2913e-02	3.3979e-01	-4.0048e-01
	6.4824e-03	-6.4343e-04	9.5977e-04	2.2198e-02	1.6173e-01	-1.7923e-01

262	0.0000e+00	0.0000e+00	0.0000e+00	2.1743e-01	-6.7347e-01	6.1932e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.7398e-01	5.7332e-01	7.2754e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0878e+00	1.4118e+00	1.0053e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.9270e-01	6.1443e-01	7.0147e-01
261	0.0000e+00	0.0000e+00	0.0000e+00	-6.3496e-01	1.1851e+00	6.5886e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.6336e-01	1.9625e+00	-3.8463e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9251e+00	-1.5145e+00	-5.6164e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1177e+00	-1.2769e+00	9.2046e-01
260	0.0000e+00	0.0000e+00	0.0000e+00	-8.0155e-01	-1.8685e+00	-2.8565e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.7873e-01	-1.8115e+00	-6.1827e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0563e+00	-1.5733e+00	-8.5294e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.0801e-01	1.6878e+00	-6.2100e-01
259	0.0000e+00	0.0000e+00	0.0000e+00	1.1786e+00	-1.7989e+00	-5.7204e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.3353e-01	-9.8418e-01	1.4033e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.2274e+00	-2.1820e+00	1.5515e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.0261e+00	-2.0968e+00	8.5459e-01
258	0.0000e+00	0.0000e+00	0.0000e+00	-2.1399e+00	3.9163e+00	-2.3235e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.1969e+01	9.3674e+00	-3.4130e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.8983e+00	-1.9799e+00	2.7195e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.3088e+00	2.5408e+00	-6.0722e-01
257	0.0000e+00	0.0000e+00	0.0000e+00	9.9988e+00	8.3483e+00	1.5687e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5549e+00	3.4860e+00	1.8229e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.2079e+00	4.3455e+00	-5.8440e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6734e+00	-1.4866e+00	-2.9894e+00
256	0.0000e+00	0.0000e+00	0.0000e+00	-2.3625e+00	2.7275e+00	-1.1018e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3807e+00	2.5939e+00	-1.0219e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5387e+00	4.3473e+00	-3.8904e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5257e+00	4.1446e+00	-5.8623e-01
255	0.0000e+00	0.0000e+00	0.0000e+00	-3.4554e+00	3.5322e+00	-2.0520e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.4628e+00	1.1192e+01	-1.6160e+00

	0.0000e+00	0.0000e+00	0.0000e+00	1.8115e+00	-1.0445e+00	9.3045e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4092e+00	4.5514e+00	-4.5708e-01
254	0.0000e+00	0.0000e+00	0.0000e+00	4.9246e+00	1.1327e+01	2.1999e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5365e+00	3.5644e+00	2.4134e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.3568e+00	4.1787e+00	-4.8999e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8244e+00	-1.2840e+00	6.5864e-01
253	0.0000e+00	0.0000e+00	0.0000e+00	-7.6398e-01	2.4356e+00	1.2299e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2637e+00	2.1531e+00	1.2769e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9518e+00	3.2167e+00	-3.7882e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2099e+00	3.8614e+00	-4.0129e-01
252	0.0000e+00	0.0000e+00	0.0000e+00	-2.3541e+00	2.5865e+00	-1.7927e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.8782e+00	6.4089e+00	-1.6879e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.5304e+00	-1.3417e+00	2.6019e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7324e+00	3.2209e+00	4.4167e-01
251	0.0000e+00	0.0000e+00	0.0000e+00	8.5497e+00	6.7877e+00	2.7840e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7329e+00	2.6377e+00	2.3391e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.9769e+00	2.2640e+00	5.2875e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.8188e-01	-1.6064e+00	2.4911e+00
250	0.0000e+00	0.0000e+00	0.0000e+00	-1.1286e+00	1.6040e+00	1.2572e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.1655e-01	6.8565e-01	1.0550e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.9341e-01	7.9635e-01	3.9944e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0275e+00	1.7503e+00	6.1374e-01
249	0.0000e+00	0.0000e+00	0.0000e+00	-4.4115e-01	-6.2072e-01	3.3885e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.1669e-01	-5.0718e-01	2.3679e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.7674e-01	3.0781e-01	4.4806e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.6976e-01	-6.8841e-01	2.9297e-01
248	0.0000e+00	0.0000e+00	0.0000e+00	-5.0315e-01	4.2534e-01	3.8919e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.8739e-01	2.2842e-01	-5.7694e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4190e-01	1.0071e-01	-7.2149e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.5251e-01	-2.3893e-01	5.1899e-01

247	0.0000e+00	0.0000e+00	0.0000e+00	-2.7692e-01	-1.0691e-01	-6.0084e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5632e-01	-7.8529e-02	-4.1919e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.3300e-01	1.6782e-01	-5.1387e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0754e-01	2.1467e-01	-7.0350e-01
246	0.0000e+00	0.0000e+00	0.0000e+00	2.7042e-01	4.1324e-01	5.8338e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.6015e-01	-6.2571e-01	9.9586e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8366e+00	2.3443e+00	1.4181e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.9152e-01	4.8681e-01	1.0018e+00
245	0.0000e+00	0.0000e+00	0.0000e+00	1.2713e+00	-1.8190e+00	-5.7025e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1024e-01	-3.9904e-01	-1.1516e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.5983e-01	-6.2509e-01	-5.0358e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.1196e-01	-7.3666e-01	6.6005e-01
244	0.0000e+00	0.0000e+00	0.0000e+00	-5.3742e-01	5.7733e-01	-4.8350e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.9180e-01	4.2375e-01	5.2240e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.6498e-01	-4.2819e-01	5.2076e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.0441e-01	-6.2877e-01	-4.8952e-01
243	0.0000e+00	0.0000e+00	0.0000e+00	3.6398e-01	3.9834e-01	5.2096e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.3220e-01	-8.8033e-01	7.6649e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8884e+00	2.1344e+00	1.0823e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.2358e-01	-4.0521e-01	6.7527e-01
242	0.0000e+00	0.0000e+00	0.0000e+00	1.2314e+00	-1.7196e+00	-6.2906e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2287e-01	-4.6593e-01	-9.4027e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.0729e-01	-8.6575e-01	-7.6939e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1271e+00	-7.3211e-01	1.0250e+00
241	0.0000e+00	0.0000e+00	0.0000e+00	-9.2851e-01	4.9394e-01	-7.0190e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.3501e-01	1.2051e+00	7.6954e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.4954e-01	-1.8527e+00	8.4385e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.9581e-01	-1.1186e+00	7.6612e-01
240	0.0000e+00	0.0000e+00	0.0000e+00	-2.0144e+00	2.0802e+00	-5.1145e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.1036e-01	-1.1386e+00	-2.9015e+00

	0.0000e+00	0.0000e+00	0.0000e+00	6.4337e+00	4.7827e+00	1.7854e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4932e+00	-2.4026e+00	1.8263e+00
239	0.0000e+00	0.0000e+00	0.0000e+00	6.4714e+00	7.8555e+00	3.3540e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5044e+00	1.5353e+00	-2.4344e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.3741e+00	1.7752e+00	6.6300e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2014e+00	-8.6869e-01	2.1947e+00
238	0.0000e+00	0.0000e+00	0.0000e+00	-2.8100e+00	-2.6161e+00	-6.3444e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.8817e-01	-1.3396e+00	-5.0953e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1334e+00	-9.9185e-01	5.8725e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.0104e-01	5.1568e-01	-5.8439e-01
237	0.0000e+00	0.0000e+00	0.0000e+00	6.3493e-01	-2.4528e-01	1.1873e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.2419e-01	-2.2081e+00	7.3050e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.2145e-01	-4.8019e-01	-6.3053e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1260e-01	-1.1857e+00	6.8510e-01
236	0.0000e+00	0.0000e+00	0.0000e+00	7.3510e-01	-7.3711e-01	8.4401e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0982e+00	-2.4482e+00	5.4762e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.4550e-01	-9.9889e-01	-6.9556e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.7901e-01	-1.6108e+00	4.3075e-01
235	0.0000e+00	0.0000e+00	0.0000e+00	-2.7303e+00	-2.8186e+00	-9.0002e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.6024e-01	-1.7897e+00	-6.1118e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1623e+00	-1.3972e+00	3.3702e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0345e+00	-9.6360e-01	-4.9695e-01
234	0.0000e+00	0.0000e+00	0.0000e+00	1.2193e+00	-3.2017e+00	1.1772e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.3863e+00	-6.8619e+00	1.7118e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5851e+00	1.7057e+00	-1.5627e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5182e+00	-1.9200e+00	4.0758e-01
233	0.0000e+00	0.0000e+00	0.0000e+00	-6.1080e+00	-6.0655e+00	-1.4247e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.8462e+00	-1.5573e+00	-2.5331e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9328e+00	-2.6719e+00	7.5954e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0540e+00	1.0445e+00	1.8297e+00

232	0.0000e+00	0.0000e+00	0.0000e+00	1.2864e+00	1.7849e+00	-8.7367e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1640e+00	2.2643e+00	-7.9238e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9544e+00	-1.1593e+00	-4.5735e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2030e+00	-1.2235e+00	5.5316e-01
231	0.0000e+00	0.0000e+00	0.0000e+00	2.3539e+00	1.1852e+00	5.3989e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1158e+00	1.6685e+00	8.3106e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.5726e-01	-1.2316e+00	5.6257e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2599e+00	-1.1337e+00	8.1346e-01
230	0.0000e+00	0.0000e+00	0.0000e+00	-2.0130e+00	2.1710e+00	-4.2670e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7331e+00	2.0575e+00	6.1235e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2750e+00	-1.3473e+00	4.6581e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4717e+00	-1.2760e+00	-4.8770e-01
229	0.0000e+00	0.0000e+00	0.0000e+00	-1.2644e+00	2.3335e+00	5.8860e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3308e+00	2.3879e+00	4.4156e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0775e+00	-1.0833e+00	2.9179e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0227e+00	-1.1528e+00	4.1118e-01
228	0.0000e+00	0.0000e+00	0.0000e+00	1.3936e+00	2.3601e+00	3.6704e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4149e+00	2.0730e+00	-3.9767e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.7907e-01	-1.1400e+00	-4.8702e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0889e+00	-1.0987e+00	-3.0042e-01
227	0.0000e+00	0.0000e+00	0.0000e+00	-1.1625e+00	1.7534e+00	-5.0709e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6174e+00	1.6306e+00	2.7496e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.4539e-01	-1.0708e+00	5.0650e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.3669e-01	-1.2240e+00	-5.1589e-01
226	0.0000e+00	0.0000e+00	0.0000e+00	-1.7829e+00	1.6599e+00	6.7524e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.9154e-01	1.4400e+00	9.5172e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.9799e-01	-8.2813e-01	-6.7752e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1389e+00	-9.3278e-01	4.6079e-01
225	0.0000e+00	0.0000e+00	0.0000e+00	6.3312e-01	1.3424e+00	9.7705e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1410e+00	9.5833e-01	-6.2140e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-3.3870e-01	-7.4231e-01	-4.4262e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.1889e-01	-8.1003e-01	-6.8864e-01
224	0.0000e+00	0.0000e+00	0.0000e+00	-6.9945e-01	-1.0353e+00	5.1317e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.3844e-01	-7.1240e-01	4.9460e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.1279e-01	-1.4647e+00	4.6176e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.1270e-01	-1.0925e+00	5.1447e-01
223	0.0000e+00	0.0000e+00	0.0000e+00	5.6567e-01	-1.6484e+00	6.3366e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1751e+00	-2.2800e+00	4.6983e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6624e+00	-1.8641e+00	4.5096e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.0195e-01	-1.6075e+00	3.0961e-01
222	0.0000e+00	0.0000e+00	0.0000e+00	-4.5727e-01	8.6147e-01	1.3120e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.5298e-01	1.6167e+00	1.1509e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4138e+00	2.3982e+00	2.3675e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.0426e-01	-1.8902e+00	2.6195e+00
221	0.0000e+00	0.0000e+00	0.0000e+00	-9.3498e-01	2.4612e+00	1.0396e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0689e+00	2.1764e+00	-5.9062e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5114e+00	-1.2497e+00	-1.2105e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3760e+00	1.9104e+00	1.0415e+00
220	0.0000e+00	0.0000e+00	0.0000e+00	-1.0779e+00	-1.9325e+00	-4.5907e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.4066e-01	-2.2287e+00	-5.7855e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1959e+00	-1.8507e+00	-1.2350e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.8763e-01	1.4338e+00	-1.3427e+00
219	0.0000e+00	0.0000e+00	0.0000e+00	1.2927e+00	-2.8198e+00	-5.6841e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.9960e-01	-1.4715e+00	1.7120e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.3868e+00	-2.4313e+00	1.9080e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.0563e+00	1.9516e+00	-8.0659e-01
218	0.0000e+00	0.0000e+00	0.0000e+00	-4.6969e+00	2.7672e+00	-2.8983e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.0065e+00	1.1203e+01	-2.2387e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.2181e+00	-1.4318e+00	2.8067e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.7086e+00	4.2024e+00	6.1404e-01

217	0.0000e+00	0.0000e+00	0.0000e+00	1.1067e+01	1.2529e+01	3.0498e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.0099e+00	4.8986e+00	2.0664e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.3612e+00	3.9925e+00	-5.4456e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.0683e+00	-1.7577e+00	-2.3502e+00
216	0.0000e+00	0.0000e+00	0.0000e+00	-2.2294e+00	3.3518e+00	-1.1096e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5015e+00	2.2195e+00	-1.1814e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7778e+00	4.5493e+00	-6.6962e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0870e+00	3.9936e+00	-5.5914e-01
215	0.0000e+00	0.0000e+00	0.0000e+00	-2.8663e+00	2.8391e+00	-2.0318e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6173e+00	9.1178e+00	1.5402e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4029e+00	-1.0006e+00	9.2919e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7690e+00	4.4130e+00	6.6190e-01
214	0.0000e+00	0.0000e+00	0.0000e+00	4.1250e+00	8.1584e+00	2.9189e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-9.9777e-01	2.4358e+00	2.3512e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-9.7187e-01	2.8465e+00	-6.1755e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.4154e-01	-1.0061e+00	9.4872e-01
213	0.0000e+00	0.0000e+00	0.0000e+00	-5.1887e-01	2.1664e+00	-1.1230e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0322e+00	1.2904e+00	-1.1026e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0218e+00	3.5665e+00	-6.3333e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.3182e-01	2.5703e+00	-6.8545e-01
212	0.0000e+00	0.0000e+00	0.0000e+00	-3.3071e+00	1.9685e+00	-2.5521e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.7113e+00	9.8266e+00	-2.4135e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1996e+00	-1.1717e+00	7.1173e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3620e+00	4.0836e+00	-6.2867e-01
211	0.0000e+00	0.0000e+00	0.0000e+00	3.6658e+00	1.0144e+01	2.4436e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8762e+00	2.1097e+00	2.9955e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.5707e-01	3.0996e+00	-7.1846e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2130e+00	-1.3228e+00	8.1500e-01
210	0.0000e+00	0.0000e+00	0.0000e+00	3.7170e-01	9.3015e-01	1.5283e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.4544e-01	4.5671e-01	1.3419e+00

	0.0000e+00	0.0000e+00	0.0000e+00	-1.1692e+00	1.2340e+00	-5.3141e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.1333e-01	2.5359e+00	-7.3597e-01
209	0.0000e+00	0.0000e+00	0.0000e+00	4.9807e-01	6.2827e-01	4.8646e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.4587e-01	5.0614e-01	4.2114e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.1414e-01	4.6297e-01	7.2476e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.3849e-01	-4.9123e-01	7.0096e-01
208	0.0000e+00	0.0000e+00	0.0000e+00	-7.9650e-01	5.4091e-01	4.4471e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.1995e-01	8.2373e-01	-6.4246e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2614e+00	8.9430e-01	-5.8882e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.5956e-01	-3.1616e-01	6.8140e-01
207	0.0000e+00	0.0000e+00	0.0000e+00	-7.6815e-01	5.3035e-01	-7.4449e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.7409e-01	6.3165e-01	-1.0293e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1860e+00	-1.0433e+00	-1.4729e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0716e+00	1.1700e+00	-1.1102e+00
206	0.0000e+00	0.0000e+00	0.0000e+00	6.7168e-01	1.8061e+00	3.0560e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-9.1060e+00	-6.5533e+00	3.0495e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.0669e+00	4.6186e+00	2.9290e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.6567e+00	-1.8930e+00	1.2535e+00
205	0.0000e+00	0.0000e+00	0.0000e+00	-3.3652e+00	-4.1639e+00	-3.5559e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.2958e+00	-9.4792e+00	-2.8786e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0455e+00	-1.9645e+00	1.7182e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7342e+00	3.5623e+00	-1.7056e+00
204	0.0000e+00	0.0000e+00	0.0000e+00	-2.3552e+00	-1.4754e+00	-1.2535e+00
	0.0000e+00	0.0000e+00	0.0000e+00	9.0226e-01	1.5366e+00	2.3417e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.3698e+00	-2.7213e+00	2.1887e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.9894e+00	-1.9335e+00	1.1648e+00
203	0.0000e+00	0.0000e+00	0.0000e+00	8.3531e-01	2.8789e+00	3.4691e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.6612e+00	-8.1188e+00	2.2906e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.6992e+00	6.3986e+00	1.7247e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.2697e+00	-3.1530e+00	3.4036e+00

202	0.0000e+00	0.0000e+00	0.0000e+00	5.5077e+00	-3.7782e+00	2.2129e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.3870e+00	-2.9851e+00	1.1498e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1938e+00	-1.3440e+00	3.1447e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.1106e+00	2.0587e+00	2.5567e+00
201	0.0000e+00	0.0000e+00	0.0000e+00	-1.7559e+00	-1.7972e+00	-1.9524e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0123e+00	-1.7148e+00	1.2465e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.8010e+00	-3.0643e+00	1.2164e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1833e+00	-3.0785e+00	-1.9544e+00
200	0.0000e+00	0.0000e+00	0.0000e+00	7.9565e-01	2.7070e+00	1.7851e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.1574e+01	-8.2298e+00	2.8891e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.1303e+00	5.2156e+00	3.5237e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.4953e+00	-3.2689e+00	1.7853e+00
199	0.0000e+00	0.0000e+00	0.0000e+00	5.0008e+00	-2.4628e+00	5.0220e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.5678e+00	-1.0462e+01	2.6947e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.7241e+00	-1.3385e+00	3.6643e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8505e+00	4.4659e+00	2.7381e+00
198	0.0000e+00	0.0000e+00	0.0000e+00	-4.3545e+00	-3.0485e+00	1.4390e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.5957e+00	-2.6154e+00	1.3455e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6696e+00	-2.0193e+00	6.9491e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3419e+00	-9.5951e-01	5.7548e-01
197	0.0000e+00	0.0000e+00	0.0000e+00	-1.3577e+00	-1.0682e+00	-9.1578e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3388e+00	-1.4113e+00	-1.0006e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3978e+00	1.1438e+00	-7.3221e-01
196	0.0000e+00	0.0000e+00	0.0000e+00	3.2340e+00	-4.2442e+00	1.9080e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.0201e+00	-1.1722e+01	1.5751e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1636e+00	-7.5893e-01	-9.4782e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4978e+00	-4.5424e+00	6.0168e-01
195	0.0000e+00	0.0000e+00	0.0000e+00	-6.7000e+00	-1.1475e+01	-2.2355e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.4439e+00	-4.1535e+00	-2.4891e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7892e+00	-3.6313e+00	6.4161e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-2.3559e+00	1.2180e+00	-8.0680e-01
194	0.0000e+00	0.0000e+00	0.0000e+00	2.8765e+00	-3.7092e+00	1.1635e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.7989e+00	-8.3355e+00	1.6934e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5076e+00	-1.0703e+00	-1.5031e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6706e+00	-2.9908e+00	5.6485e-01
193	0.0000e+00	0.0000e+00	0.0000e+00	-5.0742e+00	-7.8538e+00	-2.2444e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.1779e+00	-2.7759e+00	-2.1855e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7521e+00	-1.7788e+00	1.0706e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8984e+00	1.3020e+00	-1.4785e+00
192	0.0000e+00	0.0000e+00	0.0000e+00	2.0606e+00	2.0384e+00	-1.1807e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5224e+00	2.0617e+00	-5.7097e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6384e+00	-1.6979e+00	-5.3012e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5753e+00	-1.5221e+00	-1.1579e+00
191	0.0000e+00	0.0000e+00	0.0000e+00	2.0906e+00	1.5608e+00	1.4588e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.7536e+00	1.6910e+00	1.4037e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5641e+00	-1.4613e+00	1.2853e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3543e+00	-1.1276e+00	1.3974e+00
190	0.0000e+00	0.0000e+00	0.0000e+00	-1.7887e+00	1.8657e+00	-3.8733e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6794e+00	2.1156e+00	5.6893e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2646e+00	-1.9533e+00	3.8189e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3290e+00	-1.7125e+00	-4.2663e-01
189	0.0000e+00	0.0000e+00	0.0000e+00	-1.7708e+00	2.2764e+00	6.8379e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5282e+00	2.3554e+00	5.9514e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9711e+00	-2.1749e+00	3.8322e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6545e+00	-2.1421e+00	3.8655e-01
188	0.0000e+00	0.0000e+00	0.0000e+00	1.3884e+00	2.2993e+00	4.1175e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3457e+00	-1.5747e+00	-7.2493e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9606e+00	-2.0224e+00	-9.6446e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6687e+00	-2.2582e+00	-5.3985e-01
187	0.0000e+00	0.0000e+00	0.0000e+00	-1.0780e+00	-1.5095e+00	-6.8015e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-1.0143e+00	1.3562e+00	-6.5656e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3452e+00	-1.3010e+00	9.5259e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3376e+00	-1.6837e+00	9.7328e-01
186	0.0000e+00	0.0000e+00	0.0000e+00	-1.2017e+00	1.4224e+00	-6.5456e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3787e+00	2.0550e+00	-7.2618e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1300e+00	-9.6058e-01	-9.5883e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9057e+00	-1.1412e+00	1.0779e+00
185	0.0000e+00	0.0000e+00	0.0000e+00	1.1094e+00	2.1555e+00	4.9310e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.6986e-01	1.2196e+00	-5.2874e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.8528e-01	-9.0529e-01	-8.1344e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1407e+00	-9.1056e-01	-7.8993e-01
184	0.0000e+00	0.0000e+00	0.0000e+00	1.9148e+00	-2.5417e+00	1.3595e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0182e+00	-2.9668e+00	1.3152e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.1096e-01	-4.4382e+00	-6.4560e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7498e+00	-2.5955e+00	4.6943e-01
183	0.0000e+00	0.0000e+00	0.0000e+00	1.2312e+00	-3.6795e+00	1.0436e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.4491e+00	-3.0644e+00	-1.1971e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.3008e+00	-3.2397e+00	-4.9545e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3518e+00	-3.5321e+00	3.7120e-01
182	0.0000e+00	0.0000e+00	0.0000e+00	-1.5371e+00	-1.2385e+00	1.4893e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.7983e+00	-1.4495e+00	-8.9098e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6731e+00	-3.7141e+00	2.0863e+00
181	0.0000e+00	0.0000e+00	0.0000e+00	8.8698e-01	-8.8502e-01	-1.0303e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.5205e-01	-9.3854e-01	-6.6410e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8734e+00	-1.4009e+00	9.7620e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0580e+00	-2.4858e+00	1.0276e+00
180	0.0000e+00	0.0000e+00	0.0000e+00	-9.5099e-01	-4.7603e-01	1.4376e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-9.5501e-01	1.1560e+00	8.9906e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3224e+00	2.1285e+00	2.2639e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.2675e+00	-3.1000e+00	2.8887e+00

179	0.0000e+00	0.0000e+00	0.0000e+00	-1.2548e+00	1.7726e+00	7.9715e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.4930e-01	1.1825e+00	-6.6022e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3985e+00	-1.6529e+00	-1.1659e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8640e+00	1.9063e+00	-5.4233e-01
178	0.0000e+00	0.0000e+00	0.0000e+00	7.2853e-01	-9.7532e-01	-6.4166e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.4673e-01	-1.2668e+00	-3.6483e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.4835e-01	-1.0977e+00	-1.0967e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.6079e-01	-1.2462e+00	-1.3101e+00
177	0.0000e+00	0.0000e+00	0.0000e+00	8.0461e-01	-2.0399e+00	-3.6642e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.5641e-01	-7.4617e-01	1.1920e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.6743e-01	-9.0609e-01	1.6800e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.2284e+00	-8.2242e-01	-5.4626e-01
176	0.0000e+00	0.0000e+00	0.0000e+00	-3.4162e+00	1.9026e+00	-3.7804e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.3748e+00	1.2445e+01	-2.9730e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.6106e+00	1.2740e+00	1.2579e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1411e+00	4.1046e+00	5.7645e-01
175	0.0000e+00	0.0000e+00	0.0000e+00	4.0571e+00	1.2608e+01	2.3421e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7554e+00	2.8565e+00	2.7522e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0791e+00	5.0229e+00	-6.2416e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5162e+00	-8.2882e-01	1.3457e+00
174	0.0000e+00	0.0000e+00	0.0000e+00	5.6577e-01	2.0203e+00	-6.7280e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7018e+00	2.6565e+00	-6.5309e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4514e+00	4.3504e+00	-4.3550e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0409e+00	4.6901e+00	-5.4551e-01
173	0.0000e+00	0.0000e+00	0.0000e+00	-2.8696e+00	3.9321e+00	-2.4559e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0615e+01	1.2865e+01	-3.0809e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.2237e+00	2.2474e+00	2.0387e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6612e+00	4.4272e+00	-3.8232e-01
172	0.0000e+00	0.0000e+00	0.0000e+00	6.6413e+00	1.1713e+01	2.3422e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.9690e+00	2.2928e+00	3.9645e+00

	0.0000e+00	0.0000e+00	0.0000e+00	2.0629e+00	4.6803e+00	-7.8020e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2504e+00	-1.2322e+00	-2.3544e+00
171	0.0000e+00	0.0000e+00	0.0000e+00	-1.7010e+00	1.5454e+00	-1.9063e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1330e+00	1.8779e+00	-1.2935e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1531e+00	1.1768e+00	-4.8216e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3991e+00	4.4632e+00	-6.8938e-01
170	0.0000e+00	0.0000e+00	0.0000e+00	-1.6457e+00	-7.1005e-01	-9.2009e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7161e+00	-1.3546e+00	-1.0554e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.4031e-01	-9.3627e-01	-7.2633e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6058e+00	-1.6525e+00	-6.9479e-01
169	0.0000e+00	0.0000e+00	0.0000e+00	2.6488e+00	2.9115e+00	5.3476e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.9949e-01	1.7085e+00	-4.9996e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.5789e-01	5.5658e-01	-6.7786e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.7306e-01	-1.3243e+00	3.2783e-01
168	0.0000e+00	0.0000e+00	0.0000e+00	5.0284e-01	1.3599e+00	-5.9451e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.1818e-01	8.5574e-01	-6.4100e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4580e-01	5.3226e-01	-6.9434e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.3830e-01	5.2754e-01	-7.4547e-01
167	0.0000e+00	0.0000e+00	0.0000e+00	6.0802e-01	3.2720e-01	7.0554e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.7077e-01	3.5625e-01	5.0933e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.9122e-01	4.1694e-01	6.1529e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.8105e-01	-1.9571e-01	7.8827e-01
166	0.0000e+00	0.0000e+00	0.0000e+00	5.4740e-01	4.4682e-01	4.6726e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.7629e-01	9.6975e-01	-5.0356e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6528e+00	5.6573e-01	-4.1162e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.7176e-01	2.7996e-01	6.8131e-01
165	0.0000e+00	0.0000e+00	0.0000e+00	7.3630e-01	7.2896e-01	-6.9592e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.6668e-01	8.6723e-01	-1.2617e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.2663e+00	7.0671e-01	-1.7541e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-9.9195e-01	6.2422e-01	-1.1315e+00

164	0.0000e+00	0.0000e+00	0.0000e+00	9.1445e-01	9.1541e-01	4.3079e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.4965e+00	-1.0076e+01	3.8295e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.8131e+00	-3.0719e+00	-9.8048e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.0520e-01	-2.2965e+00	9.9297e-01
163	0.0000e+00	0.0000e+00	0.0000e+00	-2.7855e+00	-2.1521e+00	2.2258e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6291e+00	-2.0344e+00	-5.7570e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4529e+00	-5.1124e+00	-1.8322e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1749e+01	-5.2131e+00	3.6084e+00
162	0.0000e+00	0.0000e+00	0.0000e+00	-1.2541e+00	-1.8219e+00	7.9834e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.6980e-01	-9.0101e-01	1.1457e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.0020e-01	-3.2951e+00	9.5596e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.7019e-01	-1.9953e+00	6.5346e-01
161	0.0000e+00	0.0000e+00	0.0000e+00	1.5311e+00	1.2266e+00	2.7559e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.3529e+00	-8.9225e+00	2.9600e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.4330e+00	-3.3590e+00	1.1159e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.2291e+00	-4.1034e+00	1.0640e+00
160	0.0000e+00	0.0000e+00	0.0000e+00	-2.7734e+00	-3.5883e+00	1.2715e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-9.2729e+00	-2.8361e+00	1.9990e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3498e+00	-2.4347e+00	2.5959e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4971e+00	2.2394e+00	-1.3040e+00
159	0.0000e+00	0.0000e+00	0.0000e+00	-1.3886e+00	-1.4177e+00	-1.2407e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4368e+00	-2.3047e+00	1.8702e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.2221e+00	-2.5275e+00	1.9937e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4863e+00	-2.3718e+00	-9.9938e-01
158	0.0000e+00	0.0000e+00	0.0000e+00	-2.5126e+00	3.6961e+00	3.1988e+00
	0.0000e+00	0.0000e+00	0.0000e+00	9.4539e+00	-7.2812e+00	2.2972e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.0628e+00	5.6135e+00	9.6401e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.8383e+00	-2.9124e+00	3.1299e+00
157	0.0000e+00	0.0000e+00	0.0000e+00	5.3286e+00	-7.7350e+00	3.9093e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.5015e+00	8.1988e+00	1.5673e+00

	0.0000e+00	0.0000e+00	0.0000e+00	1.4803e+00	3.0642e+00	3.7451e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.1417e+00	2.7646e+00	3.0653e+00
156	0.0000e+00	0.0000e+00	0.0000e+00	-6.2535e-01	-6.8299e-01	-6.1933e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.2672e-01	-6.0502e-01	-7.2257e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1374e+00	9.4169e-01	-1.1123e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.6821e+00	1.5708e+00	-1.0280e+00
155	0.0000e+00	0.0000e+00	0.0000e+00	-6.8906e-01	-1.2962e+00	4.5929e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8791e+00	-1.1723e+00	8.7546e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.5431e+00	-1.4226e+00	8.3167e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.0484e-01	-1.0719e+00	3.3003e-01
154	0.0000e+00	0.0000e+00	0.0000e+00	1.2906e+00	-2.5383e+00	9.9534e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2549e+00	-3.8569e+00	7.6598e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.3999e-01	-1.0307e+00	-1.0723e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.8662e-01	-1.4563e+00	-8.2638e-01
153	0.0000e+00	0.0000e+00	0.0000e+00	-3.9077e+00	-3.8271e+00	-1.1222e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2271e+00	-3.1160e+00	9.9972e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5867e+00	-1.7085e+00	5.7720e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2412e+00	1.1321e+00	-8.6483e-01
152	0.0000e+00	0.0000e+00	0.0000e+00	5.1155e+00	-3.6960e+00	2.3853e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.9011e+00	-1.1143e+01	1.9005e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5378e+00	1.9641e+00	2.5770e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9737e+00	-3.6732e+00	4.8017e-01
151	0.0000e+00	0.0000e+00	0.0000e+00	-1.1312e+01	-1.0934e+01	-2.8445e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.2407e+00	-4.0961e+00	-1.9538e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5075e+00	-1.7450e+00	7.4792e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7880e+00	2.8131e+00	2.1364e+00
150	0.0000e+00	0.0000e+00	0.0000e+00	-1.1316e+00	2.2682e+00	9.0856e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1147e+00	2.2199e+00	6.8729e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3007e+00	-1.6788e+00	1.0021e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3067e+00	-1.4211e+00	1.2408e+00

149	0.0000e+00	0.0000e+00	0.0000e+00	-1.4423e+00	1.2608e+00	1.0959e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1973e+00	2.0529e+00	9.6933e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6181e+00	-1.3904e+00	1.2286e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6431e+00	-6.6674e-01	1.3242e+00
148	0.0000e+00	0.0000e+00	0.0000e+00	-1.0675e+00	1.9268e+00	-6.7959e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3037e+00	1.7786e+00	3.1502e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3505e+00	-1.3448e+00	3.2611e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6147e+00	-1.5394e+00	6.4991e-01
147	0.0000e+00	0.0000e+00	0.0000e+00	-1.9768e+00	1.9886e+00	5.0038e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5175e+00	2.2675e+00	-9.5463e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1324e+00	-1.0907e+00	-8.5497e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5883e+00	-1.3438e+00	4.6661e-01
146	0.0000e+00	0.0000e+00	0.0000e+00	1.0756e+00	2.1177e+00	-1.0581e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.3913e+00	1.5319e+00	-1.0007e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.6293e-01	-9.6842e-01	-9.4568e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0224e+00	-1.0390e+00	-8.9725e-01
145	0.0000e+00	0.0000e+00	0.0000e+00	-1.2957e+00	1.1541e+00	-9.1320e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5249e+00	1.2523e+00	-5.5643e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.6098e-01	8.6545e-01	-4.4056e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.8654e-01	1.0143e+00	-9.0084e-01
144	0.0000e+00	0.0000e+00	0.0000e+00	-1.9970e+00	-1.4422e+00	9.8422e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6631e+00	-1.7781e+00	1.0887e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.9906e-01	1.1743e+00	7.3247e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3384e+00	1.7061e+00	4.8634e-01
143	0.0000e+00	0.0000e+00	0.0000e+00	6.6475e-01	6.9726e-01	-4.6436e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.8698e-01	-7.2290e-01	-4.6790e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.0098e-01	-7.8409e-01	-5.6786e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.3695e-01	-8.1813e-01	-5.7750e-01
142	0.0000e+00	0.0000e+00	0.0000e+00	4.6028e-01	-1.8697e+00	7.7300e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.5699e-01	-2.3160e+00	6.9864e-01

	0.0000e+00	0.0000e+00	0.0000e+00	4.9703e-01	-1.5502e+00	-8.0586e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.0836e-01	-1.1170e+00	-6.1798e-01
141	0.0000e+00	0.0000e+00	0.0000e+00	1.9030e+00	-2.7817e+00	1.2919e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.6348e+00	-3.0604e+00	7.9758e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6318e+00	-3.3140e+00	3.1528e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8992e+00	-2.2328e+00	4.4158e-01
140	0.0000e+00	0.0000e+00	0.0000e+00	1.0435e+00	-1.6076e+00	-4.8958e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.5166e-01	-8.5464e-01	-4.9652e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1192e+00	-1.8489e+00	7.3198e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.0814e+00	-1.6638e+00	6.1820e-01
139	0.0000e+00	0.0000e+00	0.0000e+00	-8.2242e-01	1.9745e+00	-2.7586e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4225e+00	-2.2503e+00	4.1526e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6790e+00	-2.1535e+00	2.1872e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.4920e+00	-5.9160e+00	2.2139e+00
138	0.0000e+00	0.0000e+00	0.0000e+00	-2.1059e-01	-1.3594e+00	7.2521e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.6715e-01	-3.2755e-01	5.3854e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.2601e-01	5.7725e-01	7.1140e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.7292e-01	1.4814e+00	9.1706e-01
137	0.0000e+00	0.0000e+00	0.0000e+00	8.1385e-01	-7.3371e-01	-6.6353e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0751e+00	-7.7080e-01	4.0601e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.0474e+00	8.8955e-01	3.1024e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4052e+00	6.9627e-01	-6.9405e-01
136	0.0000e+00	0.0000e+00	0.0000e+00	8.7861e-01	-4.1216e-01	3.4887e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.2916e-01	2.9662e-01	4.6292e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.1579e-01	3.4517e-01	9.0169e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0205e+00	-5.9156e-01	7.3622e-01
135	0.0000e+00	0.0000e+00	0.0000e+00	7.9723e-01	4.9263e-01	7.0307e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.5332e-01	6.4593e-01	-7.4350e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0440e+00	6.7080e-01	-9.0090e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.1288e-01	5.1340e-01	8.1821e-01

134	0.0000e+00	0.0000e+00	0.0000e+00	7.9735e-01	3.0861e-01	-7.9627e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.2584e-01	-3.5797e-01	-6.0826e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3697e+00	4.7369e-01	-9.1747e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.9660e-01	6.7333e-01	-1.1199e+00
133	0.0000e+00	0.0000e+00	0.0000e+00	1.3892e+00	2.5297e+00	5.8941e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.5032e+00	-1.9727e+00	1.0908e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.4800e+00	5.9624e+00	1.4532e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.0450e-01	4.3988e-01	2.1165e+00
132	0.0000e+00	0.0000e+00	0.0000e+00	1.2810e+00	1.7053e+00	-8.3058e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.6666e-01	3.3633e+00	-1.3184e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.3527e+00	1.6570e+00	-7.3533e-01
131	0.0000e+00	0.0000e+00	0.0000e+00	-1.3898e+00	1.8470e+00	-1.0954e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3403e+00	1.2989e+00	1.7877e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.5195e+00	-3.7012e+00	9.4840e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2093e+00	-1.3887e+00	-8.8418e-01
130	0.0000e+00	0.0000e+00	0.0000e+00	1.4562e+00	2.1904e+00	4.3574e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1202e+01	-1.3770e+01	5.2950e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.1091e+00	4.5481e+00	3.1078e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.8521e+00	-4.5746e+00	1.2147e+00
129	0.0000e+00	0.0000e+00	0.0000e+00	-5.8555e+00	-3.6522e+00	-4.2710e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1803e+01	-8.1086e+00	2.2890e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.9073e+00	-2.3018e+00	3.4807e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.0810e+00	4.6290e+00	1.2904e+00
128	0.0000e+00	0.0000e+00	0.0000e+00	-1.6827e+00	1.3213e+00	-9.4413e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.6019e-01	1.5190e+00	-7.6319e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3545e+00	-2.5385e+00	7.0891e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1100e+00	-2.4954e+00	-8.2865e-01
127	0.0000e+00	0.0000e+00	0.0000e+00	1.6325e+00	1.8272e+00	3.4483e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.7829e+00	-1.2491e+01	2.8718e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.1698e+00	4.4918e+00	-1.5943e+00

	0.0000e+00	0.0000e+00	0.0000e+00	2.5419e+00	-4.1468e+00	8.7785e-01
126	0.0000e+00	0.0000e+00	0.0000e+00	3.9792e+00	-4.9572e+00	7.0192e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2727e+01	-3.5840e+00	3.5594e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.1737e+00	-2.2846e+00	4.6895e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.7677e+00	-2.0014e+00	1.0904e+00
125	0.0000e+00	0.0000e+00	0.0000e+00	-1.9257e+00	4.2817e-01	-2.0685e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.7257e-01	-2.6105e-01	-1.2211e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.0398e-01	4.7717e-01	-8.9608e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.6750e-01	-5.8284e-01	-1.9893e+00
124	0.0000e+00	0.0000e+00	0.0000e+00	-8.8073e-01	-8.4797e-01	6.0582e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1481e+00	-5.2977e-01	-3.4459e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.0580e-01	-1.3857e+00	1.1013e+00
123	0.0000e+00	0.0000e+00	0.0000e+00	5.0765e-01	-6.9295e-01	-3.6452e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.0505e-01	-1.1321e+00	2.7169e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3068e+00	-7.8024e-01	-5.4623e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.1036e-01	-4.9340e-01	-8.9159e-01
122	0.0000e+00	0.0000e+00	0.0000e+00	8.5928e-01	-1.3427e+00	3.1362e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.8213e-01	-1.1593e+00	8.0274e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.2541e-01	-4.0289e-01	1.1804e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.0839e+00	-6.5609e-01	5.3076e-01
121	0.0000e+00	0.0000e+00	0.0000e+00	2.9735e-01	-5.0855e-01	8.9246e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8758e-01	3.3769e-01	3.7828e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4547e+00	-5.5711e-01	6.0062e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.3448e-01	-6.1529e-01	1.2008e+00
120	0.0000e+00	0.0000e+00	0.0000e+00	-4.7950e-01	-2.1356e+00	-6.0493e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8731e+00	1.8492e+00	-1.1668e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.0535e+00	-8.7133e+00	-2.1407e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.0337e+00	-7.3797e-01	-2.7723e+00
119	0.0000e+00	0.0000e+00	0.0000e+00	-9.2915e+00	2.7276e+00	1.3675e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.7810e+00	-1.3430e+00	1.1879e+00

	0.0000e+00	0.0000e+00	0.0000e+00	-1.9477e+00	9.8038e-01	7.7453e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4336e+00	3.2653e+00	-2.5360e+00
118	0.0000e+00	0.0000e+00	0.0000e+00	-2.0043e-01	-1.5755e+00	-6.6385e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.3282e-01	-1.2765e+00	-8.1688e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.7624e-01	1.2348e+00	1.1909e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5789e-01	1.1565e+00	1.2459e+00
117	0.0000e+00	0.0000e+00	0.0000e+00	-2.2954e+00	4.6719e-01	8.0965e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.5092e-01	9.4650e-01	-2.4859e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.3657e+00	-2.6342e+00	-2.3129e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.3189e-01	1.4784e+00	-1.0898e+00
116	0.0000e+00	0.0000e+00	0.0000e+00	-2.2209e+00	-6.5764e+00	-1.6394e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.3401e+00	-5.3337e-01	2.3522e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.8255e-01	-2.3769e+00	8.3363e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.5841e+00	6.5163e-01	-8.7230e-01
115	0.0000e+00	0.0000e+00	0.0000e+00	1.0600e+00	-5.3625e-01	-7.5307e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5888e+00	-9.8872e-01	-7.6330e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2049e+00	2.0194e+00	-8.9531e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.8300e-01	2.0680e+00	-8.5060e-01
114	0.0000e+00	0.0000e+00	0.0000e+00	2.0248e+00	-1.4765e+00	-6.4151e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0267e+00	2.2969e+00	2.5514e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.8896e+00	-6.6473e+00	-2.3646e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.6059e+00	2.8459e+00	-2.0310e+00
113	0.0000e+00	0.0000e+00	0.0000e+00	1.7304e+00	-1.4923e+00	6.2810e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4394e+00	-1.2269e+00	4.6715e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.9868e-01	6.3395e-01	6.0441e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4995e+00	-8.6729e-01	8.9085e-01
112	0.0000e+00	0.0000e+00	0.0000e+00	6.1625e-01	-7.7701e-01	2.1595e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.7119e+00	-5.5941e+00	2.6743e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1921e+00	-1.5118e+00	-1.7641e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.8014e+00	-1.4331e+00	6.6444e-01

111	0.0000e+00	0.0000e+00	0.0000e+00	2.1293e+00	-2.4846e+00	1.1062e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.9211e+00	-3.4251e+00	1.4298e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5884e+00	-1.0026e+00	-1.1588e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-9.9688e-01	-1.0729e+00	-4.0412e-01
110	0.0000e+00	0.0000e+00	0.0000e+00	-3.4850e+00	-3.6604e+00	-1.7193e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.6475e+00	-2.9130e+00	1.0341e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1057e+00	-1.6580e+00	5.4152e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.8506e-01	1.2013e+00	-1.3753e+00
109	0.0000e+00	0.0000e+00	0.0000e+00	1.5559e+00	-2.8578e+00	1.1899e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.9777e+00	-3.6365e+00	-6.9151e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.9090e-01	-9.1360e-01	-9.1817e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0956e+00	-1.7468e+00	4.0567e-01
108	0.0000e+00	0.0000e+00	0.0000e+00	-4.6065e+00	-3.8505e+00	-1.0511e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.4993e-01	-2.3313e+00	-4.4630e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2830e+00	-8.1024e-01	3.4489e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5535e+00	8.5320e-01	-5.8688e-01
107	0.0000e+00	0.0000e+00	0.0000e+00	-2.0139e+00	1.4115e+00	-3.0312e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.9144e+00	9.7690e+00	-2.1799e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.0581e+00	9.9010e-01	1.0613e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-9.3165e-01	3.2842e+00	-4.4399e-01
106	0.0000e+00	0.0000e+00	0.0000e+00	2.6487e+00	9.7717e+00	1.8172e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3045e+00	1.8481e+00	2.7936e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.5450e-01	3.7234e+00	-3.9751e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1643e+00	2.6512e-01	5.1150e-01
105	0.0000e+00	0.0000e+00	0.0000e+00	-9.9249e-01	1.7094e+00	-1.3251e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.0684e+00	2.5573e+00	-1.0392e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4544e+00	2.8971e+00	-1.7092e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0545e+00	1.6647e+00	-5.5239e-01
104	0.0000e+00	0.0000e+00	0.0000e+00	6.3894e+00	3.5311e+00	-1.8632e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-9.4777e-01	3.0209e+00	-9.4685e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-2.1356e+00	1.7635e+00	-6.7777e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.1809e-01	1.0658e+00	-2.0567e+00
103	0.0000e+00	0.0000e+00	0.0000e+00	-1.5005e+00	3.0349e+00	-2.1431e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.5371e+00	7.5624e+00	-1.9633e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.8289e+00	1.5015e+00	2.7494e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1662e+00	3.1342e+00	-5.4191e-01
102	0.0000e+00	0.0000e+00	0.0000e+00	8.2696e+00	7.4343e+00	2.3455e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2665e+00	2.4354e+00	2.0242e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0524e+00	2.7494e+00	-5.0271e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7072e+00	1.9720e+00	-2.8216e+00
101	0.0000e+00	0.0000e+00	0.0000e+00	-8.3366e-01	1.7528e+00	5.8853e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2948e+00	1.7414e+00	3.0943e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.9384e-01	7.4267e-01	3.2473e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.2690e-01	6.8535e-01	6.2889e-01
100	0.0000e+00	0.0000e+00	0.0000e+00	1.6876e+00	-1.2398e+00	-5.2846e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6763e+00	-1.4363e+00	8.4668e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.3980e-01	-7.4149e-01	1.0697e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.4560e+00	-1.0394e+00	-6.3765e-01
99	0.0000e+00	0.0000e+00	0.0000e+00	1.0983e+00	-1.5171e+00	-9.6748e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1625e+00	-1.8045e+00	-9.5455e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.7195e-01	-6.9722e-01	-8.7442e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.2813e-01	-1.1581e+00	-8.3016e-01
98	0.0000e+00	0.0000e+00	0.0000e+00	-1.0517e+00	-7.4206e-01	-2.8938e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1091e+00	-6.3990e-01	5.6391e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.4499e-01	7.6734e-01	7.0122e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.3583e-01	5.9857e-01	3.0852e-01
97	0.0000e+00	0.0000e+00	0.0000e+00	1.7700e+00	-2.6601e+00	7.1716e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5021e+00	-2.5353e+00	6.6353e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0404e+00	-2.0063e+00	5.6733e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.3396e-01	-1.7511e+00	6.5829e-01

96	0.0000e+00	0.0000e+00	0.0000e+00	1.0422e+00	-9.6077e-01	3.3034e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4232e+00	-1.4839e+00	5.5034e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8396e+00	-1.5437e+00	4.1769e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2899e+00	1.2021e+00	-5.2399e-01
95	0.0000e+00	0.0000e+00	0.0000e+00	-1.1427e+00	2.5147e+00	-8.2166e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2379e+00	2.2601e+00	-9.6916e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6534e+00	2.5984e+00	-9.5334e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4130e+00	2.0177e+00	-6.1748e-01
94	0.0000e+00	0.0000e+00	0.0000e+00	-9.8662e-01	7.5181e-01	-1.1304e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-9.3661e-01	-9.1543e-01	-8.5924e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3844e+00	1.1785e+00	-5.5620e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.2256e-01	1.2050e+00	-9.5075e-01
93	0.0000e+00	0.0000e+00	0.0000e+00	8.7296e-01	-1.1952e+00	-3.9041e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.5841e-01	-7.7295e-01	-3.5271e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.7309e-01	5.8582e-01	-2.0852e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.8329e-01	7.7184e-01	-3.3134e-01
92	0.0000e+00	0.0000e+00	0.0000e+00	1.2232e+00	1.7980e+00	-2.4746e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2017e+00	1.9376e+00	-5.5955e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.6466e-01	7.5790e-01	-4.9423e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0162e+00	7.1601e-01	-1.5635e-01
91	0.0000e+00	0.0000e+00	0.0000e+00	-7.0833e-01	1.3454e+00	-1.1632e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4959e+00	1.3409e+00	-7.7583e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.3791e-01	1.0088e+00	-4.0657e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0706e+00	7.6705e-01	-8.4172e-01
90	0.0000e+00	0.0000e+00	0.0000e+00	5.3855e-01	-7.9343e-01	-9.1394e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0310e+00	7.1050e-01	-9.7972e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4347e+00	-9.5817e-01	-7.5295e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.3180e-01	-6.4466e-01	9.1026e-01
89	0.0000e+00	0.0000e+00	0.0000e+00	7.2760e-01	8.8857e-01	7.2155e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.9449e-01	-1.0089e+00	3.1252e-01

	0.0000e+00	0.0000e+00	0.0000e+00	7.7646e-01	7.5463e-01	-7.0561e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0812e+00	1.1121e+00	-4.3499e-01
88	0.0000e+00	0.0000e+00	0.0000e+00	-1.3556e+00	2.5788e+00	1.3828e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4738e+00	-1.1688e+00	1.5109e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1951e+00	-6.0577e-01	-1.0311e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4259e+00	-1.2674e+00	-8.9415e-01
87	0.0000e+00	0.0000e+00	0.0000e+00	-3.4506e-01	1.3200e+00	-1.8775e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.5280e-01	-5.9590e-01	-1.8762e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.4566e-01	-5.3269e-01	-6.7577e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.8328e-01	-5.8083e-01	-9.4726e-01
86	0.0000e+00	0.0000e+00	0.0000e+00	-8.5359e-01	9.2243e-01	-7.7125e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.3367e-01	1.2006e+00	-1.1847e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.1713e+00	1.8079e+00	1.0894e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4959e+00	1.7308e+00	-5.7143e-01
85	0.0000e+00	0.0000e+00	0.0000e+00	-7.7319e-01	9.6041e-01	-1.1411e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-9.6008e-01	1.1137e+00	7.5333e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.9846e+00	1.9522e+00	1.2220e+00
	0.0000e+00	0.0000e+00	0.0000e+00	9.6430e-01	1.8817e+00	1.3135e+00
84	0.0000e+00	0.0000e+00	0.0000e+00	3.3558e+00	-9.8064e-01	5.5036e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0753e+00	-1.0421e+00	2.0810e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.2767e+00	-4.0469e+00	2.0907e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8669e+00	-3.8135e+00	-7.3707e-01
83	0.0000e+00	0.0000e+00	0.0000e+00	-2.2156e-02	-1.7436e-02	5.7680e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1990e-01	-1.8826e-02	8.0394e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-8.9739e-02	-9.3054e-02	1.1105e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7660e-02	-1.4713e-01	8.9775e-02
82	0.0000e+00	0.0000e+00	0.0000e+00	-1.3103e-01	-1.6902e-02	8.9078e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3723e-01	-1.4360e-02	1.0709e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3950e-01	-7.7220e-02	1.2035e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1824e-01	-8.9126e-02	1.0384e-01

81	0.0000e+00	0.0000e+00	0.0000e+00	-1.3729e-01	-1.3481e-02	1.1114e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1571e-01	-1.3071e-02	1.2453e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2745e-01	-7.1650e-02	1.3081e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4015e-01	-7.6672e-02	1.1798e-01
80	0.0000e+00	0.0000e+00	0.0000e+00	-1.0671e-01	1.3403e-02	1.2603e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.9588e-02	1.2039e-02	1.3860e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.4657e-02	6.7116e-02	1.4393e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1936e-01	7.1820e-02	1.3140e-01
79	0.0000e+00	0.0000e+00	0.0000e+00	-6.8915e-02	1.2903e-02	1.3923e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.7535e-02	1.0986e-02	1.5059e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.9782e-02	6.1437e-02	1.5823e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.4600e-02	6.8178e-02	1.4701e-01
78	0.0000e+00	0.0000e+00	0.0000e+00	-3.9699e-02	1.2143e-02	1.4997e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2408e-02	1.0355e-02	1.5607e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.7871e-02	5.7358e-02	1.6657e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.1410e-02	6.3704e-02	1.6113e-01
77	0.0000e+00	0.0000e+00	0.0000e+00	-3.2550e-02	1.2206e-02	1.5369e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.6556e-02	1.0606e-02	1.5119e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.8109e-02	6.0976e-02	1.6269e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.8576e-02	5.9807e-02	1.6647e-01
76	0.0000e+00	0.0000e+00	0.0000e+00	3.9585e-02	1.3434e-02	1.4774e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.1280e-02	1.2850e-02	1.3864e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.4874e-02	7.3297e-02	1.4947e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.3343e-02	6.2621e-02	1.5967e-01
75	0.0000e+00	0.0000e+00	0.0000e+00	4.5422e-02	1.7118e-02	1.3551e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.8980e-02	1.6322e-02	1.2770e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.6120e-02	8.0971e-02	1.3514e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.0476e-02	7.4798e-02	1.4236e-01
74	0.0000e+00	0.0000e+00	0.0000e+00	3.1987e-02	1.2970e-02	1.2745e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1963e-02	1.7195e-02	1.2860e-01

	0.0000e+00	0.0000e+00	0.0000e+00	4.8189e-02	7.9577e-02	1.3482e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.5985e-02	8.0325e-02	1.3310e-01
73	0.0000e+00	0.0000e+00	0.0000e+00	2.0079e-02	1.1277e-02	1.3075e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.8695e-02	1.6336e-02	1.3853e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.3049e-02	7.2277e-02	1.4384e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.5782e-02	7.5492e-02	1.3556e-01
72	0.0000e+00	0.0000e+00	0.0000e+00	5.3094e-02	9.4779e-03	1.4169e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.3347e-02	1.4583e-02	1.5192e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1490e-01	6.2379e-02	1.5706e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.5888e-02	6.7334e-02	1.4630e-01
71	0.0000e+00	0.0000e+00	0.0000e+00	1.1181e-01	8.4564e-03	1.5472e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6048e-01	1.2234e-02	1.6244e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7468e-01	5.4048e-02	1.6946e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3279e-01	5.8039e-02	1.6105e-01
70	0.0000e+00	0.0000e+00	0.0000e+00	1.7654e-01	9.2474e-03	1.6337e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1608e-01	1.0059e-02	1.6176e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1350e-01	6.0046e-02	1.7459e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.9003e-01	5.2186e-02	1.7535e-01
69	0.0000e+00	0.0000e+00	0.0000e+00	2.1847e-01	1.2976e-02	1.5716e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1152e-01	1.7484e-02	1.3925e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8587e-01	9.8421e-02	1.6471e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1606e-01	6.2064e-02	1.8201e-01
68	0.0000e+00	0.0000e+00	0.0000e+00	1.9638e-01	2.3907e-02	1.2565e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.5599e-02	2.2708e-02	9.4425e-02
	0.0000e+00	0.0000e+00	0.0000e+00	3.0215e-02	2.1305e-01	1.4671e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4369e-01	1.0589e-01	1.7790e-01
67	0.0000e+00	0.0000e+00	0.0000e+00	2.3263e-01	4.2690e-02	-1.7690e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.1134e-01	2.4599e-02	-2.6718e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.2013e-01	1.4080e-01	-2.7376e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5275e-01	1.3230e-01	-1.8405e-01

66	0.0000e+00	0.0000e+00	0.0000e+00	3.2382e-01	3.0734e-02	-3.0459e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.1180e-01	2.5120e-02	-4.1571e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1157e-01	1.6907e-01	-4.0481e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.3386e-01	1.3874e-01	-2.9463e-01
65	0.0000e+00	0.0000e+00	0.0000e+00	2.7135e-01	3.1394e-02	-4.6553e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7846e-01	6.5856e-02	-5.8549e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6587e-01	2.0932e-01	-5.4557e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.9045e-01	1.6880e-01	-4.2744e-01
64	0.0000e+00	0.0000e+00	0.0000e+00	1.9046e-01	4.3211e-02	-5.8929e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1519e+00	-2.2625e-01	-6.5751e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.5319e-01	5.0431e-01	-6.3158e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.3824e-01	2.2053e-01	-5.5796e-01
63	0.0000e+00	0.0000e+00	0.0000e+00	6.0326e-01	-6.5520e-01	6.0468e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.8989e-01	-7.0448e-01	4.1116e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.7028e-01	-2.9724e-01	3.5345e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.9731e-01	-3.7835e-01	5.5568e-01
62	0.0000e+00	0.0000e+00	0.0000e+00	7.6142e-01	-6.7492e-01	2.5036e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.3179e-01	-4.1552e-01	-2.1452e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.3546e-01	-2.7198e-01	2.3488e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.2337e-01	-2.9728e-01	3.7161e-01
61	0.0000e+00	0.0000e+00	0.0000e+00	6.3941e-01	-4.0513e-01	-1.6892e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.4897e-01	5.9426e-01	-2.1055e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.4340e-01	-2.1745e-01	2.9618e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.6127e-01	-3.3341e-01	2.2579e-01
60	0.0000e+00	0.0000e+00	0.0000e+00	5.7226e-01	5.6189e-01	5.0601e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8852e-01	-4.3835e-01	6.8910e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.5431e-01	2.2820e-01	4.1057e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.8508e-01	-2.7491e-01	2.2067e-01
59	0.0000e+00	0.0000e+00	0.0000e+00	4.1620e-01	-4.6784e-01	6.0120e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.9733e-01	-7.5513e-01	4.3726e-01

	0.0000e+00	0.0000e+00	0.0000e+00	2.9290e-01	2.9228e-01	-2.5612e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.8879e-01	-3.1826e-01	3.7592e-01
58	0.0000e+00	0.0000e+00	0.0000e+00	5.6086e-01	-7.8097e-01	-2.8306e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.1735e-01	6.2429e-01	-3.2003e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.9725e-01	3.4266e-01	-1.8088e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.6986e-01	-3.8271e-01	2.8864e-01
57	0.0000e+00	0.0000e+00	0.0000e+00	-5.3222e-01	6.5662e-01	-2.6227e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.7210e-01	7.2848e-01	-4.0923e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.3441e-01	3.5677e-01	4.4033e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.7803e-01	4.1745e-01	-1.8683e-01
56	0.0000e+00	0.0000e+00	0.0000e+00	-7.8349e-01	7.3528e-01	8.6615e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.4537e-01	-8.1758e-01	1.0106e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.8320e-01	3.8838e-01	5.9523e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.1967e-01	3.3005e-01	3.7735e-01
55	0.0000e+00	0.0000e+00	0.0000e+00	3.9158e-01	-8.3311e-01	9.5629e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.4338e-01	-1.4031e+00	6.5445e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.0604e-01	-7.1478e-01	-3.2432e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.2345e-01	-5.5678e-01	6.1350e-01
54	0.0000e+00	0.0000e+00	0.0000e+00	4.8639e-01	-1.4450e+00	-3.8280e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.5390e-01	1.3765e+00	-2.5923e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.8828e-01	8.5000e-01	2.0739e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5236e-01	7.4318e-01	4.1008e-01
53	0.0000e+00	0.0000e+00	0.0000e+00	-7.5519e-01	1.3631e+00	-3.0516e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.1062e-01	1.2326e+00	5.8321e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.8225e-01	6.6790e-01	4.5089e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.7461e-01	8.1289e-01	1.9870e-01
52	0.0000e+00	0.0000e+00	0.0000e+00	-6.2306e-01	1.1928e+00	8.9340e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.0448e-01	-6.7826e-01	9.9877e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.0164e-01	4.9651e-01	5.0683e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8665e-01	5.6103e-01	3.7999e-01

51	0.0000e+00	0.0000e+00	0.0000e+00	-4.0890e-01	-7.3356e-01	7.8043e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.7717e-01	-1.1305e+00	5.4729e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5947e-01	-5.7728e-01	2.5430e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4855e-01	-4.8366e-01	5.0846e-01
50	0.0000e+00	0.0000e+00	0.0000e+00	-5.9797e-01	-1.1764e+00	3.5361e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.6033e-01	1.4029e+00	-2.6128e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.1897e-01	-7.4901e-01	1.9109e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.9797e-01	-6.9296e-01	2.9861e-01
49	0.0000e+00	0.0000e+00	0.0000e+00	-6.9372e-01	1.4690e+00	3.1296e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.9583e-01	1.2733e+00	4.8003e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.8238e-01	9.0469e-01	3.5394e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.1451e-01	-7.6186e-01	1.9179e-01
48	0.0000e+00	0.0000e+00	0.0000e+00	-4.3710e-01	1.4243e+00	5.8602e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.9451e-01	2.3316e+00	5.9179e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2956e-01	-6.8411e-01	3.9096e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1125e-01	-9.3054e-01	3.6835e-01
47	0.0000e+00	0.0000e+00	0.0000e+00	-6.0781e-01	-7.4946e-02	-3.9272e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1945e-01	-5.6632e-02	-3.0586e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3801e-01	-1.4523e-01	-2.5943e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.2024e-01	-2.1060e-01	-3.4800e-01
46	0.0000e+00	0.0000e+00	0.0000e+00	-1.7523e-01	-3.0915e-02	-2.6845e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9557e-01	-3.0126e-02	-1.9416e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6936e-01	-9.9424e-02	-1.7848e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9579e-01	-1.4402e-01	-2.4995e-01
45	0.0000e+00	0.0000e+00	0.0000e+00	-2.0128e-01	-2.0884e-02	-1.6765e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6043e-01	-2.6332e-02	-1.1023e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2356e-01	-8.3699e-02	-1.1390e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6836e-01	-1.0051e-01	-1.6888e-01
44	0.0000e+00	0.0000e+00	0.0000e+00	-1.2654e-01	9.5552e-02	1.3725e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0039e-01	9.1628e-02	1.5006e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-1.3008e-01	1.4451e-01	1.6704e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5414e-01	-1.4722e-01	1.5494e-01
43	0.0000e+00	0.0000e+00	0.0000e+00	-9.0612e-02	9.1836e-02	1.5051e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.6527e-02	8.6020e-02	1.6633e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.7068e-02	1.4362e-01	1.8802e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2048e-01	1.4441e-01	1.7374e-01
42	0.0000e+00	0.0000e+00	0.0000e+00	-5.5499e-02	8.7232e-02	1.6453e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.2710e-02	8.0991e-02	1.7687e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.0747e-02	1.4145e-01	2.0507e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.5781e-02	1.4701e-01	1.9401e-01
41	0.0000e+00	0.0000e+00	0.0000e+00	-4.2659e-02	8.2702e-02	1.7210e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.9103e-02	8.1557e-02	1.7428e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.7727e-02	1.3510e-01	2.0874e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.7626e-02	1.4532e-01	2.0805e-01
40	0.0000e+00	0.0000e+00	0.0000e+00	5.7624e-02	8.6574e-02	1.6901e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.5205e-02	9.3058e-02	1.6077e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0636e-01	1.4221e-01	1.9645e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.7662e-02	1.3733e-01	2.0883e-01
39	0.0000e+00	0.0000e+00	0.0000e+00	9.6310e-02	1.1113e-01	1.4984e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.1832e-02	1.0866e-01	1.3752e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2330e-01	1.5813e-01	1.6538e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4833e-01	1.4479e-01	1.7626e-01
38	0.0000e+00	0.0000e+00	0.0000e+00	6.8425e-02	1.0189e-01	1.4110e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.9452e-02	1.0965e-01	1.3949e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.9234e-02	1.6118e-01	1.6014e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1469e-01	1.6203e-01	1.6072e-01
37	0.0000e+00	0.0000e+00	0.0000e+00	5.2840e-02	9.9828e-02	1.4421e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.1847e-02	1.0114e-01	1.5087e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0524e-01	1.5079e-01	1.7154e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.3197e-02	1.5782e-01	1.6365e-01

36	0.0000e+00	0.0000e+00	0.0000e+00	8.0012e-02	9.0129e-02	1.5634e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2462e-01	8.8300e-02	1.6672e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5379e-01	1.3662e-01	1.8799e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1347e-01	1.4535e-01	1.7697e-01
35	0.0000e+00	0.0000e+00	0.0000e+00	1.3546e-01	7.8324e-02	1.7156e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8647e-01	7.6170e-02	1.8313e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1043e-01	1.2669e-01	2.0864e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6610e-01	1.3154e-01	1.9638e-01
34	0.0000e+00	0.0000e+00	0.0000e+00	1.8851e-01	7.2097e-02	1.8549e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.2627e-01	8.0436e-02	1.9399e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.3804e-01	1.3637e-01	2.3279e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1460e-01	1.2523e-01	2.2297e-01
33	0.0000e+00	0.0000e+00	0.0000e+00	2.0680e-01	9.0425e-02	1.9052e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.9963e-01	1.3102e-01	1.9132e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.9405e-01	1.9730e-01	2.5538e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.2377e-01	1.4480e-01	2.5337e-01
32	0.0000e+00	0.0000e+00	0.0000e+00	2.1261e-01	1.9608e-01	-3.0021e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.0631e-01	2.2456e-01	-3.7871e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7375e-01	2.6396e-01	-3.4593e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6342e-01	2.2111e-01	-2.6936e-01
31	0.0000e+00	0.0000e+00	0.0000e+00	1.6798e-01	2.3902e-01	-4.4141e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4818e-01	3.4241e-01	-5.0593e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8858e-01	3.8643e-01	-4.0809e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5895e-01	2.9222e-01	-3.4776e-01
30	0.0000e+00	0.0000e+00	0.0000e+00	4.2500e-01	-2.1244e-01	3.2915e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.6644e-01	-2.1856e-01	2.7185e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.0302e-01	1.8417e-01	2.8573e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.1596e-01	1.7183e-01	3.4253e-01
29	0.0000e+00	0.0000e+00	0.0000e+00	3.6797e-01	-2.2865e-01	2.6837e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.9267e-01	2.1229e-01	2.7125e-01

	0.0000e+00	0.0000e+00	0.0000e+00	2.4804e-01	1.9067e-01	2.6532e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.8800e-01	1.9084e-01	2.7364e-01
28	0.0000e+00	0.0000e+00	0.0000e+00	2.6858e-01	2.1489e-01	3.0560e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.3085e-01	1.9105e-01	3.1571e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8844e-01	1.9454e-01	2.5219e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.2957e-01	1.9104e-01	2.4348e-01
27	0.0000e+00	0.0000e+00	0.0000e+00	2.2332e-01	2.0876e-01	2.9911e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.5325e-01	2.5507e-01	2.7303e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8795e-01	2.1699e-01	2.1938e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.9232e-01	2.0517e-01	2.3700e-01
26	0.0000e+00	0.0000e+00	0.0000e+00	2.9176e-01	2.7875e-01	2.2200e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.3596e-01	3.0142e-01	2.1394e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.3989e-01	2.2705e-01	2.1074e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1569e-01	2.3972e-01	2.1443e-01
25	0.0000e+00	0.0000e+00	0.0000e+00	3.9436e-01	3.3012e-01	2.2505e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.0947e-01	3.0100e-01	3.0886e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.0673e-01	2.3828e-01	2.7832e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.6492e-01	2.4326e-01	2.0462e-01
24	0.0000e+00	0.0000e+00	0.0000e+00	3.4479e-01	2.8121e-01	4.5148e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.6402e-01	4.2689e-01	4.6548e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.2402e-01	2.1813e-01	3.4041e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.3253e-01	2.0311e-01	2.8078e-01
23	0.0000e+00	0.0000e+00	0.0000e+00	2.7329e-01	4.0577e-01	4.6848e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7009e-01	5.9817e-01	3.9668e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7589e-01	3.0644e-01	2.8992e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.0705e-01	2.5911e-01	3.4504e-01
22	0.0000e+00	0.0000e+00	0.0000e+00	-2.9275e-01	5.8964e-01	3.3375e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1073e-01	6.3960e-01	2.7212e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7282e-01	3.5821e-01	2.6772e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7743e-01	3.4048e-01	3.1678e-01

21	0.0000e+00	0.0000e+00	0.0000e+00	-3.3331e-01	6.1822e-01	2.8244e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8976e-01	5.0188e-01	3.3702e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0122e-01	3.1876e-01	2.7827e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6737e-01	3.5291e-01	2.6702e-01
20	0.0000e+00	0.0000e+00	0.0000e+00	-2.8494e-01	4.7803e-01	3.9088e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5269e-01	-3.6927e-01	4.1677e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0790e-01	2.4472e-01	2.6888e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7861e-01	2.8072e-01	2.5990e-01
19	0.0000e+00	0.0000e+00	0.0000e+00	-2.8490e-01	-3.7599e-01	3.6666e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2078e-01	-4.7874e-01	3.0170e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3267e-01	-2.5355e-01	2.0465e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1440e-01	2.4399e-01	2.6469e-01
18	0.0000e+00	0.0000e+00	0.0000e+00	-3.4671e-01	-4.9544e-01	2.2309e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.7489e-01	-5.7328e-01	1.9944e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5931e-01	-2.8739e-01	1.9928e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4942e-01	-2.7878e-01	2.0846e-01
17	0.0000e+00	0.0000e+00	0.0000e+00	-3.7036e-01	-5.8449e-01	2.2239e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.3302e-01	-5.7658e-01	3.1646e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1846e-01	-2.7524e-01	2.7862e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5571e-01	-2.8986e-01	1.9276e-01
16	0.0000e+00	0.0000e+00	0.0000e+00	-1.9425e-01	-1.9680e-01	-2.3321e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6869e-01	-1.5068e-01	-1.8891e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6442e-01	-1.7126e-01	-1.5973e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2668e-01	-2.3270e-01	-1.9911e-01
15	0.0000e+00	0.0000e+00	0.0000e+00	-1.6036e-01	-1.3764e-01	-1.5883e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1661e-01	-1.2768e-01	-1.2137e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0289e-01	-1.3650e-01	-1.2338e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5259e-01	-1.6139e-01	-1.5731e-01
14	0.0000e+00	0.0000e+00	0.0000e+00	-1.4825e-01	-9.9895e-02	1.2929e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2992e-01	-9.6122e-02	1.3510e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-1.5801e-01	-1.4891e-01	1.5340e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7068e-01	-1.5132e-01	1.4914e-01
13	0.0000e+00	0.0000e+00	0.0000e+00	-1.3393e-01	1.6633e-01	1.8490e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0756e-01	1.6949e-01	2.0140e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6769e-01	2.4195e-01	2.4407e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8016e-01	2.0845e-01	2.3600e-01
12	0.0000e+00	0.0000e+00	0.0000e+00	-1.0426e-01	1.6621e-01	2.1858e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1998e-01	1.6106e-01	2.2320e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6525e-01	2.0186e-01	2.9763e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5364e-01	2.7236e-01	2.7667e-01
11	0.0000e+00	0.0000e+00	0.0000e+00	1.7036e-01	1.8648e-01	1.8551e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6839e-01	1.9370e-01	1.5904e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.2860e-01	2.1750e-01	1.9815e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.4597e-01	1.8072e-01	2.4322e-01
10	0.0000e+00	0.0000e+00	0.0000e+00	1.3508e-01	1.7650e-01	1.7162e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2131e-01	1.8969e-01	1.6897e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7571e-01	2.1291e-01	1.9804e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.0015e-01	2.0932e-01	2.0254e-01
9	0.0000e+00	0.0000e+00	0.0000e+00	1.0829e-01	1.7653e-01	1.7696e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2169e-01	1.7598e-01	1.8375e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6409e-01	1.9293e-01	2.1935e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6026e-01	2.0679e-01	2.1048e-01
8	0.0000e+00	0.0000e+00	0.0000e+00	1.2532e-01	1.6336e-01	1.9300e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6863e-01	1.5892e-01	2.0265e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1200e-01	1.8250e-01	2.3741e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6546e-01	1.8780e-01	2.2831e-01
7	0.0000e+00	0.0000e+00	0.0000e+00	1.7907e-01	1.4914e-01	2.1228e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.2619e-01	1.4640e-01	2.3040e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.7551e-01	1.7825e-01	2.6006e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1829e-01	1.7965e-01	2.4353e-01

6	0.0000e+00	0.0000e+00	0.0000e+00	2.2714e-01	1.4115e-01	2.3719e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.5398e-01	1.4980e-01	2.6626e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.0273e-01	1.6545e-01	3.0712e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.6893e-01	1.7530e-01	2.7713e-01
5	0.0000e+00	0.0000e+00	0.0000e+00	-1.4147e-01	2.6343e-01	2.7830e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4497e-01	2.9176e-01	2.6112e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.0985e-02	1.7698e-01	2.1788e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.1124e-02	1.6224e-01	2.3126e-01
4	0.0000e+00	0.0000e+00	0.0000e+00	-1.4967e-01	2.8121e-01	2.5614e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5844e-01	2.5393e-01	2.4603e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0152e-01	1.7736e-01	2.0463e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.1286e-02	1.7492e-01	2.2192e-01
3	0.0000e+00	0.0000e+00	0.0000e+00	-1.9020e-01	2.0546e-01	2.1894e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1726e-01	-2.1839e-01	2.0194e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6462e-01	-1.6527e-01	1.6495e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4279e-01	1.6403e-01	1.8124e-01
2	0.0000e+00	0.0000e+00	0.0000e+00	-2.2185e-01	-2.2151e-01	1.8389e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4140e-01	-2.2860e-01	1.8831e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8152e-01	-1.6678e-01	1.6788e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7058e-01	-1.6558e-01	1.6177e-01
1	0.0000e+00	0.0000e+00	0.0000e+00	2.4226e-01	1.9748e-01	-2.6133e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5065e-01	1.5507e-01	-2.1391e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.9224e-01	1.9812e-01	-3.2386e-01

2.10.4 Condizione "(1) Dinamica SLVh X"

Elemento	Nx (kg)	Ny (kg)	Nxy (kg)	Mx (kgxcm)	My (kgxcm)	Mxy (kgxcm)
340	-9.6245e-04	-4.4298e-04	2.6935e-03	-2.9278e-01	1.4986e-01	7.4852e-01
	-6.0668e-04	1.2551e-02	1.1395e-03	5.6585e-01	1.3817e+00	-6.0723e-01
	-9.9463e-04	1.2011e-02	4.7647e-03	-1.2433e-01	-1.2938e+00	-7.4980e-01
	-1.2499e-03	-1.2301e-03	7.6212e-03	-4.3112e-01	-3.4503e-01	1.0251e+00
339	3.3305e-02	-1.5511e-03	2.2299e-03	-2.4515e-01	-3.2985e-01	6.8109e-01

	3.3305e-02	2.0815e-03	2.4400e-03	1.0957e+00	-1.6615e-01	5.4584e-01
	0.0000e+00	2.9669e-03	4.9890e-03	3.5146e-01	-8.2201e-01	5.5510e-01
	0.0000e+00	-1.7907e-03	6.1736e-03	-7.7330e-02	-6.0962e-01	8.0293e-01
338	-3.7114e-02	2.6219e-03	1.7541e-03	-3.6336e-01	4.8822e-01	5.3386e-01
	-3.7114e-02	2.0016e-03	-4.1016e-03	5.2602e-01	1.8089e-01	-8.1708e-01
	0.0000e+00	1.6695e-03	2.8476e-03	2.0208e-01	3.6911e-01	1.0028e+00
	0.0000e+00	1.1890e-03	2.4536e-03	-3.3611e-02	-1.0348e+00	6.8947e-01
337	-2.9591e-02	2.5432e-03	1.6933e-03	1.8830e-01	3.0779e-01	-1.0280e+00
	-2.9591e-02	-2.1067e-03	-4.8597e-03	3.0798e-01	1.7685e-01	-1.2246e+00
	0.0000e+00	-3.9860e-03	-2.0175e-03	1.1244e-01	-2.1501e-01	-1.3657e+00
	0.0000e+00	2.1588e-03	-1.1073e-03	-3.4803e-02	6.0598e-01	-1.2340e+00
336	2.0422e-02	-2.0760e-03	1.4364e-03	-6.7390e-02	-1.5501e-01	-1.1926e+00
	2.0422e-02	-2.3749e-03	3.8583e-03	-3.9179e-01	-2.4295e-01	-1.1993e+00
	-1.6704e-17	-5.8438e-03	-3.4218e-03	-1.8194e-01	-4.1647e-01	-1.3056e+00
	-1.7304e-17	-4.1145e-03	-2.4614e-03	1.7626e-02	1.9412e-01	-1.3567e+00
335	1.3936e-02	-1.6245e-03	1.5460e-03	-1.6243e-01	-3.6449e-01	9.5404e-01
	1.3936e-02	1.8169e-03	3.3582e-03	2.8915e-01	3.5721e-01	9.0015e-01
	-1.0489e-17	4.7358e-03	2.5536e-03	-1.4986e-01	-3.6049e-01	1.0433e+00
	-1.0101e-17	-4.1748e-03	-2.3191e-03	1.6919e-02	-2.3446e-01	1.0910e+00
334	-9.9928e-03	6.0520e-04	1.4484e-03	3.3089e-01	2.9399e-01	-5.3366e-01
	-9.9928e-03	9.1621e-04	-1.5433e-03	1.6316e-01	3.5124e-01	-4.6752e-01
	0.0000e+00	1.1627e-03	-1.7659e-03	-2.6843e-02	-2.6426e-01	-4.3447e-01
	0.0000e+00	9.5567e-04	-3.3119e-03	1.8964e-01	3.8017e-01	-4.9264e-01
333	7.1338e-03	7.4442e-04	-1.4116e-03	4.1917e-01	-1.9035e-01	-4.8774e-01
	7.1338e-03	-8.7098e-04	3.3438e-04	-6.0898e-02	-2.3341e-01	-5.0607e-01
	-3.5177e-18	-1.2052e-03	1.9248e-03	1.7490e-02	-2.9390e-01	-6.0661e-01
	-3.3974e-18	2.3306e-03	-2.5064e-03	1.6318e-01	2.8032e-01	-5.5430e-01
332	7.3568e-03	-9.1293e-04	-1.7051e-03	-4.7668e-01	-1.8176e-01	6.1130e-01
	7.3568e-03	-7.3732e-04	3.1012e-04	1.3146e-01	-1.9424e-01	5.4625e-01
	-3.1755e-18	-4.8897e-04	1.3335e-03	2.3305e-02	3.0901e-01	7.0403e-01

	2.9952e-18	-1.4941e-03	2.0673e-03	-1.6241e-01	-3.1159e-01	7.1394e-01
331	-7.6147e-03	-8.3504e-04	1.2222e-03	-3.8093e-01	7.4165e-02	5.3005e-01
	-7.6147e-03	7.0872e-04	3.3118e-04	2.5610e-01	1.7040e-01	3.4635e-01
	0.0000e+00	7.6594e-04	6.3297e-04	3.2466e-02	5.0050e-01	4.7058e-01
	0.0000e+00	-6.9326e-04	1.2994e-03	-1.2344e-01	2.4035e-01	6.3769e-01
330	-7.7214e-03	6.9153e-04	6.3653e-04	5.0920e-01	6.9107e-02	2.3105e-01
	-7.7214e-03	4.7768e-04	-1.1436e-03	-2.4180e-01	1.2795e-01	-2.6259e-01
	0.0000e+00	5.4383e-04	-2.2582e-03	-5.1264e-02	4.0680e-01	-2.1656e-01
	0.0000e+00	1.3039e-03	-1.4049e-03	1.5673e-01	4.1908e-01	-1.7972e-01
329	1.0691e-02	4.6611e-04	-1.7225e-03	4.4790e-01	-5.9535e-02	-3.2400e-01
	1.0691e-02	-1.4556e-03	1.3083e-03	-4.4578e-01	-9.8418e-02	4.2805e-01
	0.0000e+00	-1.4934e-03	2.3375e-03	-1.1205e-01	-5.5096e-01	-5.0400e-01
	0.0000e+00	6.7840e-04	-2.1405e-03	1.1975e-01	-3.6655e-01	-4.2437e-01
328	-9.1189e-03	-1.4513e-03	1.1669e-03	-5.7381e-01	-1.0664e-01	4.2425e-01
	-9.1189e-03	6.8040e-04	1.8544e-03	6.9841e-01	-4.4206e-02	3.0973e-01
	0.0000e+00	7.4530e-04	3.4681e-03	1.5776e-01	5.3076e-01	5.3276e-01
	0.0000e+00	-1.3493e-03	3.0533e-03	-1.2079e-01	-5.1231e-01	6.3461e-01
327	-1.1872e-02	6.8311e-04	1.3894e-03	-2.8608e-01	1.0514e-01	1.8918e-01
	-1.1872e-02	1.0943e-03	3.0116e-04	4.9009e-01	8.0551e-02	-2.6197e-01
	0.0000e+00	1.1602e-03	2.0539e-03	1.0311e-01	7.9708e-01	-2.3262e-01
	0.0000e+00	6.9143e-04	3.4212e-03	-5.7010e-02	6.3390e-01	2.3263e-01
326	-1.3240e-02	1.0989e-03	8.9145e-05	6.8379e-01	1.0658e-01	-4.5269e-01
	-1.3240e-02	6.9940e-04	-1.4926e-03	-3.8948e-01	8.2304e-02	-7.0001e-01
	0.0000e+00	7.0524e-04	-1.5425e-03	-7.2723e-02	3.0131e-01	-8.2959e-01
	0.0000e+00	1.1044e-03	-8.7453e-04	1.1484e-01	7.9915e-01	-5.8532e-01
325	-7.2766e-03	7.0781e-04	-1.0216e-03	9.3905e-01	1.2181e-01	-6.9693e-01
	-7.2766e-03	-1.5592e-04	1.0816e-03	-1.5062e+00	-5.0341e-01	-2.9741e-01
	0.0000e+00	-1.5592e-04	-7.2003e-04	-2.3927e-01	1.4181e-01	-4.7995e-01
	0.0000e+00	6.8147e-04	-2.6942e-03	1.0013e-01	2.2249e-01	-8.8050e-01
324	0.0000e+00	-1.2836e-03	3.9465e-03	-1.1621e-02	3.4836e-01	8.5491e-01

	0.0000e+00	2.7013e-03	2.5691e-03	1.6595e-02	-2.6136e-01	8.4501e-01
	-6.6616e-03	5.8742e-04	6.0902e-04	4.2903e-02	1.5751e-01	7.1451e-01
323	6.5641e-04	-4.6864e-03	-8.9628e-04	7.7671e-01	1.1295e+00	-3.9529e-01
	-1.1868e-04	1.0861e-04	2.5213e-04	7.3133e-02	6.3320e-02	-3.2981e-01
	-1.7128e-04	6.7747e-04	1.5695e-03	5.3279e-01	-3.3774e-01	-9.5925e-01
	-7.5552e-04	-4.5056e-03	-1.0571e-03	3.4830e-01	-7.5103e-01	-7.6000e-01
322	0.0000e+00	-3.0005e-04	-1.2183e-03	-3.2142e-02	4.7296e-01	1.2239e+00
	0.0000e+00	1.8669e-03	-4.2790e-03	-6.6685e-02	-2.4218e-01	1.3128e+00
	-7.8952e-03	9.2904e-04	-8.8002e-04	-2.5744e-01	-1.8202e-01	1.1645e+00
	-7.8952e-03	-4.9618e-04	9.8587e-04	1.3765e-01	-7.9812e-02	9.9132e-01
321	1.1534e-17	1.1509e-03	-3.7849e-03	3.7210e-02	-1.1947e-01	1.2206e+00
	1.1808e-17	2.1974e-03	-4.5036e-03	-3.2096e-01	-1.0847e+00	1.1218e+00
	-1.3593e-02	1.7634e-03	3.6535e-03	-1.2499e-01	-3.6820e-01	8.1776e-01
	-1.3593e-02	-1.1508e-03	1.9911e-03	-3.7392e-01	-3.0440e-01	9.1050e-01
320	0.0000e+00	-7.1709e-04	2.0897e-03	3.5697e-02	1.5113e-01	-6.4695e-01
	0.0000e+00	-2.3888e-04	-2.1458e-03	-2.5008e-02	-1.5490e-01	-5.9561e-01
	-1.2540e-02	-2.3888e-04	-6.2007e-04	-1.0448e-01	1.1253e-01	-5.8512e-01
	-1.2540e-02	3.9984e-04	1.9854e-03	7.0036e-02	-2.0026e-01	-6.4000e-01
319	0.0000e+00	-2.3888e-04	-1.6587e-03	5.8659e-02	-1.8091e-01	-6.2772e-01
	0.0000e+00	1.3492e-03	-1.8749e-03	-2.6913e-01	-5.4560e-01	-4.2850e-01
	-1.5707e-02	1.2591e-03	1.0443e-03	-7.3391e-01	-9.5097e-02	-4.2511e-01
	-1.5707e-02	-2.3888e-04	-1.4852e-03	9.6792e-02	-1.0018e-01	-5.0426e-01
318	0.0000e+00	4.7499e-04	9.4016e-04	-6.7220e-02	-7.1860e-01	-5.8698e-01
	0.0000e+00	-1.7324e-03	2.1080e-03	3.1002e-01	6.2012e-01	-7.3595e-01
	-1.2457e-02	-1.5214e-03	4.6447e-03	5.7475e-01	3.7581e-01	-6.2310e-01
	-1.2457e-02	1.2114e-03	5.3698e-04	-2.8859e-01	-4.6198e-01	-3.9063e-01
317	0.0000e+00	-2.4643e-03	-3.0517e-03	3.1881e-02	5.3134e-01	-1.1191e+00
	0.0000e+00	5.7948e-03	-5.0131e-03	4.1343e-02	-1.7507e-01	-1.2062e+00
	-8.2080e-03	1.7830e-03	-2.0492e-03	-4.5583e-01	-2.9899e-01	-9.5977e-01
	-8.2080e-03	-1.1096e-03	1.0454e-03	2.2905e-01	5.1134e-01	-8.5080e-01

316	0.0000e+00	6.8135e-04	1.6978e-03	-2.0584e-01	-5.5602e-01	-9.2143e-01
	0.0000e+00	-6.7484e-04	5.8105e-04	2.1689e-01	-2.0300e-01	-2.8944e-01
	-7.1007e-03	-6.7484e-04	2.9736e-03	1.3439e+00	6.1908e-01	-2.3145e-01
	-7.1007e-03	2.5902e-03	2.9050e-03	-8.8528e-01	-1.2201e-01	-7.7033e-01
315	0.0000e+00	6.4837e-04	-4.2177e-03	2.7771e-02	-2.8075e-01	-6.1005e-01
	0.0000e+00	2.7593e-04	3.1341e-03	2.5837e-02	1.1864e-01	-6.1595e-01
	-9.2274e-03	2.4779e-04	1.7717e-03	1.0714e-01	-1.5322e-01	-6.5569e-01
314	2.8168e-18	3.6339e-03	-4.2749e-03	-2.6735e-02	-2.2277e-01	1.1606e+00
	3.3343e-18	5.0697e-04	1.9302e-03	-3.1310e-02	-6.7557e-01	-1.0777e+00
	-7.3146e-03	1.2755e-03	-9.4717e-04	-1.1505e-01	-2.5895e-01	-5.7151e-01
313	9.3031e-04	6.4237e-03	-4.0282e-03	6.5905e-01	1.3248e+00	-3.5726e-01
	-7.4462e-04	2.1793e-04	4.3886e-04	-2.7613e-01	-1.9444e-01	-6.1189e-01
	-2.3334e-03	1.7418e-03	4.0361e-03	-8.8497e-01	-6.5977e-01	-7.3210e-01
	-3.2100e-03	5.5994e-03	-7.3961e-03	-3.6626e-01	-1.6340e+00	4.3401e-01
312	0.0000e+00	-9.1977e-04	-4.1956e-03	-5.2295e-02	-8.9644e-01	-8.9984e-01
	0.0000e+00	6.5952e-03	-1.0954e-02	9.7959e-02	2.9296e-01	-1.0981e+00
	-1.9423e-02	3.7026e-03	-6.4751e-03	3.3204e-01	1.8941e-01	-7.8009e-01
	-1.9423e-02	-3.4813e-03	2.9748e-03	-2.7285e-01	-5.9072e-01	-5.9405e-01
311	2.0678e-17	5.7396e-03	-1.0088e-02	-9.9378e-02	1.8655e-01	-1.0564e+00
	2.0546e-17	9.9276e-03	-1.1732e-02	7.4675e-01	2.6595e+00	-9.6184e-01
	-2.9072e-02	2.4390e-03	8.6870e-03	-4.8847e-01	-9.9465e-01	7.4987e-01
	-2.9072e-02	2.6653e-03	4.3214e-03	8.2264e-01	4.9001e-01	-6.0386e-01
310	0.0000e+00	-3.0323e-03	6.0716e-03	-2.4575e-01	-6.1157e-01	1.5058e+00
	0.0000e+00	6.4158e-04	-5.3771e-03	9.6159e-02	-3.3719e-01	-1.4470e+00
	-2.7761e-02	6.4158e-04	-2.1187e-03	3.5915e-01	-2.2610e-01	-1.2485e+00
	-2.7761e-02	-1.3015e-03	1.1463e-03	-7.0259e-01	4.8996e-01	1.2883e+00
309	0.0000e+00	6.4158e-04	-5.4777e-03	-1.3974e-01	-3.4195e-01	-1.2935e+00
	0.0000e+00	3.8742e-03	-3.9933e-03	3.7262e-01	7.4490e-01	-1.1445e+00
	-2.3001e-02	1.7642e-03	3.6773e-03	1.0540e+00	1.9026e-01	1.2359e+00
	-2.3001e-02	6.4158e-04	-2.4588e-03	-3.7180e-01	1.9026e-01	-1.3058e+00

308	0.0000e+00	-1.7191e-03	1.9699e-03	6.5825e-02	8.1695e-01	1.3662e+00
	0.0000e+00	-2.8214e-03	4.3821e-03	-3.0204e-01	-5.7625e-01	1.4310e+00
	-2.1597e-02	-3.2572e-03	4.4758e-03	-6.6820e-01	-3.4457e-01	1.2782e+00
	-2.1597e-02	2.7228e-03	1.7569e-03	2.7414e-01	-4.3458e-01	-1.2082e+00
307	0.0000e+00	-2.1761e-03	-4.9628e-03	-3.1745e-02	-4.0174e-01	-1.4388e+00
	0.0000e+00	-4.1497e-03	-4.1412e-03	-1.3365e-01	2.3276e-01	-1.4338e+00
	-2.2096e-02	3.3302e-03	6.1728e-03	4.6178e-01	3.7087e-01	-1.2192e+00
	-2.2096e-02	2.2641e-03	1.1516e-03	-1.4144e-01	-3.8704e-01	-1.2251e+00
306	0.0000e+00	7.2589e-04	5.0223e-03	2.2579e-01	5.1585e-01	1.0467e+00
	0.0000e+00	-1.0827e-03	9.2780e-04	-2.7653e-01	2.0947e-01	3.2796e-01
	-8.9055e-03	-1.0827e-03	2.9782e-03	-1.6177e+00	7.5617e-01	-3.4859e-01
	-8.9055e-03	2.3877e-03	5.6926e-03	1.1406e+00	7.7313e-02	-8.8849e-01
305	0.0000e+00	-3.5084e-03	-8.6148e-03	-5.5756e-02	6.6748e-01	1.7675e+00
	0.0000e+00	-1.7303e-03	5.2934e-03	-5.6714e-02	-7.5045e-01	1.5189e+00
	-1.7742e-02	-1.4184e-03	1.9726e-03	-2.2418e-01	4.4041e-01	1.1260e+00
304	-4.1613e-18	2.2818e-03	-4.0453e-03	2.6169e-02	-1.3689e-01	-1.1318e+00
	3.5683e-18	1.3911e-03	6.1515e-03	2.3109e-02	6.2036e-01	-1.1350e+00
	-1.3190e-02	9.6656e-04	2.6275e-03	9.6143e-02	2.7814e-01	-7.2839e-01
303	-8.6253e-04	-2.5238e-04	1.5849e-03	-5.4588e-01	1.7881e-01	7.7305e-01
	-1.0020e-03	1.1137e-02	1.0256e-03	6.8421e-01	1.6779e+00	5.9583e-01
	5.9303e-04	1.0725e-02	3.1740e-03	-7.7737e-02	-1.4153e+00	8.7889e-01
	7.8607e-04	-7.8945e-04	4.8968e-03	-3.0449e-01	-3.6476e-01	1.2076e+00
302	2.2890e-02	1.0925e-03	-1.5052e-03	-1.9379e-01	-3.1889e-01	-8.6880e-01
	2.2890e-02	-1.3418e-03	-1.8291e-03	7.2844e-01	1.4165e-01	-7.1486e-01
	0.0000e+00	-1.4432e-03	-2.2002e-03	2.1276e-01	-5.7447e-01	-7.0564e-01
	0.0000e+00	-1.1273e-03	-3.5030e-03	-4.3111e-02	-4.4826e-01	-9.3280e-01
301	2.1692e-02	-1.5449e-03	1.2230e-03	-2.2653e-01	3.1419e-01	-4.3923e-01
	2.1692e-02	8.6514e-04	3.0535e-03	-2.5385e-01	8.5717e-02	-2.1917e-01
	0.0000e+00	1.5475e-03	1.5555e-03	-1.0528e-01	2.0237e-01	-1.5541e-01
	0.0000e+00	-3.2479e-04	-8.5961e-04	1.8456e-02	-6.7386e-01	-2.9699e-01

300	-1.4658e-02	9.9164e-04	9.4636e-04	-1.1882e-01	-2.3641e-01	3.0203e-01
	-1.4658e-02	1.2671e-03	-2.9311e-03	-4.2176e-01	-2.1903e-01	4.3508e-01
	0.0000e+00	2.7137e-03	1.3339e-03	-1.7532e-01	-3.0438e-01	4.3002e-01
	0.0000e+00	1.6768e-03	1.2175e-03	3.9574e-02	-3.9744e-01	-2.8712e-01
299	8.2318e-03	7.4333e-04	1.0864e-03	-7.3674e-02	-2.3553e-01	6.3709e-01
	8.2318e-03	-1.0958e-03	-2.6423e-03	1.1761e-01	-5.7046e-02	7.1881e-01
	-8.5691e-18	-3.6819e-03	-4.5105e-03	-2.9244e-02	7.1647e-02	8.2795e-01
	-9.4434e-18	2.2373e-03	-1.5512e-03	1.4610e-02	-3.0987e-01	7.7872e-01
298	1.4560e-02	-1.0887e-03	2.4222e-03	9.7190e-02	1.0644e-01	5.4175e-01
	1.4560e-02	-9.2420e-04	2.0161e-03	3.9059e-01	4.4085e-01	4.8609e-01
	-6.2623e-18	-2.7160e-03	-5.6915e-03	1.6665e-01	4.4790e-01	7.2291e-01
	-6.7361e-18	-2.7024e-03	-4.0474e-03	-1.3364e-02	-4.6308e-02	7.9493e-01
297	1.8524e-02	-8.7099e-04	-3.5432e-03	3.8272e-01	3.7328e-01	-2.3727e-01
	1.8524e-02	-2.0265e-03	-2.0566e-03	1.8176e-01	-4.8141e-01	-3.5256e-01
	0.0000e+00	-2.2301e-03	3.7086e-03	-2.6604e-02	-3.5959e-01	-4.7643e-01
	0.0000e+00	-2.4512e-03	3.8808e-03	2.0455e-01	4.4454e-01	-3.3816e-01
296	-1.5863e-02	-1.6075e-03	2.9730e-03	-6.7203e-01	-2.9240e-01	-7.6741e-01
	-1.5863e-02	1.3168e-03	-7.2942e-04	-6.7281e-02	-2.0225e-01	-7.6904e-01
	3.5511e-18	2.5044e-03	-4.6860e-03	2.0626e-02	-2.7060e-01	-1.0692e+00
	3.3359e-18	-4.3944e-03	5.6788e-03	-2.5628e-01	-4.6470e-01	-9.7088e-01
295	-1.2900e-02	1.4795e-03	3.8354e-03	-3.4379e-01	-1.5262e-01	8.2548e-01
	-1.2900e-02	-1.4133e-03	-3.2175e-04	2.0241e-01	-3.1231e-01	6.1120e-01
	3.9614e-18	5.2718e-04	-1.9526e-03	2.8027e-02	6.0199e-01	7.7111e-01
	3.4116e-18	2.4064e-03	-4.6273e-03	-1.2695e-01	-2.2949e-01	9.5065e-01
294	1.4279e-02	-1.5867e-03	-1.3685e-03	6.6791e-01	1.4751e-01	3.7077e-01
	1.4279e-02	-7.3778e-04	5.3240e-04	1.8010e-01	1.8996e-01	-3.0043e-01
	0.0000e+00	-6.6548e-04	1.6502e-03	4.6675e-02	4.1922e-01	1.8788e-01
	0.0000e+00	1.6605e-03	-2.1609e-03	2.2837e-01	4.6825e-01	3.0607e-01
293	1.0546e-02	-6.2444e-04	1.0590e-03	3.7745e-01	3.9680e-02	-3.4346e-01
	1.0546e-02	-1.0934e-03	7.3281e-04	-2.7172e-01	1.3145e-01	-5.2984e-01

	0.0000e+00	-1.1460e-03	2.1159e-03	-4.7223e-02	-4.9372e-01	-5.0260e-01
	0.0000e+00	-1.1073e-03	2.2535e-03	1.1122e-01	3.0775e-01	-3.0945e-01
292	-7.4863e-03	-1.1063e-03	1.2565e-03	5.1803e-01	-4.5911e-02	-6.1243e-01
	-7.4863e-03	6.3384e-04	-1.8282e-03	-4.1380e-01	-5.2338e-02	6.5394e-01
	0.0000e+00	7.1510e-04	3.6296e-03	-1.0056e-01	-2.7931e-01	-8.1414e-01
	0.0000e+00	-1.4544e-03	2.9404e-03	1.3441e-01	-4.4192e-01	-7.5813e-01
291	-1.6790e-02	6.2801e-04	-1.4175e-03	-2.5019e-01	-6.9226e-02	6.1088e-01
	-1.6790e-02	-1.0848e-03	-6.3609e-04	5.3730e-01	4.2809e-02	3.6920e-01
	0.0000e+00	-1.1776e-03	-2.2229e-03	1.1389e-01	-6.4145e-01	4.8373e-01
	0.0000e+00	6.5591e-04	-3.4943e-03	-5.5693e-02	-3.2671e-01	7.2217e-01
290	-2.1762e-02	-1.0912e-03	-5.2242e-04	-3.2788e-01	7.7625e-02	2.4433e-01
	-2.1762e-02	-8.3665e-04	6.0041e-04	-2.7245e-01	5.0613e-02	3.2513e-01
	0.0000e+00	-8.4670e-04	9.1943e-04	-5.7509e-02	-6.2899e-01	3.1544e-01
	0.0000e+00	-1.0894e-03	-1.1172e-03	-5.6291e-02	-6.9284e-01	1.9654e-01
289	-1.8057e-02	-8.3989e-04	4.8299e-04	5.3175e-01	-7.2796e-02	4.8088e-01
	-1.8057e-02	3.8607e-04	1.8355e-03	-3.1581e-01	-9.5754e-02	6.8993e-01
	0.0000e+00	3.8556e-04	2.8887e-03	-6.3296e-02	-4.4028e-01	7.4743e-01
	0.0000e+00	-8.0279e-04	1.3687e-03	8.9086e-02	-6.2696e-01	5.4129e-01
288	-8.1583e-03	3.8845e-04	1.6610e-03	-9.6157e-01	-1.6974e-01	6.8673e-01
	-8.1583e-03	-6.7484e-04	9.6281e-04	1.4621e+00	5.1429e-01	3.3300e-01
	0.0000e+00	-6.7484e-04	1.0697e-03	2.3458e-01	-6.2338e-01	5.2078e-01
	0.0000e+00	3.7388e-04	-3.4346e-03	-1.0599e-01	-4.2723e-01	8.7558e-01
287	0.0000e+00	-1.5212e-03	3.2952e-03	1.3496e-02	4.2049e-01	3.4589e-01
	0.0000e+00	-1.4252e-03	-5.2763e-03	4.0587e-03	1.9903e-01	3.1481e-01
	9.5166e-03	-5.5850e-04	3.1966e-04	2.5575e-02	2.1816e-01	2.0431e-01
262	0.0000e+00	0.0000e+00	0.0000e+00	-2.5903e-01	-3.7491e-01	6.9683e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.6230e-01	-4.5189e-01	1.1527e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.0850e-01	-1.0007e+00	1.5752e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.1103e+00	-4.1437e-01	1.0585e+00
261	0.0000e+00	0.0000e+00	0.0000e+00	-8.5917e-01	-1.1866e+00	1.0679e+00

	0.0000e+00	0.0000e+00	0.0000e+00	-1.2578e+00	-1.8768e+00	4.6692e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1908e+00	-9.2435e-01	-8.2712e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0717e+00	-7.0188e-01	1.3864e+00
260	0.0000e+00	0.0000e+00	0.0000e+00	1.0943e+00	-1.7805e+00	2.6273e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0047e+00	-1.9481e+00	2.5511e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3840e+00	-1.4092e+00	3.8833e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2237e+00	-1.1371e+00	5.2407e-01
259	0.0000e+00	0.0000e+00	0.0000e+00	-1.3215e+00	-2.2133e+00	3.5074e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.5790e-01	-1.2421e+00	1.1624e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1939e+00	-1.6954e+00	1.4032e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.3712e+00	-1.3418e+00	6.3097e-01
258	0.0000e+00	0.0000e+00	0.0000e+00	-2.3171e+00	-2.0136e+00	-2.4967e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.8326e+00	-7.1013e+00	1.8195e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3457e+00	9.8184e-01	1.9742e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7928e+00	3.0968e+00	-4.4064e-01
257	0.0000e+00	0.0000e+00	0.0000e+00	9.3134e+00	8.3656e+00	1.7396e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.7247e+00	4.2433e+00	-7.9544e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.6876e+00	-3.5400e+00	-3.2608e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.0647e+00	-1.4739e+00	1.7978e+00
256	0.0000e+00	0.0000e+00	0.0000e+00	1.2742e+00	3.4182e+00	-6.8061e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0352e+00	-3.1626e+00	-6.9740e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3255e+00	-4.2213e+00	-4.3230e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4174e+00	-3.7695e+00	-3.3833e-01
255	0.0000e+00	0.0000e+00	0.0000e+00	-1.8188e+00	-4.0925e+00	-1.4087e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.5589e+00	-9.6473e+00	1.5949e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4163e+00	7.7931e-01	8.2615e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2924e+00	4.1526e+00	-3.6901e-01
254	0.0000e+00	0.0000e+00	0.0000e+00	3.8297e+00	9.1397e+00	1.4213e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.9236e+00	3.1193e+00	-2.0159e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.1476e+00	-4.2819e+00	-6.3669e-01

	0.0000e+00	0.0000e+00	0.0000e+00	1.8581e+00	-1.6846e+00	9.6403e-01
253	0.0000e+00	0.0000e+00	0.0000e+00	-7.6996e-01	2.4838e+00	-1.2974e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2325e+00	-2.4525e+00	-1.2633e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5242e+00	2.9291e+00	-5.4007e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3957e+00	-3.7960e+00	-5.7359e-01
252	0.0000e+00	0.0000e+00	0.0000e+00	-2.6788e+00	-3.2537e+00	-1.5737e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2558e+01	-5.5272e+00	2.1085e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1843e+00	1.4738e+00	3.3744e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.9255e+00	2.7684e+00	-2.6926e-01
251	0.0000e+00	0.0000e+00	0.0000e+00	1.1574e+01	5.4721e+00	2.7668e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.7209e+00	3.3254e+00	-2.3073e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.7010e+00	-2.6774e+00	-4.0734e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.0649e-01	-2.1560e+00	3.3423e+00
250	0.0000e+00	0.0000e+00	0.0000e+00	1.5926e+00	2.1234e+00	-1.1862e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.5925e-01	8.5122e-01	-8.8895e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.7098e-01	-7.3646e-01	-5.8099e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5047e+00	-1.8445e+00	-8.9407e-01
249	0.0000e+00	0.0000e+00	0.0000e+00	-4.3536e-01	9.7250e-01	5.3462e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0854e+00	8.4280e-01	-3.0439e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1424e+00	5.4776e-01	-5.2338e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3200e+00	9.4772e-01	3.8848e-01
248	0.0000e+00	0.0000e+00	0.0000e+00	-7.5098e-01	7.8710e-01	-5.8621e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.2270e-01	4.2867e-01	-1.0290e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.3532e-01	7.5589e-02	-1.2926e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6946e+00	3.4241e-01	-8.3028e-01
247	0.0000e+00	0.0000e+00	0.0000e+00	-4.8295e-01	-9.0935e-02	-1.0761e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.3198e-01	-7.8128e-02	-7.3694e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.2818e-01	-2.4378e-01	-9.2733e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6337e-01	3.4598e-01	-1.2815e+00
246	0.0000e+00	0.0000e+00	0.0000e+00	2.2925e-01	6.9019e-01	1.0737e+00

	0.0000e+00	0.0000e+00	0.0000e+00	2.4772e-01	-9.2769e-01	1.8494e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.8172e+00	3.8284e+00	2.5872e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1703e+00	7.4803e-01	1.8477e+00
245	0.0000e+00	0.0000e+00	0.0000e+00	2.0365e+00	-3.0686e+00	-9.9814e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.3257e-01	-6.4356e-01	-2.1186e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.4302e+00	-1.0859e+00	-8.2299e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2713e+00	-1.2648e+00	7.0319e-01
244	0.0000e+00	0.0000e+00	0.0000e+00	-9.5787e-01	9.4168e-01	-5.8763e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.8848e-01	6.3623e-01	-6.5330e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.2368e-01	-3.9846e-01	-7.2398e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0340e+00	-9.3388e-01	-6.3993e-01
243	0.0000e+00	0.0000e+00	0.0000e+00	3.5454e-01	6.1043e-01	-6.0506e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.3745e-01	-1.1579e+00	9.8290e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.7410e+00	3.5432e+00	1.6153e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4981e+00	4.3589e-01	1.0612e+00
242	0.0000e+00	0.0000e+00	0.0000e+00	2.0006e+00	-3.0239e+00	5.8919e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4267e-01	-7.6113e-01	-1.2755e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.2774e+00	-1.2306e+00	6.1302e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3985e+00	-1.1996e+00	1.3306e+00
241	0.0000e+00	0.0000e+00	0.0000e+00	-1.1983e+00	8.8160e-01	-7.5375e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.4646e-01	-1.4536e+00	-6.7023e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.8422e-01	1.4113e+00	-7.2839e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.1826e-01	-1.1656e+00	-7.7786e-01
240	0.0000e+00	0.0000e+00	0.0000e+00	1.4522e+00	-2.1258e+00	-8.6030e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.4146e-01	-1.2500e+00	2.2504e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.4850e+00	5.8808e+00	1.0391e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.8738e+00	1.2999e+00	-1.6650e+00
239	0.0000e+00	0.0000e+00	0.0000e+00	-6.9792e+00	-4.8504e+00	-3.4276e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.0669e+00	-1.2111e+00	-1.6324e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.5463e+00	-9.2656e-01	1.1200e+00

	0.0000e+00	0.0000e+00	0.0000e+00	-1.2254e+00	-1.2140e+00	2.9944e+00
238	0.0000e+00	0.0000e+00	0.0000e+00	-4.6429e+00	-4.3494e+00	-5.9764e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.9702e-01	-2.2195e+00	-6.8185e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8282e+00	-1.6551e+00	9.2356e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4428e+00	4.8285e-01	-5.8531e-01
237	0.0000e+00	0.0000e+00	0.0000e+00	9.2366e-01	-3.8840e-01	2.1582e+00
	0.0000e+00	0.0000e+00	0.0000e+00	9.3134e-01	-3.5948e+00	1.3534e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-9.0235e-01	-7.5977e-01	-5.6169e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2676e-01	-2.0701e+00	1.1514e+00
236	0.0000e+00	0.0000e+00	0.0000e+00	6.1434e-01	-8.6736e-01	1.4586e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.2970e+00	-3.8181e+00	-6.0435e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2176e+00	-1.5334e+00	-9.4394e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.4661e-01	-2.7065e+00	6.4485e-01
235	0.0000e+00	0.0000e+00	0.0000e+00	-4.6916e+00	-4.4116e+00	-1.2199e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.5553e-01	-2.4636e+00	-7.0280e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8299e+00	-2.1452e+00	-2.6383e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7356e+00	1.0068e+00	-7.2830e-01
234	0.0000e+00	0.0000e+00	0.0000e+00	1.1361e+00	2.8351e+00	1.0972e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.9135e+00	7.8938e+00	-1.2475e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.7753e+00	-1.0846e+00	-8.4367e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.0848e+00	-2.8808e+00	4.0728e-01
233	0.0000e+00	0.0000e+00	0.0000e+00	-3.3650e+00	-7.2733e+00	-2.0760e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3283e+00	-1.5093e+00	2.9742e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-9.3760e-01	2.7257e+00	1.0702e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2347e+00	5.7138e-01	-8.9494e-01
232	0.0000e+00	0.0000e+00	0.0000e+00	1.6764e+00	-1.8488e+00	6.4252e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.0621e+00	-2.0768e+00	4.4138e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.0150e+00	-1.6998e+00	-3.6655e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5339e+00	-1.7964e+00	-4.4687e-01
231	0.0000e+00	0.0000e+00	0.0000e+00	-1.0660e+00	1.5780e+00	6.0789e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-1.1891e+00	-1.7096e+00	6.8540e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1867e+00	-1.6689e+00	-5.4502e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.4236e-01	1.3878e+00	-5.2746e-01
230	0.0000e+00	0.0000e+00	0.0000e+00	1.3585e+00	-2.1388e+00	-3.8641e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3299e+00	-2.1581e+00	-4.3177e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4222e+00	-1.8268e+00	4.8108e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2276e+00	-1.6979e+00	4.2973e-01
229	0.0000e+00	0.0000e+00	0.0000e+00	-2.0403e+00	-2.3814e+00	3.2021e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9324e+00	-2.6031e+00	2.3673e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6908e+00	-1.7144e+00	-3.2502e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6714e+00	-1.7175e+00	-4.1761e-01
228	0.0000e+00	0.0000e+00	0.0000e+00	-1.7532e+00	-2.5823e+00	3.0536e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4608e+00	-2.4508e+00	-4.6072e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2505e+00	-1.7572e+00	-5.4020e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4856e+00	-1.7363e+00	-3.3217e-01
227	0.0000e+00	0.0000e+00	0.0000e+00	-1.4060e+00	-2.2136e+00	-6.1034e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2077e+00	-1.6498e+00	-2.2291e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3423e+00	-1.4886e+00	7.7534e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1551e+00	-1.7149e+00	6.5362e-01
226	0.0000e+00	0.0000e+00	0.0000e+00	-2.5963e+00	-1.6082e+00	8.2898e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3982e+00	-1.5639e+00	1.1684e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3453e+00	-1.3839e+00	8.7937e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8029e+00	-1.3788e+00	5.9151e-01
225	0.0000e+00	0.0000e+00	0.0000e+00	-6.5363e-01	-1.3823e+00	1.1719e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.3152e+00	-1.4322e+00	6.7084e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4072e-01	-1.3586e+00	-4.9309e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.2215e-01	-1.4815e+00	9.1236e-01
224	0.0000e+00	0.0000e+00	0.0000e+00	-1.1609e+00	-1.6104e+00	8.4605e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.1209e-01	-9.2084e-01	7.6108e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.9355e-01	-2.4632e+00	7.3913e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-1.3796e+00	-1.8133e+00	8.3542e-01
223	0.0000e+00	0.0000e+00	0.0000e+00	-8.8958e-01	-2.0901e+00	-5.2831e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0506e+00	-2.0474e+00	-4.9578e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4754e+00	-2.8863e+00	5.0697e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1299e+00	-2.4172e+00	2.6520e-01
222	0.0000e+00	0.0000e+00	0.0000e+00	-5.5918e-01	-6.0930e-01	-1.0526e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.6694e-01	-5.6984e-01	-8.7885e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2998e+00	-1.3644e+00	-1.7782e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0453e+00	-1.9674e+00	-2.0436e+00
221	0.0000e+00	0.0000e+00	0.0000e+00	-5.1188e-01	-1.0107e+00	-8.4220e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.0571e-01	-1.2213e+00	-3.9882e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1800e+00	-1.3631e+00	-7.9966e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4423e+00	-1.2581e+00	-8.1581e-01
220	0.0000e+00	0.0000e+00	0.0000e+00	7.2157e-01	-1.5595e+00	-2.6750e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.5825e-01	-1.9900e+00	2.4667e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.8864e-01	-2.0050e+00	6.3975e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.8006e-01	-1.1995e+00	-8.9888e-01
219	0.0000e+00	0.0000e+00	0.0000e+00	-1.2059e+00	-2.5121e+00	2.9000e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.9073e-01	-1.3879e+00	1.5225e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4825e+00	-2.7792e+00	1.7029e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.4561e+00	-2.1796e+00	5.3135e-01
218	0.0000e+00	0.0000e+00	0.0000e+00	-4.3284e+00	-2.8660e+00	-2.5420e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.8126e+00	-9.1695e+00	3.3708e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9796e+00	1.2331e+00	3.3423e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.3406e+00	3.3485e+00	-6.1466e-01
217	0.0000e+00	0.0000e+00	0.0000e+00	1.0236e+01	9.8072e+00	2.8788e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.4025e+00	4.0795e+00	-1.4563e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.1803e+00	-3.6394e+00	-5.9726e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.2255e+00	-1.9790e+00	3.1553e+00
216	0.0000e+00	0.0000e+00	0.0000e+00	2.2505e+00	2.7339e+00	-9.2876e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-1.5796e+00	1.8318e+00	-9.8929e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5062e+00	3.7611e+00	-4.6407e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.0346e+00	3.3559e+00	-4.6716e-01
215	0.0000e+00	0.0000e+00	0.0000e+00	-3.1670e+00	2.0701e+00	-1.3909e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5629e+00	6.9935e+00	1.3068e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.8574e-01	9.9482e-01	1.1492e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1805e+00	3.6618e+00	-5.9817e-01
214	0.0000e+00	0.0000e+00	0.0000e+00	5.1220e+00	6.4558e+00	2.8408e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.2451e-01	2.3022e+00	-2.2970e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.2858e-01	-1.7650e+00	-7.2392e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.1817e-01	-7.3853e-01	1.2389e+00
213	0.0000e+00	0.0000e+00	0.0000e+00	-7.8971e-01	2.0143e+00	-8.4293e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7100e+00	1.3432e+00	-1.0225e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5323e+00	2.3010e+00	-8.1195e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1650e+00	-1.8206e+00	-6.9183e-01
212	0.0000e+00	0.0000e+00	0.0000e+00	-2.7815e+00	1.3231e+00	-1.1036e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.0974e+00	4.8179e+00	9.4737e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2824e+00	8.9261e-01	8.8506e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0113e+00	2.6326e+00	-6.9309e-01
211	0.0000e+00	0.0000e+00	0.0000e+00	4.1753e+00	5.2944e+00	1.7544e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.2027e+00	1.9691e+00	-1.6206e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.3240e-01	-1.3840e+00	-8.7510e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.7319e-01	-7.8175e-01	7.8036e-01
210	0.0000e+00	0.0000e+00	0.0000e+00	4.0299e-01	1.1522e+00	-9.9606e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.8304e-01	4.3021e-01	-8.4923e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.5104e-01	6.6745e-01	-7.5012e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.0037e-01	-1.1476e+00	-9.2852e-01
209	0.0000e+00	0.0000e+00	0.0000e+00	-2.9953e-01	3.9046e-01	7.2143e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.5900e-01	4.4203e-01	4.1349e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.5456e-01	4.1639e-01	6.2826e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-4.7817e-01	2.4463e-01	9.1070e-01
208	0.0000e+00	0.0000e+00	0.0000e+00	-5.7056e-01	5.9801e-01	2.8699e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.1431e-01	7.7724e-01	-4.9987e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.3762e-01	1.1216e+00	-2.5364e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.7906e-01	2.6780e-01	5.2874e-01
207	0.0000e+00	0.0000e+00	0.0000e+00	7.7492e-01	-4.4966e-01	-5.5204e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.2308e-01	-6.8505e-01	-7.7244e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7203e+00	1.5761e+00	-1.1102e+00
	0.0000e+00	0.0000e+00	0.0000e+00	9.6395e-01	1.6299e+00	-8.5882e-01
206	0.0000e+00	0.0000e+00	0.0000e+00	3.4575e-01	2.7894e+00	-2.3791e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.3472e+01	5.7451e+00	-2.5672e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.9674e+00	3.6226e+00	-2.9079e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.6711e+00	1.6605e+00	9.5148e-01
205	0.0000e+00	0.0000e+00	0.0000e+00	4.9406e+00	-5.8613e+00	5.2175e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.5738e+00	-1.2928e+01	3.1000e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8814e+00	-2.6369e+00	-1.0349e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1429e+00	-4.9620e+00	2.2911e+00
204	0.0000e+00	0.0000e+00	0.0000e+00	-3.5300e+00	-1.4830e+00	-1.1875e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.8367e-01	1.4876e+00	-1.9839e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.2817e+00	-2.0470e+00	1.7571e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.9437e+00	-1.6234e+00	-9.3106e-01
203	0.0000e+00	0.0000e+00	0.0000e+00	4.4878e-01	2.5738e+00	2.5988e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.1707e+00	-5.3159e+00	1.5330e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.9660e+00	5.6956e+00	1.6378e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.3430e-01	2.2688e+00	2.9502e+00
202	0.0000e+00	0.0000e+00	0.0000e+00	5.1995e+00	-4.3735e+00	1.6099e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.4003e+00	-5.4755e+00	-7.3706e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6207e+00	-1.6652e+00	-2.2699e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7518e+00	-3.0723e+00	-1.9062e+00
201	0.0000e+00	0.0000e+00	0.0000e+00	-1.1875e+00	-1.9482e+00	-1.2868e+00

	0.0000e+00	0.0000e+00	0.0000e+00	1.2880e+00	1.3939e+00	-9.7341e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1131e+00	1.7250e+00	1.0575e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0473e+00	-1.9731e+00	1.3967e+00
200	0.0000e+00	0.0000e+00	0.0000e+00	1.1907e+00	2.6369e+00	1.4474e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.5788e+00	3.7061e+00	1.7749e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.6131e+00	-2.3689e+00	-2.3321e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.8936e+00	2.3158e+00	1.5119e+00
199	0.0000e+00	0.0000e+00	0.0000e+00	5.8199e+00	-3.5869e+00	4.9885e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.2256e+00	-6.9274e+00	3.1279e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2826e+00	-1.5317e+00	-2.7533e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1450e+00	-2.0334e+00	-2.8887e+00
198	0.0000e+00	0.0000e+00	0.0000e+00	-6.8001e+00	-3.5676e+00	-2.2218e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4465e+00	-2.0642e+00	-1.4076e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4302e+00	-1.4832e+00	4.7180e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.6609e+00	1.0031e+00	-6.5088e-01
197	0.0000e+00	0.0000e+00	0.0000e+00	-1.1348e+00	-8.5523e-01	9.3666e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1823e+00	-1.5909e+00	1.1166e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.2251e+00	-8.9942e-01	-6.2149e-01
196	0.0000e+00	0.0000e+00	0.0000e+00	2.7442e+00	3.5523e+00	1.4482e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.7646e+00	-9.7445e+00	-1.9958e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.1670e+00	-9.7249e-01	-9.5660e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0761e+00	-3.4768e+00	3.1358e-01
195	0.0000e+00	0.0000e+00	0.0000e+00	-4.7407e+00	-9.4011e+00	-1.6629e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5708e+00	-3.2486e+00	2.3417e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1326e+00	3.7517e+00	9.6479e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1902e+00	1.5568e+00	-9.8563e-01
194	0.0000e+00	0.0000e+00	0.0000e+00	3.6461e+00	3.3987e+00	1.2150e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.5674e+00	7.5160e+00	-8.1529e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1195e+00	-7.2010e-01	-1.0070e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.1785e+00	-3.0998e+00	8.1099e-01

193	0.0000e+00	0.0000e+00	0.0000e+00	-5.2918e+00	7.1079e+00	-2.1877e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7223e+00	-2.1611e+00	2.1177e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5035e+00	1.4116e+00	9.5726e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4433e+00	1.2780e+00	-7.5710e-01
192	0.0000e+00	0.0000e+00	0.0000e+00	1.4479e+00	1.6632e+00	1.4074e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.9991e+00	-1.9947e+00	9.2731e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2684e+00	-2.0324e+00	6.3632e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0107e+00	-1.6745e+00	8.3673e-01
191	0.0000e+00	0.0000e+00	0.0000e+00	-2.2771e+00	1.2621e+00	1.4068e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2688e+00	-1.6507e+00	1.5718e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1682e+00	1.3835e+00	8.8964e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3667e+00	7.8428e-01	-6.9960e-01
190	0.0000e+00	0.0000e+00	0.0000e+00	1.6914e+00	-1.9537e+00	-5.0391e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3795e+00	1.7949e+00	-3.6357e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4305e+00	-2.3991e+00	5.0216e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4020e+00	-2.0017e+00	6.5690e-01
189	0.0000e+00	0.0000e+00	0.0000e+00	-9.6922e-01	1.8622e+00	7.0323e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.2501e-01	1.7562e+00	6.6906e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.5204e-01	-1.9322e+00	3.1046e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.2887e-01	-2.2918e+00	3.6942e-01
188	0.0000e+00	0.0000e+00	0.0000e+00	1.0132e+00	1.5495e+00	7.0055e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1409e+00	-9.9651e-01	8.6056e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3132e+00	-1.3973e+00	-6.7593e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.2467e-01	-1.7628e+00	-4.6703e-01
187	0.0000e+00	0.0000e+00	0.0000e+00	-1.1628e+00	-1.3651e+00	-6.6739e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6964e+00	1.4761e+00	-9.9862e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7542e+00	-1.0437e+00	-1.2176e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9857e+00	-1.3579e+00	8.8289e-01
186	0.0000e+00	0.0000e+00	0.0000e+00	-1.1247e+00	1.3464e+00	-8.5097e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.9031e-01	-1.2031e+00	-6.5333e-01

	0.0000e+00	0.0000e+00	0.0000e+00	1.0122e+00	-8.3885e-01	-1.4591e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7974e+00	-9.3372e-01	-1.6863e+00
185	0.0000e+00	0.0000e+00	0.0000e+00	-8.3258e-01	1.1973e+00	-5.9099e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.7372e-01	-5.9902e-01	-6.2069e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.6242e-01	-6.7867e-01	-9.1694e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.5444e-01	-6.8663e-01	-9.2461e-01
184	0.0000e+00	0.0000e+00	0.0000e+00	-2.8299e+00	-1.8798e+00	1.0154e+00
	0.0000e+00	0.0000e+00	0.0000e+00	9.8995e-01	-2.3214e+00	9.0964e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.2496e-01	-3.4485e+00	4.2451e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2992e+00	-1.9702e+00	2.0437e-01
183	0.0000e+00	0.0000e+00	0.0000e+00	-1.9754e+00	-2.9700e+00	9.3180e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.9817e+00	-2.9816e+00	1.0319e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.5635e+00	-3.3306e+00	7.0465e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5507e+00	-3.6140e+00	5.1311e-01
182	0.0000e+00	0.0000e+00	0.0000e+00	-1.9804e+00	-1.7478e+00	-2.3253e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.8710e+00	-2.1420e+00	-1.4335e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6719e+00	-6.0597e+00	-3.1930e+00
181	0.0000e+00	0.0000e+00	0.0000e+00	8.8792e-01	-1.0025e+00	-1.6893e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.3015e-01	-1.2369e+00	3.1474e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.1450e+00	-1.0566e+00	8.3565e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.1980e+00	-2.7017e+00	7.9174e-01
180	0.0000e+00	0.0000e+00	0.0000e+00	-1.0701e+00	-4.7726e-01	1.3352e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-9.0309e-01	-1.1761e+00	-1.1293e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8829e+00	-2.7584e+00	-2.3167e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6238e+00	-3.2774e+00	2.6287e+00
179	0.0000e+00	0.0000e+00	0.0000e+00	-1.2385e+00	-1.9283e+00	-1.0500e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0533e+00	-2.1064e+00	-2.6035e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7556e+00	-1.9369e+00	-4.4208e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3883e+00	-2.4368e+00	-8.5936e-01
178	0.0000e+00	0.0000e+00	0.0000e+00	1.0111e+00	-1.7978e+00	-4.2950e-01

	0.0000e+00	0.0000e+00	0.0000e+00	8.3170e-01	-1.5847e+00	3.7768e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0391e+00	-1.1792e+00	7.0783e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.8011e-01	-1.7223e+00	-6.0954e-01
177	0.0000e+00	0.0000e+00	0.0000e+00	7.7980e-01	-1.6942e+00	5.0230e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.1444e-01	-8.6749e-01	1.1969e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.7160e-01	-1.3443e+00	1.6584e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.2228e+00	-1.2301e+00	9.9954e-01
176	0.0000e+00	0.0000e+00	0.0000e+00	-2.2998e+00	1.1639e+00	-2.9783e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.9560e+00	7.8392e+00	2.6395e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7465e+00	9.3569e-01	1.5740e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7052e+00	2.9046e+00	-9.9129e-01
175	0.0000e+00	0.0000e+00	0.0000e+00	4.8349e+00	7.9170e+00	1.5033e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.6401e+00	2.1848e+00	-1.8243e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.3889e+00	-3.5831e+00	-6.9056e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7381e+00	-7.8571e-01	1.6520e+00
174	0.0000e+00	0.0000e+00	0.0000e+00	6.2745e-01	1.6003e+00	-8.1869e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6718e+00	1.9271e+00	-7.0430e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4079e+00	3.4397e+00	-3.9699e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.3976e-01	3.3397e+00	-6.1398e-01
173	0.0000e+00	0.0000e+00	0.0000e+00	-2.2761e+00	-2.7497e+00	-1.8549e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.3172e+00	-8.9661e+00	2.3925e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8367e+00	1.7051e+00	1.8432e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2898e+00	3.5904e+00	-3.9007e-01
172	0.0000e+00	0.0000e+00	0.0000e+00	6.4165e+00	8.3116e+00	1.9443e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.4861e+00	2.2550e+00	-2.9373e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.9256e+00	-3.7505e+00	-7.2274e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.5312e-01	4.9964e-01	2.0370e+00
171	0.0000e+00	0.0000e+00	0.0000e+00	1.8198e+00	1.3116e+00	-1.7113e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8792e+00	1.7932e+00	-1.3554e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0066e+00	1.4309e+00	-6.2263e-01

	0.0000e+00	0.0000e+00	0.0000e+00	1.3474e+00	-3.6535e+00	-9.4342e-01
170	0.0000e+00	0.0000e+00	0.0000e+00	-9.1532e-01	-9.9989e-01	1.0343e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3523e+00	-1.7950e+00	1.1212e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0325e+00	-1.4300e+00	9.3803e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5288e+00	-2.1298e+00	7.8318e-01
169	0.0000e+00	0.0000e+00	0.0000e+00	3.7972e+00	4.4735e+00	1.2188e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.6997e-01	2.2061e+00	1.0030e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.1425e+00	-6.4877e-01	-9.5882e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.4782e-01	-2.1073e+00	6.9274e-01
168	0.0000e+00	0.0000e+00	0.0000e+00	7.5679e-01	1.5449e+00	-1.2397e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-9.6497e-01	1.1502e+00	1.3212e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.0453e-01	5.5131e-01	-1.0519e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.7779e-01	5.2156e-01	-1.1450e+00
167	0.0000e+00	0.0000e+00	0.0000e+00	-7.2333e-01	6.2150e-01	1.0076e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.1682e-01	6.2645e-01	5.9085e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.2097e-01	6.4927e-01	6.6359e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.0618e-01	-4.5422e-01	1.0735e+00
166	0.0000e+00	0.0000e+00	0.0000e+00	-4.6483e-01	5.1201e-01	-5.0224e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.0607e-01	7.5483e-01	-4.6979e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.3819e-01	5.2701e-01	-4.2450e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.6882e-01	2.8463e-01	-5.3862e-01
165	0.0000e+00	0.0000e+00	0.0000e+00	4.5196e-01	-4.9698e-01	-5.9079e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.5310e-01	-6.5280e-01	7.8097e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1756e+00	3.7843e-01	-1.0431e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.2453e-01	6.9591e-01	-8.9479e-01
164	0.0000e+00	0.0000e+00	0.0000e+00	7.2393e-01	1.4910e+00	-2.2455e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.8581e+00	4.4291e+00	2.1750e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.6599e+00	1.9188e+00	5.4283e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0661e+00	1.1901e+00	1.0250e+00
163	0.0000e+00	0.0000e+00	0.0000e+00	1.7713e+00	-3.4807e+00	-1.0193e+00

	0.0000e+00	0.0000e+00	0.0000e+00	-2.4410e+00	-2.9354e+00	-8.3114e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5995e+00	-3.9310e+00	1.0050e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.4096e+00	-4.3406e+00	-1.8358e+00
162	0.0000e+00	0.0000e+00	0.0000e+00	-2.0847e+00	1.2692e+00	-7.8784e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.8880e-01	9.6858e-01	1.3269e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.0443e-01	-2.6830e+00	1.2356e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1496e+00	-1.4693e+00	6.8492e-01
161	0.0000e+00	0.0000e+00	0.0000e+00	-9.7954e-01	1.6733e+00	2.7254e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.3210e+00	7.1709e+00	2.9406e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.3510e+00	3.5191e+00	1.1076e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.1424e+00	3.2770e+00	1.5281e+00
160	0.0000e+00	0.0000e+00	0.0000e+00	3.0980e+00	-4.8876e+00	1.5728e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.6099e+00	-3.8929e+00	-1.2155e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.7532e+00	-1.9844e+00	1.8802e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.6219e+00	-1.2496e+00	1.3683e+00
159	0.0000e+00	0.0000e+00	0.0000e+00	-1.6153e+00	1.8650e+00	-1.1081e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.5062e+00	2.6140e+00	-1.4626e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.6709e+00	2.8334e+00	1.5919e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0578e+00	2.8049e+00	-9.6398e-01
158	0.0000e+00	0.0000e+00	0.0000e+00	2.8129e+00	3.5390e+00	2.3030e+00
	0.0000e+00	0.0000e+00	0.0000e+00	9.8122e+00	5.7310e+00	1.8892e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.6145e+00	4.6197e+00	-5.1622e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.1330e+00	3.3429e+00	-2.3880e+00
157	0.0000e+00	0.0000e+00	0.0000e+00	-4.6670e+00	-8.6893e+00	3.4995e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.6147e+00	-9.6620e+00	-1.8732e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9074e+00	-3.8255e+00	-3.5351e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.3032e+00	-3.3664e+00	-2.9556e+00
156	0.0000e+00	0.0000e+00	0.0000e+00	-7.8634e-01	-1.1182e+00	-8.6489e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.1350e-01	-8.8631e-01	-9.1144e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1196e+00	1.0084e+00	-1.2636e+00

	0.0000e+00	0.0000e+00	0.0000e+00	1.6719e+00	1.3975e+00	-1.2299e+00
155	0.0000e+00	0.0000e+00	0.0000e+00	1.0002e+00	-1.7811e+00	5.3772e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.9115e+00	-1.7852e+00	1.2197e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.7701e+00	-2.2714e+00	1.2961e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3199e+00	-1.1855e+00	-6.3986e-01
154	0.0000e+00	0.0000e+00	0.0000e+00	1.9465e+00	-2.3278e+00	1.5031e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.7332e+00	-4.8975e+00	8.6386e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.9317e-01	-1.4015e+00	-1.2039e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.5062e-01	-2.1017e+00	7.7857e-01
153	0.0000e+00	0.0000e+00	0.0000e+00	-5.9043e+00	-4.9242e+00	-1.3698e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-9.4274e-01	-3.3804e+00	-1.0013e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7044e+00	-2.1259e+00	6.4723e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5712e+00	1.8211e+00	-8.0573e-01
152	0.0000e+00	0.0000e+00	0.0000e+00	4.1946e+00	3.8076e+00	1.9577e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.7652e+00	9.2963e+00	-1.6280e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.1368e+00	-1.8131e+00	-2.5854e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.5054e+00	-3.4766e+00	5.9179e-01
151	0.0000e+00	0.0000e+00	0.0000e+00	-1.0759e+01	8.9268e+00	-2.4279e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.7984e+00	-3.1770e+00	2.5235e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7295e+00	2.2742e+00	7.7160e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8501e+00	2.7658e+00	-2.1837e+00
150	0.0000e+00	0.0000e+00	0.0000e+00	1.5136e+00	1.5739e+00	-9.9411e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4301e+00	1.8727e+00	-5.9431e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8169e+00	-1.9097e+00	-8.6958e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8038e+00	-1.7124e+00	-1.2170e+00
149	0.0000e+00	0.0000e+00	0.0000e+00	-1.7031e+00	1.2467e+00	9.2885e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5082e+00	1.4590e+00	1.0947e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9642e+00	1.5503e+00	-1.1421e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8339e+00	1.1969e+00	-8.3903e-01
148	0.0000e+00	0.0000e+00	0.0000e+00	1.0186e+00	-1.9087e+00	-5.9797e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-1.1994e+00	1.7873e+00	-2.7700e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3231e+00	2.0026e+00	4.2668e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5294e+00	-1.9120e+00	3.7264e-01
147	0.0000e+00	0.0000e+00	0.0000e+00	-1.8361e+00	1.9552e+00	4.4507e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2616e+00	2.1958e+00	7.9196e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2646e+00	-1.4678e+00	7.4705e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4184e+00	1.8038e+00	3.9395e-01
146	0.0000e+00	0.0000e+00	0.0000e+00	-1.0047e+00	2.0627e+00	8.9198e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1151e+00	-1.6116e+00	7.6740e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.1845e-01	-1.5415e+00	-7.1032e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1391e+00	-1.4386e+00	7.3801e-01
145	0.0000e+00	0.0000e+00	0.0000e+00	1.2110e+00	1.3052e+00	-7.6618e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4663e+00	1.4553e+00	-7.0764e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0083e+00	1.2803e+00	2.7422e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.4373e-01	-1.6046e+00	6.2741e-01
144	0.0000e+00	0.0000e+00	0.0000e+00	-2.7306e+00	-8.2788e-01	1.3209e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8034e+00	-2.2426e+00	1.5508e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.3874e-01	-9.0712e-01	7.1426e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5485e+00	1.3866e+00	-2.6801e-01
143	0.0000e+00	0.0000e+00	0.0000e+00	-8.1677e-01	7.9519e-01	3.9368e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1165e+00	-9.2015e-01	4.7372e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.2034e-01	-7.8938e-01	-5.2951e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.2346e-01	-1.1225e+00	-4.3805e-01
142	0.0000e+00	0.0000e+00	0.0000e+00	-4.5916e-01	-1.8976e+00	1.0568e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.2952e-01	-2.3025e+00	7.7271e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.8541e-01	-2.1335e+00	5.6771e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.4455e-01	-1.7481e+00	5.3333e-01
141	0.0000e+00	0.0000e+00	0.0000e+00	-1.2173e+00	-3.0012e+00	1.1748e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.2166e+00	3.1609e+00	7.8889e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7608e+00	-3.2949e+00	3.7032e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-1.5043e+00	-2.5468e+00	4.9667e-01
140	0.0000e+00	0.0000e+00	0.0000e+00	8.6508e-01	-1.9735e+00	-5.2590e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.7453e-01	-1.0379e+00	3.7510e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2638e+00	8.7981e-01	1.0660e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.1090e+00	-1.4264e+00	8.2897e-01
139	0.0000e+00	0.0000e+00	0.0000e+00	1.9478e+00	-4.4233e+00	-3.2274e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.9858e+00	-3.2818e+00	8.3194e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.2581e+00	3.4370e+00	4.3949e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.2081e+01	1.5112e+01	-5.1197e+00
138	0.0000e+00	0.0000e+00	0.0000e+00	-3.8242e-01	-2.2965e+00	1.0451e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.2197e-01	9.2386e-01	7.2575e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.1459e-01	8.9306e-01	-1.4659e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0458e+00	1.7867e+00	1.8337e+00
137	0.0000e+00	0.0000e+00	0.0000e+00	1.4624e+00	-1.1289e+00	1.4219e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.3398e+00	-1.7555e+00	5.8663e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.9671e+00	9.1388e-01	7.5692e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.9714e+00	7.3749e-01	1.9785e+00
136	0.0000e+00	0.0000e+00	0.0000e+00	1.9704e+00	1.0371e+00	5.7124e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9547e+00	6.5051e-01	7.5941e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8881e+00	5.7746e-01	1.5755e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7643e+00	8.0083e-01	1.1510e+00
135	0.0000e+00	0.0000e+00	0.0000e+00	-2.0137e+00	5.9064e-01	-1.5513e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.4507e-01	8.2554e-01	-1.5069e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5802e+00	9.7369e-01	-1.6671e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4293e+00	9.5794e-01	-1.6622e+00
134	0.0000e+00	0.0000e+00	0.0000e+00	1.7711e+00	-4.9712e-01	-1.5279e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.3431e-01	-4.9768e-01	-1.2970e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.5109e+00	8.4233e-01	-1.6763e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-9.1073e-01	9.0780e-01	-1.9033e+00
133	0.0000e+00	0.0000e+00	0.0000e+00	1.6939e+00	2.6862e+00	1.5938e+00

	0.0000e+00	0.0000e+00	0.0000e+00	3.0065e+00	-2.9034e+00	1.6920e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.6749e+00	5.4419e+00	-1.8735e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0776e+00	-6.0488e-01	2.5460e+00
132	0.0000e+00	0.0000e+00	0.0000e+00	1.7126e+00	2.1784e+00	-1.3422e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.6544e+00	4.5525e+00	-2.0808e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.7717e+00	2.1107e+00	-9.8600e-01
131	0.0000e+00	0.0000e+00	0.0000e+00	-2.2213e+00	9.5225e-01	-1.0859e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.6122e+00	1.0751e+00	1.3976e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.8226e+00	2.8649e+00	7.9435e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4976e+00	-1.2429e+00	7.4979e-01
130	0.0000e+00	0.0000e+00	0.0000e+00	-6.8258e-01	2.0999e+00	-2.9880e+00
	0.0000e+00	0.0000e+00	0.0000e+00	9.5375e+00	9.7571e+00	-3.5614e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.2523e+00	4.9541e+00	2.2521e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.7411e+00	3.6182e+00	1.1354e+00
129	0.0000e+00	0.0000e+00	0.0000e+00	5.1922e+00	-4.2153e+00	3.2235e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.7117e+00	-6.8768e+00	-1.8093e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.8441e+00	-2.4806e+00	-2.6033e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.3107e+00	-3.3991e+00	1.1155e+00
128	0.0000e+00	0.0000e+00	0.0000e+00	-1.6714e+00	1.3095e+00	-9.8240e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.5502e-01	1.7872e+00	7.1959e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2719e+00	-2.1864e+00	7.6527e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7451e+00	-2.2615e+00	7.8310e-01
127	0.0000e+00	0.0000e+00	0.0000e+00	1.3551e+00	2.3549e+00	2.1912e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.3797e+00	-8.5023e+00	1.7475e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.9480e+00	4.9135e+00	1.4606e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.9404e+00	3.2917e+00	1.2235e+00
126	0.0000e+00	0.0000e+00	0.0000e+00	4.3700e+00	-4.7150e+00	1.1762e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.5708e+00	-3.6429e+00	-2.7897e+00
	0.0000e+00	0.0000e+00	0.0000e+00	9.9173e-01	-2.6421e+00	3.4872e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6283e+00	-2.3154e+00	1.6439e+00

125	0.0000e+00	0.0000e+00	0.0000e+00	-1.8024e+00	4.5499e-01	-1.8457e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.1220e-01	-3.9886e-01	-1.1837e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.9907e-01	-7.3049e-01	-1.0092e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2417e+00	-4.6921e-01	-1.7952e+00
124	0.0000e+00	0.0000e+00	0.0000e+00	-1.1081e+00	-1.0712e+00	-4.9757e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0854e+00	-1.1822e+00	-3.7937e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.7072e-01	-1.5269e+00	-9.6920e-01
123	0.0000e+00	0.0000e+00	0.0000e+00	8.6926e-01	-1.1772e+00	-2.2884e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3265e+00	-1.5625e+00	3.9593e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.9736e+00	-1.0143e+00	-4.1816e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3427e+00	-7.6399e-01	-7.8268e-01
122	0.0000e+00	0.0000e+00	0.0000e+00	1.3841e+00	-1.8299e+00	4.5860e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3348e+00	-1.4769e+00	-1.3815e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3636e+00	-6.4456e-01	1.9457e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.0270e+00	-9.0182e-01	9.3175e-01
121	0.0000e+00	0.0000e+00	0.0000e+00	-5.5401e-01	-5.6779e-01	-1.5514e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.9173e-01	-6.1059e-01	-8.1453e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.0457e+00	-6.3148e-01	-1.2422e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.0974e-01	-7.5475e-01	2.0370e+00
120	0.0000e+00	0.0000e+00	0.0000e+00	-7.2421e-01	3.0033e+00	-1.2179e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2338e+00	2.5057e+00	-1.7289e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.0832e+00	-1.1590e+01	-3.2502e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8925e+00	-9.3076e-01	4.1964e+00
119	0.0000e+00	0.0000e+00	0.0000e+00	1.2506e+01	4.3573e+00	1.8846e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7376e+00	1.8408e+00	1.9477e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4420e+00	-1.2960e+00	1.2619e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.9556e+00	4.5065e+00	-2.9835e+00
118	0.0000e+00	0.0000e+00	0.0000e+00	5.6677e-01	-1.9480e+00	1.1650e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.6594e-01	-1.7343e+00	1.3249e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.1280e-01	2.1808e+00	1.4757e+00

	0.0000e+00	0.0000e+00	0.0000e+00	-3.4712e-01	1.6686e+00	1.4261e+00
117	0.0000e+00	0.0000e+00	0.0000e+00	-2.2613e+00	-7.6200e-01	1.1508e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7326e+00	7.7917e-01	-1.8910e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.8684e+00	-3.3665e+00	-1.9631e+00
	0.0000e+00	0.0000e+00	0.0000e+00	9.1019e-01	-2.0286e+00	-1.7306e+00
116	0.0000e+00	0.0000e+00	0.0000e+00	-3.0031e+00	5.4882e+00	1.5825e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5024e+00	-1.0459e+00	1.8980e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-9.4868e-01	1.9354e+00	-1.8735e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.9952e+00	8.3446e-01	-2.2035e+00
115	0.0000e+00	0.0000e+00	0.0000e+00	-1.8338e+00	-6.9526e-01	1.6859e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7731e+00	2.4843e+00	1.8338e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8765e+00	-2.3489e+00	2.3775e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2583e+00	1.7347e+00	2.1429e+00
114	0.0000e+00	0.0000e+00	0.0000e+00	-2.8879e+00	4.1037e+00	1.1757e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3502e+00	2.8313e+00	-3.9223e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1155e+01	-1.3216e+01	-2.7116e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.3350e+00	-3.0446e+00	5.4247e+00
113	0.0000e+00	0.0000e+00	0.0000e+00	2.9052e+00	-1.6037e+00	9.7672e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.3976e+00	-1.1069e+00	7.4060e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0092e+00	-6.5685e-01	1.0818e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.5016e+00	9.6380e-01	1.4548e+00
112	0.0000e+00	0.0000e+00	0.0000e+00	-1.9621e+00	-8.3981e-01	2.4354e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.9097e+00	-5.8345e+00	-2.5974e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.3444e+00	-2.2237e+00	-2.1556e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.9386e+00	-1.7478e+00	-9.0952e-01
111	0.0000e+00	0.0000e+00	0.0000e+00	2.5379e+00	2.4172e+00	1.5553e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.6701e+00	-3.8672e+00	9.5984e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5806e+00	-1.9081e+00	-1.2987e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.5912e+00	-2.1975e+00	5.9016e-01
110	0.0000e+00	0.0000e+00	0.0000e+00	-4.9560e+00	-4.2453e+00	-1.6763e+00

	0.0000e+00	0.0000e+00	0.0000e+00	-1.8789e+00	-2.7846e+00	-6.1508e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1982e+00	-2.1315e+00	4.7247e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0180e+00	2.0732e+00	-1.1390e+00
109	0.0000e+00	0.0000e+00	0.0000e+00	1.9387e+00	-2.3461e+00	1.6951e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.3626e+00	-3.9201e+00	6.5376e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.7548e-01	-1.6617e+00	-1.4058e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.4301e+00	-2.2993e+00	5.1732e-01
108	0.0000e+00	0.0000e+00	0.0000e+00	-5.4465e+00	-4.5352e+00	-1.8759e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.8345e-01	-1.9455e+00	-9.8291e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7971e+00	-1.0989e+00	-4.6868e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7128e+00	1.3107e+00	-1.0674e+00
107	0.0000e+00	0.0000e+00	0.0000e+00	-2.5610e+00	-2.2094e+00	-4.4449e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.9807e+00	1.3518e+01	3.4566e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1024e+00	1.5220e+00	1.1533e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3935e+00	4.6140e+00	-8.5433e-01
106	0.0000e+00	0.0000e+00	0.0000e+00	3.7435e+00	1.3209e+01	2.0448e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4932e+00	2.5918e+00	-3.5204e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.2271e+00	5.3800e+00	-8.7833e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1413e+00	-5.3683e-01	1.2567e+00
105	0.0000e+00	0.0000e+00	0.0000e+00	-1.2049e+00	-2.8741e+00	-1.5026e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.5703e+00	3.6088e+00	-1.6781e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5239e+00	2.7312e+00	1.9851e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7686e+00	2.2456e+00	-9.8041e-01
104	0.0000e+00	0.0000e+00	0.0000e+00	5.4137e+00	3.9601e+00	2.4998e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6643e+00	2.7442e+00	1.5203e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.0319e+00	3.2024e+00	-1.1440e+00
	0.0000e+00	0.0000e+00	0.0000e+00	9.4340e-01	-2.6743e+00	2.1729e+00
103	0.0000e+00	0.0000e+00	0.0000e+00	-2.7616e+00	-5.3516e+00	4.2301e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3890e+01	-1.8795e+01	4.5251e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.2342e+00	2.0642e+00	3.0971e+00

	0.0000e+00	0.0000e+00	0.0000e+00	-4.7767e+00	6.9050e+00	8.7613e-01
102	0.0000e+00	0.0000e+00	0.0000e+00	9.0540e+00	1.6470e+01	3.6746e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6987e+00	3.1024e+00	-5.4085e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.2182e+00	-6.9454e+00	-6.7731e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4008e+00	-2.7887e+00	4.2321e+00
101	0.0000e+00	0.0000e+00	0.0000e+00	-1.3812e+00	2.5123e+00	5.0487e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0391e+00	2.5874e+00	4.2406e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5600e+00	1.3757e+00	-3.1187e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0956e+00	1.1904e+00	-5.4650e-01
100	0.0000e+00	0.0000e+00	0.0000e+00	3.0742e+00	-1.4098e+00	-6.0005e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8717e+00	-1.8457e+00	-9.5542e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2923e+00	-1.0940e+00	-1.1769e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7178e+00	-1.6170e+00	-7.7480e-01
99	0.0000e+00	0.0000e+00	0.0000e+00	1.2735e+00	-1.7861e+00	9.9948e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3702e+00	-1.9126e+00	9.1079e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5096e+00	-2.0462e+00	9.2601e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3859e+00	-2.2333e+00	8.9929e-01
98	0.0000e+00	0.0000e+00	0.0000e+00	-1.1037e+00	-1.1429e+00	-4.4177e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5756e+00	-9.2011e-01	-5.2350e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0713e+00	1.2771e+00	5.8688e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3815e+00	1.2105e+00	-3.1369e-01
97	0.0000e+00	0.0000e+00	0.0000e+00	-1.4275e+00	-2.4278e+00	5.8882e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3019e+00	-2.2353e+00	8.1740e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1136e+00	-2.1868e+00	7.1310e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.8064e-01	-2.2215e+00	6.1172e-01
96	0.0000e+00	0.0000e+00	0.0000e+00	-2.4733e+00	-1.6364e+00	4.8948e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.2485e+00	-1.9522e+00	6.6951e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.7663e+00	-2.0631e+00	4.1201e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.0952e+00	-2.2394e+00	6.5185e-01
95	0.0000e+00	0.0000e+00	0.0000e+00	-1.2442e+00	2.7783e+00	1.8933e+00

	0.0000e+00	0.0000e+00	0.0000e+00	-2.7974e+00	-2.6681e+00	2.1742e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6108e+00	5.2041e+00	-1.4771e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.5714e+00	3.5029e+00	-8.2585e-01
94	0.0000e+00	0.0000e+00	0.0000e+00	-9.3228e-01	-1.9820e+00	-8.0669e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.9057e-01	-1.9102e+00	-7.8097e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0898e+00	2.0694e+00	9.1945e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.9704e-01	2.3039e+00	-1.0393e+00
93	0.0000e+00	0.0000e+00	0.0000e+00	1.0369e+00	-1.6776e+00	-3.1896e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.7267e-01	-1.2036e+00	-4.3900e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1705e+00	-1.3509e+00	-3.3448e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.4652e-01	-1.7538e+00	-5.7632e-01
92	0.0000e+00	0.0000e+00	0.0000e+00	-1.8349e+00	2.7088e+00	6.7852e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7280e+00	3.0628e+00	-1.1194e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1549e+00	-1.6620e+00	-8.0340e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4900e+00	1.4053e+00	-3.5383e-01
91	0.0000e+00	0.0000e+00	0.0000e+00	-1.0085e+00	2.2777e+00	-1.4208e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.6300e+00	2.9176e+00	-1.1459e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.4333e+00	-2.4055e+00	-5.0750e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1910e+00	-2.0591e+00	-7.5406e-01
90	0.0000e+00	0.0000e+00	0.0000e+00	-1.4628e+00	1.7203e+00	-1.2070e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2078e+00	-1.8718e+00	-1.3332e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7067e+00	-1.8219e+00	-9.9249e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9340e+00	-1.5656e+00	-9.8369e-01
89	0.0000e+00	0.0000e+00	0.0000e+00	-7.3080e-01	1.7626e+00	8.1367e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.9689e-01	-1.7119e+00	6.7809e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.0233e-01	-1.6870e+00	-9.0423e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.4142e-01	2.0471e+00	-8.7864e-01
88	0.0000e+00	0.0000e+00	0.0000e+00	-1.5061e+00	-2.2609e+00	1.2866e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8531e+00	-2.1993e+00	1.2238e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.4870e+00	-2.0898e+00	1.0603e+00

	0.0000e+00	0.0000e+00	0.0000e+00	-1.9545e+00	-2.8522e+00	9.1143e-01
87	0.0000e+00	0.0000e+00	0.0000e+00	-4.1635e-01	-1.3086e+00	-3.4722e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0987e+00	-9.9037e-01	-2.7128e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0088e+00	-7.9022e-01	-5.3902e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.5461e-01	-8.4830e-01	-7.9093e-01
86	0.0000e+00	0.0000e+00	0.0000e+00	-1.2530e+00	-2.4931e+00	-1.0718e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8312e+00	-2.6867e+00	1.3365e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1215e+00	-4.1155e+00	1.4035e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.5504e+00	-4.0387e+00	8.5709e-01
85	0.0000e+00	0.0000e+00	0.0000e+00	-2.4205e+00	2.2135e+00	1.2436e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6896e+00	2.3245e+00	7.9507e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.1935e+00	4.0874e+00	1.4811e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1208e+00	-4.2974e+00	1.5654e+00
84	0.0000e+00	0.0000e+00	0.0000e+00	-2.3439e+00	-1.4924e+00	9.6977e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5386e+00	-1.7453e+00	-1.9190e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.2680e+00	-6.0467e+00	-2.0688e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2878e+00	-5.5576e+00	-1.4193e+00
83	0.0000e+00	0.0000e+00	0.0000e+00	-2.4520e-02	1.0563e-02	7.1837e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4678e-01	1.1917e-02	8.6519e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2523e-01	5.3196e-02	1.2912e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5125e-02	1.2060e-01	1.1608e-01
82	0.0000e+00	0.0000e+00	0.0000e+00	-1.6393e-01	1.1072e-02	9.6682e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7033e-01	9.5137e-03	1.0016e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9012e-01	6.2201e-02	1.1795e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6278e-01	4.9871e-02	1.1695e-01
81	0.0000e+00	0.0000e+00	0.0000e+00	-1.6952e-01	1.4213e-02	1.0400e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4001e-01	1.1175e-02	1.0452e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7073e-01	7.0897e-02	1.1230e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8991e-01	6.4404e-02	1.1258e-01
80	0.0000e+00	0.0000e+00	0.0000e+00	-1.2804e-01	1.4588e-02	1.0600e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-9.3567e-02	1.0894e-02	1.0998e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2478e-01	6.6736e-02	1.1862e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5986e-01	7.4056e-02	1.1358e-01
79	0.0000e+00	0.0000e+00	0.0000e+00	-7.9982e-02	1.2990e-02	1.1098e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.4158e-02	9.5637e-03	1.1410e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.7227e-02	6.0790e-02	1.2685e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1223e-01	6.9931e-02	1.2295e-01
78	0.0000e+00	0.0000e+00	0.0000e+00	-4.3621e-02	1.2466e-02	1.1326e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.3430e-02	9.5624e-03	-1.0783e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.6577e-02	6.7939e-02	-1.2308e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.7590e-02	6.3751e-02	1.2901e-01
77	0.0000e+00	0.0000e+00	0.0000e+00	-3.1074e-02	1.5123e-02	-1.0446e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5784e-02	1.2417e-02	-8.7865e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.2807e-02	8.7328e-02	-1.0290e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.6977e-02	7.0573e-02	-1.2069e-01
76	0.0000e+00	0.0000e+00	0.0000e+00	-3.8315e-02	1.8669e-02	-8.3674e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.2319e-02	1.7738e-02	-6.5532e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.7525e-02	1.0874e-01	-7.9027e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.9278e-02	9.0029e-02	-9.8148e-02
75	0.0000e+00	0.0000e+00	0.0000e+00	-4.0188e-02	2.2812e-02	-6.5133e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.6481e-02	2.2324e-02	-7.0195e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.1281e-02	1.1377e-01	-7.9165e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.8371e-02	1.1065e-01	-7.4360e-02
74	0.0000e+00	0.0000e+00	0.0000e+00	-3.0130e-02	1.6653e-02	-7.5568e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.8677e-02	2.2233e-02	-9.9819e-02
	0.0000e+00	0.0000e+00	0.0000e+00	4.6649e-02	1.0728e-01	-1.0915e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.1077e-02	1.1135e-01	-8.6037e-02
73	0.0000e+00	0.0000e+00	0.0000e+00	1.7330e-02	1.4151e-02	-1.0764e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.5188e-02	2.1200e-02	-1.3426e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.3801e-02	9.5915e-02	-1.4180e-01

	0.0000e+00	0.0000e+00	0.0000e+00	5.1732e-02	1.0018e-01	-1.1551e-01
72	0.0000e+00	0.0000e+00	0.0000e+00	6.3694e-02	1.1669e-02	1.4142e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1962e-01	1.9414e-02	1.6639e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5775e-01	8.1542e-02	1.7286e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0278e-01	8.7152e-02	1.4760e-01
71	0.0000e+00	0.0000e+00	0.0000e+00	1.4471e-01	9.5928e-03	1.7186e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1409e-01	1.6457e-02	1.9194e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.4298e-01	6.4557e-02	2.0041e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8250e-01	7.2886e-02	1.7950e-01
70	0.0000e+00	0.0000e+00	0.0000e+00	2.3739e-01	9.0103e-03	1.9449e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.9489e-01	1.1902e-02	2.0219e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.0153e-01	5.7450e-02	2.1895e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.6568e-01	5.8679e-02	2.0995e-01
69	0.0000e+00	0.0000e+00	0.0000e+00	2.9912e-01	1.2890e-02	1.9720e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.9081e-01	1.7693e-02	1.8241e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.6459e-01	1.0569e-01	2.1807e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.0640e-01	5.8966e-02	2.3167e-01
68	0.0000e+00	0.0000e+00	0.0000e+00	2.6772e-01	2.8140e-02	1.6475e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.8321e-02	2.6689e-02	1.2831e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.3215e-02	2.6768e-01	2.0234e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.0582e-01	1.1595e-01	2.3845e-01
67	0.0000e+00	0.0000e+00	0.0000e+00	2.8584e-01	6.2249e-02	-2.4562e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.7388e-01	-3.9461e-02	-3.7746e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.3620e-01	2.1530e-01	-3.7844e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7028e-01	1.9029e-01	-2.4775e-01
66	0.0000e+00	0.0000e+00	0.0000e+00	3.8688e-01	-5.3614e-02	-4.3188e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.8362e-01	-4.4104e-02	-6.0242e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1363e-01	2.7453e-01	-5.7902e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.4865e-01	2.1389e-01	-4.1010e-01
65	0.0000e+00	0.0000e+00	0.0000e+00	3.4686e-01	-6.6733e-02	-6.7410e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-3.1649e-01	8.6922e-02	-8.8560e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8852e-01	3.7833e-01	-8.2747e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.9165e-01	2.7679e-01	-6.1821e-01
64	0.0000e+00	0.0000e+00	0.0000e+00	-3.3170e-01	-9.0268e-02	-9.1269e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3914e+00	-2.6755e-01	1.1725e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.0810e-01	7.0845e-01	1.1512e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.9830e-01	3.8071e-01	-8.8202e-01
63	0.0000e+00	0.0000e+00	0.0000e+00	9.6517e-01	-7.0801e-01	-1.0402e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0676e+00	-8.6710e-01	-7.1467e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.3693e-01	-3.9564e-01	5.4755e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.5771e-01	-4.4153e-01	8.5909e-01
62	0.0000e+00	0.0000e+00	0.0000e+00	1.2452e+00	-8.6960e-01	-3.6792e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.1598e-01	-6.4513e-01	-1.8121e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.9993e-01	-3.8159e-01	3.3963e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.0509e-01	-4.3081e-01	5.5627e-01
61	0.0000e+00	0.0000e+00	0.0000e+00	1.1177e+00	-6.2459e-01	-2.1419e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.0337e-01	-6.3012e-01	-3.8378e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.3603e-01	-2.5102e-01	3.8842e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.0084e-01	-4.3228e-01	3.1704e-01
60	0.0000e+00	0.0000e+00	0.0000e+00	-7.9969e-01	-6.1660e-01	6.2468e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5405e-01	-5.7036e-01	8.1209e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.5384e-01	-2.9122e-01	5.0860e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.2669e-01	-2.9683e-01	3.1243e-01
59	0.0000e+00	0.0000e+00	0.0000e+00	4.9492e-01	-6.2858e-01	7.7184e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.8615e-01	-9.7860e-01	6.6599e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.7856e-01	-5.0246e-01	3.7354e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.9028e-01	-4.2334e-01	4.4128e-01
58	0.0000e+00	0.0000e+00	0.0000e+00	7.5379e-01	-1.0379e+00	4.1590e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.2329e-01	-1.2026e+00	-1.9729e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.9236e-01	-6.4600e-01	-2.1960e-01

	0.0000e+00	0.0000e+00	0.0000e+00	5.0174e-01	-6.9511e-01	3.3413e-01
57	0.0000e+00	0.0000e+00	0.0000e+00	7.5265e-01	-1.2693e+00	-3.1499e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.1903e-01	-9.9603e-01	-5.9723e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.9620e-01	-5.8836e-01	-4.7432e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.3763e-01	-7.2808e-01	-1.7697e-01
56	0.0000e+00	0.0000e+00	0.0000e+00	-7.4509e-01	-9.6752e-01	-9.4851e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.4586e-01	-8.2904e-01	-1.0108e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.5581e-01	-2.8955e-01	5.5968e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.8948e-01	-4.4950e-01	-4.1698e-01
55	0.0000e+00	0.0000e+00	0.0000e+00	-4.8937e-01	-8.1906e-01	8.7398e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.5489e-01	-1.2819e+00	5.8812e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.2224e-01	-4.6027e-01	3.2145e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.5178e-01	-4.0062e-01	5.8593e-01
54	0.0000e+00	0.0000e+00	0.0000e+00	5.5831e-01	-1.2896e+00	2.5143e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.8312e-01	-9.5369e-01	-1.9683e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5946e-01	-5.3784e-01	-2.9431e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.0611e-01	-4.6615e-01	4.1851e-01
53	0.0000e+00	0.0000e+00	0.0000e+00	5.9053e-01	-9.2752e-01	-3.3440e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4564e-01	-5.7538e-01	-5.1321e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.9392e-01	-4.3755e-01	-4.6302e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2607e-01	-4.3282e-01	3.0112e-01
52	0.0000e+00	0.0000e+00	0.0000e+00	-3.9827e-01	-5.6639e-01	-7.6468e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.2493e-01	-7.9756e-01	-8.2166e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.3121e-01	-5.0499e-01	4.8695e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.9802e-01	-4.0648e-01	-4.0229e-01
51	0.0000e+00	0.0000e+00	0.0000e+00	-5.0004e-01	-8.3123e-01	7.2588e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.9771e-01	-1.2937e+00	4.6942e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.3004e-01	-7.9794e-01	2.2652e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.1000e-01	-6.6678e-01	4.6016e-01
50	0.0000e+00	0.0000e+00	0.0000e+00	-8.8337e-01	-1.3485e+00	1.8670e-01

	0.0000e+00	0.0000e+00	0.0000e+00	9.3834e-01	-1.2645e+00	2.7048e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.3265e-01	-8.5031e-01	2.8382e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.0426e-01	-8.5638e-01	2.6800e-01
49	0.0000e+00	0.0000e+00	0.0000e+00	-9.9690e-01	-1.2334e+00	5.2607e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.9826e-01	-8.4322e-01	7.9592e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.6983e-01	-7.6418e-01	5.6497e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.0608e-01	-8.1603e-01	2.9763e-01
48	0.0000e+00	0.0000e+00	0.0000e+00	5.5441e-01	-9.0346e-01	8.5403e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0068e-01	-1.3351e+00	8.6769e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0319e-01	-4.5513e-01	6.1552e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2143e-01	-6.9184e-01	5.9566e-01
47	0.0000e+00	0.0000e+00	0.0000e+00	-4.3822e-01	9.2946e-02	-5.9636e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3211e-01	-7.0326e-02	-4.3075e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.0444e-01	-2.2546e-01	-3.7394e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.5777e-01	-3.2270e-01	-5.3839e-01
46	0.0000e+00	0.0000e+00	0.0000e+00	-1.8269e-01	-4.8991e-02	-3.8245e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3889e-01	-4.4456e-02	-2.6454e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4464e-01	-1.5204e-01	-2.3260e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6289e-01	-2.2345e-01	-3.4747e-01
45	0.0000e+00	0.0000e+00	0.0000e+00	1.3530e-01	-3.3401e-02	-2.2823e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1730e-01	-3.7601e-02	-1.4436e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.2144e-02	-1.1683e-01	-1.3354e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2340e-01	-1.5346e-01	-2.1495e-01
44	0.0000e+00	0.0000e+00	0.0000e+00	-1.6859e-01	1.0292e-01	1.2150e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3613e-01	9.7115e-02	1.2920e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8075e-01	1.6921e-01	1.5696e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1984e-01	1.8849e-01	1.4585e-01
43	0.0000e+00	0.0000e+00	0.0000e+00	-1.1667e-01	9.4796e-02	1.2896e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.9585e-02	8.5157e-02	1.3955e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2309e-01	1.4020e-01	1.7921e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-1.6400e-01	1.6832e-01	1.6592e-01
42	0.0000e+00	0.0000e+00	0.0000e+00	-6.9779e-02	8.5213e-02	1.3706e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.6963e-02	8.6193e-02	-1.3740e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.6872e-02	1.3221e-01	-1.8358e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0754e-01	1.3913e-01	1.8290e-01
41	0.0000e+00	0.0000e+00	0.0000e+00	-5.3154e-02	9.2794e-02	1.3253e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.1092e-02	1.0709e-01	-1.1835e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0240e-01	1.5440e-01	-1.6611e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.6697e-02	1.3213e-01	1.8182e-01
40	0.0000e+00	0.0000e+00	0.0000e+00	-7.0278e-02	1.1478e-01	-1.1576e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.9636e-02	1.3264e-01	-9.4086e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3773e-01	2.0017e-01	-1.4140e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1496e-01	1.5087e-01	-1.6718e-01
39	0.0000e+00	0.0000e+00	0.0000e+00	-8.3636e-02	1.5863e-01	-8.5787e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-7.5233e-02	1.5190e-01	-9.0805e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2432e-01	2.2845e-01	-1.2500e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5533e-01	2.1445e-01	-1.1829e-01
38	0.0000e+00	0.0000e+00	0.0000e+00	5.6684e-02	1.4130e-01	-1.0069e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.9820e-02	1.4676e-01	-1.2046e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0796e-01	2.2370e-01	-1.4983e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1552e-01	2.3193e-01	-1.2982e-01
37	0.0000e+00	0.0000e+00	0.0000e+00	5.8364e-02	1.3393e-01	-1.3074e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.6316e-02	1.3305e-01	-1.5397e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4294e-01	2.0047e-01	-1.8263e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1192e-01	2.1595e-01	-1.5867e-01
36	0.0000e+00	0.0000e+00	0.0000e+00	1.1032e-01	1.1831e-01	1.6348e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7182e-01	1.1417e-01	1.8759e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1908e-01	1.7161e-01	2.1545e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5915e-01	1.8854e-01	1.9137e-01
35	0.0000e+00	0.0000e+00	0.0000e+00	1.8846e-01	9.8732e-02	1.9502e-01

	0.0000e+00	0.0000e+00	0.0000e+00	2.6011e-01	9.1027e-02	2.2050e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.0356e-01	1.4252e-01	2.5312e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.3784e-01	1.5851e-01	2.2747e-01
34	0.0000e+00	0.0000e+00	0.0000e+00	2.6573e-01	7.8337e-02	2.2430e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.2136e-01	7.7055e-02	2.4741e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.4991e-01	1.2803e-01	2.9981e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.1300e-01	1.3219e-01	2.7498e-01
33	0.0000e+00	0.0000e+00	0.0000e+00	2.9568e-01	8.5531e-02	2.4362e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.8664e-01	1.3769e-01	2.5690e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.9012e-01	2.0365e-01	3.4821e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.3314e-01	1.3448e-01	3.3278e-01
32	0.0000e+00	0.0000e+00	0.0000e+00	2.1463e-01	3.0096e-01	-4.1556e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.0162e-01	3.5266e-01	-5.3561e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5360e-01	4.1219e-01	-4.7541e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5029e-01	3.3316e-01	-3.5850e-01
31	0.0000e+00	0.0000e+00	0.0000e+00	1.5234e-01	3.9173e-01	-6.2828e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6290e-01	5.2676e-01	-7.5597e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3772e-01	6.2397e-01	-6.0464e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5045e-01	4.5425e-01	-4.8511e-01
30	0.0000e+00	0.0000e+00	0.0000e+00	6.6082e-01	-2.8850e-01	4.7324e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.0095e-01	-2.7153e-01	3.7038e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.6002e-01	2.0932e-01	3.6556e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.9880e-01	1.8080e-01	4.6617e-01
29	0.0000e+00	0.0000e+00	0.0000e+00	5.7350e-01	-2.8478e-01	3.4965e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.5999e-01	-2.0354e-01	3.5488e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.6707e-01	2.1507e-01	3.2472e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.3738e-01	2.1644e-01	3.4721e-01
28	0.0000e+00	0.0000e+00	0.0000e+00	4.0581e-01	-2.1363e-01	3.9003e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.2257e-01	-2.4255e-01	4.0520e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.6309e-01	2.4278e-01	3.0388e-01

	0.0000e+00	0.0000e+00	0.0000e+00	3.3065e-01	2.1558e-01	2.9519e-01
27	0.0000e+00	0.0000e+00	0.0000e+00	3.0167e-01	-2.7712e-01	3.8876e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.4319e-01	-4.3562e-01	3.4152e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.2613e-01	-3.1706e-01	2.4927e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.6421e-01	2.7733e-01	2.7360e-01
26	0.0000e+00	0.0000e+00	0.0000e+00	3.7012e-01	-4.7358e-01	2.7587e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.0618e-01	-5.3510e-01	-2.3691e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.6217e-01	-3.5104e-01	-2.1062e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.5733e-01	-3.6291e-01	2.2684e-01
25	0.0000e+00	0.0000e+00	0.0000e+00	4.5198e-01	-5.7401e-01	-2.2693e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.3311e-01	-4.5492e-01	-3.1349e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.2657e-01	-3.6059e-01	-2.5539e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.7366e-01	-3.6862e-01	-1.8837e-01
24	0.0000e+00	0.0000e+00	0.0000e+00	-4.2325e-01	-3.3396e-01	-4.6993e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5154e-01	-2.1685e-01	-4.6655e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.9738e-01	1.1870e-01	-3.1494e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8962e-01	-1.8868e-01	-2.6179e-01
23	0.0000e+00	0.0000e+00	0.0000e+00	-3.8206e-01	-2.1006e-01	-4.4190e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5017e-01	-3.3668e-01	-3.8727e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4267e-01	1.2244e-01	-2.7264e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8309e-01	-1.0984e-01	-3.1031e-01
22	0.0000e+00	0.0000e+00	0.0000e+00	-3.3669e-01	-3.3480e-01	3.4997e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.9177e-01	-3.5533e-01	-3.3451e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9427e-01	1.8331e-01	-2.8942e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3096e-01	1.4053e-01	3.0199e-01
21	0.0000e+00	0.0000e+00	0.0000e+00	-2.8189e-01	-3.4702e-01	-3.6633e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4233e-01	-3.3851e-01	-3.8416e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9548e-01	2.3865e-01	-3.0871e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8135e-01	1.9222e-01	3.0039e-01
20	0.0000e+00	0.0000e+00	0.0000e+00	-2.6638e-01	-3.4911e-01	4.2950e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-3.3082e-01	-4.9846e-01	3.9886e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5429e-01	3.2885e-01	2.7576e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1575e-01	2.6816e-01	3.0151e-01
19	0.0000e+00	0.0000e+00	0.0000e+00	-4.1690e-01	-5.1643e-01	3.6101e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.9316e-01	-6.8050e-01	2.6457e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4372e-01	-4.2569e-01	2.0106e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1456e-01	3.9263e-01	2.7302e-01
18	0.0000e+00	0.0000e+00	0.0000e+00	-5.2875e-01	-6.9226e-01	2.1741e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.6117e-01	-6.9913e-01	2.5360e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.9410e-01	-4.4416e-01	2.4180e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.7449e-01	-4.5708e-01	2.0928e-01
17	0.0000e+00	0.0000e+00	0.0000e+00	-5.4767e-01	-6.8301e-01	3.3855e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.7747e-01	-5.4318e-01	4.8283e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.3605e-01	-3.7172e-01	3.7842e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.7842e-01	-4.3109e-01	2.4751e-01
16	0.0000e+00	0.0000e+00	0.0000e+00	-2.6995e-01	-2.9738e-01	-3.1264e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7291e-01	-2.2711e-01	-2.3697e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1030e-01	-2.5112e-01	-1.7797e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5271e-01	-3.4805e-01	-2.4622e-01
15	0.0000e+00	0.0000e+00	0.0000e+00	1.2355e-01	-2.0413e-01	-1.9589e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.4095e-02	-1.7763e-01	-1.4207e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.5240e-02	-1.8799e-01	-1.2271e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6522e-01	-2.3674e-01	-1.7157e-01
14	0.0000e+00	0.0000e+00	0.0000e+00	-2.0209e-01	9.3152e-02	1.2838e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7678e-01	1.0079e-01	1.2011e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2762e-01	1.8521e-01	1.4492e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4689e-01	1.7356e-01	1.5534e-01
13	0.0000e+00	0.0000e+00	0.0000e+00	-1.7273e-01	1.9739e-01	1.7880e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4172e-01	1.6972e-01	2.0269e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8871e-01	2.2139e-01	2.7306e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-2.4274e-01	2.9767e-01	2.4507e-01
12	0.0000e+00	0.0000e+00	0.0000e+00	-1.3950e-01	1.5488e-01	-1.8333e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5719e-01	2.0286e-01	-1.7664e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2296e-01	1.1453e-01	-2.6575e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0410e-01	1.2641e-01	-2.5677e-01
11	0.0000e+00	0.0000e+00	0.0000e+00	-1.6697e-01	2.6725e-01	-1.3189e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6489e-01	2.7110e-01	-1.2175e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.3418e-01	3.1597e-01	-1.8278e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4596e-01	2.4251e-01	-2.1703e-01
10	0.0000e+00	0.0000e+00	0.0000e+00	1.3161e-01	2.5307e-01	-1.4891e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3409e-01	2.6134e-01	-1.6393e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.0382e-01	3.0548e-01	-2.0879e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1252e-01	3.0971e-01	-1.9262e-01
9	0.0000e+00	0.0000e+00	0.0000e+00	1.2588e-01	2.4327e-01	-1.8013e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6549e-01	2.3265e-01	1.9986e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.2329e-01	2.5122e-01	2.5310e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.9801e-01	2.9375e-01	-2.2770e-01
8	0.0000e+00	0.0000e+00	0.0000e+00	1.7563e-01	2.1323e-01	2.1538e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.3945e-01	1.9806e-01	2.3609e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.0879e-01	2.1155e-01	2.8505e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.3213e-01	2.3691e-01	2.6627e-01
7	0.0000e+00	0.0000e+00	0.0000e+00	2.5833e-01	1.8171e-01	2.5018e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.2737e-01	1.6720e-01	2.8462e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.1248e-01	1.9564e-01	3.2392e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.2070e-01	1.9893e-01	2.9457e-01
6	0.0000e+00	0.0000e+00	0.0000e+00	3.3291e-01	1.5173e-01	2.9485e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.7811e-01	1.4239e-01	3.4905e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.6248e-01	1.5853e-01	4.0924e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.0857e-01	1.8228e-01	3.5389e-01
5	0.0000e+00	0.0000e+00	0.0000e+00	-1.8397e-01	1.3431e-01	-2.6447e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-1.6106e-01	1.5981e-01	-2.6784e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0338e-01	1.4373e-01	-2.0067e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2194e-01	1.5279e-01	-1.9421e-01
4	0.0000e+00	0.0000e+00	0.0000e+00	-1.5668e-01	1.6540e-01	2.7811e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7035e-01	2.1165e-01	2.7054e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1814e-01	1.5838e-01	2.0065e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0233e-01	1.4339e-01	2.0789e-01
3	0.0000e+00	0.0000e+00	0.0000e+00	-2.6927e-01	3.0832e-01	2.2692e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2344e-01	3.6683e-01	1.9515e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3309e-01	2.2960e-01	1.5740e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0354e-01	2.1560e-01	1.7928e-01
2	0.0000e+00	0.0000e+00	0.0000e+00	-3.3314e-01	3.6871e-01	1.8850e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5929e-01	-3.6372e-01	2.1290e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6581e-01	2.2116e-01	1.8147e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4738e-01	2.3573e-01	1.5831e-01
1	0.0000e+00	0.0000e+00	0.0000e+00	1.1423e-01	-2.6311e-01	2.5012e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5090e-01	2.0344e-01	1.9585e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0969e-01	-2.4102e-01	3.3553e-01

2.10.5 Condizione "(1) Dinamica SLDh Y"

Elemento	Nx (kg)	Ny (kg)	Nxy (kg)	Mx (kgxcm)	My (kgxcm)	Mxy (kgxcm)
340	1.6600e-04	-9.7443e-05	5.9467e-04	-8.8969e-02	4.0201e-02	1.8607e-01
	1.1100e-04	3.0193e-03	3.7525e-04	1.6988e-01	3.6970e-01	1.2844e-01
	-3.0111e-04	2.9480e-03	8.7706e-04	-2.1494e-02	-3.4769e-01	1.6681e-01
	-3.5208e-04	-2.2262e-04	1.3846e-03	-1.2258e-01	-9.1845e-02	2.5474e-01
339	6.1444e-03	-4.0843e-04	-3.8572e-04	-3.4059e-02	-8.1596e-02	1.7122e-01
	6.1444e-03	-3.1583e-04	6.7371e-04	-1.6015e-01	-3.4639e-02	1.5164e-01
	0.0000e+00	-4.0024e-04	-6.4655e-04	-5.1747e-02	-1.4527e-01	1.3207e-01
	0.0000e+00	-4.0165e-04	-9.5470e-04	9.9766e-03	-1.6729e-01	-1.5985e-01
338	5.7511e-03	-4.1143e-04	3.6300e-04	-7.1753e-02	-7.0105e-02	1.4936e-01
	5.7511e-03	-2.8224e-04	6.3580e-04	1.4214e-01	3.5801e-02	1.7737e-01

	0.0000e+00	5.0896e-04	-4.2801e-04	4.8142e-02	8.0214e-02	2.0315e-01
	0.0000e+00	-1.8586e-04	4.2325e-04	-8.4958e-03	-1.7413e-01	1.7040e-01
337	4.6725e-03	-3.3441e-04	3.0119e-04	3.1117e-02	8.1365e-02	2.0035e-01
	4.6725e-03	-3.4240e-04	-7.5936e-04	9.8914e-02	6.1431e-02	2.2882e-01
	0.0000e+00	6.1170e-04	-7.2380e-04	3.9551e-02	7.1384e-02	2.4775e-01
	0.0000e+00	4.2667e-04	-2.2757e-04	-8.0677e-03	1.0776e-01	2.2774e-01
336	4.7811e-03	-3.5143e-04	4.1889e-04	-1.8093e-02	3.3792e-02	2.3661e-01
	4.7811e-03	-5.9776e-04	6.8695e-04	-1.0121e-01	-5.5412e-02	2.4247e-01
	-4.0733e-18	-9.3429e-04	-1.2445e-03	-4.8587e-02	-1.0835e-01	-2.6719e-01
	-4.2453e-18	6.1846e-04	-9.0563e-04	5.5561e-03	6.3286e-02	-2.7301e-01
335	4.6907e-03	-5.1860e-04	6.2528e-04	-5.1015e-02	-9.8105e-02	2.1042e-01
	4.6907e-03	-3.5541e-04	1.0860e-03	7.4989e-02	9.0481e-02	2.1099e-01
	-2.7690e-18	8.2819e-04	-1.0895e-03	-3.7521e-02	-8.9030e-02	2.4383e-01
	-2.6514e-18	6.0459e-04	-9.2203e-04	4.0431e-03	-5.6061e-02	2.4071e-01
334	4.3087e-03	-2.1368e-04	7.7058e-04	8.4665e-02	7.6008e-02	1.6438e-01
	4.3087e-03	4.0890e-04	-6.2501e-04	6.9444e-02	1.7302e-01	1.6642e-01
	0.0000e+00	4.1048e-04	7.3674e-04	-7.5072e-03	1.3446e-01	1.5966e-01
	0.0000e+00	-3.1942e-04	1.1339e-03	5.5232e-02	1.0819e-01	1.6642e-01
333	3.2649e-03	2.4867e-04	-5.0689e-04	2.3675e-01	1.1066e-01	-2.5094e-01
	3.2649e-03	-3.3591e-04	-1.2177e-04	-1.3718e-02	8.5229e-02	-2.6379e-01
	-1.5835e-18	9.6651e-04	-1.3778e-03	-7.3153e-03	-6.0306e-02	-3.4516e-01
	-1.5868e-18	1.1667e-03	-1.3037e-03	9.3018e-02	1.7684e-01	-3.0019e-01
332	3.0243e-03	-3.5538e-04	-1.2893e-03	-1.2903e-01	-4.1232e-02	-3.1216e-01
	3.0243e-03	-5.2201e-04	9.4834e-05	-9.8470e-02	-1.1904e-01	-2.3230e-01
	1.5927e-18	-2.8816e-04	5.1252e-04	5.2948e-03	-2.5626e-01	-3.2539e-01
	1.4381e-18	-1.0866e-03	1.4810e-03	-3.7544e-02	-6.8050e-02	-3.8372e-01
331	-5.3606e-03	-6.0471e-04	5.5519e-04	-2.7984e-01	-6.4950e-02	1.6178e-01
	-5.3606e-03	3.9882e-04	1.5748e-04	9.0361e-02	9.0072e-02	-8.5101e-02
	0.0000e+00	-3.1075e-04	5.1970e-04	2.0276e-02	2.2152e-01	1.2934e-01
	0.0000e+00	-5.3296e-04	6.0248e-04	-9.7511e-02	-2.0492e-01	1.8637e-01

330	-4.8332e-03	3.1303e-04	3.7299e-04	1.9253e-01	1.9198e-02	-1.1113e-01
	-4.8332e-03	2.5354e-04	-2.8366e-04	1.0861e-01	5.5807e-02	-1.7282e-01
	0.0000e+00	2.7556e-04	8.5709e-04	1.9072e-02	2.1136e-01	-1.8387e-01
	0.0000e+00	5.5154e-04	8.9065e-04	5.8410e-02	1.6190e-01	1.2526e-01
329	-4.0537e-03	2.5196e-04	-4.4328e-04	2.1252e-01	1.9402e-02	-2.0962e-01
	-4.0537e-03	-3.8291e-04	-5.8209e-04	-1.5814e-01	2.6794e-02	-2.3651e-01
	0.0000e+00	-4.1008e-04	-1.1294e-03	-3.9232e-02	-1.4805e-01	-2.9195e-01
	0.0000e+00	3.4604e-04	-9.3918e-04	5.5654e-02	1.8471e-01	-2.5893e-01
328	-3.7615e-03	-3.8281e-04	-4.9323e-04	1.5129e-01	-3.4454e-02	-2.2706e-01
	-3.7615e-03	-3.2388e-04	4.9793e-04	-2.1310e-01	-2.2078e-02	-1.5887e-01
	0.0000e+00	-3.4927e-04	8.4175e-04	-4.7294e-02	-2.1578e-01	-2.0693e-01
	0.0000e+00	-3.7183e-04	-1.0974e-03	3.2413e-02	-1.4654e-01	-2.7283e-01
327	-3.4932e-03	-3.2586e-04	3.7303e-04	-1.3823e-01	-3.3051e-02	-1.1923e-01
	-3.4932e-03	2.4379e-04	1.5124e-04	1.1202e-01	1.7890e-02	-8.3794e-02
	0.0000e+00	2.5899e-04	5.3221e-04	2.4695e-02	1.8256e-01	7.7259e-02
	0.0000e+00	-3.2320e-04	8.5091e-04	-2.7011e-02	-2.3035e-01	-9.5996e-02
326	-3.0215e-03	2.4526e-04	5.2281e-05	1.5784e-01	2.4229e-02	-1.1373e-01
	-3.0215e-03	1.6486e-04	-3.2816e-04	9.2582e-02	1.7964e-02	-1.6077e-01
	0.0000e+00	1.6850e-04	-4.7714e-04	-1.7247e-02	6.5520e-02	-1.8950e-01
	0.0000e+00	2.4636e-04	3.7152e-04	2.6574e-02	1.7793e-01	-1.4096e-01
325	-1.5648e-03	1.6683e-04	-2.4615e-04	2.0501e-01	2.6671e-02	-1.5776e-01
	-1.5648e-03	-5.7231e-05	2.3908e-04	-3.3168e-01	-1.1637e-01	-6.9281e-02
	0.0000e+00	-5.7231e-05	-2.1193e-04	-5.2674e-02	3.2307e-02	-1.0756e-01
	0.0000e+00	1.6315e-04	-6.1897e-04	2.1721e-02	4.9222e-02	-1.9714e-01
324	0.0000e+00	-4.0603e-04	1.2432e-03	-5.3994e-03	1.2393e-01	2.4815e-01
	0.0000e+00	6.6714e-04	-1.1469e-03	4.0065e-03	-6.6745e-02	2.4783e-01
	2.4874e-03	1.4185e-04	2.0022e-04	1.0677e-02	3.7688e-02	1.8930e-01
323	1.4108e-04	1.2197e-03	-2.6457e-04	1.6721e-01	2.5442e-01	-9.0236e-02
	-4.1757e-05	4.1024e-05	9.5312e-05	1.7097e-02	1.6867e-02	8.0762e-02
	-6.9853e-05	-1.9869e-04	-4.6488e-04	1.1247e-01	8.2241e-02	-2.1245e-01

	-1.8746e-04	1.1588e-03	-3.9367e-04	7.3500e-02	1.8695e-01	-1.6406e-01
322	0.0000e+00	-1.0149e-04	3.2119e-04	-7.7317e-03	1.0108e-01	2.6068e-01
	0.0000e+00	4.4235e-04	-9.5395e-04	-2.1255e-02	-6.2318e-02	2.7878e-01
	2.0299e-03	2.1362e-04	-3.4926e-04	-6.8181e-02	-5.3136e-02	2.5003e-01
	2.0299e-03	-1.9660e-04	2.2732e-04	2.9017e-02	3.5778e-02	2.1384e-01
321	2.7869e-18	3.4002e-04	-8.3943e-04	9.7563e-03	-3.7392e-02	2.6227e-01
	2.8544e-18	6.6640e-04	-1.0627e-03	-7.5550e-02	-2.5634e-01	2.4326e-01
	-3.1475e-03	4.1942e-04	8.1410e-04	6.4041e-02	-1.0484e-01	1.9976e-01
	-3.1475e-03	-3.3882e-04	4.6052e-04	-9.0710e-02	-7.4711e-02	2.1064e-01
320	0.0000e+00	-3.0814e-04	5.1426e-04	2.7691e-02	9.3056e-02	2.0604e-01
	0.0000e+00	-8.8917e-05	-6.3202e-04	8.1972e-03	9.9260e-02	2.2796e-01
	3.4055e-03	-8.8917e-05	-1.8230e-04	5.1410e-02	3.6754e-02	2.2212e-01
	3.4055e-03	1.0634e-04	5.4830e-04	6.3465e-02	-4.8384e-02	2.0640e-01
319	0.0000e+00	-8.8917e-05	-5.6382e-04	2.4021e-02	9.5710e-02	2.5941e-01
	0.0000e+00	4.9443e-04	-9.9643e-04	-6.4526e-02	-1.2504e-01	2.4475e-01
	-4.8268e-03	3.7136e-04	-2.9446e-04	-1.7625e-01	-3.5068e-02	2.2459e-01
	-4.8268e-03	-8.8917e-05	-3.8273e-04	7.1534e-02	-2.5250e-02	2.2241e-01
318	0.0000e+00	2.2606e-04	-6.5417e-04	3.4115e-02	-1.7491e-01	-2.4317e-01
	0.0000e+00	-7.3065e-04	8.0759e-04	-1.6484e-01	-3.5046e-01	-1.8489e-01
	5.3049e-03	-1.0665e-03	1.6165e-03	-3.0252e-01	-1.6353e-01	-1.3856e-01
	5.3049e-03	4.5286e-04	1.4706e-04	-9.7285e-02	-1.8201e-01	1.2940e-01
317	0.0000e+00	-7.8922e-04	1.2850e-03	7.6150e-03	-2.3376e-01	-3.6578e-01
	0.0000e+00	-2.8658e-03	3.0362e-03	1.3310e-02	1.6503e-01	-4.4186e-01
	3.9626e-03	-1.0345e-03	-1.3142e-03	2.0493e-01	2.2610e-01	-2.4875e-01
	3.9626e-03	-6.8130e-04	-6.7329e-04	-1.1875e-01	-2.8842e-01	-1.9785e-01
316	0.0000e+00	-5.1506e-04	-8.0444e-04	-1.6248e-01	-4.2664e-01	-2.2059e-01
	0.0000e+00	3.9733e-04	-2.8878e-04	9.9594e-02	-1.5400e-01	-1.0766e-01
	4.8010e-03	3.9733e-04	-1.4154e-03	4.5436e-01	1.4966e-01	-6.6293e-02
	4.8010e-03	-1.4401e-03	-1.0162e-03	-5.6614e-01	-5.9732e-02	-1.6623e-01
315	0.0000e+00	2.5101e-04	-1.0670e-03	7.0272e-03	-6.9105e-02	-2.0147e-01

	0.0000e+00	1.5725e-04	6.9766e-04	7.4199e-03	1.2384e-01	-1.9181e-01
	-2.1212e-03	8.8102e-05	4.1044e-04	2.8621e-02	-4.6806e-02	2.0546e-01
314	1.4166e-18	-2.2233e-03	2.7602e-03	-1.8984e-02	-5.6820e-02	-4.2242e-01
	1.7193e-18	-2.2648e-04	-9.2192e-04	2.0330e-02	3.8760e-01	-3.4676e-01
	4.0173e-03	-7.2591e-04	-4.3066e-04	7.8552e-02	-1.1939e-01	-1.2623e-01
313	-1.2818e-04	-1.4049e-03	6.0613e-04	1.4474e-01	3.8927e-01	7.8157e-02
	1.2762e-04	5.2634e-05	1.1213e-04	-9.9485e-02	4.2840e-02	1.6028e-01
	-8.4085e-04	3.7414e-04	8.2823e-04	3.1458e-01	-2.1336e-01	-1.8567e-01
	9.0970e-04	-1.3690e-03	1.2301e-03	-1.4286e-01	-5.5201e-01	1.5354e-01
312	0.0000e+00	1.7117e-04	-1.3747e-03	-1.3558e-02	2.9644e-01	-3.0367e-01
	0.0000e+00	-1.9265e-03	-3.7368e-03	2.2430e-02	6.3489e-02	3.7987e-01
	-6.4569e-03	1.3783e-03	1.2658e-03	7.9851e-02	3.3009e-02	2.7084e-01
	-6.4569e-03	5.8965e-04	-5.1223e-04	9.5145e-02	2.2581e-01	1.9880e-01
311	3.0727e-18	-1.3193e-03	-3.3290e-03	1.6938e-02	3.7875e-02	3.8372e-01
	3.2779e-18	-1.6084e-03	3.2803e-03	-1.4688e-01	-5.7713e-01	3.7976e-01
	-1.0316e-02	-7.0187e-04	3.1884e-03	-2.1411e-01	-3.2740e-01	-2.0531e-01
	-1.0316e-02	1.0494e-03	-1.2442e-03	-1.3899e-01	8.4839e-02	-2.0128e-01
310	0.0000e+00	-1.5710e-03	2.6312e-03	-1.2126e-01	-2.8614e-01	-3.5404e-01
	0.0000e+00	1.0243e-04	-2.6089e-03	4.2166e-02	7.8089e-02	-4.0996e-01
	-7.9738e-03	1.0243e-04	-1.1011e-03	1.2149e-01	1.0628e-01	-3.2167e-01
	-7.9738e-03	-5.5712e-04	-4.0842e-04	-3.4069e-01	-1.0088e-01	-2.9678e-01
309	0.0000e+00	1.0243e-04	-2.7181e-03	5.6592e-02	9.1182e-02	-4.1635e-01
	0.0000e+00	1.9078e-03	1.7530e-03	-1.7794e-01	-3.7816e-01	-2.8725e-01
	-4.2594e-03	8.1486e-04	6.8045e-04	-5.0563e-01	9.9072e-02	-2.4862e-01
	-4.2594e-03	1.0243e-04	-1.1630e-03	1.4127e-01	1.0212e-01	-3.0851e-01
308	0.0000e+00	-7.3945e-04	4.8214e-04	2.1492e-02	-4.0813e-01	-2.9683e-01
	0.0000e+00	-6.2691e-04	-1.4887e-03	-9.9046e-02	-1.9522e-01	-3.5282e-01
	-6.7171e-03	9.3218e-04	-9.3339e-04	-2.3970e-01	-9.4905e-02	-2.4041e-01
	-6.7171e-03	1.1502e-03	5.0278e-04	-1.2413e-01	-1.7145e-01	-2.0863e-01
307	0.0000e+00	4.6278e-04	-1.5994e-03	-1.7176e-02	-1.0930e-01	-2.9569e-01

	0.0000e+00	9.9374e-04	-1.4207e-03	2.6753e-02	6.6826e-02	-3.0376e-01
	-7.5357e-03	1.1282e-03	1.9909e-03	1.0510e-01	9.2159e-02	-2.4671e-01
	-7.5357e-03	7.8875e-04	3.8481e-04	-3.0912e-02	-1.1115e-01	-2.3342e-01
306	0.0000e+00	2.2956e-04	1.6944e-03	5.5721e-02	1.2120e-01	-1.9548e-01
	0.0000e+00	-3.4238e-04	2.6569e-04	5.1611e-02	3.8818e-02	-6.0601e-02
	-3.1491e-03	-3.4238e-04	9.0251e-04	3.0203e-01	1.6320e-01	-9.0935e-02
	-3.1491e-03	7.6351e-04	1.7262e-03	-2.2993e-01	1.9758e-02	-1.7761e-01
305	0.0000e+00	-1.0160e-03	-2.5489e-03	-9.9037e-03	-1.3341e-01	-3.1130e-01
	0.0000e+00	-8.7278e-04	1.7879e-03	-1.2563e-02	-3.6347e-01	-2.7417e-01
	-5.5499e-03	-5.4588e-04	4.6211e-04	-4.4400e-02	-8.5547e-02	-2.6784e-01
304	-9.9791e-19	6.2007e-04	-1.4225e-03	3.4085e-03	-3.6818e-02	-2.6592e-01
	-7.8837e-19	4.4593e-04	2.0147e-03	4.5663e-03	1.5294e-01	-2.5443e-01
	-4.5467e-03	2.8152e-04	8.0889e-04	1.5570e-02	-4.7172e-02	-1.5095e-01
303	-2.6816e-04	-8.0314e-05	5.0484e-04	-1.4110e-01	-3.2965e-02	-1.6348e-01
	-3.0609e-04	2.4938e-03	3.7642e-04	-1.2636e-01	-3.1173e-01	-1.3098e-01
	-1.8379e-04	2.4016e-03	8.6374e-04	-2.0376e-02	2.5841e-01	-1.8661e-01
	-2.2134e-04	-1.9933e-04	1.2370e-03	4.3696e-02	7.3354e-02	-2.5130e-01
302	5.6275e-03	-3.0471e-04	-4.1551e-04	-4.7663e-02	6.1525e-02	1.8358e-01
	5.6275e-03	-3.8937e-04	4.9752e-04	1.7338e-01	3.4737e-02	1.5663e-01
	0.0000e+00	-3.7603e-04	-5.1081e-04	5.3263e-02	1.3424e-01	1.5981e-01
	0.0000e+00	-2.9061e-04	-8.5537e-04	-1.2086e-02	7.6246e-02	2.0481e-01
301	4.9453e-03	-4.1162e-04	2.8030e-04	5.9452e-02	6.9095e-02	1.0652e-01
	4.9453e-03	2.6813e-04	8.7488e-04	-9.2921e-02	1.8435e-02	-7.5416e-02
	0.0000e+00	6.2893e-04	7.6515e-04	3.1225e-02	4.7052e-02	-8.3705e-02
	0.0000e+00	-8.3371e-05	3.6169e-04	-5.2007e-03	1.5414e-01	-9.8022e-02
300	3.6541e-03	3.4508e-04	2.4627e-04	2.4211e-02	-8.5125e-02	-7.5225e-02
	3.6541e-03	5.8441e-04	6.3999e-04	-2.0850e-01	-1.0489e-01	-1.0899e-01
	0.0000e+00	8.8169e-04	4.0707e-04	-8.2133e-02	-1.4292e-01	-9.1427e-02
	0.0000e+00	5.0790e-04	5.6587e-04	1.2938e-02	8.5841e-02	-7.2171e-02
299	2.4374e-03	4.6816e-04	4.2649e-04	-1.6809e-02	-9.1565e-02	1.9212e-01

	2.4374e-03	-5.5148e-04	-8.4149e-04	4.5697e-02	-1.5226e-02	2.1986e-01
	-2.7991e-18	-1.3467e-03	-1.5655e-03	2.3395e-02	6.6823e-02	2.7361e-01
	-3.1454e-18	4.7934e-04	-4.2612e-04	-2.9696e-03	-1.1843e-01	2.6010e-01
298	4.2215e-03	-3.4978e-04	6.4689e-04	1.0074e-01	1.1780e-01	1.5201e-01
	4.2215e-03	-2.5163e-04	1.1810e-03	1.1063e-01	1.1265e-01	-1.2105e-01
	-2.2338e-18	-8.2832e-04	-1.4620e-03	9.2306e-02	2.2270e-01	1.8276e-01
	-2.1821e-18	-9.0744e-04	-1.3414e-03	-9.5436e-03	3.8155e-02	2.3413e-01
297	-5.5306e-03	-2.8393e-04	1.5686e-03	7.7899e-02	9.3338e-02	-8.8308e-02
	-5.5306e-03	7.3742e-04	-6.2448e-04	-8.6236e-02	-2.1647e-01	-1.2362e-01
	0.0000e+00	5.3868e-04	-8.9570e-04	6.5330e-03	-1.6326e-01	-1.2816e-01
	0.0000e+00	-9.8666e-04	1.1794e-03	-4.8985e-02	-9.4707e-02	-1.2330e-01
296	-6.0580e-03	6.4493e-04	1.0637e-03	-2.9400e-01	-1.3322e-01	2.6739e-01
	-6.0580e-03	-5.2849e-04	-2.3033e-04	1.7104e-02	-9.2688e-02	2.8327e-01
	-1.4546e-18	1.1280e-03	-1.9916e-03	1.0334e-02	7.9561e-02	4.0408e-01
	-1.4718e-18	1.6421e-03	-1.8273e-03	-1.1850e-01	-2.3157e-01	3.4584e-01
295	3.5984e-03	5.5820e-04	-1.6107e-03	1.3113e-01	5.6185e-02	3.3733e-01
	3.5984e-03	-5.7247e-04	1.2446e-04	9.9627e-02	1.3656e-01	2.4420e-01
	-1.7354e-18	-4.9253e-04	9.3683e-04	-7.2553e-03	2.7625e-01	3.3655e-01
	-1.4941e-18	-1.3242e-03	-2.1319e-03	4.1575e-02	7.6172e-02	4.0721e-01
294	5.9433e-03	-6.7821e-04	9.0547e-04	3.0995e-01	6.7027e-02	-1.5632e-01
	5.9433e-03	4.3403e-04	2.9059e-04	-1.1948e-01	9.2909e-02	-7.4516e-02
	0.0000e+00	-2.2389e-04	7.9094e-04	-2.2448e-02	-2.6500e-01	-1.1386e-01
	0.0000e+00	-8.4617e-04	9.9360e-04	1.0590e-01	2.1557e-01	-1.8480e-01
293	-6.2496e-03	3.6830e-04	6.8536e-04	1.9134e-01	-2.4834e-02	-1.1769e-01
	-6.2496e-03	5.6664e-04	2.9547e-04	-9.4793e-02	-7.8628e-02	2.2473e-01
	0.0000e+00	5.9057e-04	8.4953e-04	-1.4024e-02	-2.6059e-01	2.2369e-01
	0.0000e+00	-5.0328e-04	8.3831e-04	-6.0207e-02	-2.0275e-01	-1.1190e-01
292	-3.3257e-03	5.7244e-04	5.2532e-04	-2.9173e-01	-1.4203e-02	2.7635e-01
	-3.3257e-03	-4.1609e-04	-8.2075e-04	2.3656e-01	-1.5321e-02	3.0145e-01
	0.0000e+00	-4.6359e-04	-1.6732e-03	5.8930e-02	1.4609e-01	3.8624e-01

	0.0000e+00	7.4918e-04	-1.4556e-03	-7.6748e-02	-2.1444e-01	3.5425e-01
291	-4.8789e-03	-4.0933e-04	-6.1986e-04	-8.8009e-02	4.6459e-02	2.8393e-01
	-4.8789e-03	-4.8061e-04	5.9225e-04	1.8337e-01	2.4786e-02	1.9248e-01
	0.0000e+00	-5.1442e-04	-8.9085e-04	3.8398e-02	2.5795e-01	2.2636e-01
	0.0000e+00	-4.2656e-04	-1.3738e-03	-1.8619e-02	1.7994e-01	3.1588e-01
290	-5.8336e-03	-4.8443e-04	4.9820e-04	1.7480e-01	2.6582e-02	1.5016e-01
	-5.8336e-03	3.4235e-04	2.7747e-04	-1.1341e-01	-2.2030e-02	1.1580e-01
	0.0000e+00	3.5421e-04	5.6196e-04	-2.6086e-02	-1.7633e-01	1.3470e-01
	0.0000e+00	-4.7541e-04	9.0084e-04	3.3826e-02	2.5868e-01	1.4272e-01
289	-4.9000e-03	3.4052e-04	2.2759e-04	-1.5345e-01	-2.2437e-02	1.4475e-01
	-4.9000e-03	1.7522e-04	-5.7721e-04	-1.1457e-01	-2.9828e-02	1.9499e-01
	0.0000e+00	1.7761e-04	-7.9802e-04	-2.9323e-02	-2.0007e-01	1.8516e-01
	0.0000e+00	3.3735e-04	5.0074e-04	-3.2138e-02	-1.7039e-01	1.3056e-01
288	-2.1522e-03	1.7577e-04	-5.4122e-04	-3.1753e-01	-7.3972e-02	1.9202e-01
	-2.1522e-03	3.9733e-04	2.6464e-04	4.1903e-01	2.7837e-01	1.3093e-01
	0.0000e+00	3.9733e-04	-3.7679e-04	6.4197e-02	-4.4023e-01	1.7892e-01
	0.0000e+00	1.7273e-04	-9.6117e-04	-2.9106e-02	-2.1747e-01	2.4293e-01
287	0.0000e+00	-1.0708e-03	1.2654e-03	6.9531e-03	-1.2757e-01	-1.6221e-01
	0.0000e+00	7.4208e-04	1.6036e-03	-5.1022e-03	1.3425e-01	-1.5823e-01
	2.5613e-03	-2.5423e-04	3.7921e-04	8.7707e-03	6.3901e-02	-7.0817e-02
262	0.0000e+00	0.0000e+00	0.0000e+00	8.5910e-02	-2.6609e-01	2.4470e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4777e-01	2.2652e-01	2.8746e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.2980e-01	5.5783e-01	3.9720e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.5272e-01	2.4277e-01	2.7716e-01
261	0.0000e+00	0.0000e+00	0.0000e+00	-2.5088e-01	4.6825e-01	2.6033e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4112e-01	7.7542e-01	-1.5197e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.6063e-01	-5.9840e-01	-2.2191e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.4161e-01	-5.0452e-01	3.6369e-01
260	0.0000e+00	0.0000e+00	0.0000e+00	-3.1670e-01	-7.3825e-01	-1.1286e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6818e-01	-7.1573e-01	-2.4428e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-4.1735e-01	-6.2161e-01	-3.3700e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5877e-01	6.6685e-01	-2.4536e-01
259	0.0000e+00	0.0000e+00	0.0000e+00	4.6569e-01	-7.1076e-01	-2.2602e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.8982e-01	-3.8886e-01	5.5447e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.8007e-01	-8.6214e-01	6.1301e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.0054e-01	-8.2845e-01	3.3766e-01
258	0.0000e+00	0.0000e+00	0.0000e+00	-8.4548e-01	1.5474e+00	-9.1803e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.7291e+00	3.7012e+00	-1.3485e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.5004e-01	-7.8228e-01	1.0745e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.3073e+00	1.0039e+00	-2.3992e-01
257	0.0000e+00	0.0000e+00	0.0000e+00	3.9506e+00	3.2985e+00	6.1980e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0095e+00	1.3774e+00	7.2025e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2675e+00	1.7170e+00	-2.3091e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.6120e-01	-5.8736e-01	-1.1811e+00
256	0.0000e+00	0.0000e+00	0.0000e+00	-9.3345e-01	1.0777e+00	-4.3532e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.4555e-01	1.0249e+00	-4.0375e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.0798e-01	1.7177e+00	-1.5371e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.9793e-01	1.6376e+00	-2.3162e-01
255	0.0000e+00	0.0000e+00	0.0000e+00	-1.3653e+00	1.3956e+00	-8.1075e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7633e+00	4.4222e+00	-6.3849e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.1574e-01	-4.1271e-01	3.6763e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.5678e-01	1.7983e+00	-1.8060e-01
254	0.0000e+00	0.0000e+00	0.0000e+00	1.9458e+00	4.4753e+00	8.6922e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0022e+00	1.4083e+00	9.5358e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.3607e-01	1.6511e+00	-1.9360e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.2085e-01	-5.0733e-01	2.6024e-01
253	0.0000e+00	0.0000e+00	0.0000e+00	-3.0186e-01	9.6233e-01	4.8596e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.9443e-01	8.5072e-01	5.0450e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.7120e-01	1.2710e+00	-1.4968e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.7805e-01	1.5257e+00	-1.5855e-01

252	0.0000e+00	0.0000e+00	0.0000e+00	-9.3013e-01	1.0219e+00	-7.0830e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.5079e+00	2.5322e+00	-6.6693e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.0467e-01	-5.3011e-01	1.0280e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0796e+00	1.2726e+00	1.7451e-01
251	0.0000e+00	0.0000e+00	0.0000e+00	3.3781e+00	2.6819e+00	1.1000e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.8470e-01	1.0422e+00	9.2419e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.8108e-01	8.9452e-01	2.0892e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.4844e-01	-6.3470e-01	9.8426e-01
250	0.0000e+00	0.0000e+00	0.0000e+00	-4.4594e-01	6.3377e-01	4.9673e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0409e-01	2.7091e-01	4.1683e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1349e-01	3.1465e-01	1.5782e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.0599e-01	6.9156e-01	2.4250e-01
249	0.0000e+00	0.0000e+00	0.0000e+00	-1.7430e-01	-2.4526e-01	1.3389e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4366e-01	-2.0040e-01	9.3558e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6739e-01	1.2162e-01	1.7703e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.0414e-01	-2.7200e-01	1.1576e-01
248	0.0000e+00	0.0000e+00	0.0000e+00	-1.9880e-01	1.6806e-01	1.5377e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5306e-01	9.0251e-02	-2.2796e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.5577e-02	3.9793e-02	-2.8507e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.7635e-01	-9.4403e-02	2.0506e-01
247	0.0000e+00	0.0000e+00	0.0000e+00	-1.0942e-01	-4.2240e-02	-2.3740e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.1762e-02	-3.1028e-02	-1.6563e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3157e-01	6.6307e-02	-2.0304e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.2490e-02	8.4818e-02	-2.7796e-01
246	0.0000e+00	0.0000e+00	0.0000e+00	1.0684e-01	1.6328e-01	2.3050e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0279e-01	-2.4723e-01	3.9348e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.2565e-01	9.2628e-01	5.6030e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7323e-01	1.9234e-01	3.9584e-01
245	0.0000e+00	0.0000e+00	0.0000e+00	5.0231e-01	-7.1873e-01	-2.2531e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.3069e-02	-1.5766e-01	-4.5503e-01

	0.0000e+00	0.0000e+00	0.0000e+00	3.3973e-01	-2.4698e-01	-1.9897e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2082e-01	-2.9107e-01	2.6079e-01
244	0.0000e+00	0.0000e+00	0.0000e+00	-2.1234e-01	2.2811e-01	-1.9104e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9432e-01	1.6743e-01	2.0641e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8372e-01	-1.6918e-01	2.0576e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3881e-01	-2.4843e-01	-1.9342e-01
243	0.0000e+00	0.0000e+00	0.0000e+00	1.4381e-01	1.5739e-01	2.0584e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1028e-01	-3.4783e-01	3.0285e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.4614e-01	8.4331e-01	4.2763e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2541e-01	-1.6010e-01	2.6681e-01
242	0.0000e+00	0.0000e+00	0.0000e+00	4.8656e-01	-6.7943e-01	-2.4855e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2757e-01	-1.8410e-01	-3.7151e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.7946e-01	-3.4207e-01	-3.0399e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.4532e-01	-2.8927e-01	4.0498e-01
241	0.0000e+00	0.0000e+00	0.0000e+00	-3.6687e-01	1.9516e-01	-2.7733e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1139e-01	4.7613e-01	3.0405e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.3566e-01	-7.3202e-01	3.3341e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9590e-01	-4.4197e-01	3.0270e-01
240	0.0000e+00	0.0000e+00	0.0000e+00	-7.9591e-01	8.2193e-01	-2.0208e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.8067e-01	-4.4986e-01	-1.1464e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.5420e+00	1.8897e+00	7.0544e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.9000e-01	-9.4927e-01	7.2160e-01
239	0.0000e+00	0.0000e+00	0.0000e+00	2.5569e+00	3.1038e+00	1.3252e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-9.8951e-01	6.0662e-01	-9.6185e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.4294e-01	7.0139e-01	2.6196e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.6977e-01	-3.4323e-01	8.6716e-01
238	0.0000e+00	0.0000e+00	0.0000e+00	-1.1103e+00	-1.0337e+00	-2.5067e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5337e-01	-5.2931e-01	-2.0132e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.4784e-01	-3.9189e-01	2.3203e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5601e-01	2.0375e-01	-2.3090e-01

237	0.0000e+00	0.0000e+00	0.0000e+00	2.5087e-01	-9.6911e-02	4.6913e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.8614e-01	-8.7243e-01	2.8863e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4554e-01	-1.8973e-01	-2.4913e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.3998e-02	-4.6848e-01	2.7069e-01
236	0.0000e+00	0.0000e+00	0.0000e+00	2.9044e-01	-2.9124e-01	3.3348e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.3391e-01	-9.6730e-01	2.1637e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.3407e-01	-3.9467e-01	-2.7482e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.4731e-01	-6.3646e-01	1.7020e-01
235	0.0000e+00	0.0000e+00	0.0000e+00	-1.0788e+00	-1.1136e+00	-3.5561e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.2136e-01	-7.0712e-01	-2.4148e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.5925e-01	-5.5203e-01	1.3316e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.0873e-01	-3.8073e-01	-1.9635e-01
234	0.0000e+00	0.0000e+00	0.0000e+00	4.8176e-01	-1.2650e+00	4.6513e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.3135e+00	-2.7112e+00	6.7633e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.2630e-01	6.7393e-01	-6.1744e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.9497e-01	-7.5861e-01	1.6104e-01
233	0.0000e+00	0.0000e+00	0.0000e+00	-2.4133e+00	-2.3966e+00	-5.6290e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1245e+00	-6.1531e-01	-1.0008e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.6365e-01	-1.0557e+00	3.0010e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.1647e-01	4.1270e-01	7.2292e-01
232	0.0000e+00	0.0000e+00	0.0000e+00	5.0827e-01	7.0523e-01	-3.4520e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.5504e-01	8.9464e-01	-3.1308e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.7221e-01	-4.5807e-01	-1.8070e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.7532e-01	-4.8343e-01	2.1856e-01
231	0.0000e+00	0.0000e+00	0.0000e+00	9.3006e-01	4.6827e-01	2.1332e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.4088e-01	6.5924e-01	3.2836e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.7822e-01	-4.8661e-01	2.2227e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.9779e-01	-4.4793e-01	3.2140e-01
230	0.0000e+00	0.0000e+00	0.0000e+00	-7.9536e-01	8.5780e-01	-1.6859e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.8477e-01	8.1293e-01	2.4194e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-5.0377e-01	-5.3234e-01	1.8405e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.8149e-01	-5.0415e-01	-1.9270e-01
229	0.0000e+00	0.0000e+00	0.0000e+00	-4.9959e-01	9.2198e-01	2.3256e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.2582e-01	9.4347e-01	1.7446e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.2574e-01	-4.2803e-01	1.1529e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.0407e-01	-4.5547e-01	1.6246e-01
228	0.0000e+00	0.0000e+00	0.0000e+00	5.5063e-01	9.3253e-01	1.4502e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.5903e-01	8.1905e-01	-1.5712e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.8684e-01	-4.5043e-01	-1.9243e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.3022e-01	-4.3413e-01	-1.1870e-01
227	0.0000e+00	0.0000e+00	0.0000e+00	-4.5934e-01	6.9279e-01	-2.0036e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.3905e-01	6.4428e-01	1.0864e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.7353e-01	-4.2309e-01	2.0012e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.7010e-01	-4.8363e-01	-2.0383e-01
226	0.0000e+00	0.0000e+00	0.0000e+00	-7.0446e-01	6.5585e-01	2.6680e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.9177e-01	5.6898e-01	3.7604e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5481e-01	-3.2721e-01	-2.6770e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.5000e-01	-3.6855e-01	1.8206e-01
225	0.0000e+00	0.0000e+00	0.0000e+00	2.5015e-01	5.3042e-01	3.8605e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.5082e-01	3.7865e-01	-2.4552e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3382e-01	-2.9330e-01	-1.7488e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.4453e-01	-3.2005e-01	-2.7209e-01
224	0.0000e+00	0.0000e+00	0.0000e+00	-2.7636e-01	-4.0906e-01	2.0276e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1274e-01	-2.8148e-01	1.9542e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.8163e-01	-5.7873e-01	1.8245e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.6062e-01	-4.3167e-01	2.0327e-01
223	0.0000e+00	0.0000e+00	0.0000e+00	2.2350e-01	-6.5130e-01	2.5037e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.6430e-01	-9.0085e-01	1.8564e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.5683e-01	-7.3652e-01	1.7818e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.5637e-01	-6.3513e-01	1.2233e-01

222	0.0000e+00	0.0000e+00	0.0000e+00	-1.8067e-01	3.4037e-01	5.1838e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5800e-01	6.3876e-01	4.5472e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.5862e-01	9.4754e-01	9.3542e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1777e-01	-7.4685e-01	1.0350e+00
221	0.0000e+00	0.0000e+00	0.0000e+00	-3.6942e-01	9.7243e-01	4.1075e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.2235e-01	8.5991e-01	-2.3336e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.9717e-01	-4.9377e-01	-4.7829e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.3879e-01	7.5483e-01	4.1151e-01
220	0.0000e+00	0.0000e+00	0.0000e+00	-4.2590e-01	-7.6355e-01	-1.8138e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1362e-01	-8.8061e-01	-2.2859e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.7252e-01	-7.3126e-01	-4.8797e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.5072e-01	5.6651e-01	-5.3052e-01
219	0.0000e+00	0.0000e+00	0.0000e+00	5.1076e-01	-1.1141e+00	-2.2459e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.3691e-01	-5.8141e-01	6.7644e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.4792e-01	-9.6066e-01	7.5387e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2076e+00	7.7109e-01	-3.1870e-01
218	0.0000e+00	0.0000e+00	0.0000e+00	-1.8558e+00	1.0933e+00	-1.1452e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.7684e+00	4.4264e+00	-8.8454e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.7640e-01	-5.6572e-01	1.1090e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0702e+00	1.6604e+00	2.4261e-01
217	0.0000e+00	0.0000e+00	0.0000e+00	4.3727e+00	4.9504e+00	1.2050e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1892e+00	1.9355e+00	8.1645e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3281e+00	1.5775e+00	-2.1516e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2123e+00	-6.9447e-01	-9.2862e-01
216	0.0000e+00	0.0000e+00	0.0000e+00	-8.8087e-01	1.3243e+00	-4.3840e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.9325e-01	8.7694e-01	-4.6677e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.0245e-01	1.7975e+00	-2.6458e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.2460e-01	1.5779e+00	-2.2092e-01
215	0.0000e+00	0.0000e+00	0.0000e+00	-1.1325e+00	1.1218e+00	-8.0277e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0341e+00	3.6026e+00	6.0854e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-5.5432e-01	-3.9534e-01	3.6714e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.9896e-01	1.7436e+00	2.6153e-01
214	0.0000e+00	0.0000e+00	0.0000e+00	1.6298e+00	3.2235e+00	1.1533e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.9423e-01	9.6240e-01	9.2900e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.8400e-01	1.1247e+00	-2.4400e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.7202e-01	-3.9752e-01	3.7485e-01
213	0.0000e+00	0.0000e+00	0.0000e+00	-2.0501e-01	8.5598e-01	-4.4370e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.0782e-01	5.0987e-01	-4.3567e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.0371e-01	1.4092e+00	-2.5023e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2866e-01	1.0156e+00	-2.7083e-01
212	0.0000e+00	0.0000e+00	0.0000e+00	-1.3067e+00	7.7776e-01	-1.0083e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8615e+00	3.8826e+00	-9.5357e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.7396e-01	-4.6293e-01	2.8121e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.3813e-01	1.6135e+00	-2.4840e-01
211	0.0000e+00	0.0000e+00	0.0000e+00	1.4484e+00	4.0081e+00	9.6551e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1364e+00	8.3355e-01	1.1835e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.3864e-01	1.2247e+00	-2.8387e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.7926e-01	-5.2265e-01	3.2201e-01
210	0.0000e+00	0.0000e+00	0.0000e+00	1.4686e-01	3.6751e-01	6.0384e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1551e-01	1.8045e-01	5.3021e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.6196e-01	4.8758e-01	-2.0997e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6331e-01	1.0020e+00	-2.9079e-01
209	0.0000e+00	0.0000e+00	0.0000e+00	1.9679e-01	2.4824e-01	1.9221e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.3421e-01	1.9998e-01	1.6640e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.6119e-01	1.8293e-01	2.8636e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.3130e-01	-1.9409e-01	2.7696e-01
208	0.0000e+00	0.0000e+00	0.0000e+00	-3.1471e-01	2.1372e-01	1.7571e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4495e-01	3.2547e-01	-2.5384e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.9839e-01	3.5335e-01	-2.3265e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.3963e-01	-1.2492e-01	2.6923e-01

207	0.0000e+00	0.0000e+00	0.0000e+00	-3.0351e-01	2.0955e-01	-2.9416e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6634e-01	2.4957e-01	-4.0668e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.6862e-01	-4.1222e-01	-5.8197e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.2342e-01	4.6227e-01	-4.3866e-01
206	0.0000e+00	0.0000e+00	0.0000e+00	2.6539e-01	7.1361e-01	1.2075e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5979e+00	-2.5893e+00	1.2049e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2118e+00	1.8249e+00	1.1573e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0497e+00	-7.4794e-01	4.9527e-01
205	0.0000e+00	0.0000e+00	0.0000e+00	-1.3296e+00	-1.6452e+00	-1.4050e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2777e+00	-3.7454e+00	-1.1374e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.0820e-01	-7.7620e-01	6.7889e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0803e+00	1.4075e+00	-6.7391e-01
204	0.0000e+00	0.0000e+00	0.0000e+00	-9.3059e-01	-5.8294e-01	-4.9526e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.5649e-01	6.0711e-01	9.2524e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.4123e-01	-1.0752e+00	8.6479e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.8605e-01	-7.6396e-01	4.6024e-01
203	0.0000e+00	0.0000e+00	0.0000e+00	3.3004e-01	1.1375e+00	1.3707e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0515e+00	-3.2078e+00	9.0505e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0665e+00	2.5282e+00	6.8144e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.0167e-01	-1.2458e+00	1.3448e+00
202	0.0000e+00	0.0000e+00	0.0000e+00	2.1762e+00	-1.4928e+00	8.7432e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.3138e+00	-1.1794e+00	4.5429e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.6679e-01	-5.3105e-01	1.2425e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6241e+00	8.1341e-01	1.0102e+00
201	0.0000e+00	0.0000e+00	0.0000e+00	-6.9378e-01	-7.1008e-01	-7.7140e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.9508e-01	-6.7752e-01	4.9251e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.1158e-01	-1.2108e+00	4.8062e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.6755e-01	-1.2163e+00	-7.7221e-01
200	0.0000e+00	0.0000e+00	0.0000e+00	3.1437e-01	1.0696e+00	7.0532e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.5732e+00	-3.2517e+00	1.1415e+00

	0.0000e+00	0.0000e+00	0.0000e+00	1.6319e+00	2.0607e+00	1.3922e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.3810e+00	-1.2916e+00	7.0540e-01
199	0.0000e+00	0.0000e+00	0.0000e+00	1.9759e+00	-9.7309e-01	1.9842e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1999e+00	-4.1337e+00	1.0647e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.8121e-01	-5.2885e-01	1.4478e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1263e+00	1.7645e+00	1.0819e+00
198	0.0000e+00	0.0000e+00	0.0000e+00	-1.7205e+00	-1.2045e+00	5.6859e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0256e+00	-1.0334e+00	5.3161e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.5969e-01	-7.9785e-01	2.7457e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.2530e-01	-3.7912e-01	2.2738e-01
197	0.0000e+00	0.0000e+00	0.0000e+00	-5.3644e-01	-4.2204e-01	-3.6184e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.2900e-01	-5.5763e-01	-3.9534e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.5227e-01	4.5194e-01	-2.8931e-01
196	0.0000e+00	0.0000e+00	0.0000e+00	1.2778e+00	-1.6769e+00	7.5390e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9835e+00	-4.6316e+00	6.2236e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.5486e-01	-2.9986e-01	-3.7449e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.9182e-01	-1.7948e+00	2.3773e-01
195	0.0000e+00	0.0000e+00	0.0000e+00	-2.6473e+00	-4.5340e+00	-8.8328e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.6564e-01	-1.6411e+00	-9.8348e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.0695e-01	-1.4348e+00	2.5351e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.3085e-01	4.8125e-01	-3.1878e-01
194	0.0000e+00	0.0000e+00	0.0000e+00	1.1365e+00	-1.4655e+00	4.5972e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8961e+00	-3.2934e+00	6.6907e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.9568e-01	-4.2290e-01	-5.9390e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.6007e-01	-1.1817e+00	2.2318e-01
193	0.0000e+00	0.0000e+00	0.0000e+00	-2.0049e+00	-3.1031e+00	-8.8678e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2556e+00	-1.0968e+00	-8.6354e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.9227e-01	-7.0281e-01	4.2303e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.5006e-01	5.1442e-01	-5.8417e-01
192	0.0000e+00	0.0000e+00	0.0000e+00	8.1417e-01	8.0538e-01	-4.6650e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-9.9665e-01	8.1460e-01	-2.2560e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.4734e-01	-6.7085e-01	-2.0946e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.2241e-01	-6.0141e-01	-4.5750e-01
191	0.0000e+00	0.0000e+00	0.0000e+00	8.2601e-01	6.1670e-01	5.7640e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.9285e-01	6.6814e-01	5.5461e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.1800e-01	-5.7738e-01	5.0782e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.3511e-01	-4.4553e-01	5.5213e-01
190	0.0000e+00	0.0000e+00	0.0000e+00	-7.0676e-01	7.3717e-01	-1.5304e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.6354e-01	8.3590e-01	2.2479e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.9966e-01	-7.7177e-01	1.5089e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.2510e-01	-6.7664e-01	-1.6857e-01
189	0.0000e+00	0.0000e+00	0.0000e+00	-6.9966e-01	8.9943e-01	2.7018e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.0381e-01	9.3063e-01	2.3515e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.7882e-01	-8.5933e-01	1.5142e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.5372e-01	-8.4639e-01	1.5273e-01
188	0.0000e+00	0.0000e+00	0.0000e+00	5.4859e-01	9.0847e-01	1.6269e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.3172e-01	-6.2220e-01	-2.8643e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.7465e-01	-7.9910e-01	-3.8107e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.5933e-01	-8.9225e-01	-2.1330e-01
187	0.0000e+00	0.0000e+00	0.0000e+00	-4.2591e-01	-5.9642e-01	-2.6873e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.0078e-01	5.3585e-01	-2.5941e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.3150e-01	-5.1404e-01	3.7638e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.2851e-01	-6.6526e-01	3.8456e-01
186	0.0000e+00	0.0000e+00	0.0000e+00	-4.7481e-01	5.6200e-01	-2.5862e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.4473e-01	8.1196e-01	-2.8692e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.4647e-01	-3.7954e-01	-3.7885e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.5295e-01	-4.5091e-01	4.2588e-01
185	0.0000e+00	0.0000e+00	0.0000e+00	4.3835e-01	8.5164e-01	1.9483e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.8320e-01	4.8189e-01	-2.0891e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5223e-01	-3.5769e-01	-3.2140e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-4.5071e-01	-3.5977e-01	-3.1211e-01
184	0.0000e+00	0.0000e+00	0.0000e+00	7.5655e-01	-1.0043e+00	5.3714e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.0229e-01	-1.1722e+00	5.1965e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.2042e-01	-1.7536e+00	-2.5508e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.9135e-01	-1.0255e+00	1.8548e-01
183	0.0000e+00	0.0000e+00	0.0000e+00	4.8647e-01	-1.4538e+00	4.1232e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.7255e-01	-1.2108e+00	-4.7297e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.1396e-01	-1.2801e+00	-1.9576e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.3412e-01	-1.3956e+00	1.4667e-01
182	0.0000e+00	0.0000e+00	0.0000e+00	-6.0734e-01	-4.8934e-01	5.8846e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.1055e-01	-5.7273e-01	-3.5204e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.6105e-01	-1.4675e+00	8.2431e-01
181	0.0000e+00	0.0000e+00	0.0000e+00	3.5046e-01	-3.4968e-01	-4.0708e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.5763e-01	-3.7083e-01	-2.6239e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.4019e-01	-5.5351e-01	3.8571e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.1313e-01	-9.8218e-01	4.0603e-01
180	0.0000e+00	0.0000e+00	0.0000e+00	-3.7575e-01	-1.8809e-01	5.6800e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.7734e-01	4.5673e-01	3.5523e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.1759e-01	8.4099e-01	8.9448e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.0079e-01	-1.2249e+00	1.1413e+00
179	0.0000e+00	0.0000e+00	0.0000e+00	-4.9577e-01	7.0038e-01	3.1496e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.3557e-01	4.6722e-01	-2.6086e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.5256e-01	-6.5308e-01	-4.6066e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1316e+00	7.5321e-01	-2.1428e-01
178	0.0000e+00	0.0000e+00	0.0000e+00	2.8785e-01	-3.8536e-01	-2.5353e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1602e-01	-5.0052e-01	-1.4415e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.9568e-01	-4.3371e-01	-4.3333e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.2157e-01	-4.9238e-01	-5.1763e-01
177	0.0000e+00	0.0000e+00	0.0000e+00	3.1791e-01	-8.0598e-01	-1.4478e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.5935e-01	-2.9482e-01	4.7098e-01

	0.0000e+00	0.0000e+00	0.0000e+00	1.8469e-01	-3.5801e-01	6.6377e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2756e+00	-3.2495e-01	-2.1583e-01
176	0.0000e+00	0.0000e+00	0.0000e+00	-1.3498e+00	7.5172e-01	-1.4937e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3334e+00	4.9171e+00	-1.1747e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.3638e-01	5.0338e-01	4.9701e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.5086e-01	1.6218e+00	2.2776e-01
175	0.0000e+00	0.0000e+00	0.0000e+00	1.6030e+00	4.9815e+00	9.2537e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0887e+00	1.1286e+00	1.0874e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.2634e-01	1.9846e+00	-2.4661e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.9908e-01	-3.2747e-01	5.3169e-01
174	0.0000e+00	0.0000e+00	0.0000e+00	2.2354e-01	7.9824e-01	-2.6583e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.7239e-01	1.0496e+00	-2.5804e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.7348e-01	1.7189e+00	-1.7207e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.1127e-01	1.8531e+00	-2.1554e-01
173	0.0000e+00	0.0000e+00	0.0000e+00	-1.1338e+00	1.5536e+00	-9.7034e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.1941e+00	5.0830e+00	-1.2173e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.7860e-01	8.8799e-01	8.0551e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0515e+00	1.7492e+00	-1.5106e-01
172	0.0000e+00	0.0000e+00	0.0000e+00	2.6241e+00	4.6280e+00	9.2540e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1731e+00	9.0589e-01	1.5664e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.1506e-01	1.8492e+00	-3.0826e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.9405e-01	-4.8684e-01	-9.3023e-01
171	0.0000e+00	0.0000e+00	0.0000e+00	-6.7208e-01	6.1060e-01	-7.5318e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.4764e-01	7.4197e-01	-5.1107e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.5071e-01	4.6495e-01	-1.9051e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.5281e-01	1.7635e+00	-2.7238e-01
170	0.0000e+00	0.0000e+00	0.0000e+00	-6.5024e-01	-2.8055e-01	-3.6354e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.7805e-01	-5.3522e-01	-4.1701e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.5300e-01	-3.6993e-01	-2.8698e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.3448e-01	-6.5293e-01	-2.7452e-01

169	0.0000e+00	0.0000e+00	0.0000e+00	1.0466e+00	1.1504e+00	2.1129e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5784e-01	6.7507e-01	-1.9754e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.9945e-01	2.1991e-01	-2.6783e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.6593e-01	-5.2323e-01	1.2953e-01
168	0.0000e+00	0.0000e+00	0.0000e+00	1.9868e-01	5.3732e-01	-2.3490e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0474e-01	3.3811e-01	-2.5327e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3663e-01	2.1030e-01	-2.7434e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1269e-01	2.0844e-01	-2.9454e-01
167	0.0000e+00	0.0000e+00	0.0000e+00	2.4023e-01	1.2928e-01	2.7877e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2552e-01	1.4076e-01	2.0124e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3360e-01	1.6474e-01	2.4311e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.2958e-01	-7.7328e-02	3.1145e-01
166	0.0000e+00	0.0000e+00	0.0000e+00	2.1628e-01	1.7654e-01	1.8462e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6721e-01	3.8316e-01	-1.9896e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.5304e-01	2.2353e-01	-1.6264e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2591e-01	1.1061e-01	2.6919e-01
165	0.0000e+00	0.0000e+00	0.0000e+00	2.9092e-01	2.8802e-01	-2.7497e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8439e-01	3.4265e-01	-4.9849e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.0031e-01	2.7923e-01	-6.9306e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.9193e-01	2.4664e-01	-4.4706e-01
164	0.0000e+00	0.0000e+00	0.0000e+00	3.6131e-01	3.6169e-01	1.7021e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.3815e+00	-3.9809e+00	1.5131e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.1115e+00	-1.2137e+00	-3.8740e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.5766e-01	-9.0737e-01	3.9233e-01
163	0.0000e+00	0.0000e+00	0.0000e+00	-1.1006e+00	-8.5032e-01	8.7943e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0388e+00	-8.0383e-01	-2.2747e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.6916e-01	-2.0200e+00	-7.2392e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.6420e+00	-2.0598e+00	1.4257e+00
162	0.0000e+00	0.0000e+00	0.0000e+00	-4.9551e-01	-7.1985e-01	3.1543e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8562e-01	-3.5600e-01	4.5268e-01

	0.0000e+00	0.0000e+00	0.0000e+00	3.1617e-01	-1.3019e+00	3.7771e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4382e-01	-7.8835e-01	2.5819e-01
161	0.0000e+00	0.0000e+00	0.0000e+00	6.0497e-01	4.8463e-01	1.0889e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.3248e+00	-3.5254e+00	1.1695e+00
	0.0000e+00	0.0000e+00	0.0000e+00	9.6133e-01	-1.3272e+00	4.4089e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.8564e-01	-1.6213e+00	4.2039e-01
160	0.0000e+00	0.0000e+00	0.0000e+00	-1.0958e+00	-1.4178e+00	5.0239e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.6638e+00	-1.1206e+00	7.8983e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.3333e-01	-9.6198e-01	1.0257e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3817e+00	8.8483e-01	-5.1523e-01
159	0.0000e+00	0.0000e+00	0.0000e+00	-5.4865e-01	-5.6013e-01	-4.9022e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.6281e-01	-9.1063e-01	7.3894e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2731e+00	-9.9866e-01	7.8774e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.8725e-01	-9.3714e-01	-3.9487e-01
158	0.0000e+00	0.0000e+00	0.0000e+00	-9.9276e-01	1.4604e+00	1.2639e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.7354e+00	-2.8768e+00	9.0764e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7906e+00	2.2180e+00	3.8089e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5166e+00	-1.1507e+00	1.2367e+00
157	0.0000e+00	0.0000e+00	0.0000e+00	2.1054e+00	-3.0562e+00	1.5446e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.3590e+00	3.2395e+00	6.1926e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.8489e-01	1.2107e+00	1.4797e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6364e+00	1.0923e+00	1.2111e+00
156	0.0000e+00	0.0000e+00	0.0000e+00	-2.4708e-01	-2.6986e-01	-2.4471e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0811e-01	-2.3905e-01	-2.8550e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.4938e-01	3.7207e-01	-4.3947e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.6462e-01	6.2065e-01	-4.0616e-01
155	0.0000e+00	0.0000e+00	0.0000e+00	-2.7225e-01	-5.1216e-01	1.8147e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.4245e-01	-4.6317e-01	3.4591e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0048e+00	-5.6209e-01	3.2860e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5751e-01	-4.2350e-01	1.3040e-01

154	0.0000e+00	0.0000e+00	0.0000e+00	5.0994e-01	-1.0029e+00	3.9327e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.9584e-01	-1.5239e+00	3.0265e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.9238e-01	-4.0724e-01	-4.2367e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.3178e-01	-5.7539e-01	-3.2651e-01
153	0.0000e+00	0.0000e+00	0.0000e+00	-1.5440e+00	-1.5121e+00	-4.4338e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.8484e-01	-1.2312e+00	3.9500e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.2693e-01	-6.7503e-01	2.2806e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.9042e-01	4.4731e-01	-3.4171e-01
152	0.0000e+00	0.0000e+00	0.0000e+00	2.0212e+00	-1.4603e+00	9.4245e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7267e+00	-4.4027e+00	7.5092e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.0761e-01	7.7604e-01	1.0182e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.7985e-01	-1.4513e+00	1.8972e-01
151	0.0000e+00	0.0000e+00	0.0000e+00	-4.4696e+00	-4.3199e+00	-1.1239e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.2804e+00	-1.6184e+00	-7.7196e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.9076e-01	-6.8945e-01	2.9551e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1016e+00	1.1115e+00	8.4413e-01
150	0.0000e+00	0.0000e+00	0.0000e+00	-4.4709e-01	8.9618e-01	3.5898e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.4042e-01	8.7709e-01	2.7156e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.1393e-01	-6.6333e-01	3.9593e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.1631e-01	-5.6151e-01	4.9026e-01
149	0.0000e+00	0.0000e+00	0.0000e+00	-5.6988e-01	4.9817e-01	4.3300e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.7306e-01	8.1112e-01	3.8299e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.3935e-01	-5.4935e-01	4.8542e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.4922e-01	-2.6344e-01	5.2321e-01
148	0.0000e+00	0.0000e+00	0.0000e+00	-4.2176e-01	7.6130e-01	-2.6851e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.1509e-01	7.0274e-01	1.2447e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.3361e-01	-5.3135e-01	1.2885e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.3799e-01	-6.0825e-01	2.5679e-01
147	0.0000e+00	0.0000e+00	0.0000e+00	-7.8105e-01	7.8570e-01	1.9770e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.9959e-01	8.9591e-01	-3.7718e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-4.4743e-01	-4.3094e-01	-3.3781e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.2757e-01	-5.3096e-01	1.8436e-01
146	0.0000e+00	0.0000e+00	0.0000e+00	4.2497e-01	8.3674e-01	-4.1805e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.4970e-01	6.0529e-01	-3.9540e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.6193e-01	-3.8263e-01	-3.7365e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.0395e-01	-4.1051e-01	-3.5451e-01
145	0.0000e+00	0.0000e+00	0.0000e+00	-5.1193e-01	4.5599e-01	-3.6081e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.0251e-01	4.9481e-01	-2.1985e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4018e-01	3.4195e-01	-1.7407e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7126e-01	4.0076e-01	-3.5593e-01
144	0.0000e+00	0.0000e+00	0.0000e+00	-7.8905e-01	-5.6982e-01	3.8888e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.5710e-01	-7.0253e-01	4.3014e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.7621e-01	4.6398e-01	2.8941e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.2882e-01	6.7408e-01	1.9216e-01
143	0.0000e+00	0.0000e+00	0.0000e+00	2.6265e-01	2.7549e-01	-1.8347e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.1095e-01	-2.8563e-01	-1.8487e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5843e-01	-3.0980e-01	-2.2437e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.5167e-01	-3.2325e-01	-2.2817e-01
142	0.0000e+00	0.0000e+00	0.0000e+00	1.8186e-01	-7.3873e-01	3.0542e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.3861e-01	-9.1509e-01	2.7604e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.9638e-01	-6.1252e-01	-3.1840e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7988e-01	-4.4135e-01	-2.4417e-01
141	0.0000e+00	0.0000e+00	0.0000e+00	7.5190e-01	-1.0991e+00	5.1044e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0411e+00	-1.2092e+00	3.1513e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.4475e-01	-1.3094e+00	1.2457e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.5039e-01	-8.8219e-01	1.7447e-01
140	0.0000e+00	0.0000e+00	0.0000e+00	4.1230e-01	-6.3519e-01	-1.9344e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7846e-01	-3.3768e-01	-1.9618e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.4220e-01	-7.3050e-01	2.8921e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.2238e-01	-6.5740e-01	2.4426e-01

139	0.0000e+00	0.0000e+00	0.0000e+00	-3.2495e-01	7.8016e-01	-1.0899e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.6206e-01	-8.8913e-01	1.6407e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.6338e-01	-8.5088e-01	8.6421e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.9602e+00	-2.3375e+00	8.7473e-01
138	0.0000e+00	0.0000e+00	0.0000e+00	-8.3205e-02	-5.3711e-01	2.8654e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4506e-01	-1.2942e-01	2.1278e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0783e-01	2.2808e-01	2.8108e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2637e-01	5.8531e-01	3.6234e-01
137	0.0000e+00	0.0000e+00	0.0000e+00	3.2156e-01	-2.8990e-01	-2.6217e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.2479e-01	-3.0455e-01	1.6042e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.0897e-01	3.5147e-01	1.2258e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.5522e-01	2.7510e-01	-2.7423e-01
136	0.0000e+00	0.0000e+00	0.0000e+00	3.4715e-01	-1.6285e-01	1.3784e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.8810e-01	1.1720e-01	1.8291e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.4331e-01	1.3638e-01	3.5627e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.0321e-01	-2.3373e-01	2.9089e-01
135	0.0000e+00	0.0000e+00	0.0000e+00	3.1499e-01	1.9464e-01	2.7779e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0009e-01	2.5522e-01	-2.9376e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.1251e-01	2.6504e-01	-3.5595e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.6069e-01	2.0285e-01	3.2328e-01
134	0.0000e+00	0.0000e+00	0.0000e+00	3.1505e-01	1.2194e-01	-3.1462e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6826e-01	-1.4144e-01	-2.4033e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.4118e-01	1.8716e-01	-3.6250e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5670e-01	2.6604e-01	-4.4248e-01
133	0.0000e+00	0.0000e+00	0.0000e+00	5.4888e-01	9.9950e-01	2.3288e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.8905e-01	-7.7942e-01	4.3099e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.7987e-01	2.3558e+00	5.7417e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5982e-01	1.7380e-01	8.3626e-01
132	0.0000e+00	0.0000e+00	0.0000e+00	5.0614e-01	6.7377e-01	-3.2817e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.8194e-01	1.3289e+00	-5.2090e-01

	0.0000e+00	0.0000e+00	0.0000e+00	5.3446e-01	6.5471e-01	-2.9054e-01
131	0.0000e+00	0.0000e+00	0.0000e+00	-5.4914e-01	7.2976e-01	-4.3280e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.2957e-01	5.1321e-01	7.0632e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.0036e-01	-1.4624e+00	3.7472e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.7780e-01	-5.4868e-01	-3.4935e-01
130	0.0000e+00	0.0000e+00	0.0000e+00	5.7538e-01	8.6546e-01	1.7216e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.4260e+00	-5.4408e+00	2.0921e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0187e+00	1.7970e+00	1.2279e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.1269e+00	-1.8075e+00	4.7995e-01
129	0.0000e+00	0.0000e+00	0.0000e+00	-2.3136e+00	-1.4430e+00	-1.6875e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.6633e+00	-3.2038e+00	9.0441e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.5360e-01	-9.0945e-01	1.3753e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6124e+00	1.8290e+00	5.0986e-01
128	0.0000e+00	0.0000e+00	0.0000e+00	-6.6484e-01	5.2205e-01	-3.7303e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.0036e-01	6.0018e-01	-3.0154e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.3516e-01	-1.0030e+00	2.8010e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.3368e-01	-9.8596e-01	-3.2741e-01
127	0.0000e+00	0.0000e+00	0.0000e+00	6.4502e-01	7.2195e-01	1.3625e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.4947e+00	-4.9353e+00	1.1347e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.6475e+00	1.7748e+00	-6.2994e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0043e+00	-1.6384e+00	3.4685e-01
126	0.0000e+00	0.0000e+00	0.0000e+00	1.5722e+00	-1.9586e+00	2.7734e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.0286e+00	-1.4161e+00	1.4063e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.6374e-01	-9.0265e-01	1.8529e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4887e+00	-7.9077e-01	4.3084e-01
125	0.0000e+00	0.0000e+00	0.0000e+00	-7.6085e-01	1.6918e-01	-8.1726e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2623e-01	-1.0315e-01	-4.8245e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.1766e-01	1.8854e-01	-3.5405e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.0325e-01	-2.3028e-01	-7.8598e-01
124	0.0000e+00	0.0000e+00	0.0000e+00	-3.4798e-01	-3.3504e-01	2.3936e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-4.5363e-01	-2.0932e-01	-1.3615e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7887e-01	-5.4751e-01	4.3512e-01
123	0.0000e+00	0.0000e+00	0.0000e+00	2.0058e-01	-2.7379e-01	-1.4403e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.1808e-01	-4.4732e-01	1.0735e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.1632e-01	-3.0828e-01	-2.1582e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.2018e-01	-1.9495e-01	-3.5227e-01
122	0.0000e+00	0.0000e+00	0.0000e+00	3.3951e-01	-5.3050e-01	1.2392e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.4854e-01	-4.5804e-01	3.1717e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.2613e-01	-1.5919e-01	4.6639e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.2338e-01	-2.5923e-01	2.0971e-01
121	0.0000e+00	0.0000e+00	0.0000e+00	1.1749e-01	-2.0093e-01	3.5262e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1363e-01	1.3342e-01	1.4946e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.7476e-01	-2.2012e-01	2.3731e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3216e-01	-2.4311e-01	4.7445e-01
120	0.0000e+00	0.0000e+00	0.0000e+00	-1.8945e-01	-8.4378e-01	-2.3902e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.4009e-01	7.3065e-01	-4.6103e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2065e+00	-3.4427e+00	-8.4583e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.0355e-01	-2.9158e-01	-1.0954e+00
119	0.0000e+00	0.0000e+00	0.0000e+00	-3.6712e+00	1.0777e+00	5.4032e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.0370e-01	-5.3062e-01	4.6935e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.6954e-01	3.8736e-01	3.0603e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.6642e-01	1.2902e+00	-1.0020e+00
118	0.0000e+00	0.0000e+00	0.0000e+00	-7.9193e-02	-6.2250e-01	-2.6229e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1052e-01	-5.0436e-01	-3.2276e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8817e-01	4.8789e-01	4.7054e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4141e-01	4.5695e-01	4.9225e-01
117	0.0000e+00	0.0000e+00	0.0000e+00	-9.0693e-01	1.8459e-01	3.1990e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.7572e-01	3.7397e-01	-9.8218e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1200e+00	-1.0408e+00	-9.1384e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8918e-01	5.8413e-01	-4.3061e-01

116	0.0000e+00	0.0000e+00	0.0000e+00	-8.7752e-01	-2.5984e+00	-6.4772e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.2948e-01	-2.1074e-01	9.2935e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.0919e-01	-9.3913e-01	3.2938e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0210e+00	2.5746e-01	-3.4466e-01
115	0.0000e+00	0.0000e+00	0.0000e+00	4.1881e-01	-2.1188e-01	-2.9755e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.2777e-01	-3.9066e-01	-3.0159e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.7607e-01	7.9787e-01	-3.5375e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.8839e-01	8.1707e-01	-3.3608e-01
114	0.0000e+00	0.0000e+00	0.0000e+00	8.0001e-01	-5.8337e-01	-2.5347e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.0076e-01	9.0751e-01	1.0081e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5124e+00	-2.6265e+00	-9.3429e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.3453e-01	1.1245e+00	-8.0247e-01
113	0.0000e+00	0.0000e+00	0.0000e+00	6.8370e-01	-5.8963e-01	2.4817e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.6872e-01	-4.8474e-01	1.8458e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.9459e-01	2.5048e-01	2.3881e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.9247e-01	-3.4268e-01	3.5199e-01
112	0.0000e+00	0.0000e+00	0.0000e+00	2.4349e-01	-3.0700e-01	8.5324e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8617e+00	-2.2103e+00	1.0566e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.6613e-01	-5.9732e-01	-6.9703e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.1175e-01	-5.6625e-01	2.6253e-01
111	0.0000e+00	0.0000e+00	0.0000e+00	8.4130e-01	-9.8168e-01	4.3706e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5493e+00	-1.3533e+00	5.6493e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.2760e-01	-3.9614e-01	-4.5784e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.9388e-01	-4.2392e-01	-1.5967e-01
110	0.0000e+00	0.0000e+00	0.0000e+00	-1.3770e+00	-1.4463e+00	-6.7933e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0461e+00	-1.1510e+00	4.0857e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.3687e-01	-6.5509e-01	2.1396e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4970e-01	4.7465e-01	-5.4340e-01
109	0.0000e+00	0.0000e+00	0.0000e+00	6.1475e-01	-1.1292e+00	4.7016e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1765e+00	-1.4368e+00	-2.7322e-01

	0.0000e+00	0.0000e+00	0.0000e+00	3.9151e-01	-3.6097e-01	-3.6278e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.3290e-01	-6.9016e-01	1.6028e-01
108	0.0000e+00	0.0000e+00	0.0000e+00	-1.8201e+00	-1.5214e+00	-4.1530e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.9631e-01	-9.2113e-01	-1.7634e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.0693e-01	-3.2013e-01	1.3627e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.1382e-01	3.3711e-01	-2.3188e-01
107	0.0000e+00	0.0000e+00	0.0000e+00	-7.9572e-01	5.5771e-01	-1.1977e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1515e+00	3.8598e+00	-8.6130e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.1318e-01	3.9120e-01	4.1934e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.6811e-01	1.2976e+00	-1.7543e-01
106	0.0000e+00	0.0000e+00	0.0000e+00	1.0466e+00	3.8609e+00	7.1799e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.1541e-01	7.3021e-01	1.1038e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.3763e-01	1.4712e+00	-1.5706e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.5513e-01	1.0475e-01	2.0210e-01
105	0.0000e+00	0.0000e+00	0.0000e+00	-3.9214e-01	6.7542e-01	-5.2355e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.3977e+00	1.0104e+00	-4.1060e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.7463e-01	1.1447e+00	-6.7532e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.1173e-01	6.5775e-01	-2.1826e-01
104	0.0000e+00	0.0000e+00	0.0000e+00	2.5245e+00	1.3952e+00	-7.3615e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.7448e-01	1.1936e+00	-3.7411e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.4378e-01	6.9680e-01	-2.6780e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4421e-01	4.2112e-01	-8.1260e-01
103	0.0000e+00	0.0000e+00	0.0000e+00	-5.9287e-01	1.1991e+00	-8.4678e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.3731e+00	2.9880e+00	-7.7573e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.2262e-01	5.9327e-01	1.0863e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2510e+00	1.2384e+00	-2.1411e-01
102	0.0000e+00	0.0000e+00	0.0000e+00	3.2674e+00	2.9374e+00	9.2672e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.0040e-01	9.6224e-01	7.9979e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.1091e-01	1.0863e+00	-1.9863e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.7452e-01	7.7915e-01	-1.1148e+00

101	0.0000e+00	0.0000e+00	0.0000e+00	-3.2939e-01	6.9255e-01	2.3253e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.1158e-01	6.8807e-01	1.2226e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.9268e-01	2.9344e-01	1.2831e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8721e-01	2.7079e-01	2.4848e-01
100	0.0000e+00	0.0000e+00	0.0000e+00	6.6680e-01	-4.8985e-01	-2.0880e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.6233e-01	-5.6749e-01	3.3453e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.7133e-01	-2.9297e-01	4.2263e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.7529e-01	-4.1068e-01	-2.5194e-01
99	0.0000e+00	0.0000e+00	0.0000e+00	4.3396e-01	-5.9942e-01	-3.8226e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.5933e-01	-7.1299e-01	-3.7715e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6549e-01	-2.7548e-01	-3.4549e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8769e-01	-4.5759e-01	-3.2801e-01
98	0.0000e+00	0.0000e+00	0.0000e+00	-4.1553e-01	-2.9320e-01	-1.1434e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.3822e-01	-2.5283e-01	2.2281e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.9435e-01	3.0319e-01	2.7706e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.6976e-01	2.3650e-01	1.2190e-01
97	0.0000e+00	0.0000e+00	0.0000e+00	6.9936e-01	-1.0510e+00	2.8336e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.9349e-01	-1.0017e+00	2.6217e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.1108e-01	-7.9273e-01	2.2416e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2951e-01	-6.9188e-01	2.6010e-01
96	0.0000e+00	0.0000e+00	0.0000e+00	4.1178e-01	-3.7961e-01	1.3052e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.6231e-01	-5.8632e-01	2.1745e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.2684e-01	-6.0992e-01	1.6503e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.0964e-01	4.7497e-01	-2.0703e-01
95	0.0000e+00	0.0000e+00	0.0000e+00	-4.5149e-01	9.9357e-01	-3.2465e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.8911e-01	8.9297e-01	-3.8293e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.5326e-01	1.0267e+00	-3.7668e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.5830e-01	7.9722e-01	-2.4397e-01
94	0.0000e+00	0.0000e+00	0.0000e+00	-3.8982e-01	2.9705e-01	-4.4661e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.7006e-01	-3.6169e-01	-3.3949e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-5.4699e-01	4.6564e-01	-2.1976e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.6451e-01	4.7612e-01	-3.7565e-01
93	0.0000e+00	0.0000e+00	0.0000e+00	3.4492e-01	-4.7224e-01	-1.5426e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.7868e-01	-3.0540e-01	-1.3936e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.4497e-01	2.3146e-01	-8.2391e-02
	0.0000e+00	0.0000e+00	0.0000e+00	3.0949e-01	3.0496e-01	-1.3092e-01
92	0.0000e+00	0.0000e+00	0.0000e+00	4.8331e-01	7.1042e-01	-9.7776e-02
	0.0000e+00	0.0000e+00	0.0000e+00	4.7481e-01	7.6556e-01	-2.2109e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.4164e-01	2.9946e-01	-1.9528e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.0152e-01	2.8290e-01	-6.1777e-02
91	0.0000e+00	0.0000e+00	0.0000e+00	-2.7987e-01	5.3159e-01	-4.5958e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.9105e-01	5.2982e-01	-3.0654e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.3107e-01	3.9861e-01	-1.6064e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.2301e-01	3.0307e-01	-3.3257e-01
90	0.0000e+00	0.0000e+00	0.0000e+00	2.1279e-01	-3.1349e-01	-3.6111e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.0735e-01	2.8073e-01	-3.8710e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.6685e-01	-3.7858e-01	-2.9750e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8914e-01	-2.5471e-01	3.5965e-01
89	0.0000e+00	0.0000e+00	0.0000e+00	2.8748e-01	3.5108e-01	2.8509e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.1391e-01	-3.9863e-01	1.2348e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.0679e-01	2.9816e-01	-2.7879e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.2718e-01	4.3942e-01	-1.7187e-01
88	0.0000e+00	0.0000e+00	0.0000e+00	-5.3559e-01	1.0189e+00	5.4636e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.8232e-01	-4.6180e-01	5.9699e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.7218e-01	-2.3935e-01	-4.0741e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.6338e-01	-5.0076e-01	-3.5329e-01
87	0.0000e+00	0.0000e+00	0.0000e+00	-1.3634e-01	5.2155e-01	-7.4181e-02
	0.0000e+00	0.0000e+00	0.0000e+00	2.5793e-01	-2.3545e-01	-7.4132e-02
	0.0000e+00	0.0000e+00	0.0000e+00	2.1560e-01	-2.1047e-01	-2.6700e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.3046e-01	-2.2949e-01	-3.7427e-01

86	0.0000e+00	0.0000e+00	0.0000e+00	-3.3726e-01	3.6446e-01	-3.0473e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2939e-01	4.7436e-01	-4.6810e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.6279e-01	7.1431e-01	4.3042e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.9104e-01	6.8385e-01	-2.2578e-01
85	0.0000e+00	0.0000e+00	0.0000e+00	-3.0549e-01	3.7947e-01	-4.5086e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.7934e-01	4.4005e-01	2.9765e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.8414e-01	7.7134e-01	4.8284e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.8101e-01	7.4348e-01	5.1897e-01
84	0.0000e+00	0.0000e+00	0.0000e+00	1.3259e+00	-3.8746e-01	2.1745e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.1996e-01	-4.1175e-01	8.2222e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.0849e+00	-1.5990e+00	8.2604e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.3765e-01	-1.5068e+00	-2.9123e-01
83	0.0000e+00	0.0000e+00	0.0000e+00	-8.7539e-03	-6.8889e-03	2.2790e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.7375e-02	-7.4383e-03	3.1764e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5457e-02	-3.6767e-02	4.3879e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.9777e-03	-5.8134e-02	3.5471e-02
82	0.0000e+00	0.0000e+00	0.0000e+00	-5.1773e-02	-6.6781e-03	3.5195e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.4223e-02	-5.6737e-03	4.2311e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.5118e-02	-3.0510e-02	4.7550e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.6720e-02	-3.5214e-02	4.1026e-02
81	0.0000e+00	0.0000e+00	0.0000e+00	-5.4246e-02	-5.3264e-03	4.3914e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.5717e-02	-5.1643e-03	4.9204e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.0357e-02	-2.8310e-02	5.1684e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.5374e-02	-3.0294e-02	4.6616e-02
80	0.0000e+00	0.0000e+00	0.0000e+00	-4.2161e-02	5.2955e-03	4.9795e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1446e-02	4.7568e-03	5.4763e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.7400e-02	2.6518e-02	5.6869e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.7161e-02	2.8377e-02	5.1918e-02
79	0.0000e+00	0.0000e+00	0.0000e+00	-2.7229e-02	5.0981e-03	5.5012e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8781e-02	4.3408e-03	5.9498e-02

	0.0000e+00	0.0000e+00	0.0000e+00	-2.3621e-02	2.4275e-02	6.2518e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.3427e-02	2.6938e-02	5.8083e-02
78	0.0000e+00	0.0000e+00	0.0000e+00	-1.5685e-02	4.7980e-03	5.9256e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2805e-02	4.0915e-03	6.1664e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4963e-02	2.2663e-02	6.5812e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0312e-02	2.5170e-02	6.3664e-02
77	0.0000e+00	0.0000e+00	0.0000e+00	-1.2861e-02	4.8226e-03	6.0724e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.4444e-02	4.1904e-03	5.9738e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9008e-02	2.4092e-02	6.4281e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5242e-02	2.3630e-02	6.5774e-02
76	0.0000e+00	0.0000e+00	0.0000e+00	1.5641e-02	5.3080e-03	5.8374e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.6310e-02	5.0770e-03	5.4780e-02
	0.0000e+00	0.0000e+00	0.0000e+00	2.5633e-02	2.8960e-02	5.9056e-02
	0.0000e+00	0.0000e+00	0.0000e+00	2.1077e-02	2.4742e-02	6.3089e-02
75	0.0000e+00	0.0000e+00	0.0000e+00	1.7947e-02	6.7636e-03	5.3541e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.5401e-02	6.4492e-03	5.0456e-02
	0.0000e+00	0.0000e+00	0.0000e+00	2.6125e-02	3.1993e-02	5.3395e-02
	0.0000e+00	0.0000e+00	0.0000e+00	2.7846e-02	2.9554e-02	5.6248e-02
74	0.0000e+00	0.0000e+00	0.0000e+00	1.2638e-02	5.1244e-03	5.0358e-02
	0.0000e+00	0.0000e+00	0.0000e+00	8.6777e-03	6.7938e-03	5.0811e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.9040e-02	3.1442e-02	5.3267e-02
	0.0000e+00	0.0000e+00	0.0000e+00	2.2120e-02	3.1737e-02	5.2590e-02
73	0.0000e+00	0.0000e+00	0.0000e+00	7.9334e-03	4.4557e-03	5.1662e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.5289e-02	6.4546e-03	5.4737e-02
	0.0000e+00	0.0000e+00	0.0000e+00	2.4911e-02	2.8557e-02	5.6832e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.8089e-02	2.9828e-02	5.3563e-02
72	0.0000e+00	0.0000e+00	0.0000e+00	2.0978e-02	3.7448e-03	5.5983e-02
	0.0000e+00	0.0000e+00	0.0000e+00	3.6882e-02	5.7620e-03	6.0024e-02
	0.0000e+00	0.0000e+00	0.0000e+00	4.5400e-02	2.4647e-02	6.2056e-02
	0.0000e+00	0.0000e+00	0.0000e+00	2.9984e-02	2.6604e-02	5.7806e-02

71	0.0000e+00	0.0000e+00	0.0000e+00	4.4176e-02	3.3412e-03	6.1132e-02
	0.0000e+00	0.0000e+00	0.0000e+00	6.3406e-02	4.8337e-03	6.4181e-02
	0.0000e+00	0.0000e+00	0.0000e+00	6.9019e-02	2.1355e-02	6.6956e-02
	0.0000e+00	0.0000e+00	0.0000e+00	5.2465e-02	2.2932e-02	6.3633e-02
70	0.0000e+00	0.0000e+00	0.0000e+00	6.9754e-02	3.6538e-03	6.4550e-02
	0.0000e+00	0.0000e+00	0.0000e+00	8.5376e-02	3.9743e-03	6.3912e-02
	0.0000e+00	0.0000e+00	0.0000e+00	8.4357e-02	2.3725e-02	6.8984e-02
	0.0000e+00	0.0000e+00	0.0000e+00	7.5083e-02	2.0619e-02	6.9285e-02
69	0.0000e+00	0.0000e+00	0.0000e+00	8.6318e-02	5.1268e-03	6.2095e-02
	0.0000e+00	0.0000e+00	0.0000e+00	8.3576e-02	6.9080e-03	5.5018e-02
	0.0000e+00	0.0000e+00	0.0000e+00	7.3438e-02	3.8887e-02	6.5080e-02
	0.0000e+00	0.0000e+00	0.0000e+00	8.5368e-02	2.4522e-02	7.1915e-02
68	0.0000e+00	0.0000e+00	0.0000e+00	7.7593e-02	9.4459e-03	4.9647e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.4066e-02	8.9720e-03	3.7308e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.1938e-02	8.4177e-02	5.7969e-02
	0.0000e+00	0.0000e+00	0.0000e+00	5.6775e-02	4.1838e-02	7.0290e-02
67	0.0000e+00	0.0000e+00	0.0000e+00	9.1913e-02	1.6867e-02	-6.9895e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.2301e-01	9.7195e-03	-1.0556e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.6977e-02	5.5631e-02	-1.0816e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.0353e-02	5.2274e-02	-7.2720e-02
66	0.0000e+00	0.0000e+00	0.0000e+00	1.2795e-01	1.2143e-02	-1.2035e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2320e-01	9.9250e-03	-1.6425e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.3593e-02	6.6803e-02	-1.5995e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.2399e-02	5.4818e-02	-1.1641e-01
65	0.0000e+00	0.0000e+00	0.0000e+00	1.0721e-01	1.2404e-02	-1.8394e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.0510e-02	2.6021e-02	-2.3133e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.5538e-02	8.2706e-02	-2.1556e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.5247e-02	6.6695e-02	-1.6889e-01
64	0.0000e+00	0.0000e+00	0.0000e+00	7.5254e-02	1.7073e-02	-2.3284e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.5513e-01	-8.9393e-02	-2.5979e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-2.9759e-01	1.9926e-01	-2.4955e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3364e-01	8.7134e-02	-2.2046e-01
63	0.0000e+00	0.0000e+00	0.0000e+00	2.3836e-01	-2.5888e-01	2.3892e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.7258e-01	-2.7835e-01	1.6245e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8581e-01	-1.1744e-01	1.3965e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5698e-01	-1.4949e-01	2.1955e-01
62	0.0000e+00	0.0000e+00	0.0000e+00	3.0085e-01	-2.6667e-01	9.8920e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.7060e-01	-1.6418e-01	-8.4758e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.7206e-01	-1.0746e-01	9.2803e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.6728e-01	-1.1746e-01	1.4683e-01
61	0.0000e+00	0.0000e+00	0.0000e+00	2.5264e-01	-1.6007e-01	-6.6741e-02
	0.0000e+00	0.0000e+00	0.0000e+00	9.8371e-02	2.3480e-01	-8.3189e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.3568e-01	-8.5917e-02	1.1702e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4274e-01	-1.3173e-01	8.9213e-02
60	0.0000e+00	0.0000e+00	0.0000e+00	2.2611e-01	2.2201e-01	1.9993e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.4486e-02	-1.7320e-01	2.7227e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0048e-01	9.0166e-02	1.6222e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1264e-01	-1.0862e-01	8.7191e-02
59	0.0000e+00	0.0000e+00	0.0000e+00	1.6444e-01	-1.8485e-01	2.3754e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5699e-01	-2.9836e-01	1.7276e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1573e-01	1.1548e-01	-1.0120e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1411e-01	-1.2575e-01	1.4853e-01
58	0.0000e+00	0.0000e+00	0.0000e+00	2.2160e-01	-3.0857e-01	-1.1184e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.4392e-01	2.4666e-01	-1.2645e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5696e-01	1.3539e-01	-7.1468e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.4614e-01	-1.5121e-01	1.1404e-01
57	0.0000e+00	0.0000e+00	0.0000e+00	-2.1029e-01	2.5944e-01	-1.0362e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4458e-01	2.8783e-01	-1.6169e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7164e-01	1.4096e-01	1.7398e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8887e-01	1.6494e-01	-7.3821e-02

56	0.0000e+00	0.0000e+00	0.0000e+00	-3.0957e-01	2.9052e-01	3.4222e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1548e-01	-3.2304e-01	3.9932e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5141e-01	1.5345e-01	2.3518e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6582e-01	1.3041e-01	1.4910e-01
55	0.0000e+00	0.0000e+00	0.0000e+00	1.5472e-01	-3.2917e-01	3.7784e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.3323e-01	-5.5439e-01	2.5858e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2092e-01	-2.8242e-01	-1.2814e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2780e-01	-2.1999e-01	2.4240e-01
54	0.0000e+00	0.0000e+00	0.0000e+00	1.9218e-01	-5.7096e-01	-1.5125e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.3739e-01	5.4388e-01	-1.0243e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5341e-01	3.3585e-01	8.1943e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3922e-01	2.9364e-01	1.6203e-01
53	0.0000e+00	0.0000e+00	0.0000e+00	-2.9838e-01	5.3859e-01	-1.2057e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4126e-01	4.8700e-01	2.3044e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5103e-01	2.6390e-01	1.7815e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4801e-01	3.2119e-01	7.8508e-02
52	0.0000e+00	0.0000e+00	0.0000e+00	-2.4618e-01	4.7129e-01	3.5300e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5981e-01	-2.6799e-01	3.9463e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1918e-01	1.9618e-01	2.0025e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1326e-01	2.2167e-01	1.5014e-01
51	0.0000e+00	0.0000e+00	0.0000e+00	-1.6156e-01	-2.8984e-01	3.0836e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.0707e-01	-4.4666e-01	2.1624e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4203e-01	-2.2809e-01	1.0048e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3772e-01	-1.9110e-01	2.0090e-01
50	0.0000e+00	0.0000e+00	0.0000e+00	-2.3627e-01	-4.6481e-01	1.3971e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6091e-01	5.5428e-01	-1.0323e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6554e-01	-2.9594e-01	7.5503e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5724e-01	-2.7380e-01	1.1799e-01
49	0.0000e+00	0.0000e+00	0.0000e+00	-2.7410e-01	5.8040e-01	1.2366e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9591e-01	5.0308e-01	1.8967e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-1.5108e-01	3.5745e-01	1.3985e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6378e-01	-3.0102e-01	7.5778e-02
48	0.0000e+00	0.0000e+00	0.0000e+00	-1.7270e-01	5.6274e-01	2.3154e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1636e-01	9.2125e-01	2.3382e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.1192e-02	-2.7030e-01	1.5447e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.3469e-02	-3.6766e-01	1.4554e-01
47	0.0000e+00	0.0000e+00	0.0000e+00	-2.4015e-01	-2.9612e-02	-1.5517e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.6708e-02	-2.2376e-02	-1.2085e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.4041e-02	-5.7382e-02	-1.0250e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4506e-01	-8.3210e-02	-1.3750e-01
46	0.0000e+00	0.0000e+00	0.0000e+00	-6.9234e-02	-1.2215e-02	-1.0607e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.7270e-02	-1.1903e-02	-7.6715e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.6917e-02	-3.9284e-02	-7.0520e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-7.7360e-02	-5.6904e-02	-9.8759e-02
45	0.0000e+00	0.0000e+00	0.0000e+00	-7.9528e-02	-8.2516e-03	-6.6241e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.3386e-02	-1.0404e-02	-4.3551e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.8819e-02	-3.3070e-02	-4.5002e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.6520e-02	-3.9713e-02	-6.6726e-02
44	0.0000e+00	0.0000e+00	0.0000e+00	-4.9998e-02	3.7753e-02	5.4227e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.9664e-02	3.6203e-02	5.9292e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.1395e-02	5.7097e-02	6.5999e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.0903e-02	-5.8168e-02	6.1219e-02
43	0.0000e+00	0.0000e+00	0.0000e+00	-3.5802e-02	3.6285e-02	5.9469e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6286e-02	3.3987e-02	6.5718e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.8353e-02	5.6748e-02	7.4288e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.7603e-02	5.7058e-02	6.8645e-02
42	0.0000e+00	0.0000e+00	0.0000e+00	-2.1928e-02	3.4466e-02	6.5009e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6875e-02	3.2000e-02	6.9884e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7953e-02	5.5888e-02	8.1023e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.3893e-02	5.8086e-02	7.6656e-02

41	0.0000e+00	0.0000e+00	0.0000e+00	-1.6855e-02	3.2676e-02	6.7998e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9401e-02	3.2224e-02	6.8859e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.0711e-02	5.3379e-02	8.2476e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6720e-02	5.7419e-02	8.2202e-02
40	0.0000e+00	0.0000e+00	0.0000e+00	2.2768e-02	3.4206e-02	6.6777e-02
	0.0000e+00	0.0000e+00	0.0000e+00	2.5763e-02	3.6768e-02	6.3522e-02
	0.0000e+00	0.0000e+00	0.0000e+00	4.2026e-02	5.6191e-02	7.7619e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4636e-02	5.4262e-02	8.2510e-02
39	0.0000e+00	0.0000e+00	0.0000e+00	3.8053e-02	4.3910e-02	5.9201e-02
	0.0000e+00	0.0000e+00	0.0000e+00	3.2333e-02	4.2931e-02	5.4335e-02
	0.0000e+00	0.0000e+00	0.0000e+00	4.8719e-02	6.2479e-02	6.5345e-02
	0.0000e+00	0.0000e+00	0.0000e+00	5.8606e-02	5.7210e-02	6.9643e-02
38	0.0000e+00	0.0000e+00	0.0000e+00	2.7035e-02	4.0260e-02	5.5751e-02
	0.0000e+00	0.0000e+00	0.0000e+00	2.3490e-02	4.3323e-02	5.5113e-02
	0.0000e+00	0.0000e+00	0.0000e+00	3.9209e-02	6.3682e-02	6.3273e-02
	0.0000e+00	0.0000e+00	0.0000e+00	4.5314e-02	6.4020e-02	6.3501e-02
37	0.0000e+00	0.0000e+00	0.0000e+00	2.0878e-02	3.9443e-02	5.6979e-02
	0.0000e+00	0.0000e+00	0.0000e+00	2.8387e-02	3.9960e-02	5.9611e-02
	0.0000e+00	0.0000e+00	0.0000e+00	4.1580e-02	5.9580e-02	6.7779e-02
	0.0000e+00	0.0000e+00	0.0000e+00	3.6823e-02	6.2355e-02	6.4659e-02
36	0.0000e+00	0.0000e+00	0.0000e+00	3.1614e-02	3.5611e-02	6.1772e-02
	0.0000e+00	0.0000e+00	0.0000e+00	4.9239e-02	3.4888e-02	6.5872e-02
	0.0000e+00	0.0000e+00	0.0000e+00	6.0762e-02	5.3980e-02	7.4279e-02
	0.0000e+00	0.0000e+00	0.0000e+00	4.4833e-02	5.7429e-02	6.9923e-02
35	0.0000e+00	0.0000e+00	0.0000e+00	5.3521e-02	3.0947e-02	6.7783e-02
	0.0000e+00	0.0000e+00	0.0000e+00	7.3675e-02	3.0096e-02	7.2357e-02
	0.0000e+00	0.0000e+00	0.0000e+00	8.3141e-02	5.0057e-02	8.2436e-02
	0.0000e+00	0.0000e+00	0.0000e+00	6.5626e-02	5.1973e-02	7.7592e-02
34	0.0000e+00	0.0000e+00	0.0000e+00	7.4482e-02	2.8486e-02	7.3291e-02
	0.0000e+00	0.0000e+00	0.0000e+00	8.9402e-02	3.1781e-02	7.6649e-02

	0.0000e+00	0.0000e+00	0.0000e+00	9.4054e-02	5.3879e-02	9.1977e-02
	0.0000e+00	0.0000e+00	0.0000e+00	8.4790e-02	4.9479e-02	8.8099e-02
33	0.0000e+00	0.0000e+00	0.0000e+00	8.1710e-02	3.5728e-02	7.5277e-02
	0.0000e+00	0.0000e+00	0.0000e+00	7.8878e-02	5.1769e-02	7.5592e-02
	0.0000e+00	0.0000e+00	0.0000e+00	7.6670e-02	7.7954e-02	1.0090e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.8413e-02	5.7211e-02	1.0011e-01
32	0.0000e+00	0.0000e+00	0.0000e+00	8.4005e-02	7.7474e-02	-1.1862e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.1517e-02	8.8728e-02	-1.4963e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.8651e-02	1.0430e-01	-1.3668e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.4568e-02	8.7363e-02	-1.0643e-01
31	0.0000e+00	0.0000e+00	0.0000e+00	6.6370e-02	9.4438e-02	-1.7441e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.8548e-02	1.3529e-01	-1.9990e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.4511e-02	1.5268e-01	-1.6124e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.2804e-02	1.1546e-01	-1.3740e-01
30	0.0000e+00	0.0000e+00	0.0000e+00	1.6792e-01	-8.3936e-02	1.3005e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4478e-01	-8.6357e-02	1.0741e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1973e-01	7.2767e-02	1.1290e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2484e-01	6.7892e-02	1.3534e-01
29	0.0000e+00	0.0000e+00	0.0000e+00	1.4539e-01	-9.0343e-02	1.0604e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1564e-01	8.3879e-02	1.0717e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.8003e-02	7.5335e-02	1.0483e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1379e-01	7.5401e-02	1.0812e-01
28	0.0000e+00	0.0000e+00	0.0000e+00	1.0612e-01	8.4906e-02	1.2074e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.1212e-02	7.5488e-02	1.2474e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.4455e-02	7.6866e-02	9.9643e-02
	0.0000e+00	0.0000e+00	0.0000e+00	9.0704e-02	7.5484e-02	9.6200e-02
27	0.0000e+00	0.0000e+00	0.0000e+00	8.8235e-02	8.2484e-02	1.1818e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0006e-01	1.0078e-01	1.0788e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.4261e-02	8.5734e-02	8.6680e-02
	0.0000e+00	0.0000e+00	0.0000e+00	7.5989e-02	8.1066e-02	9.3642e-02

26	0.0000e+00	0.0000e+00	0.0000e+00	1.1528e-01	1.1014e-01	8.7716e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.3274e-01	1.1910e-01	8.4529e-02
	0.0000e+00	0.0000e+00	0.0000e+00	9.4783e-02	8.9709e-02	8.3265e-02
	0.0000e+00	0.0000e+00	0.0000e+00	8.5220e-02	9.4715e-02	8.4723e-02
25	0.0000e+00	0.0000e+00	0.0000e+00	1.5582e-01	1.3044e-01	8.8919e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6179e-01	1.1893e-01	1.2203e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2119e-01	9.4149e-02	1.0997e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0467e-01	9.6116e-02	8.0848e-02
24	0.0000e+00	0.0000e+00	0.0000e+00	1.3623e-01	1.1111e-01	1.7838e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0432e-01	1.6867e-01	1.8391e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.8514e-02	8.6188e-02	1.3450e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.1874e-02	8.0250e-02	1.1094e-01
23	0.0000e+00	0.0000e+00	0.0000e+00	1.0798e-01	1.6032e-01	1.8510e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0671e-01	2.3635e-01	1.5673e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.9496e-02	1.2108e-01	1.1455e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.1809e-02	1.0238e-01	1.3633e-01
22	0.0000e+00	0.0000e+00	0.0000e+00	-1.1567e-01	2.3298e-01	1.3187e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2277e-01	2.5272e-01	1.0752e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.8285e-02	1.4154e-01	1.0578e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.0105e-02	1.3453e-01	1.2517e-01
21	0.0000e+00	0.0000e+00	0.0000e+00	-1.3170e-01	2.4427e-01	1.1160e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1449e-01	1.9830e-01	1.3316e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.9504e-02	1.2595e-01	1.0995e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.6129e-02	1.3944e-01	1.0550e-01
20	0.0000e+00	0.0000e+00	0.0000e+00	-1.1258e-01	1.8888e-01	1.5444e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.9841e-02	-1.4590e-01	1.6467e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.2146e-02	9.6691e-02	1.0624e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.0571e-02	1.1092e-01	1.0269e-01
19	0.0000e+00	0.0000e+00	0.0000e+00	-1.1257e-01	-1.4856e-01	1.4487e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2675e-01	-1.8915e-01	1.1920e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-9.1930e-02	-1.0018e-01	8.0860e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-8.4712e-02	9.6402e-02	1.0458e-01
18	0.0000e+00	0.0000e+00	0.0000e+00	-1.3699e-01	-1.9575e-01	8.8145e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4812e-01	-2.2651e-01	7.8800e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0246e-01	-1.1355e-01	7.8738e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-9.8548e-02	-1.1015e-01	8.2366e-02
17	0.0000e+00	0.0000e+00	0.0000e+00	-1.4633e-01	-2.3094e-01	8.7870e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3158e-01	-2.2781e-01	1.2504e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.6315e-02	-1.0875e-01	1.1008e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0104e-01	-1.1453e-01	7.6161e-02
16	0.0000e+00	0.0000e+00	0.0000e+00	-7.6749e-02	-7.7758e-02	-9.2143e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.6653e-02	-5.9534e-02	-7.4641e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.4965e-02	-6.7667e-02	-6.3110e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-8.9563e-02	-9.1941e-02	-7.8671e-02
15	0.0000e+00	0.0000e+00	0.0000e+00	-6.3361e-02	-5.4382e-02	-6.2757e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.6073e-02	-5.0448e-02	-4.7953e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.0652e-02	-5.3931e-02	-4.8747e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.0289e-02	-6.3767e-02	-6.2156e-02
14	0.0000e+00	0.0000e+00	0.0000e+00	-5.8577e-02	-3.9469e-02	5.1084e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.1335e-02	-3.7979e-02	5.3381e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.2432e-02	-5.8838e-02	6.0610e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.7437e-02	-5.9786e-02	5.8926e-02
13	0.0000e+00	0.0000e+00	0.0000e+00	-5.2917e-02	6.5719e-02	7.3055e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.2498e-02	6.6966e-02	7.9575e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.6255e-02	9.5599e-02	9.6437e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-7.1184e-02	8.2362e-02	9.3246e-02
12	0.0000e+00	0.0000e+00	0.0000e+00	-4.1196e-02	6.5674e-02	8.6361e-02
	0.0000e+00	0.0000e+00	0.0000e+00	4.7407e-02	6.3635e-02	8.8190e-02
	0.0000e+00	0.0000e+00	0.0000e+00	6.5291e-02	7.9758e-02	1.1760e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.0704e-02	1.0761e-01	1.0932e-01

11	0.0000e+00	0.0000e+00	0.0000e+00	6.7310e-02	7.3681e-02	7.3295e-02
	0.0000e+00	0.0000e+00	0.0000e+00	6.6535e-02	7.6534e-02	6.2836e-02
	0.0000e+00	0.0000e+00	0.0000e+00	9.0324e-02	8.5935e-02	7.8290e-02
	0.0000e+00	0.0000e+00	0.0000e+00	9.7185e-02	7.1403e-02	9.6099e-02
10	0.0000e+00	0.0000e+00	0.0000e+00	5.3372e-02	6.9739e-02	6.7808e-02
	0.0000e+00	0.0000e+00	0.0000e+00	4.7929e-02	7.4949e-02	6.6762e-02
	0.0000e+00	0.0000e+00	0.0000e+00	6.9426e-02	8.4122e-02	7.8248e-02
	0.0000e+00	0.0000e+00	0.0000e+00	7.9081e-02	8.2705e-02	8.0026e-02
9	0.0000e+00	0.0000e+00	0.0000e+00	4.2786e-02	6.9749e-02	6.9918e-02
	0.0000e+00	0.0000e+00	0.0000e+00	4.8079e-02	6.9531e-02	7.2602e-02
	0.0000e+00	0.0000e+00	0.0000e+00	6.4835e-02	7.6229e-02	8.6669e-02
	0.0000e+00	0.0000e+00	0.0000e+00	6.3322e-02	8.1706e-02	8.3164e-02
8	0.0000e+00	0.0000e+00	0.0000e+00	4.9517e-02	6.4546e-02	7.6255e-02
	0.0000e+00	0.0000e+00	0.0000e+00	6.6630e-02	6.2791e-02	8.0071e-02
	0.0000e+00	0.0000e+00	0.0000e+00	8.3764e-02	7.2108e-02	9.3802e-02
	0.0000e+00	0.0000e+00	0.0000e+00	6.5375e-02	7.4201e-02	9.0209e-02
7	0.0000e+00	0.0000e+00	0.0000e+00	7.0753e-02	5.8925e-02	8.3876e-02
	0.0000e+00	0.0000e+00	0.0000e+00	8.9370e-02	5.7845e-02	9.1034e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.0886e-01	7.0428e-02	1.0275e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.6247e-02	7.0982e-02	9.6220e-02
6	0.0000e+00	0.0000e+00	0.0000e+00	8.9746e-02	5.5770e-02	9.3717e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.0035e-01	5.9187e-02	1.0520e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1961e-01	6.5371e-02	1.2135e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0626e-01	6.9262e-02	1.0950e-01
5	0.0000e+00	0.0000e+00	0.0000e+00	-5.5895e-02	1.0408e-01	1.0996e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.7279e-02	1.1528e-01	1.0317e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1998e-02	6.9926e-02	8.6088e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.6004e-02	6.4101e-02	9.1374e-02
4	0.0000e+00	0.0000e+00	0.0000e+00	-5.9138e-02	1.1111e-01	1.0120e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.2603e-02	1.0033e-01	9.7207e-02

	0.0000e+00	0.0000e+00	0.0000e+00	-4.0113e-02	7.0078e-02	8.0851e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2117e-02	6.9115e-02	8.7681e-02
3	0.0000e+00	0.0000e+00	0.0000e+00	-7.5149e-02	8.1178e-02	8.6505e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-8.5843e-02	-8.6289e-02	7.9791e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.5042e-02	-6.5300e-02	6.5175e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.6416e-02	6.4809e-02	7.1609e-02
2	0.0000e+00	0.0000e+00	0.0000e+00	-8.7655e-02	-8.7523e-02	7.2656e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-9.5381e-02	-9.0323e-02	7.4402e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-7.1722e-02	-6.5898e-02	6.6332e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.7399e-02	-6.5421e-02	6.3916e-02
1	0.0000e+00	0.0000e+00	0.0000e+00	9.5718e-02	7.8027e-02	-1.0326e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.9524e-02	6.1272e-02	-8.4519e-02
	0.0000e+00	0.0000e+00	0.0000e+00	7.5956e-02	7.8280e-02	-1.2796e-01

2.10.6 Condizione "(1) Dinamica SLDh X"

Elemento	Nx (kg)	Ny (kg)	Nxy (kg)	Mx (kgxcm)	My (kgxcm)	Mxy (kgxcm)
340	-3.8028e-04	-1.7503e-04	1.0642e-03	-1.1568e-01	5.9213e-02	2.9575e-01
	-2.3971e-04	4.9589e-03	4.5024e-04	2.2357e-01	5.4591e-01	-2.3992e-01
	-3.9299e-04	4.7457e-03	1.8826e-03	-4.9123e-02	-5.1118e-01	-2.9626e-01
	-4.9383e-04	-4.8601e-04	3.0112e-03	-1.7034e-01	-1.3632e-01	4.0504e-01
339	1.3159e-02	-6.1285e-04	8.8107e-04	-9.6861e-02	-1.3033e-01	2.6911e-01
	1.3159e-02	8.2244e-04	9.6409e-04	4.3294e-01	-6.5650e-02	2.1567e-01
	0.0000e+00	1.1723e-03	1.9712e-03	1.3887e-01	-3.2479e-01	2.1933e-01
	0.0000e+00	-7.0754e-04	2.4393e-03	-3.0554e-02	-2.4087e-01	3.1725e-01
338	-1.4664e-02	1.0359e-03	6.9306e-04	-1.4357e-01	1.9290e-01	2.1093e-01
	-1.4664e-02	7.9087e-04	-1.6206e-03	2.0784e-01	7.1471e-02	-3.2284e-01
	0.0000e+00	6.5966e-04	1.1251e-03	7.9846e-02	1.4584e-01	3.9621e-01
	0.0000e+00	4.6978e-04	9.6944e-04	-1.3280e-02	-4.0887e-01	2.7242e-01
337	-1.1692e-02	1.0048e-03	6.6903e-04	7.4400e-02	1.2161e-01	-4.0619e-01
	-1.1692e-02	-8.3239e-04	-1.9202e-03	1.2169e-01	6.9876e-02	-4.8386e-01
	0.0000e+00	-1.5749e-03	-7.9714e-04	4.4426e-02	-8.4955e-02	-5.3962e-01

	0.0000e+00	8.5298e-04	-4.3749e-04	-1.3751e-02	2.3943e-01	-4.8758e-01
336	8.0689e-03	-8.2027e-04	5.6754e-04	-2.6627e-02	-6.1245e-02	-4.7122e-01
	8.0689e-03	-9.3836e-04	1.5244e-03	-1.5480e-01	-9.5994e-02	-4.7386e-01
	-6.6001e-18	-2.3090e-03	-1.3520e-03	-7.1885e-02	-1.6455e-01	-5.1586e-01
	-6.8370e-18	-1.6257e-03	-9.7251e-04	6.9644e-03	7.6700e-02	-5.3604e-01
335	5.5063e-03	-6.4188e-04	6.1084e-04	-6.4179e-02	-1.4401e-01	3.7696e-01
	5.5063e-03	7.1787e-04	1.3269e-03	1.1425e-01	1.4114e-01	3.5566e-01
	-4.1442e-18	1.8712e-03	1.0089e-03	-5.9211e-02	-1.4243e-01	4.1223e-01
	-3.9910e-18	-1.6495e-03	-9.1631e-04	6.6850e-03	-9.2639e-02	4.3108e-01
334	-3.9483e-03	2.3912e-04	5.7228e-04	1.3074e-01	1.1616e-01	-2.1086e-01
	-3.9483e-03	3.6201e-04	-6.0976e-04	6.4465e-02	1.3878e-01	-1.8472e-01
	0.0000e+00	4.5938e-04	-6.9774e-04	-1.0606e-02	-1.0441e-01	-1.7166e-01
	0.0000e+00	3.7760e-04	-1.3086e-03	7.4930e-02	1.5021e-01	-1.9465e-01
333	2.8187e-03	2.9413e-04	-5.5774e-04	1.6562e-01	-7.5211e-02	-1.9271e-01
	2.8187e-03	-3.4414e-04	1.3212e-04	-2.4062e-02	-9.2223e-02	-1.9995e-01
	-1.3899e-18	-4.7620e-04	7.6050e-04	6.9107e-03	-1.1612e-01	-2.3968e-01
	-1.3423e-18	9.2083e-04	-9.9030e-04	6.4473e-02	1.1076e-01	-2.1901e-01
332	2.9068e-03	-3.6071e-04	-6.7369e-04	-1.8834e-01	-7.1816e-02	2.4153e-01
	2.9068e-03	-2.9133e-04	1.2253e-04	5.1941e-02	-7.6746e-02	2.1583e-01
	-1.2547e-18	-1.9320e-04	5.2689e-04	9.2082e-03	1.2209e-01	2.7817e-01
	1.1834e-18	-5.9034e-04	8.1683e-04	-6.4169e-02	-1.2311e-01	2.8209e-01
331	-3.0087e-03	-3.2993e-04	4.8290e-04	-1.5051e-01	2.9303e-02	2.0943e-01
	-3.0087e-03	2.8002e-04	1.3085e-04	1.0119e-01	6.7326e-02	1.3685e-01
	0.0000e+00	3.0263e-04	2.5009e-04	1.2828e-02	1.9776e-01	1.8593e-01
	0.0000e+00	-2.7391e-04	5.1341e-04	-4.8771e-02	9.4964e-02	2.5196e-01
330	-3.0508e-03	2.7323e-04	2.5150e-04	2.0119e-01	2.7305e-02	9.1290e-02
	-3.0508e-03	1.8874e-04	-4.5184e-04	-9.5538e-02	5.0553e-02	-1.0375e-01
	0.0000e+00	2.1488e-04	-8.9226e-04	-2.0255e-02	1.6073e-01	-8.5565e-02
	0.0000e+00	5.1517e-04	-5.5508e-04	6.1928e-02	1.6558e-01	-7.1011e-02
329	4.2240e-03	1.8417e-04	-6.8060e-04	1.7697e-01	-2.3523e-02	-1.2802e-01

	4.2240e-03	-5.7512e-04	5.1693e-04	-1.7614e-01	-3.8886e-02	1.6913e-01
	0.0000e+00	-5.9005e-04	9.2359e-04	-4.4274e-02	-2.1769e-01	-1.9914e-01
	0.0000e+00	2.6804e-04	-8.4575e-04	4.7316e-02	-1.4483e-01	-1.6767e-01
328	-3.6030e-03	-5.7342e-04	4.6105e-04	-2.2672e-01	-4.2134e-02	1.6763e-01
	-3.6030e-03	2.6884e-04	7.3270e-04	2.7595e-01	-1.7466e-02	1.2238e-01
	0.0000e+00	2.9448e-04	1.3703e-03	6.2333e-02	2.0971e-01	2.1050e-01
	0.0000e+00	-5.3311e-04	1.2064e-03	-4.7725e-02	-2.0242e-01	2.5074e-01
327	-4.6908e-03	2.6990e-04	5.4897e-04	-1.1303e-01	4.1543e-02	7.4746e-02
	-4.6908e-03	4.3239e-04	1.1899e-04	1.9364e-01	3.1827e-02	-1.0351e-01
	0.0000e+00	4.5841e-04	8.1153e-04	4.0741e-02	3.1494e-01	-9.1910e-02
	0.0000e+00	2.7319e-04	1.3518e-03	-2.2525e-02	2.5046e-01	9.1916e-02
326	-5.2314e-03	4.3421e-04	3.5222e-05	2.7018e-01	4.2112e-02	-1.7886e-01
	-5.2314e-03	2.7634e-04	-5.8975e-04	-1.5389e-01	3.2520e-02	-2.7658e-01
	0.0000e+00	2.7865e-04	-6.0948e-04	-2.8734e-02	1.1905e-01	-3.2778e-01
	0.0000e+00	4.3636e-04	-3.4553e-04	4.5374e-02	3.1576e-01	-2.3127e-01
325	-2.8751e-03	2.7967e-04	-4.0366e-04	3.7103e-01	4.8127e-02	-2.7537e-01
	-2.8751e-03	-6.1606e-05	4.2734e-04	-5.9512e-01	-1.9890e-01	-1.1751e-01
	0.0000e+00	-6.1606e-05	-2.8449e-04	-9.4538e-02	5.6033e-02	-1.8964e-01
	0.0000e+00	2.6926e-04	-1.0645e-03	3.9561e-02	8.7910e-02	-3.4790e-01
324	0.0000e+00	-5.0717e-04	1.5593e-03	-4.5914e-03	1.3764e-01	3.3779e-01
	0.0000e+00	1.0673e-03	1.0151e-03	6.5569e-03	-1.0327e-01	3.3387e-01
	-2.6321e-03	2.3210e-04	2.4063e-04	1.6951e-02	6.2235e-02	2.8231e-01
323	2.5936e-04	-1.8517e-03	-3.5413e-04	3.0689e-01	4.4630e-01	-1.5618e-01
	-4.6892e-05	4.2914e-05	9.9621e-05	2.8896e-02	2.5018e-02	-1.3031e-01
	-6.7677e-05	2.6768e-04	6.2011e-04	2.1052e-01	-1.3344e-01	-3.7901e-01
	-2.9852e-04	-1.7802e-03	-4.1768e-04	1.3762e-01	-2.9674e-01	-3.0029e-01
322	0.0000e+00	-1.1855e-04	-4.8137e-04	-1.2700e-02	1.8688e-01	4.8359e-01
	0.0000e+00	7.3763e-04	-1.6907e-03	-2.6348e-02	-9.5690e-02	5.1869e-01
	-3.1195e-03	3.6708e-04	-3.4771e-04	-1.0172e-01	-7.1918e-02	4.6012e-01
	-3.1195e-03	-1.9605e-04	3.8953e-04	5.4389e-02	-3.1535e-02	3.9168e-01

321	4.5574e-18	4.5472e-04	-1.4955e-03	1.4702e-02	-4.7205e-02	4.8228e-01
	4.6654e-18	8.6823e-04	-1.7794e-03	-1.2682e-01	-4.2856e-01	4.4322e-01
	-5.3710e-03	6.9674e-04	1.4435e-03	-4.9384e-02	-1.4548e-01	3.2311e-01
	-5.3710e-03	-4.5471e-04	7.8670e-04	-1.4774e-01	-1.2027e-01	3.5975e-01
320	0.0000e+00	-2.8333e-04	8.2567e-04	1.4104e-02	5.9713e-02	-2.5562e-01
	0.0000e+00	-9.4384e-05	-8.4782e-04	-9.8809e-03	-6.1204e-02	-2.3533e-01
	-4.9548e-03	-9.4384e-05	-2.4500e-04	-4.1283e-02	4.4463e-02	-2.3119e-01
	-4.9548e-03	1.5798e-04	7.8446e-04	2.7672e-02	-7.9126e-02	-2.5287e-01
319	0.0000e+00	-9.4384e-05	-6.5536e-04	2.3177e-02	-7.1481e-02	-2.4802e-01
	0.0000e+00	5.3308e-04	-7.4081e-04	-1.0634e-01	-2.1558e-01	-1.6930e-01
	-6.2062e-03	4.9748e-04	4.1261e-04	-2.8998e-01	-3.7574e-02	-1.6797e-01
	-6.2062e-03	-9.4384e-05	-5.8683e-04	3.8244e-02	-3.9583e-02	-1.9924e-01
318	0.0000e+00	1.8768e-04	3.7147e-04	-2.6559e-02	-2.8393e-01	-2.3192e-01
	0.0000e+00	-6.8451e-04	8.3289e-04	1.2249e-01	2.4501e-01	-2.9079e-01
	-4.9217e-03	-6.0111e-04	1.8352e-03	2.2709e-01	1.4849e-01	-2.4620e-01
	-4.9217e-03	4.7865e-04	2.1217e-04	-1.1402e-01	-1.8254e-01	-1.5434e-01
317	0.0000e+00	-9.7369e-04	-1.2058e-03	1.2596e-02	2.0994e-01	-4.4219e-01
	0.0000e+00	2.2896e-03	-1.9807e-03	1.6335e-02	-6.9174e-02	-4.7661e-01
	-3.2431e-03	7.0447e-04	-8.0966e-04	-1.8011e-01	-1.1814e-01	-3.7922e-01
	-3.2431e-03	-4.3841e-04	4.1304e-04	9.0502e-02	2.0204e-01	-3.3616e-01
316	0.0000e+00	2.6921e-04	6.7083e-04	-8.1329e-02	-2.1969e-01	-3.6407e-01
	0.0000e+00	-2.6664e-04	2.2958e-04	8.5695e-02	-8.0207e-02	-1.1436e-01
	-2.8055e-03	-2.6664e-04	1.1749e-03	5.3100e-01	2.4461e-01	-9.1447e-02
	-2.8055e-03	1.0234e-03	1.1478e-03	-3.4978e-01	-4.8209e-02	-3.0437e-01
315	0.0000e+00	2.5618e-04	-1.6665e-03	1.0973e-02	-1.1093e-01	-2.4104e-01
	0.0000e+00	1.0902e-04	1.2383e-03	1.0208e-02	4.6876e-02	-2.4337e-01
	-3.6459e-03	9.7906e-05	7.0001e-04	4.2331e-02	-6.0541e-02	-2.5907e-01
314	1.1130e-18	1.4358e-03	-1.6891e-03	-1.0563e-02	-8.8020e-02	4.5856e-01
	1.3174e-18	2.0031e-04	7.6263e-04	-1.2371e-02	-2.6693e-01	-4.2582e-01
	-2.8901e-03	5.0397e-04	-3.7424e-04	-4.5459e-02	-1.0231e-01	-2.2581e-01

313	3.6758e-04	2.5381e-03	-1.5916e-03	2.6040e-01	5.2344e-01	-1.4116e-01
	-2.9421e-04	8.6106e-05	1.7340e-04	-1.0910e-01	-7.6826e-02	-2.4176e-01
	-9.2197e-04	6.8820e-04	1.5947e-03	-3.4966e-01	-2.6068e-01	-2.8926e-01
	-1.2683e-03	2.2124e-03	-2.9223e-03	-1.4471e-01	-6.4561e-01	1.7148e-01
312	0.0000e+00	-3.6341e-04	-1.6577e-03	-2.0663e-02	-3.5419e-01	-3.5553e-01
	0.0000e+00	2.6059e-03	-4.3281e-03	3.8705e-02	1.1575e-01	-4.3389e-01
	-7.6743e-03	1.4629e-03	-2.5584e-03	1.3119e-01	7.4837e-02	-3.0822e-01
	-7.6743e-03	-1.3755e-03	1.1754e-03	-1.0781e-01	-2.3340e-01	-2.3472e-01
311	8.1703e-18	2.2678e-03	-3.9861e-03	-3.9266e-02	7.3708e-02	-4.1739e-01
	8.1180e-18	3.9225e-03	-4.6353e-03	2.9505e-01	1.0508e+00	-3.8003e-01
	-1.1487e-02	9.6368e-04	3.4323e-03	-1.9300e-01	-3.9300e-01	2.9628e-01
	-1.1487e-02	1.0531e-03	1.7074e-03	3.2503e-01	1.9361e-01	-2.3859e-01
310	0.0000e+00	-1.1981e-03	2.3990e-03	-9.7098e-02	-2.4164e-01	5.9498e-01
	0.0000e+00	2.5350e-04	-2.1246e-03	3.7994e-02	-1.3323e-01	-5.7173e-01
	-1.0969e-02	2.5350e-04	-8.3713e-04	1.4190e-01	-8.9336e-02	-4.9328e-01
	-1.0969e-02	-5.1424e-04	4.5293e-04	-2.7760e-01	1.9359e-01	5.0902e-01
309	0.0000e+00	2.5350e-04	-2.1643e-03	-5.5213e-02	-1.3511e-01	-5.1107e-01
	0.0000e+00	1.5307e-03	-1.5778e-03	1.4722e-01	2.9432e-01	-4.5222e-01
	-9.0879e-03	6.9707e-04	1.4529e-03	4.1644e-01	7.5174e-02	4.8832e-01
	-9.0879e-03	2.5350e-04	-9.7150e-04	-1.4690e-01	7.5173e-02	-5.1594e-01
308	0.0000e+00	-6.7923e-04	7.7834e-04	2.6008e-02	3.2279e-01	5.3982e-01
	0.0000e+00	-1.1148e-03	1.7314e-03	-1.1934e-01	-2.2768e-01	5.6539e-01
	-8.5330e-03	-1.2870e-03	1.7684e-03	-2.6401e-01	-1.3615e-01	5.0502e-01
	-8.5330e-03	1.0758e-03	6.9416e-04	1.0832e-01	-1.7171e-01	-4.7738e-01
307	0.0000e+00	-8.5982e-04	-1.9609e-03	-1.2543e-02	-1.5873e-01	-5.6848e-01
	0.0000e+00	-1.6396e-03	-1.6363e-03	-5.2807e-02	9.1967e-02	-5.6652e-01
	-8.7303e-03	1.3158e-03	2.4389e-03	1.8245e-01	1.4653e-01	-4.8173e-01
	-8.7303e-03	8.9455e-04	4.5502e-04	-5.5886e-02	-1.5292e-01	-4.8406e-01
306	0.0000e+00	2.8681e-04	1.9844e-03	8.9214e-02	2.0382e-01	4.1358e-01
	0.0000e+00	-4.2780e-04	3.6659e-04	-1.0926e-01	8.2766e-02	1.2958e-01

	-3.5187e-03	-4.2780e-04	1.1767e-03	-6.3916e-01	2.9877e-01	-1.3773e-01
	-3.5187e-03	9.4342e-04	2.2492e-03	4.5068e-01	3.0547e-02	-3.5106e-01
305	0.0000e+00	-1.3862e-03	-3.4038e-03	-2.2030e-02	2.6373e-01	6.9834e-01
	0.0000e+00	-6.8365e-04	2.0915e-03	-2.2408e-02	-2.9651e-01	6.0013e-01
	-7.0100e-03	-5.6042e-04	7.7938e-04	-8.8576e-02	1.7401e-01	4.4489e-01
304	-1.6442e-18	9.0156e-04	-1.5983e-03	1.0340e-02	-5.4087e-02	-4.4720e-01
	1.4099e-18	5.4964e-04	2.4305e-03	9.1305e-03	2.4511e-01	-4.4846e-01
	-5.2114e-03	3.8190e-04	1.0382e-03	3.7987e-02	1.0990e-01	-2.8780e-01
303	-3.4080e-04	-9.9717e-05	6.2621e-04	-2.1569e-01	7.0651e-02	3.0544e-01
	-3.9588e-04	4.4002e-03	4.0522e-04	2.7034e-01	6.6296e-01	2.3542e-01
	2.3432e-04	4.2377e-03	1.2541e-03	-3.0715e-02	-5.5919e-01	3.4726e-01
	3.1059e-04	-3.1192e-04	1.9348e-03	-1.2031e-01	-1.4412e-01	4.7712e-01
302	9.0442e-03	4.3168e-04	-5.9474e-04	-7.6567e-02	-1.2600e-01	-3.4328e-01
	9.0442e-03	-5.3017e-04	-7.2271e-04	2.8782e-01	5.5967e-02	-2.8245e-01
	0.0000e+00	-5.7022e-04	-8.6934e-04	8.4063e-02	-2.2698e-01	-2.7881e-01
	0.0000e+00	-4.4543e-04	-1.3841e-03	-1.7034e-02	-1.7711e-01	-3.6856e-01
301	8.5709e-03	-6.1040e-04	4.8320e-04	-8.9504e-02	1.2414e-01	-1.7355e-01
	8.5709e-03	3.4183e-04	1.2065e-03	-1.0030e-01	3.3868e-02	-8.6596e-02
	0.0000e+00	6.1145e-04	6.1459e-04	-4.1596e-02	7.9958e-02	-6.1404e-02
	0.0000e+00	-1.2833e-04	-3.3964e-04	7.2921e-03	-2.6625e-01	-1.1735e-01
300	-5.7917e-03	3.9181e-04	3.7392e-04	-4.6946e-02	-9.3409e-02	1.1933e-01
	-5.7917e-03	5.0063e-04	-1.1581e-03	-1.6664e-01	-8.6543e-02	1.7191e-01
	0.0000e+00	1.0722e-03	5.2703e-04	-6.9270e-02	-1.2026e-01	1.6991e-01
	0.0000e+00	6.6253e-04	4.8103e-04	1.5636e-02	-1.5703e-01	-1.1345e-01
299	3.2525e-03	2.9370e-04	4.2925e-04	-2.9109e-02	-9.3063e-02	2.5172e-01
	3.2525e-03	-4.3296e-04	-1.0440e-03	4.6467e-02	-2.2539e-02	2.8401e-01
	-3.3858e-18	-1.4547e-03	-1.7821e-03	-1.1555e-02	2.8309e-02	3.2713e-01
	-3.7312e-18	8.8399e-04	-6.1292e-04	5.7728e-03	-1.2243e-01	3.0768e-01
298	5.7527e-03	-4.3014e-04	9.5705e-04	3.8401e-02	4.2055e-02	2.1405e-01
	5.7527e-03	-3.6516e-04	7.9659e-04	1.5433e-01	1.7418e-01	1.9206e-01

	-2.4743e-18	-1.0731e-03	-2.2488e-03	6.5844e-02	1.7697e-01	2.8563e-01
	-2.6615e-18	-1.0677e-03	-1.5992e-03	-5.2802e-03	-1.8297e-02	3.1409e-01
297	7.3192e-03	-3.4414e-04	-1.4000e-03	1.5122e-01	1.4749e-01	-9.3751e-02
	7.3192e-03	-8.0071e-04	-8.1260e-04	7.1814e-02	-1.9021e-01	-1.3930e-01
	0.0000e+00	-8.8113e-04	1.4653e-03	-1.0512e-02	-1.4208e-01	-1.8825e-01
	0.0000e+00	-9.6848e-04	1.5334e-03	8.0819e-02	1.7565e-01	-1.3361e-01
296	-6.2675e-03	-6.3513e-04	1.1747e-03	-2.6553e-01	-1.1553e-01	-3.0321e-01
	-6.2675e-03	5.2026e-04	-2.8820e-04	-2.6584e-02	-7.9913e-02	-3.0386e-01
	1.4031e-18	9.8953e-04	-1.8515e-03	8.1495e-03	-1.0692e-01	-4.2246e-01
	1.3180e-18	-1.7363e-03	2.2438e-03	-1.0126e-01	-1.8361e-01	-3.8361e-01
295	-5.0968e-03	5.8456e-04	1.5154e-03	-1.3584e-01	-6.0301e-02	3.2616e-01
	-5.0968e-03	-5.5840e-04	-1.2713e-04	7.9973e-02	-1.2340e-01	2.4149e-01
	1.5652e-18	2.0829e-04	-7.7149e-04	1.1074e-02	2.3785e-01	3.0467e-01
	1.3480e-18	9.5080e-04	-1.8283e-03	-5.0158e-02	-9.0675e-02	3.7561e-01
294	5.6418e-03	-6.2694e-04	-5.4072e-04	2.6390e-01	5.8284e-02	1.4649e-01
	5.6418e-03	-2.9151e-04	2.1036e-04	7.1160e-02	7.5056e-02	-1.1870e-01
	0.0000e+00	-2.6294e-04	6.5202e-04	1.8442e-02	1.6564e-01	7.4235e-02
	0.0000e+00	6.5610e-04	-8.5379e-04	9.0232e-02	1.8501e-01	1.2093e-01
293	4.1670e-03	-2.4672e-04	4.1844e-04	1.4914e-01	1.5678e-02	-1.3571e-01
	4.1670e-03	-4.3200e-04	2.8954e-04	-1.0736e-01	5.1938e-02	-2.0935e-01
	0.0000e+00	-4.5280e-04	8.3601e-04	-1.8658e-02	-1.9507e-01	-1.9859e-01
	0.0000e+00	-4.3750e-04	8.9039e-04	4.3945e-02	1.2160e-01	-1.2227e-01
292	-2.9579e-03	-4.3709e-04	4.9646e-04	2.0468e-01	-1.8140e-02	-2.4198e-01
	-2.9579e-03	2.5044e-04	-7.2235e-04	-1.6350e-01	-2.0679e-02	2.5838e-01
	0.0000e+00	2.8255e-04	1.4341e-03	-3.9734e-02	-1.1036e-01	-3.2168e-01
	0.0000e+00	-5.7465e-04	1.1618e-03	5.3106e-02	-1.7461e-01	-2.9955e-01
291	-6.6338e-03	2.4813e-04	-5.6009e-04	-9.8853e-02	-2.7352e-02	2.4137e-01
	-6.6338e-03	-4.2863e-04	-2.5132e-04	2.1229e-01	1.6914e-02	1.4587e-01
	0.0000e+00	-4.6530e-04	-8.7831e-04	4.5000e-02	-2.5345e-01	1.9113e-01
	0.0000e+00	2.5916e-04	-1.3807e-03	-2.2005e-02	-1.2909e-01	2.8534e-01

290	-8.5984e-03	-4.3116e-04	-2.0641e-04	-1.2955e-01	3.0670e-02	9.6537e-02
	-8.5984e-03	-3.3057e-04	2.3723e-04	-1.0765e-01	1.9998e-02	1.2846e-01
	0.0000e+00	-3.3454e-04	3.6328e-04	-2.2723e-02	-2.4852e-01	1.2463e-01
	0.0000e+00	-4.3042e-04	-4.4140e-04	-2.2241e-02	-2.7375e-01	7.7656e-02
289	-7.1347e-03	-3.3185e-04	1.9084e-04	2.1010e-01	-2.8763e-02	1.9000e-01
	-7.1347e-03	1.5254e-04	7.2524e-04	-1.2478e-01	-3.7834e-02	2.7260e-01
	0.0000e+00	1.5234e-04	1.1414e-03	-2.5009e-02	-1.7396e-01	2.9532e-01
	0.0000e+00	-3.1719e-04	5.4078e-04	3.5199e-02	-2.4772e-01	2.1387e-01
288	-3.2234e-03	1.5348e-04	6.5626e-04	-3.7993e-01	-6.7067e-02	2.7134e-01
	-3.2234e-03	-2.6664e-04	3.8042e-04	5.7772e-01	2.0320e-01	1.3157e-01
	0.0000e+00	-2.6664e-04	4.2266e-04	9.2686e-02	-2.4630e-01	2.0577e-01
	0.0000e+00	1.4772e-04	-1.3571e-03	-4.1877e-02	-1.6880e-01	3.4595e-01
287	0.0000e+00	-6.0104e-04	1.3020e-03	5.3323e-03	1.6614e-01	1.3667e-01
	0.0000e+00	-5.6313e-04	-2.0847e-03	1.6036e-03	7.8639e-02	1.2438e-01
	3.7601e-03	-2.2067e-04	1.2630e-04	1.0105e-02	8.6199e-02	8.0724e-02
262	0.0000e+00	0.0000e+00	0.0000e+00	-1.0234e-01	-1.4813e-01	2.7533e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8266e-01	-1.7855e-01	4.5544e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7994e-01	-3.9540e-01	6.2239e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.3870e-01	-1.6372e-01	4.1821e-01
261	0.0000e+00	0.0000e+00	0.0000e+00	-3.3947e-01	-4.6883e-01	4.2192e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.9697e-01	-7.4154e-01	1.8448e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.6560e-01	-3.6522e-01	-3.2681e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.2344e-01	-2.7732e-01	5.4779e-01
260	0.0000e+00	0.0000e+00	0.0000e+00	4.3237e-01	-7.0349e-01	1.0381e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.9696e-01	-7.6973e-01	1.0080e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.4684e-01	-5.5679e-01	1.5343e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.8351e-01	-4.4930e-01	2.0707e-01
259	0.0000e+00	0.0000e+00	0.0000e+00	-5.2216e-01	-8.7449e-01	1.3858e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5994e-01	-4.9077e-01	4.5926e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.7174e-01	-6.6985e-01	5.5442e-01

	0.0000e+00	0.0000e+00	0.0000e+00	9.3689e-01	-5.3016e-01	2.4930e-01
258	0.0000e+00	0.0000e+00	0.0000e+00	-9.1551e-01	-7.9560e-01	-9.8647e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3045e+00	-2.8058e+00	7.1890e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.3169e-01	3.8794e-01	7.8001e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.0835e-01	1.2236e+00	-1.7410e-01
257	0.0000e+00	0.0000e+00	0.0000e+00	3.6798e+00	3.3054e+00	6.8734e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.8145e-01	1.6766e+00	-3.1429e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0619e+00	-1.3987e+00	-1.2884e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.1580e-01	-5.8236e-01	7.1034e-01
256	0.0000e+00	0.0000e+00	0.0000e+00	5.0345e-01	1.3506e+00	-2.6892e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.0902e-01	-1.2496e+00	-2.7555e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.2373e-01	-1.6679e+00	-1.7081e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.6002e-01	-1.4894e+00	-1.3368e-01
255	0.0000e+00	0.0000e+00	0.0000e+00	-7.1862e-01	-1.6170e+00	-5.5661e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5915e+00	-3.8118e+00	6.3018e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.5473e-01	3.0791e-01	3.2642e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.0575e-01	1.6407e+00	-1.4580e-01
254	0.0000e+00	0.0000e+00	0.0000e+00	1.5131e+00	3.6112e+00	5.6158e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.6004e-01	1.2325e+00	-7.9651e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.5343e-01	-1.6918e+00	-2.5156e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.3414e-01	-6.6560e-01	3.8090e-01
253	0.0000e+00	0.0000e+00	0.0000e+00	-3.0422e-01	9.8139e-01	-5.1262e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2772e+00	-9.6902e-01	-4.9915e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.9733e-01	1.1573e+00	-2.1339e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.5147e-01	-1.4998e+00	-2.2663e-01
252	0.0000e+00	0.0000e+00	0.0000e+00	-1.0584e+00	-1.2856e+00	-6.2177e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.9618e+00	-2.1839e+00	8.3311e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.6307e-01	5.8233e-01	1.3333e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5510e+00	1.0938e+00	-1.0639e-01
251	0.0000e+00	0.0000e+00	0.0000e+00	4.5732e+00	2.1621e+00	1.0932e+00

	0.0000e+00	0.0000e+00	0.0000e+00	6.7993e-01	1.3139e+00	-9.1164e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0672e+00	-1.0579e+00	-1.6095e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.7914e-01	-8.5188e-01	1.3206e+00
250	0.0000e+00	0.0000e+00	0.0000e+00	6.2927e-01	8.3897e-01	-4.6869e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2097e-01	3.3633e-01	-3.5124e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.0463e-01	-2.9098e-01	-2.2956e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.9453e-01	-7.2877e-01	-3.5326e-01
249	0.0000e+00	0.0000e+00	0.0000e+00	-1.7201e-01	3.8425e-01	2.1123e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.2884e-01	3.3300e-01	-1.2027e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.5137e-01	2.1643e-01	-2.0679e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.2155e-01	3.7446e-01	1.5349e-01
248	0.0000e+00	0.0000e+00	0.0000e+00	-2.9672e-01	3.1099e-01	-2.3162e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8555e-01	1.6937e-01	-4.0657e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7200e-01	2.9866e-02	-5.1071e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.6957e-01	1.3529e-01	-3.2806e-01
247	0.0000e+00	0.0000e+00	0.0000e+00	-1.9082e-01	-3.5929e-02	-4.2516e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.1659e-02	-3.0869e-02	-2.9118e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.0869e-01	-9.6320e-02	-3.6640e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.4551e-02	1.3670e-01	-5.0635e-01
246	0.0000e+00	0.0000e+00	0.0000e+00	9.0580e-02	2.7270e-01	4.2422e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.7879e-02	-3.6654e-01	7.3071e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1131e+00	1.5127e+00	1.0222e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.6241e-01	2.9556e-01	7.3005e-01
245	0.0000e+00	0.0000e+00	0.0000e+00	8.0467e-01	-1.2124e+00	-3.9438e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.1892e-02	-2.5428e-01	-8.3711e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.6511e-01	-4.2904e-01	-3.2518e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.0230e-01	-4.9976e-01	2.7784e-01
244	0.0000e+00	0.0000e+00	0.0000e+00	-3.7847e-01	3.7207e-01	-2.3218e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1154e-01	2.5138e-01	-2.5813e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.0691e-01	-1.5744e-01	-2.8606e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-4.0855e-01	-3.6899e-01	-2.5285e-01
243	0.0000e+00	0.0000e+00	0.0000e+00	1.4008e-01	2.4119e-01	-2.3907e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1235e-01	-4.5749e-01	3.8836e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0830e+00	1.4000e+00	6.3823e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.9193e-01	1.7223e-01	4.1929e-01
242	0.0000e+00	0.0000e+00	0.0000e+00	7.9046e-01	-1.1948e+00	2.3280e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.6370e-02	-3.0073e-01	-5.0397e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.0470e-01	-4.8622e-01	2.4221e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.5258e-01	-4.7396e-01	5.2572e-01
241	0.0000e+00	0.0000e+00	0.0000e+00	-4.7345e-01	3.4834e-01	-2.9782e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7640e-01	-5.7434e-01	-2.6482e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.7034e-01	5.5764e-01	-2.8779e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2331e-01	-4.6053e-01	-3.0734e-01
240	0.0000e+00	0.0000e+00	0.0000e+00	5.7379e-01	-8.3992e-01	-3.3992e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.3247e-01	-4.9389e-01	8.8915e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3770e+00	2.3236e+00	4.1057e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.4036e-01	5.1362e-01	-6.5785e-01
239	0.0000e+00	0.0000e+00	0.0000e+00	-2.7576e+00	-1.9165e+00	-1.3543e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.1665e-01	-4.7853e-01	-6.4499e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.1096e-01	-3.6609e-01	4.4251e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.8416e-01	-4.7967e-01	1.1831e+00
238	0.0000e+00	0.0000e+00	0.0000e+00	-1.8345e+00	-1.7185e+00	-2.3613e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5687e-01	-8.7696e-01	-2.6941e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.2237e-01	-6.5397e-01	3.6491e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.7006e-01	1.9078e-01	-2.3126e-01
237	0.0000e+00	0.0000e+00	0.0000e+00	3.6495e-01	-1.5346e-01	8.5273e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.6799e-01	-1.4203e+00	5.3475e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5653e-01	-3.0020e-01	-2.2193e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.0084e-02	-8.1793e-01	4.5492e-01
236	0.0000e+00	0.0000e+00	0.0000e+00	2.4273e-01	-3.4271e-01	5.7632e-01

	0.0000e+00	0.0000e+00	0.0000e+00	5.1247e-01	-1.5086e+00	-2.3879e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.8111e-01	-6.0587e-01	-3.7296e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.7402e-01	-1.0694e+00	2.5479e-01
235	0.0000e+00	0.0000e+00	0.0000e+00	-1.8537e+00	-1.7431e+00	-4.8199e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.5901e-01	-9.7342e-01	-2.7769e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.2301e-01	-8.4760e-01	-1.0424e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.8578e-01	3.9779e-01	-2.8776e-01
234	0.0000e+00	0.0000e+00	0.0000e+00	4.4890e-01	1.1202e+00	4.3352e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.3365e+00	3.1190e+00	-4.9290e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.0146e-01	-4.2853e-01	-3.3334e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.2373e-01	-1.1382e+00	1.6092e-01
233	0.0000e+00	0.0000e+00	0.0000e+00	-1.3295e+00	-2.8738e+00	-8.2026e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.1993e-01	-5.9636e-01	1.1752e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.7046e-01	1.0770e+00	4.2285e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.8786e-01	2.2576e-01	-3.5360e-01
232	0.0000e+00	0.0000e+00	0.0000e+00	6.6235e-01	-7.3050e-01	2.5387e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.1476e-01	-8.2059e-01	1.7440e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.9617e-01	-6.7161e-01	-1.4483e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.0608e-01	-7.0976e-01	-1.7656e-01
231	0.0000e+00	0.0000e+00	0.0000e+00	-4.2118e-01	6.2349e-01	2.4018e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.6983e-01	-6.7547e-01	2.7081e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.6888e-01	-6.5941e-01	-2.1534e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.9332e-01	5.4836e-01	-2.0840e-01
230	0.0000e+00	0.0000e+00	0.0000e+00	5.3676e-01	-8.4509e-01	-1.5268e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.2547e-01	-8.5268e-01	-1.7060e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.6193e-01	-7.2181e-01	1.9008e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.8503e-01	-6.7085e-01	1.6979e-01
229	0.0000e+00	0.0000e+00	0.0000e+00	-8.0617e-01	-9.4093e-01	1.2652e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.6350e-01	-1.0285e+00	9.3535e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.6806e-01	-6.7739e-01	-1.2842e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-6.6039e-01	-6.7863e-01	-1.6501e-01
228	0.0000e+00	0.0000e+00	0.0000e+00	-6.9272e-01	-1.0203e+00	1.2065e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.7719e-01	-9.6836e-01	-1.8204e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.9408e-01	-6.9431e-01	-2.1344e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.8698e-01	-6.8605e-01	-1.3124e-01
227	0.0000e+00	0.0000e+00	0.0000e+00	-5.5553e-01	-8.7464e-01	-2.4115e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.7228e-01	-6.5185e-01	-8.8074e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.3036e-01	-5.8815e-01	3.0635e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.5638e-01	-6.7759e-01	2.5826e-01
226	0.0000e+00	0.0000e+00	0.0000e+00	-1.0258e+00	-6.3541e-01	3.2754e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.5246e-01	-6.1791e-01	4.6167e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.3153e-01	-5.4681e-01	3.4745e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.1233e-01	-5.4478e-01	2.3371e-01
225	0.0000e+00	0.0000e+00	0.0000e+00	-2.5826e-01	-5.4615e-01	4.6303e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.1965e-01	-5.6589e-01	2.6506e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.5112e-02	-5.3681e-01	-1.9483e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2484e-01	-5.8535e-01	3.6049e-01
224	0.0000e+00	0.0000e+00	0.0000e+00	-4.5869e-01	-6.3628e-01	3.3429e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.4184e-01	-3.6384e-01	3.0071e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1354e-01	-9.7324e-01	2.9204e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.4508e-01	-7.1645e-01	3.3009e-01
223	0.0000e+00	0.0000e+00	0.0000e+00	-3.5149e-01	-8.2585e-01	-2.0874e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.1511e-01	-8.0894e-01	-1.9589e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.8297e-01	-1.1404e+00	2.0031e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.4645e-01	-9.5509e-01	1.0478e-01
222	0.0000e+00	0.0000e+00	0.0000e+00	-2.2094e-01	-2.4074e-01	-4.1588e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8450e-01	-2.2515e-01	-3.4725e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.1356e-01	-5.3909e-01	-7.0261e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.1299e-01	-7.7733e-01	-8.0744e-01
221	0.0000e+00	0.0000e+00	0.0000e+00	-2.0225e-01	-3.9935e-01	-3.3276e-01

	0.0000e+00	0.0000e+00	0.0000e+00	3.1835e-01	-4.8253e-01	-1.5758e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.6623e-01	-5.3857e-01	-3.1596e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.6987e-01	-4.9708e-01	-3.2234e-01
220	0.0000e+00	0.0000e+00	0.0000e+00	2.8510e-01	-6.1616e-01	-1.0569e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.6008e-01	-7.8627e-01	9.7460e-02
	0.0000e+00	0.0000e+00	0.0000e+00	3.5111e-01	-7.9221e-01	2.5277e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.0821e-01	-4.7394e-01	-3.5516e-01
219	0.0000e+00	0.0000e+00	0.0000e+00	-4.7646e-01	-9.9257e-01	1.1458e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7292e-01	-5.4836e-01	6.0156e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.8576e-01	-1.0981e+00	6.7285e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.7044e-01	-8.6119e-01	2.0994e-01
218	0.0000e+00	0.0000e+00	0.0000e+00	-1.7102e+00	-1.1324e+00	-1.0044e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4820e+00	-3.6230e+00	1.3318e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.8217e-01	4.8721e-01	1.3206e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3199e+00	1.3230e+00	-2.4286e-01
217	0.0000e+00	0.0000e+00	0.0000e+00	4.0444e+00	3.8749e+00	1.1374e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.3444e+00	1.6118e+00	-5.7539e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2566e+00	-1.4380e+00	-2.3599e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.7930e-01	-7.8194e-01	1.2467e+00
216	0.0000e+00	0.0000e+00	0.0000e+00	8.8922e-01	1.0802e+00	-3.6696e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.2413e-01	7.2378e-01	-3.9088e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.9511e-01	1.4861e+00	-1.8336e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.0389e-01	1.3259e+00	-1.8458e-01
215	0.0000e+00	0.0000e+00	0.0000e+00	-1.2513e+00	8.1792e-01	-5.4956e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0126e+00	2.7632e+00	5.1633e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7094e-01	3.9307e-01	4.5407e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.6641e-01	1.4468e+00	-2.3635e-01
214	0.0000e+00	0.0000e+00	0.0000e+00	2.0238e+00	2.5508e+00	1.1224e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.8626e-01	9.0964e-01	-9.0759e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2738e-01	-6.9737e-01	-2.8603e-01

	0.0000e+00	0.0000e+00	0.0000e+00	2.4425e-01	-2.9180e-01	4.8952e-01
213	0.0000e+00	0.0000e+00	0.0000e+00	-3.1202e-01	7.9587e-01	-3.3305e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.7566e-01	5.3070e-01	-4.0399e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.0544e-01	9.0914e-01	-3.2081e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.6032e-01	-7.1933e-01	-2.7335e-01
212	0.0000e+00	0.0000e+00	0.0000e+00	-1.0990e+00	5.2276e-01	-4.3605e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6189e+00	1.9036e+00	3.7432e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.0670e-01	3.5268e-01	3.4970e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.9469e-01	1.0402e+00	-2.7385e-01
211	0.0000e+00	0.0000e+00	0.0000e+00	1.6497e+00	2.0919e+00	6.9319e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.7519e-01	7.7803e-01	-6.4032e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.4987e-01	-5.4682e-01	-3.4576e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2647e-01	-3.0888e-01	3.0833e-01
210	0.0000e+00	0.0000e+00	0.0000e+00	1.5923e-01	4.5524e-01	-3.9355e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3037e-01	1.6998e-01	-3.3554e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1772e-01	2.6372e-01	-2.9638e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1868e-01	-4.5343e-01	-3.6687e-01
209	0.0000e+00	0.0000e+00	0.0000e+00	-1.1835e-01	1.5427e-01	2.8505e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8136e-01	1.7465e-01	1.6338e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1911e-01	1.6452e-01	2.4823e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8893e-01	9.6657e-02	3.5983e-01
208	0.0000e+00	0.0000e+00	0.0000e+00	-2.2544e-01	2.3628e-01	1.1340e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6370e-01	3.0710e-01	-1.9751e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.7046e-01	4.4314e-01	-1.0022e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4733e-01	1.0581e-01	2.0891e-01
207	0.0000e+00	0.0000e+00	0.0000e+00	3.0618e-01	-1.7767e-01	-2.1812e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.2521e-01	-2.7067e-01	-3.0520e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.7970e-01	6.2274e-01	-4.3864e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.8087e-01	6.4400e-01	-3.3933e-01
206	0.0000e+00	0.0000e+00	0.0000e+00	1.3661e-01	1.1021e+00	-9.4000e-01

	0.0000e+00	0.0000e+00	0.0000e+00	5.3229e+00	2.2700e+00	-1.0143e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.9627e+00	1.4313e+00	-1.1489e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.4505e+00	6.5610e-01	3.7594e-01
205	0.0000e+00	0.0000e+00	0.0000e+00	1.9521e+00	-2.3159e+00	2.0615e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.5974e+00	-5.1080e+00	1.2249e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.4337e-01	-1.0419e+00	-4.0889e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.4670e-01	-1.9605e+00	9.0524e-01
204	0.0000e+00	0.0000e+00	0.0000e+00	-1.3947e+00	-5.8597e-01	-4.6920e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7013e-01	5.8779e-01	-7.8388e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.0642e-01	-8.0878e-01	6.9425e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1631e+00	-6.4144e-01	-3.6787e-01
203	0.0000e+00	0.0000e+00	0.0000e+00	1.7732e-01	1.0169e+00	1.0268e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.2528e+00	-2.1004e+00	6.0570e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5670e+00	2.2504e+00	6.4713e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.2964e-01	8.9643e-01	1.1657e+00
202	0.0000e+00	0.0000e+00	0.0000e+00	2.0544e+00	-1.7280e+00	6.3609e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1337e+00	-2.1635e+00	-2.9122e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0355e+00	-6.5796e-01	-8.9687e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0873e+00	-1.2139e+00	-7.5317e-01
201	0.0000e+00	0.0000e+00	0.0000e+00	-4.6920e-01	-7.6976e-01	-5.0845e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.0892e-01	5.5075e-01	-3.8461e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.3490e-01	6.8156e-01	4.1781e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.0894e-01	-7.7961e-01	5.5186e-01
200	0.0000e+00	0.0000e+00	0.0000e+00	4.7048e-01	1.0419e+00	5.7190e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.3896e+00	1.4643e+00	7.0130e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4276e+00	-9.3597e-01	-9.2146e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5384e+00	9.1501e-01	5.9738e-01
199	0.0000e+00	0.0000e+00	0.0000e+00	2.2995e+00	-1.4172e+00	1.9710e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4598e+00	-2.7371e+00	1.2359e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.0676e-01	-6.0518e-01	-1.0879e+00

	0.0000e+00	0.0000e+00	0.0000e+00	-8.4751e-01	-8.0342e-01	-1.1414e+00
198	0.0000e+00	0.0000e+00	0.0000e+00	-2.6868e+00	-1.4096e+00	-8.7786e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3617e+00	-8.1560e-01	-5.5617e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.6019e-01	-5.8604e-01	1.8641e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4465e+00	3.9634e-01	-2.5717e-01
197	0.0000e+00	0.0000e+00	0.0000e+00	-4.4836e-01	-3.3791e-01	3.7009e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.6715e-01	-6.2857e-01	4.4117e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.8404e-01	-3.5537e-01	-2.4556e-01
196	0.0000e+00	0.0000e+00	0.0000e+00	1.0843e+00	1.4036e+00	5.7220e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.2777e+00	-3.8502e+00	-7.8857e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.6109e-01	-3.8425e-01	-3.7796e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.2517e-01	-1.3737e+00	1.2390e-01
195	0.0000e+00	0.0000e+00	0.0000e+00	-1.8731e+00	-3.7145e+00	-6.5702e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4109e+00	-1.2836e+00	9.2525e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.4750e-01	1.4823e+00	3.8120e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.7025e-01	6.1511e-01	-3.8944e-01
194	0.0000e+00	0.0000e+00	0.0000e+00	1.4406e+00	1.3429e+00	4.8005e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8046e+00	2.9697e+00	-3.2213e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.4232e-01	-2.8452e-01	-3.9787e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.6562e-01	-1.2248e+00	3.2043e-01
193	0.0000e+00	0.0000e+00	0.0000e+00	-2.0908e+00	2.8084e+00	-8.6439e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.8050e-01	-8.5387e-01	8.3671e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.9403e-01	5.5776e-01	3.7823e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.7027e-01	5.0495e-01	-2.9914e-01
192	0.0000e+00	0.0000e+00	0.0000e+00	5.7209e-01	6.5715e-01	5.5609e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.8986e-01	-7.8812e-01	3.6639e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.0115e-01	-8.0301e-01	2.5142e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.9935e-01	-6.6160e-01	3.3060e-01
191	0.0000e+00	0.0000e+00	0.0000e+00	-8.9972e-01	4.9867e-01	5.5584e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.0131e-01	-6.5223e-01	6.2103e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-4.6156e-01	5.4662e-01	3.5151e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.4001e-01	3.0988e-01	-2.7642e-01
190	0.0000e+00	0.0000e+00	0.0000e+00	6.6830e-01	-7.7195e-01	-1.9910e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.4506e-01	7.0918e-01	-1.4365e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.6521e-01	-9.4793e-01	1.9841e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.5395e-01	-7.9090e-01	2.5955e-01
189	0.0000e+00	0.0000e+00	0.0000e+00	-3.8295e-01	7.3576e-01	2.7785e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.4695e-01	6.9388e-01	2.6435e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.3665e-01	-7.6345e-01	1.2266e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2750e-01	-9.0552e-01	1.4596e-01
188	0.0000e+00	0.0000e+00	0.0000e+00	4.0035e-01	6.1224e-01	2.7680e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.5077e-01	-3.9373e-01	3.4002e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.1886e-01	-5.5207e-01	-2.6707e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2584e-01	-6.9652e-01	-1.8453e-01
187	0.0000e+00	0.0000e+00	0.0000e+00	-4.5942e-01	-5.3936e-01	-2.6370e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.7026e-01	5.8322e-01	-3.9457e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.9310e-01	-4.1239e-01	-4.8110e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.8458e-01	-5.3652e-01	3.4884e-01
186	0.0000e+00	0.0000e+00	0.0000e+00	-4.4437e-01	5.3200e-01	-3.3623e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1226e-01	-4.7534e-01	-2.5814e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.9994e-01	-3.3144e-01	-5.7650e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1053e+00	-3.6893e-01	-6.6629e-01
185	0.0000e+00	0.0000e+00	0.0000e+00	-3.2896e-01	4.7305e-01	-2.3351e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8717e-01	-2.3668e-01	-2.4524e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0369e-01	-2.6815e-01	-3.6230e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.7711e-01	-2.7130e-01	-3.6533e-01
184	0.0000e+00	0.0000e+00	0.0000e+00	-1.1182e+00	-7.4272e-01	4.0122e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.9114e-01	-9.1721e-01	3.5941e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.8644e-01	-1.3626e+00	1.6773e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.0843e-01	-7.7847e-01	8.0748e-02

183	0.0000e+00	0.0000e+00	0.0000e+00	-7.8052e-01	-1.1735e+00	3.6817e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.8298e-01	-1.1781e+00	4.0771e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.1774e-01	-1.3160e+00	2.7842e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.1272e-01	-1.4280e+00	2.0274e-01
182	0.0000e+00	0.0000e+00	0.0000e+00	-7.8249e-01	-6.9057e-01	-9.1878e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1344e+00	-8.4634e-01	-5.6639e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.6057e-01	-2.3943e+00	-1.2616e+00
181	0.0000e+00	0.0000e+00	0.0000e+00	3.5083e-01	-3.9610e-01	-6.6747e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.0947e-01	-4.8872e-01	1.2436e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2426e+00	-4.1747e-01	3.3018e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2636e+00	-1.0675e+00	3.1283e-01
180	0.0000e+00	0.0000e+00	0.0000e+00	-4.2282e-01	-1.8857e-01	5.2757e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5682e-01	-4.6470e-01	-4.4620e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.4397e-01	-1.0899e+00	-9.1535e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.4158e-01	-1.2949e+00	1.0386e+00
179	0.0000e+00	0.0000e+00	0.0000e+00	-4.8933e-01	-7.6188e-01	-4.1487e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.1615e-01	-8.3229e-01	-1.0287e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.9365e-01	-7.6528e-01	-1.7467e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.4365e-01	-9.6283e-01	-3.3954e-01
178	0.0000e+00	0.0000e+00	0.0000e+00	3.9949e-01	-7.1032e-01	-1.6970e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.2862e-01	-6.2612e-01	1.4923e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.1057e-01	-4.6591e-01	2.7967e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.8725e-01	-6.8051e-01	-2.4084e-01
177	0.0000e+00	0.0000e+00	0.0000e+00	3.0811e-01	-6.6938e-01	1.9846e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.4277e-01	-3.4276e-01	4.7292e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4682e-01	-5.3116e-01	6.5524e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.7827e-01	-4.8602e-01	3.9493e-01
176	0.0000e+00	0.0000e+00	0.0000e+00	-9.0867e-01	4.5989e-01	-1.1768e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5631e+00	3.0973e+00	1.0429e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.9008e-01	3.6970e-01	6.2193e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-6.7374e-01	1.1476e+00	-3.9167e-01
175	0.0000e+00	0.0000e+00	0.0000e+00	1.9103e+00	3.1281e+00	5.9396e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.4801e-01	8.6326e-01	-7.2082e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.4879e-01	-1.4157e+00	-2.7285e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.8674e-01	-3.1044e-01	6.5274e-01
174	0.0000e+00	0.0000e+00	0.0000e+00	2.4791e-01	6.3229e-01	-3.2347e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.6054e-01	7.6140e-01	-2.7828e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.5627e-01	1.3591e+00	-1.5686e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.3180e-01	1.3195e+00	-2.4259e-01
173	0.0000e+00	0.0000e+00	0.0000e+00	-8.9931e-01	-1.0865e+00	-7.3288e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2862e+00	-3.5426e+00	9.4531e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.2571e-01	6.7371e-01	7.2828e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.0473e-01	1.4186e+00	-1.5412e-01
172	0.0000e+00	0.0000e+00	0.0000e+00	2.5352e+00	3.2840e+00	7.6820e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.8228e-01	8.9097e-01	-1.1606e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.6083e-01	-1.4819e+00	-2.8557e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.7659e-01	1.9741e-01	8.0483e-01
171	0.0000e+00	0.0000e+00	0.0000e+00	7.1902e-01	5.1824e-01	-6.7615e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.4252e-01	7.0852e-01	-5.3554e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.9283e-01	5.6535e-01	-2.4601e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.3238e-01	-1.4436e+00	-3.7276e-01
170	0.0000e+00	0.0000e+00	0.0000e+00	-3.6165e-01	-3.9507e-01	4.0865e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.3431e-01	-7.0924e-01	4.4300e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.0794e-01	-5.6499e-01	3.7063e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.0406e-01	-8.4150e-01	3.0944e-01
169	0.0000e+00	0.0000e+00	0.0000e+00	1.5003e+00	1.7675e+00	4.8158e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4374e-01	8.7167e-01	3.9629e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.5144e-01	-2.5634e-01	-3.7884e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.9547e-01	-8.3261e-01	2.7371e-01
168	0.0000e+00	0.0000e+00	0.0000e+00	2.9902e-01	6.1043e-01	-4.8982e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-3.8127e-01	4.5447e-01	5.2203e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7837e-01	2.1783e-01	-4.1562e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.4682e-01	2.0607e-01	-4.5242e-01
167	0.0000e+00	0.0000e+00	0.0000e+00	-2.8580e-01	2.4556e-01	3.9813e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0420e-01	2.4752e-01	2.3345e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0584e-01	2.5653e-01	2.6219e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7902e-01	-1.7947e-01	4.2416e-01
166	0.0000e+00	0.0000e+00	0.0000e+00	-1.8366e-01	2.0230e-01	-1.9844e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9996e-01	2.9824e-01	-1.8562e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.7069e-01	2.0823e-01	-1.6773e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6426e-01	1.1246e-01	-2.1282e-01
165	0.0000e+00	0.0000e+00	0.0000e+00	1.7858e-01	-1.9636e-01	-2.3343e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1854e-01	-2.5793e-01	3.0857e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.6450e-01	1.4952e-01	-4.1214e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.4676e-01	2.7496e-01	-3.5354e-01
164	0.0000e+00	0.0000e+00	0.0000e+00	2.8603e-01	5.8913e-01	-8.8721e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5244e+00	1.7500e+00	8.5937e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0509e+00	7.5815e-01	2.1448e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.2124e-01	4.7022e-01	4.0497e-01
163	0.0000e+00	0.0000e+00	0.0000e+00	6.9985e-01	-1.3753e+00	-4.0275e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.6447e-01	-1.1598e+00	-3.2839e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.3199e-01	-1.5532e+00	3.9707e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1374e+00	-1.7150e+00	-7.2535e-01
162	0.0000e+00	0.0000e+00	0.0000e+00	-8.2370e-01	5.0147e-01	-3.1129e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3264e-01	3.8270e-01	5.2427e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.1784e-01	-1.0601e+00	4.8822e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.5423e-01	-5.8052e-01	2.7062e-01
161	0.0000e+00	0.0000e+00	0.0000e+00	-3.8703e-01	6.6113e-01	1.0768e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.7073e+00	2.8333e+00	1.1619e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.3240e+00	1.3904e+00	4.3762e-01

	0.0000e+00	0.0000e+00	0.0000e+00	4.5139e-01	1.2948e+00	6.0378e-01
160	0.0000e+00	0.0000e+00	0.0000e+00	1.2240e+00	-1.9312e+00	6.2144e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.0068e+00	-1.5381e+00	-4.8025e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.9272e-01	-7.8408e-01	7.4288e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4311e+00	-4.9372e-01	5.4062e-01
159	0.0000e+00	0.0000e+00	0.0000e+00	-6.3823e-01	7.3690e-01	-4.3780e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.9024e-01	1.0328e+00	-5.7790e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0553e+00	1.1195e+00	6.2899e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.1794e-01	1.1082e+00	-3.8088e-01
158	0.0000e+00	0.0000e+00	0.0000e+00	1.1114e+00	1.3983e+00	9.0993e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.8769e+00	2.2644e+00	7.4643e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.4037e+00	1.8253e+00	-2.0396e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2379e+00	1.3208e+00	-9.4354e-01
157	0.0000e+00	0.0000e+00	0.0000e+00	-1.8440e+00	-3.4332e+00	1.3827e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6135e+00	-3.8176e+00	-7.4012e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.5365e-01	-1.5115e+00	-1.3968e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3051e+00	-1.3301e+00	-1.1678e+00
156	0.0000e+00	0.0000e+00	0.0000e+00	-3.1069e-01	-4.4183e-01	-3.4173e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8191e-01	-3.5019e-01	-3.6012e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.4237e-01	3.9841e-01	-4.9926e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.6059e-01	5.5216e-01	-4.8595e-01
155	0.0000e+00	0.0000e+00	0.0000e+00	3.9517e-01	-7.0373e-01	2.1246e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.5525e-01	-7.0536e-01	4.8194e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4896e+00	-8.9745e-01	5.1210e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.2151e-01	-4.6840e-01	-2.5282e-01
154	0.0000e+00	0.0000e+00	0.0000e+00	7.6908e-01	-9.1976e-01	5.9389e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.8481e-01	-1.9351e+00	3.4132e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5290e-01	-5.5376e-01	-4.7568e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1756e-01	-8.3042e-01	3.0762e-01
153	0.0000e+00	0.0000e+00	0.0000e+00	-2.3329e+00	-1.9456e+00	-5.4122e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-3.7249e-01	-1.3356e+00	-3.9562e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.7345e-01	-8.3997e-01	2.5573e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.2079e-01	7.1956e-01	-3.1836e-01
152	0.0000e+00	0.0000e+00	0.0000e+00	1.6573e+00	1.5044e+00	7.7350e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.4632e+00	3.6731e+00	-6.4324e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.4430e-01	-7.1639e-01	-1.0215e+00
	0.0000e+00	0.0000e+00	0.0000e+00	9.8994e-01	-1.3736e+00	2.3382e-01
151	0.0000e+00	0.0000e+00	0.0000e+00	-4.2511e+00	3.5271e+00	-9.5928e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5008e+00	-1.2553e+00	9.9707e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0785e+00	8.9855e-01	3.0487e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1261e+00	1.0928e+00	-8.6282e-01
150	0.0000e+00	0.0000e+00	0.0000e+00	5.9805e-01	6.2188e-01	-3.9279e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.6505e-01	7.3993e-01	-2.3482e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.1787e-01	-7.5456e-01	-3.4358e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.1270e-01	-6.7660e-01	-4.8085e-01
149	0.0000e+00	0.0000e+00	0.0000e+00	-6.7292e-01	4.9257e-01	3.6700e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.9590e-01	5.7648e-01	4.3255e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.7607e-01	6.1254e-01	-4.5125e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.2458e-01	4.7293e-01	-3.3151e-01
148	0.0000e+00	0.0000e+00	0.0000e+00	4.0245e-01	-7.5416e-01	-2.3627e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.7388e-01	7.0619e-01	-1.0945e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.2277e-01	7.9127e-01	1.6859e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.0428e-01	-7.5544e-01	1.4724e-01
147	0.0000e+00	0.0000e+00	0.0000e+00	-7.2546e-01	7.7253e-01	1.7585e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.9848e-01	8.6759e-01	3.1291e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.9966e-01	-5.7994e-01	2.9517e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.6041e-01	7.1269e-01	1.5566e-01
146	0.0000e+00	0.0000e+00	0.0000e+00	-3.9699e-01	8.1499e-01	3.5243e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.4058e-01	-6.3674e-01	3.0321e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4436e-01	-6.0907e-01	-2.8066e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-4.5009e-01	-5.6842e-01	2.9159e-01
145	0.0000e+00	0.0000e+00	0.0000e+00	4.7847e-01	5.1568e-01	-3.0273e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.7937e-01	5.7500e-01	-2.7960e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.9838e-01	5.0587e-01	1.0835e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5435e-01	-6.3400e-01	2.4790e-01
144	0.0000e+00	0.0000e+00	0.0000e+00	-1.0789e+00	-3.2711e-01	5.2190e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.1253e-01	-8.8609e-01	6.1273e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.3139e-01	-3.5841e-01	2.8222e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.1182e-01	5.4787e-01	-1.0589e-01
143	0.0000e+00	0.0000e+00	0.0000e+00	-3.2271e-01	3.1419e-01	1.5555e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.4114e-01	-3.6356e-01	1.8717e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4511e-01	-3.1189e-01	-2.0922e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.8585e-01	-4.4353e-01	-1.7308e-01
142	0.0000e+00	0.0000e+00	0.0000e+00	-1.8142e-01	-7.4978e-01	4.1755e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.0922e-01	-9.0974e-01	3.0531e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9179e-01	-8.4299e-01	2.2431e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.7320e-01	-6.9071e-01	2.1072e-01
141	0.0000e+00	0.0000e+00	0.0000e+00	-4.8096e-01	-1.1858e+00	4.6416e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.7579e-01	1.2489e+00	3.1170e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.9570e-01	-1.3018e+00	1.4632e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.9437e-01	-1.0063e+00	1.9624e-01
140	0.0000e+00	0.0000e+00	0.0000e+00	3.4180e-01	-7.7975e-01	-2.0779e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.2700e-01	-4.1008e-01	1.4821e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.9934e-01	3.4762e-01	4.2119e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.3328e-01	-5.6358e-01	3.2754e-01
139	0.0000e+00	0.0000e+00	0.0000e+00	7.6959e-01	-1.7477e+00	-1.2752e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.8462e-01	-1.2967e+00	3.2871e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6824e+00	1.3580e+00	1.7365e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.7735e+00	5.9709e+00	-2.0229e+00
138	0.0000e+00	0.0000e+00	0.0000e+00	-1.5110e-01	-9.0739e-01	4.1295e-01

	0.0000e+00	0.0000e+00	0.0000e+00	2.4575e-01	3.6503e-01	2.8675e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2185e-01	3.5286e-01	-5.7918e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.1320e-01	7.0594e-01	7.2451e-01
137	0.0000e+00	0.0000e+00	0.0000e+00	5.7781e-01	-4.4606e-01	5.6181e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.2449e-01	-6.9363e-01	2.3178e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9626e+00	3.6108e-01	2.9907e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.7893e-01	2.9139e-01	7.8172e-01
136	0.0000e+00	0.0000e+00	0.0000e+00	7.7854e-01	4.0977e-01	2.2570e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.7231e-01	2.5702e-01	3.0005e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.4602e-01	2.2816e-01	6.2250e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0922e+00	3.1642e-01	4.5476e-01
135	0.0000e+00	0.0000e+00	0.0000e+00	-7.9563e-01	2.3337e-01	-6.1293e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1536e-01	3.2618e-01	-5.9538e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.2436e-01	3.8472e-01	-6.5869e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.6473e-01	3.7849e-01	-6.5676e-01
134	0.0000e+00	0.0000e+00	0.0000e+00	6.9977e-01	-1.9642e-01	-6.0369e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7160e-01	-1.9664e-01	-5.1247e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.9698e-01	3.3282e-01	-6.6234e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5984e-01	3.5868e-01	-7.5202e-01
133	0.0000e+00	0.0000e+00	0.0000e+00	6.6929e-01	1.0614e+00	6.2975e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1879e+00	-1.1472e+00	6.6853e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4520e+00	2.1502e+00	-7.4023e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.2578e-01	-2.3899e-01	1.0059e+00
132	0.0000e+00	0.0000e+00	0.0000e+00	6.7666e-01	8.6070e-01	-5.3034e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.5366e-01	1.7987e+00	-8.2216e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.0000e-01	8.3396e-01	-3.8958e-01
131	0.0000e+00	0.0000e+00	0.0000e+00	-8.7768e-01	3.7624e-01	-4.2904e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.3699e-01	4.2477e-01	5.5222e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.2012e-01	1.1320e+00	3.1386e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.9170e-01	-4.9110e-01	2.9625e-01

130	0.0000e+00	0.0000e+00	0.0000e+00	-2.6970e-01	8.2971e-01	-1.1806e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.7683e+00	3.8552e+00	-1.4072e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.0752e+00	1.9574e+00	8.8982e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0830e+00	1.4296e+00	4.4860e-01
129	0.0000e+00	0.0000e+00	0.0000e+00	2.0515e+00	-1.6655e+00	1.2737e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.4421e+00	-2.7171e+00	-7.1488e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.2864e-01	-9.8011e-01	-1.0286e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3081e+00	-1.3430e+00	4.4075e-01
128	0.0000e+00	0.0000e+00	0.0000e+00	-6.6038e-01	5.1742e-01	-3.8816e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.7734e-01	7.0616e-01	2.8432e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.0255e-01	-8.6388e-01	3.0237e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.8952e-01	-8.9355e-01	3.0941e-01
127	0.0000e+00	0.0000e+00	0.0000e+00	5.3542e-01	9.3044e-01	8.6577e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1256e+00	-3.3594e+00	6.9047e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.9550e+00	1.9414e+00	5.7712e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.6669e-01	1.3006e+00	4.8343e-01
126	0.0000e+00	0.0000e+00	0.0000e+00	1.7266e+00	-1.8630e+00	4.6473e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.3864e+00	-1.4394e+00	-1.1022e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.9184e-01	-1.0439e+00	1.3778e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0385e+00	-9.1483e-01	6.4952e-01
125	0.0000e+00	0.0000e+00	0.0000e+00	-7.1216e-01	1.7977e-01	-7.2926e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2091e-01	-1.5759e-01	-4.6768e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1572e-01	-2.8863e-01	-3.9875e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.9063e-01	-1.8539e-01	-7.0933e-01
124	0.0000e+00	0.0000e+00	0.0000e+00	-4.3782e-01	-4.2325e-01	-1.9659e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.2887e-01	-4.6710e-01	-1.4989e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4403e-01	-6.0329e-01	-3.8294e-01
123	0.0000e+00	0.0000e+00	0.0000e+00	3.4345e-01	-4.6512e-01	-9.0419e-02
	0.0000e+00	0.0000e+00	0.0000e+00	5.2410e-01	-6.1736e-01	1.5644e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.7978e-01	-4.0076e-01	-1.6522e-01

	0.0000e+00	0.0000e+00	0.0000e+00	5.3053e-01	-3.0186e-01	-3.0925e-01
122	0.0000e+00	0.0000e+00	0.0000e+00	5.4687e-01	-7.2301e-01	1.8120e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.2741e-01	-5.8355e-01	-5.4584e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.3877e-01	-2.5467e-01	7.6879e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1960e+00	-3.5632e-01	3.6815e-01
121	0.0000e+00	0.0000e+00	0.0000e+00	-2.1889e-01	-2.2434e-01	-6.1298e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5478e-01	-2.4125e-01	-3.2183e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.0828e-01	-2.4950e-01	-4.9080e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8043e-01	-2.9821e-01	8.0484e-01
120	0.0000e+00	0.0000e+00	0.0000e+00	-2.8615e-01	1.1866e+00	-4.8123e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.8260e-01	9.9002e-01	-6.8313e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6133e+00	-4.5793e+00	-1.2842e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1429e+00	-3.6776e-01	1.6581e+00
119	0.0000e+00	0.0000e+00	0.0000e+00	4.9413e+00	1.7216e+00	7.4465e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0817e+00	7.2731e-01	7.6958e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.6486e-01	-5.1208e-01	4.9859e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.7268e-01	1.7806e+00	-1.1788e+00
118	0.0000e+00	0.0000e+00	0.0000e+00	2.2394e-01	-7.6969e-01	4.6032e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4214e-01	-6.8526e-01	5.2348e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6310e-01	8.6167e-01	5.8308e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3715e-01	6.5930e-01	5.6347e-01
117	0.0000e+00	0.0000e+00	0.0000e+00	-8.9347e-01	-3.0108e-01	4.5468e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.8458e-01	3.0786e-01	-7.4715e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9236e+00	-1.3301e+00	-7.7563e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.5963e-01	-8.0151e-01	-6.8378e-01
116	0.0000e+00	0.0000e+00	0.0000e+00	-1.1866e+00	2.1684e+00	6.2527e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.9361e-01	-4.1324e-01	7.4992e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.7483e-01	7.6468e-01	-7.4023e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.8832e-01	3.2970e-01	-8.7064e-01
115	0.0000e+00	0.0000e+00	0.0000e+00	-7.2457e-01	-2.7471e-01	6.6610e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-7.0058e-01	9.8159e-01	7.2455e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.4145e-01	-9.2808e-01	9.3940e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.9717e-01	6.8540e-01	8.4670e-01
114	0.0000e+00	0.0000e+00	0.0000e+00	-1.1410e+00	1.6214e+00	4.6453e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.2860e-01	1.1187e+00	-1.5497e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.4075e+00	-5.2217e+00	-1.0714e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7128e+00	-1.2030e+00	2.1434e+00
113	0.0000e+00	0.0000e+00	0.0000e+00	1.1479e+00	-6.3366e-01	3.8591e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.4734e-01	-4.3736e-01	2.9262e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.9386e-01	-2.5953e-01	4.2742e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.8842e-01	3.8081e-01	5.7480e-01
112	0.0000e+00	0.0000e+00	0.0000e+00	-7.7527e-01	-3.3182e-01	9.6227e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.9399e+00	-2.3053e+00	-1.0262e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3214e+00	-8.7862e-01	-8.5172e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1611e+00	-6.9058e-01	-3.5936e-01
111	0.0000e+00	0.0000e+00	0.0000e+00	1.0027e+00	9.5505e-01	6.1452e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4501e+00	-1.5280e+00	3.7924e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.2453e-01	-7.5390e-01	-5.1312e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.2870e-01	-8.6826e-01	2.3318e-01
110	0.0000e+00	0.0000e+00	0.0000e+00	-1.9582e+00	-1.6774e+00	-6.6234e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.4236e-01	-1.1002e+00	-2.4303e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.7341e-01	-8.4219e-01	1.8668e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.0224e-01	8.1916e-01	-4.5005e-01
109	0.0000e+00	0.0000e+00	0.0000e+00	7.6600e-01	-9.2698e-01	6.6975e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3286e+00	-1.5489e+00	2.5831e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.0640e-01	-6.5655e-01	-5.5546e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.6505e-01	-9.0847e-01	2.0440e-01
108	0.0000e+00	0.0000e+00	0.0000e+00	-2.1520e+00	-1.7919e+00	-7.4119e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4906e-01	-7.6870e-01	-3.8836e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.1006e-01	-4.3417e-01	-1.8518e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-6.7675e-01	5.1787e-01	-4.2173e-01
107	0.0000e+00	0.0000e+00	0.0000e+00	-1.0119e+00	-8.7296e-01	-1.7562e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9679e+00	5.3412e+00	1.3657e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2258e+00	6.0137e-01	4.5569e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.5059e-01	1.8230e+00	-3.3756e-01
106	0.0000e+00	0.0000e+00	0.0000e+00	1.4791e+00	5.2192e+00	8.0792e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.8999e-01	1.0241e+00	-1.3910e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.8486e-01	2.1257e+00	-3.4704e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2412e+00	-2.1211e-01	4.9654e-01
105	0.0000e+00	0.0000e+00	0.0000e+00	-4.7606e-01	-1.1356e+00	-5.9371e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2009e+00	1.4259e+00	-6.6302e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.0211e-01	1.0791e+00	7.8434e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.9878e-01	8.8726e-01	-3.8737e-01
104	0.0000e+00	0.0000e+00	0.0000e+00	2.1390e+00	1.5647e+00	9.8768e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.5759e-01	1.0843e+00	6.0070e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.0283e-01	1.2653e+00	-4.5200e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.7275e-01	-1.0567e+00	8.5854e-01
103	0.0000e+00	0.0000e+00	0.0000e+00	-1.0912e+00	-2.1145e+00	1.6714e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.4883e+00	-7.4262e+00	1.7879e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0681e+00	8.1560e-01	1.2237e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8873e+00	2.7283e+00	3.4617e-01
102	0.0000e+00	0.0000e+00	0.0000e+00	3.5774e+00	6.5076e+00	1.4519e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0663e+00	1.2258e+00	-2.1370e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.7645e-01	-2.7442e+00	-2.6761e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3437e+00	-1.1018e+00	1.6722e+00
101	0.0000e+00	0.0000e+00	0.0000e+00	-5.4574e-01	9.9263e-01	1.9948e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.0567e-01	1.0223e+00	1.6755e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.1638e-01	5.4354e-01	-1.2322e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.3287e-01	4.7035e-01	-2.1593e-01
100	0.0000e+00	0.0000e+00	0.0000e+00	1.2147e+00	-5.5701e-01	-2.3709e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-1.1346e+00	-7.2926e-01	-3.7750e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.0572e-01	-4.3224e-01	-4.6502e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0739e+00	-6.3890e-01	-3.0613e-01
99	0.0000e+00	0.0000e+00	0.0000e+00	5.0317e-01	-7.0573e-01	3.9491e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.4137e-01	-7.5569e-01	3.5986e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.9645e-01	-8.0849e-01	3.6588e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.4760e-01	-8.8240e-01	3.5532e-01
98	0.0000e+00	0.0000e+00	0.0000e+00	-4.3610e-01	-4.5156e-01	-1.7455e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.2255e-01	-3.6355e-01	-2.0684e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.2327e-01	5.0459e-01	2.3188e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.4583e-01	4.7830e-01	-1.2394e-01
97	0.0000e+00	0.0000e+00	0.0000e+00	-5.6402e-01	-9.5924e-01	2.3265e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.1438e-01	-8.8319e-01	3.2296e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.4000e-01	-8.6402e-01	2.8175e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.0844e-01	-8.7774e-01	2.4170e-01
96	0.0000e+00	0.0000e+00	0.0000e+00	-9.7724e-01	-6.4654e-01	1.9340e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2835e+00	-7.7132e-01	2.6453e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4881e+00	-8.1517e-01	1.6279e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2229e+00	-8.8481e-01	2.5756e-01
95	0.0000e+00	0.0000e+00	0.0000e+00	-4.9159e-01	1.0977e+00	7.4805e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1053e+00	-1.0542e+00	8.5905e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0316e+00	2.0562e+00	-5.8363e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.2089e-01	1.3841e+00	-3.2631e-01
94	0.0000e+00	0.0000e+00	0.0000e+00	-3.6836e-01	-7.8312e-01	-3.1873e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.9139e-01	-7.5476e-01	-3.0857e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.3061e-01	8.1763e-01	3.6329e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5443e-01	9.1032e-01	-4.1063e-01
93	0.0000e+00	0.0000e+00	0.0000e+00	4.0968e-01	-6.6284e-01	-1.2602e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4480e-01	-4.7558e-01	-1.7346e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.6248e-01	-5.3375e-01	-1.3216e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-3.7398e-01	-6.9296e-01	-2.2771e-01
92	0.0000e+00	0.0000e+00	0.0000e+00	-7.2499e-01	1.0703e+00	2.6809e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.8277e-01	1.2102e+00	-4.4231e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.5632e-01	-6.5667e-01	-3.1744e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.8872e-01	5.5525e-01	-1.3980e-01
91	0.0000e+00	0.0000e+00	0.0000e+00	-3.9847e-01	8.9997e-01	-5.6137e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.4405e-01	1.1528e+00	-4.5278e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.6633e-01	-9.5043e-01	-2.0052e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.7058e-01	-8.1360e-01	-2.9794e-01
90	0.0000e+00	0.0000e+00	0.0000e+00	-5.7797e-01	6.7969e-01	-4.7691e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.7235e-01	-7.3957e-01	-5.2678e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0694e+00	-7.1987e-01	-3.9215e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.6415e-01	-6.1858e-01	-3.8867e-01
89	0.0000e+00	0.0000e+00	0.0000e+00	-2.8875e-01	6.9642e-01	3.2149e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.5437e-01	-6.7641e-01	2.6792e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1701e-01	-6.6657e-01	-3.5727e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.7196e-01	8.0882e-01	-3.4716e-01
88	0.0000e+00	0.0000e+00	0.0000e+00	-5.9508e-01	-8.9329e-01	5.0835e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.3218e-01	-8.6896e-01	4.8353e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.8754e-01	-8.2571e-01	4.1893e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.7226e-01	-1.1270e+00	3.6012e-01
87	0.0000e+00	0.0000e+00	0.0000e+00	-1.6451e-01	-5.1705e-01	-1.3719e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.3410e-01	-3.9131e-01	-1.0718e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.9857e-01	-3.1223e-01	-2.1297e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.7718e-01	-3.3517e-01	-3.1251e-01
86	0.0000e+00	0.0000e+00	0.0000e+00	-4.9510e-01	-9.8504e-01	-4.2350e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.2353e-01	-1.0615e+00	5.2808e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.3821e-01	-1.6261e+00	5.5454e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.1257e-01	-1.5957e+00	3.3865e-01
85	0.0000e+00	0.0000e+00	0.0000e+00	-9.5637e-01	8.7458e-01	4.9137e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-1.0627e+00	9.1843e-01	3.1414e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6569e+00	1.6150e+00	5.8519e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2331e+00	-1.6980e+00	6.1850e-01
84	0.0000e+00	0.0000e+00	0.0000e+00	-9.2610e-01	-5.8965e-01	3.8317e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3981e+00	-6.8959e-01	-7.5822e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6863e+00	-2.3891e+00	-8.1740e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2991e+00	-2.1959e+00	-5.6080e-01
83	0.0000e+00	0.0000e+00	0.0000e+00	-9.6883e-03	4.1736e-03	2.8384e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.7994e-02	4.7085e-03	3.4185e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.9481e-02	2.1019e-02	5.1019e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-9.9274e-03	4.7650e-02	4.5866e-02
82	0.0000e+00	0.0000e+00	0.0000e+00	-6.4770e-02	4.3745e-03	3.8200e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.7298e-02	3.7590e-03	3.9576e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-7.5119e-02	2.4577e-02	4.6602e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.4315e-02	1.9704e-02	4.6210e-02
81	0.0000e+00	0.0000e+00	0.0000e+00	-6.6978e-02	5.6158e-03	4.1091e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.5318e-02	4.4154e-03	4.1296e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.7458e-02	2.8012e-02	4.4373e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-7.5036e-02	2.5447e-02	4.4483e-02
80	0.0000e+00	0.0000e+00	0.0000e+00	-5.0590e-02	5.7638e-03	4.1881e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.6970e-02	4.3044e-03	4.3454e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.9302e-02	2.6368e-02	4.6869e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.3163e-02	2.9260e-02	4.4875e-02
79	0.0000e+00	0.0000e+00	0.0000e+00	-3.1602e-02	5.1325e-03	4.3850e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1399e-02	3.7788e-03	4.5081e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.0513e-02	2.4019e-02	5.0122e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.4343e-02	2.7631e-02	4.8581e-02
78	0.0000e+00	0.0000e+00	0.0000e+00	-1.7235e-02	4.9253e-03	4.4749e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3208e-02	3.7782e-03	-4.2605e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8403e-02	2.6844e-02	-4.8631e-02

	0.0000e+00	0.0000e+00	0.0000e+00	-2.6705e-02	2.5189e-02	5.0971e-02
77	0.0000e+00	0.0000e+00	0.0000e+00	-1.2278e-02	5.9752e-03	-4.1274e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4139e-02	4.9062e-03	-3.4716e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0865e-02	3.4505e-02	-4.0659e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8561e-02	2.7884e-02	-4.7686e-02
76	0.0000e+00	0.0000e+00	0.0000e+00	-1.5139e-02	7.3762e-03	-3.3060e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6721e-02	7.0087e-03	-2.5892e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6680e-02	4.2964e-02	-3.1224e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3421e-02	3.5572e-02	-3.8779e-02
75	0.0000e+00	0.0000e+00	0.0000e+00	-1.5879e-02	9.0134e-03	-2.5735e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4414e-02	8.8204e-03	-2.7735e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4213e-02	4.4952e-02	-3.1279e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7014e-02	4.3720e-02	-2.9381e-02
74	0.0000e+00	0.0000e+00	0.0000e+00	-1.1905e-02	6.5796e-03	-2.9858e-02
	0.0000e+00	0.0000e+00	0.0000e+00	7.3794e-03	8.7847e-03	-3.9440e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.8432e-02	4.2389e-02	-4.3128e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0181e-02	4.3997e-02	-3.3994e-02
73	0.0000e+00	0.0000e+00	0.0000e+00	6.8471e-03	5.5911e-03	-4.2531e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.7854e-02	8.3764e-03	-5.3049e-02
	0.0000e+00	0.0000e+00	0.0000e+00	3.3111e-02	3.7897e-02	-5.6028e-02
	0.0000e+00	0.0000e+00	0.0000e+00	2.0440e-02	3.9582e-02	-4.5639e-02
72	0.0000e+00	0.0000e+00	0.0000e+00	2.5166e-02	4.6106e-03	5.5877e-02
	0.0000e+00	0.0000e+00	0.0000e+00	4.7261e-02	7.6708e-03	6.5744e-02
	0.0000e+00	0.0000e+00	0.0000e+00	6.2330e-02	3.2218e-02	6.8299e-02
	0.0000e+00	0.0000e+00	0.0000e+00	4.0611e-02	3.4435e-02	5.8318e-02
71	0.0000e+00	0.0000e+00	0.0000e+00	5.7176e-02	3.7902e-03	6.7903e-02
	0.0000e+00	0.0000e+00	0.0000e+00	8.4588e-02	6.5022e-03	7.5836e-02
	0.0000e+00	0.0000e+00	0.0000e+00	9.6005e-02	2.5507e-02	7.9183e-02
	0.0000e+00	0.0000e+00	0.0000e+00	7.2110e-02	2.8798e-02	7.0924e-02
70	0.0000e+00	0.0000e+00	0.0000e+00	9.3796e-02	3.5601e-03	7.6846e-02

	0.0000e+00	0.0000e+00	0.0000e+00	1.1651e-01	4.7027e-03	7.9889e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.1914e-01	2.2699e-02	8.6508e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.0497e-01	2.3185e-02	8.2955e-02
69	0.0000e+00	0.0000e+00	0.0000e+00	1.1818e-01	5.0932e-03	7.7916e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.1490e-01	6.9908e-03	7.2074e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.0454e-01	4.1758e-02	8.6160e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.2106e-01	2.3298e-02	9.1538e-02
68	0.0000e+00	0.0000e+00	0.0000e+00	1.0578e-01	1.1119e-02	6.5093e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.9092e-02	1.0545e-02	5.0697e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.7075e-02	1.0576e-01	7.9949e-02
	0.0000e+00	0.0000e+00	0.0000e+00	8.1323e-02	4.5814e-02	9.4214e-02
67	0.0000e+00	0.0000e+00	0.0000e+00	1.1294e-01	2.4595e-02	-9.7049e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.4772e-01	-1.5592e-02	-1.4914e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.3326e-02	8.5070e-02	-1.4953e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.7282e-02	7.5184e-02	-9.7888e-02
66	0.0000e+00	0.0000e+00	0.0000e+00	1.5286e-01	-2.1183e-02	-1.7064e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5157e-01	-1.7426e-02	-2.3803e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.4407e-02	1.0847e-01	-2.2878e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.8246e-02	8.4510e-02	-1.6203e-01
65	0.0000e+00	0.0000e+00	0.0000e+00	1.3705e-01	-2.6367e-02	-2.6635e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2505e-01	3.4344e-02	-3.4991e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.4488e-02	1.4948e-01	-3.2694e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.5722e-02	1.0936e-01	-2.4426e-01
64	0.0000e+00	0.0000e+00	0.0000e+00	-1.3106e-01	-3.5666e-02	-3.6061e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.4978e-01	-1.0571e-01	4.6328e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1929e-01	2.7992e-01	4.5487e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5737e-01	1.5042e-01	-3.4850e-01
63	0.0000e+00	0.0000e+00	0.0000e+00	3.8135e-01	-2.7974e-01	-4.1098e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.2183e-01	-3.4260e-01	-2.8237e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.9117e-01	-1.5632e-01	2.1634e-01

	0.0000e+00	0.0000e+00	0.0000e+00	2.5987e-01	-1.7445e-01	3.3944e-01
62	0.0000e+00	0.0000e+00	0.0000e+00	4.9199e-01	-3.4359e-01	-1.4537e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.8289e-01	-2.5490e-01	-7.1598e-02
	0.0000e+00	0.0000e+00	0.0000e+00	2.7655e-01	-1.5077e-01	1.3419e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.7859e-01	-1.7022e-01	2.1979e-01
61	0.0000e+00	0.0000e+00	0.0000e+00	4.4163e-01	-2.4678e-01	-8.4630e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5938e-01	-2.4897e-01	-1.5163e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1179e-01	-9.9179e-02	1.5347e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.3740e-01	-1.7080e-01	1.2526e-01
60	0.0000e+00	0.0000e+00	0.0000e+00	-3.1597e-01	-2.4362e-01	2.4682e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0038e-01	-2.2536e-01	3.2087e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3981e-01	-1.1507e-01	2.0096e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6859e-01	-1.1728e-01	1.2345e-01
59	0.0000e+00	0.0000e+00	0.0000e+00	1.9555e-01	-2.4836e-01	3.0496e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.9208e-01	-3.8666e-01	2.6314e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4958e-01	-1.9853e-01	1.4759e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5421e-01	-1.6727e-01	1.7436e-01
58	0.0000e+00	0.0000e+00	0.0000e+00	2.9783e-01	-4.1008e-01	1.6433e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.2529e-01	-4.7515e-01	-7.7951e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.9454e-01	-2.5524e-01	-8.6768e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.9825e-01	-2.7465e-01	1.3202e-01
57	0.0000e+00	0.0000e+00	0.0000e+00	2.9738e-01	-5.0153e-01	-1.2446e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.6312e-01	-3.9355e-01	-2.3597e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.9606e-01	-2.3247e-01	-1.8741e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1242e-01	-2.8767e-01	-6.9924e-02
56	0.0000e+00	0.0000e+00	0.0000e+00	-2.9440e-01	-3.8228e-01	-3.7477e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.9470e-01	-3.2757e-01	-3.9940e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8010e-01	-1.1440e-01	2.2114e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9340e-01	-1.7760e-01	-1.6475e-01
55	0.0000e+00	0.0000e+00	0.0000e+00	-1.9336e-01	-3.2362e-01	3.4532e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-3.3778e-01	-5.0648e-01	2.3237e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6683e-01	-1.8186e-01	1.2701e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7851e-01	-1.5829e-01	2.3151e-01
54	0.0000e+00	0.0000e+00	0.0000e+00	2.2059e-01	-5.0952e-01	9.9342e-02
	0.0000e+00	0.0000e+00	0.0000e+00	2.3040e-01	-3.7682e-01	-7.7769e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4203e-01	-2.1251e-01	-1.1628e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6046e-01	-1.8418e-01	1.6536e-01
53	0.0000e+00	0.0000e+00	0.0000e+00	2.3333e-01	-3.6648e-01	-1.3213e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3656e-01	-2.2734e-01	-2.0278e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1613e-01	-1.7288e-01	-1.8295e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2884e-01	-1.7101e-01	1.1898e-01
52	0.0000e+00	0.0000e+00	0.0000e+00	-1.5736e-01	-2.2379e-01	-3.0214e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0741e-01	-3.1513e-01	-3.2465e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3086e-01	-1.9953e-01	1.9240e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1775e-01	-1.6060e-01	-1.5895e-01
51	0.0000e+00	0.0000e+00	0.0000e+00	-1.9757e-01	-3.2843e-01	2.8680e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.9421e-01	-5.1115e-01	1.8547e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0943e-01	-3.1528e-01	8.9501e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0151e-01	-2.6345e-01	1.8181e-01
50	0.0000e+00	0.0000e+00	0.0000e+00	-3.4903e-01	-5.3279e-01	7.3766e-02
	0.0000e+00	0.0000e+00	0.0000e+00	3.7075e-01	-4.9963e-01	1.0687e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4997e-01	-3.3597e-01	1.1214e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3875e-01	-3.3837e-01	1.0589e-01
49	0.0000e+00	0.0000e+00	0.0000e+00	-3.9389e-01	-4.8734e-01	2.0786e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7589e-01	-3.3317e-01	3.1448e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2515e-01	-3.0194e-01	2.2323e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3947e-01	-3.2242e-01	1.1760e-01
48	0.0000e+00	0.0000e+00	0.0000e+00	2.1905e-01	-3.5697e-01	3.3744e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.9289e-02	-5.2752e-01	3.4284e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.0773e-02	-1.7983e-01	2.4320e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-1.2700e-01	-2.7336e-01	2.3536e-01
47	0.0000e+00	0.0000e+00	0.0000e+00	-1.7315e-01	3.6724e-02	-2.3563e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.1710e-02	-2.7787e-02	-1.7020e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2029e-01	-8.9084e-02	-1.4775e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2038e-01	-1.2750e-01	-2.1272e-01
46	0.0000e+00	0.0000e+00	0.0000e+00	-7.2182e-02	-1.9357e-02	-1.5111e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.4877e-02	-1.7565e-02	-1.0452e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.7150e-02	-6.0075e-02	-9.1902e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0387e-01	-8.8288e-02	-1.3729e-01
45	0.0000e+00	0.0000e+00	0.0000e+00	5.3458e-02	-1.3197e-02	-9.0177e-02
	0.0000e+00	0.0000e+00	0.0000e+00	4.6347e-02	-1.4857e-02	-5.7039e-02
	0.0000e+00	0.0000e+00	0.0000e+00	2.8505e-02	-4.6162e-02	-5.2762e-02
	0.0000e+00	0.0000e+00	0.0000e+00	4.8756e-02	-6.0632e-02	-8.4930e-02
44	0.0000e+00	0.0000e+00	0.0000e+00	-6.6611e-02	4.0665e-02	4.8005e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.3789e-02	3.8371e-02	5.1049e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-7.1418e-02	6.6859e-02	6.2016e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-8.6861e-02	7.4474e-02	5.7628e-02
43	0.0000e+00	0.0000e+00	0.0000e+00	-4.6100e-02	3.7455e-02	5.0952e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5396e-02	3.3647e-02	5.5138e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.8635e-02	5.5395e-02	7.0810e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.4797e-02	6.6506e-02	6.5558e-02
42	0.0000e+00	0.0000e+00	0.0000e+00	-2.7570e-02	3.3669e-02	5.4154e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2507e-02	3.4056e-02	-5.4289e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4324e-02	5.2238e-02	-7.2535e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.2489e-02	5.4973e-02	7.2264e-02
41	0.0000e+00	0.0000e+00	0.0000e+00	-2.1002e-02	3.6664e-02	5.2363e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4138e-02	4.2313e-02	-4.6760e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.0461e-02	6.1005e-02	-6.5630e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4255e-02	5.2208e-02	7.1838e-02
40	0.0000e+00	0.0000e+00	0.0000e+00	-2.7768e-02	4.5353e-02	-4.5738e-02

	0.0000e+00	0.0000e+00	0.0000e+00	-3.1465e-02	5.2409e-02	-3.7174e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.4420e-02	7.9088e-02	-5.5868e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.5421e-02	5.9612e-02	-6.6053e-02
39	0.0000e+00	0.0000e+00	0.0000e+00	-3.3046e-02	6.2675e-02	-3.3895e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.9725e-02	6.0017e-02	-3.5878e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.9119e-02	9.0263e-02	-4.9388e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.1372e-02	8.4732e-02	-4.6737e-02
38	0.0000e+00	0.0000e+00	0.0000e+00	2.2396e-02	5.5828e-02	-3.9786e-02
	0.0000e+00	0.0000e+00	0.0000e+00	2.3635e-02	5.7985e-02	-4.7595e-02
	0.0000e+00	0.0000e+00	0.0000e+00	4.2657e-02	8.8385e-02	-5.9199e-02
	0.0000e+00	0.0000e+00	0.0000e+00	4.5643e-02	9.1639e-02	-5.1295e-02
37	0.0000e+00	0.0000e+00	0.0000e+00	2.3060e-02	5.2918e-02	-5.1656e-02
	0.0000e+00	0.0000e+00	0.0000e+00	3.8056e-02	5.2570e-02	-6.0836e-02
	0.0000e+00	0.0000e+00	0.0000e+00	5.6479e-02	7.9209e-02	-7.2159e-02
	0.0000e+00	0.0000e+00	0.0000e+00	4.4222e-02	8.5324e-02	-6.2694e-02
36	0.0000e+00	0.0000e+00	0.0000e+00	4.3590e-02	4.6747e-02	6.4593e-02
	0.0000e+00	0.0000e+00	0.0000e+00	6.7888e-02	4.5110e-02	7.4118e-02
	0.0000e+00	0.0000e+00	0.0000e+00	8.6560e-02	6.7806e-02	8.5126e-02
	0.0000e+00	0.0000e+00	0.0000e+00	6.2881e-02	7.4493e-02	7.5612e-02
35	0.0000e+00	0.0000e+00	0.0000e+00	7.4462e-02	3.9010e-02	7.7053e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.0277e-01	3.5966e-02	8.7122e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.1994e-01	5.6310e-02	1.0001e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.3975e-02	6.2627e-02	8.9878e-02
34	0.0000e+00	0.0000e+00	0.0000e+00	1.0499e-01	3.0952e-02	8.8622e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.2697e-01	3.0446e-02	9.7755e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.3825e-01	5.0588e-02	1.1846e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2367e-01	5.2230e-02	1.0865e-01
33	0.0000e+00	0.0000e+00	0.0000e+00	1.1683e-01	3.3794e-02	9.6257e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.1326e-01	5.4402e-02	1.0150e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1463e-01	8.0464e-02	1.3758e-01

	0.0000e+00	0.0000e+00	0.0000e+00	1.3163e-01	5.3134e-02	1.3149e-01
32	0.0000e+00	0.0000e+00	0.0000e+00	8.4801e-02	1.1891e-01	-1.6419e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.9661e-02	1.3934e-01	-2.1162e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.0691e-02	1.6286e-01	-1.8784e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.9381e-02	1.3164e-01	-1.4165e-01
31	0.0000e+00	0.0000e+00	0.0000e+00	6.0192e-02	1.5478e-01	-2.4824e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.4363e-02	2.0813e-01	-2.9869e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.3927e-02	2.4654e-01	-2.3890e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.9443e-02	1.7948e-01	-1.9167e-01
30	0.0000e+00	0.0000e+00	0.0000e+00	2.6110e-01	-1.1399e-01	1.8698e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.3744e-01	-1.0729e-01	1.4634e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8176e-01	8.2705e-02	1.4444e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.9708e-01	7.1438e-02	1.8419e-01
29	0.0000e+00	0.0000e+00	0.0000e+00	2.2660e-01	-1.1252e-01	1.3815e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8175e-01	-8.0419e-02	1.4022e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4503e-01	8.4975e-02	1.2830e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7282e-01	8.5519e-02	1.3719e-01
28	0.0000e+00	0.0000e+00	0.0000e+00	1.6034e-01	-8.4409e-02	1.5411e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2745e-01	-9.5835e-02	1.6010e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0395e-01	9.5923e-02	1.2007e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3065e-01	8.5177e-02	1.1663e-01
27	0.0000e+00	0.0000e+00	0.0000e+00	1.1919e-01	-1.0949e-01	1.5360e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3560e-01	-1.7212e-01	1.3494e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.9348e-02	-1.2528e-01	9.8490e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.0439e-01	1.0957e-01	1.0810e-01
26	0.0000e+00	0.0000e+00	0.0000e+00	1.4624e-01	-1.8712e-01	1.0900e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6049e-01	-2.1143e-01	-9.3605e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.0359e-01	-1.3870e-01	-8.3217e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.0167e-01	-1.4339e-01	8.9627e-02
25	0.0000e+00	0.0000e+00	0.0000e+00	1.7858e-01	-2.2680e-01	-8.9664e-02

	0.0000e+00	0.0000e+00	0.0000e+00	1.7113e-01	-1.7974e-01	-1.2386e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2903e-01	-1.4247e-01	-1.0091e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0813e-01	-1.4565e-01	-7.4429e-02
24	0.0000e+00	0.0000e+00	0.0000e+00	-1.6723e-01	-1.3195e-01	-1.8568e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3890e-01	-8.5680e-02	-1.8434e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1750e-01	4.6900e-02	-1.2444e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1443e-01	-7.4550e-02	-1.0344e-01
23	0.0000e+00	0.0000e+00	0.0000e+00	-1.5096e-01	-8.2999e-02	-1.7460e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3836e-01	-1.3303e-01	-1.5302e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.5884e-02	4.8379e-02	-1.0773e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1185e-01	-4.3400e-02	-1.2261e-01
22	0.0000e+00	0.0000e+00	0.0000e+00	-1.3303e-01	-1.3229e-01	1.3828e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1528e-01	-1.4039e-01	-1.3217e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.6757e-02	7.2427e-02	-1.1435e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.1254e-02	5.5526e-02	1.1932e-01
21	0.0000e+00	0.0000e+00	0.0000e+00	-1.1138e-01	-1.3711e-01	-1.4474e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.5749e-02	-1.3375e-01	-1.5179e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.7236e-02	9.4292e-02	-1.2198e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.1653e-02	7.5949e-02	1.1869e-01
20	0.0000e+00	0.0000e+00	0.0000e+00	-1.0525e-01	-1.3794e-01	1.6970e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3071e-01	-1.9695e-01	1.5759e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0047e-01	1.2993e-01	1.0896e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.5247e-02	1.0595e-01	1.1913e-01
19	0.0000e+00	0.0000e+00	0.0000e+00	-1.6472e-01	-2.0405e-01	1.4264e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9486e-01	-2.6888e-01	1.0453e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3581e-01	-1.6820e-01	7.9442e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2429e-01	1.5513e-01	1.0787e-01
18	0.0000e+00	0.0000e+00	0.0000e+00	-2.0892e-01	-2.7352e-01	8.5902e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2173e-01	-2.7624e-01	1.0020e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5571e-01	-1.7549e-01	9.5538e-02

	0.0000e+00	0.0000e+00	0.0000e+00	-1.4797e-01	-1.8060e-01	8.2689e-02
17	0.0000e+00	0.0000e+00	0.0000e+00	-2.1639e-01	-2.6987e-01	1.3376e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8865e-01	-2.1462e-01	1.9077e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3278e-01	-1.4687e-01	1.4952e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4952e-01	-1.7033e-01	9.7795e-02
16	0.0000e+00	0.0000e+00	0.0000e+00	-1.0666e-01	-1.1750e-01	-1.2353e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.8321e-02	-8.9734e-02	-9.3628e-02
	0.0000e+00	0.0000e+00	0.0000e+00	8.3091e-02	-9.9219e-02	-7.0319e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3936e-01	-1.3752e-01	-9.7285e-02
15	0.0000e+00	0.0000e+00	0.0000e+00	4.8817e-02	-8.0656e-02	-7.7397e-02
	0.0000e+00	0.0000e+00	0.0000e+00	2.9276e-02	-7.0183e-02	-5.6133e-02
	0.0000e+00	0.0000e+00	0.0000e+00	3.3679e-02	-7.4277e-02	-4.8483e-02
	0.0000e+00	0.0000e+00	0.0000e+00	6.5280e-02	-9.3539e-02	-6.7789e-02
14	0.0000e+00	0.0000e+00	0.0000e+00	-7.9850e-02	3.6806e-02	5.0724e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.9850e-02	3.9822e-02	4.7457e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-8.9937e-02	7.3178e-02	5.7261e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-9.7550e-02	6.8577e-02	6.1379e-02
13	0.0000e+00	0.0000e+00	0.0000e+00	-6.8248e-02	7.7992e-02	7.0646e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.5995e-02	6.7060e-02	8.0086e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-7.4561e-02	8.7473e-02	1.0789e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.5909e-02	1.1761e-01	9.6832e-02
12	0.0000e+00	0.0000e+00	0.0000e+00	-5.5120e-02	6.1195e-02	-7.2435e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.2109e-02	8.0153e-02	-6.9790e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-8.8094e-02	4.5252e-02	-1.0500e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.0643e-02	4.9946e-02	-1.0145e-01
11	0.0000e+00	0.0000e+00	0.0000e+00	-6.5972e-02	1.0559e-01	-5.2111e-02
	0.0000e+00	0.0000e+00	0.0000e+00	6.5150e-02	1.0711e-01	-4.8105e-02
	0.0000e+00	0.0000e+00	0.0000e+00	9.2528e-02	1.2485e-01	-7.2219e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-9.7180e-02	9.5819e-02	-8.5753e-02
10	0.0000e+00	0.0000e+00	0.0000e+00	5.2001e-02	9.9990e-02	-5.8835e-02

	0.0000e+00	0.0000e+00	0.0000e+00	5.2979e-02	1.0326e-01	-6.4771e-02
	0.0000e+00	0.0000e+00	0.0000e+00	8.0533e-02	1.2070e-01	-8.2497e-02
	0.0000e+00	0.0000e+00	0.0000e+00	8.3969e-02	1.2237e-01	-7.6108e-02
9	0.0000e+00	0.0000e+00	0.0000e+00	4.9738e-02	9.6118e-02	-7.1170e-02
	0.0000e+00	0.0000e+00	0.0000e+00	6.5389e-02	9.1924e-02	7.8965e-02
	0.0000e+00	0.0000e+00	0.0000e+00	8.8224e-02	9.9262e-02	1.0000e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.8237e-02	1.1606e-01	-8.9967e-02
8	0.0000e+00	0.0000e+00	0.0000e+00	6.9393e-02	8.4249e-02	8.5099e-02
	0.0000e+00	0.0000e+00	0.0000e+00	9.4610e-02	7.8257e-02	9.3284e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.2201e-01	8.3585e-02	1.1263e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.1718e-02	9.3608e-02	1.0521e-01
7	0.0000e+00	0.0000e+00	0.0000e+00	1.0207e-01	7.1797e-02	9.8848e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.2935e-01	6.6064e-02	1.1246e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6297e-01	7.7298e-02	1.2799e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2671e-01	7.8602e-02	1.1639e-01
6	0.0000e+00	0.0000e+00	0.0000e+00	1.3153e-01	5.9949e-02	1.1650e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4940e-01	5.6262e-02	1.3792e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8273e-01	6.2637e-02	1.6169e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6143e-01	7.2020e-02	1.3983e-01
5	0.0000e+00	0.0000e+00	0.0000e+00	-7.2691e-02	5.3066e-02	-1.0449e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.3635e-02	6.3143e-02	-1.0583e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.0847e-02	5.6789e-02	-7.9285e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.8181e-02	6.0367e-02	-7.6734e-02
4	0.0000e+00	0.0000e+00	0.0000e+00	-6.1905e-02	6.5350e-02	1.0989e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.7309e-02	8.3628e-02	1.0689e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.6678e-02	6.2579e-02	7.9281e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.0431e-02	5.6655e-02	8.2139e-02
3	0.0000e+00	0.0000e+00	0.0000e+00	-1.0639e-01	1.2182e-01	8.9660e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2779e-01	1.4494e-01	7.7104e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-9.2097e-02	9.0718e-02	6.2189e-02

	0.0000e+00	0.0000e+00	0.0000e+00	-8.0420e-02	8.5186e-02	7.0837e-02
2	0.0000e+00	0.0000e+00	0.0000e+00	-1.3163e-01	1.4568e-01	7.4477e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4196e-01	-1.4371e-01	8.4118e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0503e-01	8.7383e-02	7.1701e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-9.7743e-02	9.3139e-02	6.2549e-02
1	0.0000e+00	0.0000e+00	0.0000e+00	4.5134e-02	-1.0396e-01	9.8823e-02
	0.0000e+00	0.0000e+00	0.0000e+00	5.9624e-02	8.0382e-02	7.7382e-02
	0.0000e+00	0.0000e+00	0.0000e+00	4.3341e-02	-9.5230e-02	1.3257e-01

2.10.7 Condizione "(1) Peso proprio"

Elemento	Nx (kg)	Ny (kg)	Nxy (kg)	Mx (kgxcm)	My (kgxcm)	Mxy (kgxcm)
340	-5.3756e-02	-1.3346e-02	8.4435e-02	1.4235e+00	2.0407e+01	5.8199e+01
	-8.6398e-02	8.2340e-01	-8.2805e-02	7.2355e+01	1.6816e+02	3.9637e+01
	-9.8442e-02	7.8855e-01	1.3251e-01	-3.0009e+00	-1.2045e+02	8.1632e+01
	-1.3108e-01	-5.9216e-02	3.7028e-01	-2.6799e+00	-3.1811e+01	1.1578e+02
339	1.5109e+00	-1.3400e-01	-6.3575e-02	2.2322e+01	-2.4416e+01	-9.0938e+01
	1.5109e+00	-1.1703e-01	8.7245e-02	-4.4903e+01	-9.9055e+00	-9.1007e+01
	0.0000e+00	-1.6028e-01	-2.2453e-01	-1.1088e+01	-3.1886e+01	-9.0344e+01
	0.0000e+00	-1.5562e-01	-2.5278e-01	2.4912e+00	-1.4635e+01	-9.5019e+01
338	1.7965e+00	-1.4851e-01	8.5099e-02	-8.7895e+00	-1.9506e+01	-7.2593e+01
	1.7965e+00	-1.4532e-01	1.7225e-01	-1.9759e+01	-6.7641e+00	-5.7782e+01
	0.0000e+00	-7.4866e-02	-1.9261e-01	-8.1354e+00	-1.6132e+01	-5.2101e+01
	0.0000e+00	-1.0153e-01	-1.3402e-01	1.2257e+00	-3.3927e+01	-6.8362e+01
337	1.6526e+00	-1.6961e-01	1.1226e-01	-8.1043e+00	-1.6457e+01	-3.9720e+01
	1.6526e+00	-1.7410e-01	2.4458e-01	-1.5253e+01	-9.9028e+00	-2.7495e+01
	0.0000e+00	4.4621e-02	-1.2318e-01	-7.5107e+00	-1.1091e+01	-2.4993e+01
	0.0000e+00	-5.5733e-03	-1.2143e-01	2.4059e+00	-2.8071e+01	-3.6565e+01
336	1.2184e+00	-1.8157e-01	9.7948e-02	-4.3169e+00	-1.1511e+01	-1.3506e+01
	1.2184e+00	-1.5956e-01	2.5418e-01	-2.7522e+00	-5.3028e+00	-7.1398e+00
	-1.0131e-15	1.8441e-01	-2.8047e-02	-2.1191e+00	-1.8119e+00	-3.9324e+00
	-1.0435e-15	9.3610e-02	-8.5436e-02	1.4937e+00	-1.8654e+01	-8.2011e+00

335	8.1753e-01	-1.4738e-01	9.9073e-02	1.4340e-01	-1.7371e+00	-2.6497e+00
	8.1753e-01	-1.7254e-01	1.4147e-01	2.2201e+00	5.0970e-01	-1.4912e+00
	-5.6726e-16	1.8434e-01	-6.0538e-02	9.2042e-01	2.6539e+00	6.1474e-01
	-5.7220e-16	1.5658e-01	-4.5201e-02	6.1308e-01	-6.2616e+00	1.0058e+00
334	6.0017e-01	-1.0972e-01	-2.3422e-02	-2.5478e+00	-3.5772e-01	-6.1877e-01
	6.0017e-01	-7.6437e-02	-9.3983e-02	-2.2266e-01	-4.4026e-01	-5.2884e-01
	0.0000e+00	-3.0432e-02	7.3181e-02	-4.0097e-02	1.0113e+00	3.9724e-01
	0.0000e+00	-5.4038e-02	1.8613e-01	-9.8945e-01	-9.8975e-01	-1.9843e-01
333	4.5150e-01	-8.3630e-02	-3.8729e-02	2.4032e-01	9.8807e-01	-8.0322e-01
	4.5150e-01	-8.2990e-02	-2.7705e-02	8.2257e-01	2.5420e+00	-1.9168e+00
	-3.3862e-17	-2.2478e-02	3.4857e-02	-7.7937e-02	3.2442e+00	-8.8964e-01
	-3.7221e-17	-6.9904e-03	5.5720e-02	1.6826e-01	2.1411e-01	2.4892e-02
332	4.8636e-01	-8.7596e-02	-3.2596e-02	5.3221e+00	1.9554e+00	-4.3040e+00
	4.8636e-01	-6.6683e-02	-3.5417e-02	-6.5703e-01	1.7869e+00	-4.8598e+00
	4.0107e-17	2.1631e-03	-2.9430e-02	-2.0664e-01	2.1045e-01	-6.3247e+00
	3.4122e-17	6.2651e-03	7.7404e-03	1.8297e+00	3.2810e+00	-5.1171e+00
331	7.1964e-01	-6.8114e-02	-7.8920e-02	3.4595e+00	3.8170e-01	-6.2070e+00
	7.1964e-01	-7.9177e-02	-1.2609e-02	-3.5188e+00	-6.5014e-01	-4.0042e+00
	0.0000e+00	-2.2746e-02	-3.7557e-02	-2.0918e-01	-6.1703e+00	-6.1356e+00
	0.0000e+00	2.0523e-02	-5.3043e-02	8.0381e-01	6.2764e-01	-7.8182e+00
330	1.0113e+00	-8.2484e-02	-4.2021e-02	-1.1093e+00	2.2545e-01	-2.8618e+00
	1.0113e+00	-7.3252e-02	-1.5904e-02	-5.6812e+00	1.6958e-01	2.4372e+00
	0.0000e+00	-4.5651e-02	-9.2066e-02	-5.0216e-01	-1.0319e+01	1.3962e+00
	0.0000e+00	-1.8190e-02	-4.6760e-02	-7.9689e-01	-4.4606e+00	-4.1518e+00
329	1.3525e+00	-6.9946e-02	-4.9591e-02	7.8858e-01	6.0741e-01	5.6112e+00
	1.3525e+00	-8.5614e-02	1.8062e-02	-1.5553e+01	7.5474e-01	1.5796e+01
	0.0000e+00	-9.3214e-02	-1.1418e-01	-3.3896e+00	-1.9830e+01	1.3521e+01
	0.0000e+00	-4.6875e-02	-8.6309e-02	1.2819e-02	-9.1536e+00	2.2191e+00
328	1.6317e+00	-8.6854e-02	5.2358e-03	-2.4782e+00	-1.4107e+00	2.1849e+01
	1.6317e+00	-9.8208e-02	9.6224e-03	-2.0194e+01	1.5816e-01	3.9315e+01

	0.0000e+00	-1.0093e-01	-6.3658e-02	-4.1367e+00	-3.1140e+01	3.7138e+01
	0.0000e+00	-9.0485e-02	-7.5184e-02	1.0808e-01	-2.2245e+01	1.9653e+01
327	1.7068e+00	-9.9063e-02	-5.6852e-03	-1.1183e+01	-2.7531e+00	4.9082e+01
	1.7068e+00	-1.0761e-01	1.6409e-02	-1.6802e+01	-3.2517e+00	7.1279e+01
	0.0000e+00	-1.0659e-01	3.0677e-02	-3.6732e+00	-4.0993e+01	6.9197e+01
	0.0000e+00	-9.7530e-02	1.1161e-03	-1.0468e+00	-3.4729e+01	4.7125e+01
326	1.3721e+00	-1.0844e-01	-1.0278e-02	-3.7845e+01	-7.6405e+00	8.2466e+01
	1.3721e+00	-1.1307e-01	1.0566e-01	2.7867e+01	-1.1356e+01	9.1770e+01
	0.0000e+00	-1.1098e-01	2.1929e-01	3.9368e+00	-2.8921e+01	9.4453e+01
	0.0000e+00	-1.0425e-01	9.7347e-02	-4.8311e+00	-4.3796e+01	8.5428e+01
325	7.2909e-01	-1.1400e-01	5.0101e-02	-1.0066e+02	-1.6178e+01	8.2895e+01
	7.2909e-01	-6.4959e-02	-1.7864e-01	1.7141e+02	6.7474e+01	3.2277e+01
	0.0000e+00	-6.4959e-02	9.1513e-02	2.8562e+01	-6.5702e+00	5.8168e+01
	0.0000e+00	-1.0927e-01	3.1707e-01	-1.1473e+01	-2.1616e+01	1.0872e+02
324	0.0000e+00	-1.0984e-01	2.2047e-01	1.1396e-01	-5.8897e-01	-2.7098e+00
	0.0000e+00	2.2273e-02	-1.4561e-01	1.2871e-01	-7.3565e-01	-2.0663e+00
	4.1482e-01	-4.9022e-02	1.4521e-02	4.8534e-01	5.7706e-01	-2.4967e+00
323	-8.3817e-02	8.8994e-01	-5.8797e-02	-7.4373e+01	-1.4562e+02	4.2501e+01
	-3.4269e-02	-3.0690e-02	-7.5056e-02	-1.7206e+01	-9.2554e+00	4.6880e+01
	-1.2559e-01	-1.9224e-01	-4.6057e-01	-2.0453e+01	5.8387e+01	1.1071e+02
	-7.6042e-02	8.1350e-01	-2.3573e-01	-2.1908e+01	1.3066e+02	6.4415e+01
322	0.0000e+00	-1.8253e-01	2.7624e-01	1.5291e+00	-1.0729e+01	-9.5386e+01
	0.0000e+00	-1.3665e-01	4.1132e-01	1.4017e+01	3.6729e+01	-9.0583e+01
	1.5236e+00	-1.6376e-01	-2.2806e-01	4.1232e+01	3.5219e+01	-8.0513e+01
	1.5236e+00	-1.9608e-01	-3.5565e-02	-1.4957e+00	3.8563e+01	-7.6491e+01
321	-1.5304e-15	4.4312e-02	3.0611e-01	-2.1183e+00	2.0113e+01	-5.6826e+01
	-1.5657e-15	1.6516e-01	4.0596e-01	1.5418e+01	5.7069e+01	-5.3385e+01
	1.6567e+00	-3.0228e-01	-3.9988e-01	2.8176e+01	4.6778e+01	-2.9311e+01
	1.6567e+00	-2.8884e-01	-2.1258e-01	1.2265e+01	2.2585e+01	-3.8140e+01
320	0.0000e+00	-1.3878e-01	-3.1930e-01	1.0396e+01	2.9257e+01	9.7981e+00

	0.0000e+00	-8.8653e-02	-6.8612e-02	2.1403e+00	4.0191e+01	3.7097e+01
	1.5096e+00	-8.8653e-02	-1.0654e-02	1.6036e+01	4.0370e+00	3.3522e+01
	1.5096e+00	-9.8600e-02	3.3400e-04	2.7306e+01	8.6539e+00	1.2809e+01
319	0.0000e+00	-8.8653e-02	-1.2006e-01	3.7395e+00	3.8732e+01	4.7142e+01
	0.0000e+00	1.1642e-02	-1.0771e-01	6.2570e+00	1.9727e+01	7.1314e+01
	9.4230e-01	-7.2585e-02	-1.5499e-01	1.4382e+01	2.0065e+00	6.4882e+01
	9.4230e-01	-8.8653e-02	-8.7454e-04	2.0835e+01	1.1504e+00	4.6258e+01
318	0.0000e+00	1.1355e-02	-1.0730e-01	-2.0318e+00	3.1119e+01	8.1376e+01
	0.0000e+00	1.0101e-01	-1.5482e-01	5.6062e+00	1.2462e+01	9.2892e+01
	2.6337e-01	-6.6089e-02	-1.2965e-01	5.7871e+00	8.5129e+00	9.0220e+01
	2.6337e-01	-7.2195e-02	-3.5600e-02	1.1709e+01	1.1561e+01	7.7899e+01
317	0.0000e+00	4.3896e-02	-1.1441e-01	-2.0668e+00	1.8027e+01	1.0431e+02
	0.0000e+00	7.7333e-02	-2.4353e-01	2.0561e+00	1.5772e+01	1.0820e+02
	-3.2073e-01	-4.2416e-02	-1.7059e-02	-2.7604e+01	-1.3010e+01	1.0198e+02
	-3.2073e-01	-3.5937e-02	5.5398e-02	1.3085e+01	1.5116e+01	9.7239e+01
316	0.0000e+00	-1.7545e-01	-1.1226e-01	-3.0965e+00	-1.7330e+01	1.0469e+02
	0.0000e+00	-3.0108e-01	1.4525e-01	-1.5541e+01	-3.0502e+01	5.3851e+01
	-4.2186e-01	-3.0108e-01	3.8276e-01	-8.8092e+01	-5.1388e+01	4.1875e+01
	-4.2186e-01	2.4055e-02	3.6663e-02	3.0960e+01	7.6987e+00	8.2635e+01
315	0.0000e+00	2.0024e-02	4.6610e-01	-1.0605e+00	1.6009e+01	-8.4038e+00
	0.0000e+00	-1.1817e-01	-2.8957e-01	-7.7307e-02	4.9428e+01	-1.1478e+01
	9.7297e-01	-8.7330e-02	-7.6435e-02	-2.2756e+00	-2.1910e+00	1.0723e+01
314	-4.6153e-16	-3.1805e-02	-1.9205e-01	-6.3986e-02	1.6416e+01	1.1393e+02
	-4.3790e-16	-1.0279e-01	-2.5747e-02	-9.4727e-01	-4.3442e+01	1.1197e+02
	-2.2473e-01	-8.2643e-02	-4.8961e-02	-2.0225e+00	2.2311e+01	7.2083e+01
313	-8.5249e-02	8.6803e-01	-5.8325e-02	7.6801e+01	1.4846e+02	-4.5476e+01
	-3.9153e-02	-2.7949e-02	-6.9207e-02	1.6933e+01	8.7039e+00	-4.9471e+01
	-1.1679e-01	-1.8201e-01	-4.3583e-01	2.2182e+01	-6.0040e+01	-1.1485e+02
	-7.0698e-02	7.9680e-01	-2.2241e-01	2.3280e+01	-1.3427e+02	-6.8139e+01
312	0.0000e+00	-1.7406e-01	2.6567e-01	-1.5999e+00	1.1611e+01	1.0019e+02

	0.0000e+00	-1.3978e-01	4.0478e-01	-1.4123e+01	-3.7039e+01	9.5661e+01
	1.4726e+00	-1.6195e-01	-2.1557e-01	-4.2558e+01	-3.6429e+01	8.5087e+01
	1.4726e+00	-1.8514e-01	-3.8060e-02	2.1818e+00	-3.8772e+01	8.0686e+01
311	-1.4914e-15	3.9298e-02	3.0066e-01	2.4017e+00	-2.0803e+01	6.1895e+01
	-1.5234e-15	1.5166e-01	4.0672e-01	-1.7134e+01	-6.4573e+01	5.8414e+01
	1.6306e+00	-3.0351e-01	-3.8844e-01	-3.0074e+01	-5.0891e+01	3.0849e+01
	1.6306e+00	-2.8510e-01	-2.1187e-01	-1.3653e+01	-2.3017e+01	4.0249e+01
310	0.0000e+00	-1.4064e-01	-3.1454e-01	-1.2303e+01	-3.2089e+01	-1.3865e+01
	0.0000e+00	-8.3759e-02	-7.6128e-02	-6.7241e-01	-3.4873e+01	-4.0055e+01
	1.4875e+00	-8.3759e-02	-1.9416e-02	-1.0710e+01	-4.8455e+00	-3.3755e+01
	1.4875e+00	-1.0131e-01	6.7457e-06	-3.3269e+01	-9.9244e+00	-1.4310e+01
309	0.0000e+00	-8.3759e-02	-1.1570e-01	-3.4864e+00	-3.2463e+01	-4.7121e+01
	0.0000e+00	2.1756e-02	-1.0189e-01	-4.5132e+00	-1.4621e+01	-6.7182e+01
	8.8173e-01	-4.5494e-02	-1.6250e-01	-9.6385e+00	-1.2776e-01	-6.1221e+01
	8.8173e-01	-8.3759e-02	-2.0536e-02	-1.8815e+01	5.7848e-01	-4.5650e+01
308	0.0000e+00	5.5912e-03	-7.9016e-02	2.6530e+00	-2.5677e+01	-7.2755e+01
	0.0000e+00	3.6861e-02	-1.3201e-01	-8.9331e+00	-1.9082e+01	-8.4502e+01
	2.1181e-01	-5.8922e-02	-1.3908e-01	-1.3948e+01	-1.1878e+01	-8.5723e+01
	2.1181e-01	-4.2301e-02	-4.8664e-02	-1.0341e+01	-1.1887e+01	-7.4328e+01
307	0.0000e+00	2.3887e-02	-1.2283e-01	1.9440e+00	-2.0822e+01	-1.0416e+02
	0.0000e+00	7.5310e-02	-2.4854e-01	-2.1272e+00	-1.6740e+01	-1.0878e+02
	-3.6642e-01	-2.3645e-02	-7.6596e-03	2.7764e+01	1.0977e+01	-1.0177e+02
	-3.6642e-01	-4.2083e-02	5.3312e-02	-1.3785e+01	-1.9223e+01	-9.6340e+01
306	0.0000e+00	-1.6525e-01	-9.2662e-02	2.5321e+00	1.5568e+01	-1.0617e+02
	0.0000e+00	-2.9848e-01	1.5288e-01	1.6212e+01	2.6366e+01	-5.4239e+01
	-4.2968e-01	-2.9848e-01	3.8264e-01	9.2838e+01	5.3397e+01	-4.2088e+01
	-4.2968e-01	2.7751e-02	4.6864e-02	-3.5675e+01	-8.7483e+00	-8.4077e+01
305	0.0000e+00	1.6844e-02	4.6258e-01	1.0596e+00	-1.8060e+01	8.3777e+00
	0.0000e+00	-1.2085e-01	-2.8601e-01	5.7089e-02	-5.2464e+01	1.1411e+01
	9.6385e-01	-9.0123e-02	-7.4618e-02	2.2334e+00	4.2148e-01	-1.1415e+01

304	-4.6401e-16	-3.7581e-02	-1.9529e-01	1.5023e-01	-1.8115e+01	-1.1466e+02
	-4.3765e-16	-9.5613e-02	-9.7648e-03	1.0177e+00	4.2100e+01	-1.1235e+02
	-2.5071e-01	-7.9144e-02	-4.2808e-02	2.3359e+00	-2.3337e+01	-7.2321e+01
303	-2.8792e-01	-1.0559e-02	7.6759e-02	-1.0269e+02	-2.0645e+01	-6.8096e+00
	-3.1252e-01	5.7809e-01	-5.0986e-02	1.2709e-01	-1.1501e+02	6.6952e-02
	-7.4104e-02	5.5586e-01	7.6351e-02	-2.9075e-01	5.3880e+01	-4.1286e+01
	-9.8705e-02	-4.0537e-02	2.5385e-01	-2.7336e+01	1.9559e+01	-6.8736e+01
302	9.8919e-01	-1.0409e-01	-5.7260e-02	-2.4690e+01	1.2468e+01	5.0361e+01
	9.8919e-01	-1.0646e-01	3.5772e-02	2.9470e+01	6.1755e+00	6.0023e+01
	0.0000e+00	-1.1673e-01	-1.4054e-01	7.1676e+00	1.4011e+01	6.6071e+01
	0.0000e+00	-1.0922e-01	-1.5333e-01	-2.6136e+00	-2.1684e+01	5.9607e+01
301	1.2023e+00	-1.2023e-01	4.9147e-02	1.3526e+00	1.1855e+01	5.0837e+01
	1.2023e+00	-1.2070e-01	1.1173e-01	1.6299e+01	5.5495e+00	4.5039e+01
	0.0000e+00	-6.4550e-02	-1.2321e-01	5.9153e+00	1.1655e+01	4.3906e+01
	0.0000e+00	-8.2791e-02	-8.8252e-02	-6.2226e-01	1.1858e+01	5.1570e+01
300	1.0870e+00	-1.2810e-01	7.6059e-02	4.7090e+00	1.0826e+01	3.4068e+01
	1.0870e+00	-1.0836e-01	1.7037e-01	7.9659e+00	5.5152e+00	2.7263e+01
	0.0000e+00	2.8293e-02	-7.7078e-02	3.9276e+00	5.8588e+00	2.5174e+01
	0.0000e+00	-2.5607e-02	-8.3204e-02	-1.1128e+00	1.6049e+01	3.1738e+01
299	7.8156e-01	-9.6788e-02	8.0173e-02	3.1352e+00	7.2843e+00	1.8359e+01
	7.8156e-01	-9.3490e-02	1.8412e-01	4.2687e+00	4.7611e+00	1.4177e+01
	-5.0533e-16	5.9521e-02	-3.8597e-02	2.5820e+00	3.8094e+00	1.3500e+01
	-5.2424e-16	2.5621e-02	-7.9137e-02	-1.0677e+00	1.0791e+01	1.6736e+01
298	4.7347e-01	-7.3368e-02	7.1550e-02	1.9553e+00	4.3151e+00	8.3552e+00
	4.7347e-01	-9.7464e-02	1.2438e-01	1.0062e+00	2.2517e+00	6.3812e+00
	-2.4640e-16	4.0985e-02	-2.8430e-02	1.3854e+00	2.7648e+00	6.1121e+00
	-2.4015e-16	4.4550e-02	-4.7825e-02	-6.4242e-01	5.8292e+00	7.3639e+00
297	2.6795e-01	-8.2306e-02	4.6703e-03	2.7016e+00	2.1890e+00	2.4872e+00
	2.6795e-01	-6.3763e-02	-5.0212e-02	-2.3357e-01	-1.7726e-01	2.1504e+00
	0.0000e+00	-5.9141e-02	3.6275e-02	-1.3640e-01	1.9554e-01	1.2072e+00

	0.0000e+00	-7.6711e-02	1.1008e-01	7.3118e-01	9.9799e-01	1.4634e+00
296	1.4772e-01	-5.8370e-02	-1.3878e-02	-3.6327e-01	-1.5993e-01	1.3604e+00
	1.4772e-01	-6.3429e-02	-1.4908e-02	1.9170e-01	2.0133e-01	9.7818e-01
	-3.5517e-18	-5.3700e-02	1.5059e-02	-5.7935e-02	1.1864e+00	1.6358e+00
	-5.3976e-18	-4.6048e-02	2.6522e-02	-1.7055e-01	-7.5063e-01	1.7960e+00
295	1.5667e-01	-6.6190e-02	-1.4676e-02	2.9077e-01	2.0704e-01	5.9731e-01
	1.5667e-01	-5.3828e-02	-1.9103e-02	9.4700e-01	7.3742e-01	-6.0225e-01
	2.0886e-17	-3.5820e-02	-1.1812e-02	-1.7315e-01	2.8466e+00	3.9533e-02
	1.8391e-17	-4.1638e-02	3.6806e-03	2.7526e-01	3.8710e-01	1.0628e+00
294	2.7776e-01	-5.4952e-02	-4.1195e-02	3.5378e-01	-8.9508e-02	-1.6162e+00
	2.7776e-01	-5.9189e-02	-1.8871e-02	2.4008e+00	8.5558e-01	-4.1454e+00
	0.0000e+00	-3.8678e-02	-2.5933e-02	-5.1910e-02	5.6087e+00	-3.0401e+00
	0.0000e+00	-2.2736e-02	-2.8641e-02	4.1129e-01	1.2624e+00	-6.1845e-01
293	4.9254e-01	-6.1798e-02	-4.0179e-02	8.3891e-01	-4.1077e-01	-5.7219e+00
	4.9254e-01	-6.0779e-02	-2.5011e-02	5.1564e+00	3.8339e-01	-1.0444e+01
	0.0000e+00	-4.8392e-02	-5.7136e-02	5.4579e-01	9.6370e+00	-9.1394e+00
	0.0000e+00	-3.2943e-02	-3.7518e-02	5.9526e-01	3.7595e+00	-4.1878e+00
292	7.6383e-01	-6.0511e-02	-4.0681e-02	1.7815e+00	-2.1467e-01	-1.3095e+01
	7.6383e-01	-7.3150e-02	2.6402e-03	9.5522e+00	-7.6497e-02	-2.0750e+01
	0.0000e+00	-7.7533e-02	-7.3342e-02	2.0620e+00	1.4220e+01	-1.9722e+01
	0.0000e+00	-4.7206e-02	-6.2718e-02	5.6943e-01	8.6865e+00	-1.1175e+01
291	9.8412e-01	-7.3500e-02	1.5008e-03	4.1347e+00	9.9388e-01	-2.4900e+01
	9.8412e-01	-8.2968e-02	-4.4614e-04	9.2270e+00	3.8678e-01	-3.5377e+01
	0.0000e+00	-8.5093e-02	-5.3836e-02	1.9062e+00	1.7579e+01	-3.4769e+01
	0.0000e+00	-7.6333e-02	-5.6195e-02	4.0293e-01	1.5349e+01	-2.4329e+01
290	1.0752e+00	-8.3206e-02	-3.7804e-03	9.7097e+00	1.6375e+00	-4.0555e+01
	1.0752e+00	-8.6754e-02	1.8217e-02	2.1826e+00	2.7444e+00	-5.0226e+01
	0.0000e+00	-8.6734e-02	9.3790e-03	6.1674e-01	1.6091e+01	-5.0478e+01
	0.0000e+00	-8.3176e-02	-1.7322e-02	1.3063e+00	1.8822e+01	-4.0923e+01
289	8.6297e-01	-8.6837e-02	1.4006e-02	2.3799e+01	3.4565e+00	-5.3809e+01

	8.6297e-01	-9.3964e-02	8.9720e-02	-2.9965e+01	8.2238e+00	-4.9772e+01
	0.0000e+00	-9.3277e-02	1.2519e-01	-5.3338e+00	-9.2869e+00	-5.4870e+01
	0.0000e+00	-8.5463e-02	4.5696e-02	3.9130e+00	1.5301e+01	-5.9075e+01
288	4.9759e-01	-9.5144e-02	2.0662e-02	4.8820e+01	4.3056e+00	-4.0257e+01
	4.9759e-01	-3.0108e-01	-1.4298e-01	-1.1351e+02	-1.4997e+00	9.9468e+00
	0.0000e+00	-3.0108e-01	5.9535e-02	-2.1335e+01	-9.9641e+01	-1.2754e+01
	0.0000e+00	-9.1600e-02	2.2100e-01	9.5503e+00	-1.9098e+01	-6.2792e+01
287	0.0000e+00	-1.0038e-01	1.2465e-01	-8.7536e-02	8.0727e-01	3.3158e+00
	0.0000e+00	-1.0464e-02	-5.5437e-02	-2.3655e-01	3.5107e+00	2.4473e+00
	2.0406e-01	-5.8987e-02	1.6275e-02	-6.4818e-01	7.4230e-01	4.4477e+00
262	0.0000e+00	0.0000e+00	0.0000e+00	-1.4834e+01	-9.4964e+01	-6.2992e+01
	0.0000e+00	0.0000e+00	0.0000e+00	3.3632e+01	-1.5247e+02	-6.8877e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.3413e+01	-6.7156e+01	-1.0785e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8847e+01	-2.9237e+01	-9.9352e+01
261	0.0000e+00	0.0000e+00	0.0000e+00	4.0236e+01	-1.6815e+02	-6.7892e+01
	0.0000e+00	0.0000e+00	0.0000e+00	5.2272e+01	-1.9191e+02	-6.4346e+01
	0.0000e+00	0.0000e+00	0.0000e+00	5.5680e+01	-9.1278e+01	-8.3233e+01
	0.0000e+00	0.0000e+00	0.0000e+00	4.2030e+01	-6.4880e+01	-8.7904e+01
260	0.0000e+00	0.0000e+00	0.0000e+00	5.6052e+01	-2.0045e+02	-5.2766e+01
	0.0000e+00	0.0000e+00	0.0000e+00	5.5047e+01	-2.0546e+02	-4.1106e+01
	0.0000e+00	0.0000e+00	0.0000e+00	6.1527e+01	-9.8975e+01	-4.6873e+01
	0.0000e+00	0.0000e+00	0.0000e+00	6.8225e+01	-8.9116e+01	-5.9087e+01
259	0.0000e+00	0.0000e+00	0.0000e+00	5.6265e+01	-2.0034e+02	-2.8801e+01
	0.0000e+00	0.0000e+00	0.0000e+00	3.9468e+01	-1.9727e+02	-2.6109e+01
	0.0000e+00	0.0000e+00	0.0000e+00	4.0664e+01	-1.0369e+02	-2.4343e+01
	0.0000e+00	0.0000e+00	0.0000e+00	6.0046e+01	-1.0451e+02	-2.7626e+01
258	0.0000e+00	0.0000e+00	0.0000e+00	-7.0853e+01	4.6539e+01	2.4558e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4575e+01	4.4532e+01	2.4676e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0754e+01	8.6340e+01	3.3983e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.0288e+01	7.0589e+01	3.3235e+01

257	0.0000e+00	0.0000e+00	0.0000e+00	1.8962e+00	5.1991e+01	2.3274e+01
	0.0000e+00	0.0000e+00	0.0000e+00	6.2113e+01	6.4643e+01	2.3012e+01
	0.0000e+00	0.0000e+00	0.0000e+00	5.3198e+01	1.0168e+02	3.4903e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2329e+01	9.5757e+01	3.5244e+01
256	0.0000e+00	0.0000e+00	0.0000e+00	7.3262e+01	7.2958e+01	2.5173e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1165e+02	7.8200e+01	2.0691e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0179e+02	1.1798e+02	3.0131e+01
	0.0000e+00	0.0000e+00	0.0000e+00	7.2348e+01	1.0842e+02	3.4650e+01
255	0.0000e+00	0.0000e+00	0.0000e+00	1.2184e+02	8.2345e+01	2.2431e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4256e+02	8.0206e+01	1.7593e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3895e+02	1.3537e+02	2.3303e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1323e+02	1.2428e+02	2.8185e+01
254	0.0000e+00	0.0000e+00	0.0000e+00	1.5364e+02	8.4412e+01	1.8947e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.9523e+02	8.9051e+01	1.1860e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7965e+02	1.3504e+02	1.2290e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5053e+02	1.3887e+02	1.9605e+01
253	0.0000e+00	0.0000e+00	0.0000e+00	2.0378e+02	9.2327e+01	1.2062e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.2154e+02	9.1314e+01	2.9186e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.1115e+02	1.3134e+02	-6.4698e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8999e+02	1.3586e+02	8.7393e+00
252	0.0000e+00	0.0000e+00	0.0000e+00	2.2750e+02	8.9819e+01	4.3315e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.1047e+02	7.9322e+01	-3.6257e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.0728e+02	1.2613e+02	-1.2689e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1031e+02	1.2980e+02	-4.3202e+00
251	0.0000e+00	0.0000e+00	0.0000e+00	1.9975e+02	7.4713e+01	-6.7028e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.4820e+02	7.7883e+01	-1.3268e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4304e+02	1.0569e+02	-2.0332e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.9206e+02	1.2067e+02	-1.4697e+01
250	0.0000e+00	0.0000e+00	0.0000e+00	1.0902e+02	6.9878e+01	-1.5710e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8642e+01	6.8507e+01	-2.3763e+01

	0.0000e+00	0.0000e+00	0.0000e+00	-3.4646e+01	8.6908e+01	-2.7994e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0027e+02	9.2970e+01	-2.0880e+01
249	0.0000e+00	0.0000e+00	0.0000e+00	9.4400e+01	-4.6762e+01	4.6718e+01
	0.0000e+00	0.0000e+00	0.0000e+00	7.7945e+01	-5.3768e+01	6.6144e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0489e+02	9.5379e+01	6.1669e+01
	0.0000e+00	0.0000e+00	0.0000e+00	9.7562e+01	1.0201e+02	4.1735e+01
248	0.0000e+00	0.0000e+00	0.0000e+00	9.9241e+01	-5.1997e+01	8.8875e+01
	0.0000e+00	0.0000e+00	0.0000e+00	4.6615e+01	-5.5308e+01	1.0392e+02
	0.0000e+00	0.0000e+00	0.0000e+00	6.9283e+01	8.2710e+01	1.0428e+02
	0.0000e+00	0.0000e+00	0.0000e+00	9.6792e+01	8.1395e+01	8.8407e+01
247	0.0000e+00	0.0000e+00	0.0000e+00	7.3211e+01	-4.2516e+01	1.1498e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.3825e+01	-3.3869e+01	9.5398e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.5700e+01	6.3147e+01	1.0191e+02
	0.0000e+00	0.0000e+00	0.0000e+00	6.4463e+01	5.0121e+01	1.2482e+02
246	0.0000e+00	0.0000e+00	0.0000e+00	7.5751e+01	-9.0404e+01	-9.4096e+01
	0.0000e+00	0.0000e+00	0.0000e+00	8.8146e+01	-8.8492e+01	-7.3619e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0683e+02	5.5158e+01	-7.9081e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0276e+02	6.3411e+01	-9.9081e+01
245	0.0000e+00	0.0000e+00	0.0000e+00	6.8372e+01	1.0394e+02	6.4783e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.7525e+01	1.0987e+02	6.8020e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.1569e+01	6.3080e+01	4.4111e+01
	0.0000e+00	0.0000e+00	0.0000e+00	9.3021e+01	1.2114e+02	4.0726e+01
244	0.0000e+00	0.0000e+00	0.0000e+00	1.0476e+02	-7.6377e+01	-1.9761e+01
	0.0000e+00	0.0000e+00	0.0000e+00	9.2793e+01	-7.0617e+01	-2.1080e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.1243e+02	8.7652e+01	1.1585e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.2470e+02	8.7616e+01	-1.6432e+01
243	0.0000e+00	0.0000e+00	0.0000e+00	8.3181e+01	-6.8896e+01	2.4156e+01
	0.0000e+00	0.0000e+00	0.0000e+00	5.0225e+01	-5.7378e+01	4.1993e+01
	0.0000e+00	0.0000e+00	0.0000e+00	7.1781e+01	7.8283e+01	4.2935e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0526e+02	8.8222e+01	2.2980e+01

242	0.0000e+00	0.0000e+00	0.0000e+00	6.5412e+01	6.6589e+01	-5.6100e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.5488e+01	8.6804e+01	-5.4287e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.9677e+01	2.3290e+01	-6.5057e+01
	0.0000e+00	0.0000e+00	0.0000e+00	8.3597e+01	6.7003e+01	-6.6292e+01
241	0.0000e+00	0.0000e+00	0.0000e+00	6.2110e+01	-5.7748e+01	8.0156e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0619e+00	-5.4888e+01	9.1262e+01
	0.0000e+00	0.0000e+00	0.0000e+00	3.5806e+01	7.8044e+01	9.3952e+01
	0.0000e+00	0.0000e+00	0.0000e+00	5.0480e+01	7.6081e+01	8.2857e+01
240	0.0000e+00	0.0000e+00	0.0000e+00	1.3168e+01	-3.8500e+01	1.0745e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5022e+01	-2.6827e+01	1.0755e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7344e+01	6.3884e+01	1.0749e+02
	0.0000e+00	0.0000e+00	0.0000e+00	1.1418e+01	7.7940e+01	1.0476e+02
239	0.0000e+00	0.0000e+00	0.0000e+00	4.2894e+01	-1.9619e+01	-1.1374e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2100e+01	-1.4114e+01	-1.1715e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4659e+01	-2.4189e+01	-1.0773e+02
	0.0000e+00	0.0000e+00	0.0000e+00	3.6872e+01	-4.0610e+01	-1.0350e+02
238	0.0000e+00	0.0000e+00	0.0000e+00	1.0936e+02	7.8687e+01	-6.5303e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4880e+02	9.7518e+01	-3.8929e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7097e+02	1.6049e+02	-2.3005e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6176e+02	1.5902e+02	-5.0016e+01
237	0.0000e+00	0.0000e+00	0.0000e+00	1.1720e+02	6.1332e+01	-9.1972e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3282e+02	5.6647e+01	-7.0854e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7032e+02	1.3183e+02	-5.6007e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3000e+02	1.0153e+02	-7.5994e+01
236	0.0000e+00	0.0000e+00	0.0000e+00	1.2745e+02	1.0326e+02	1.9193e+01
	0.0000e+00	0.0000e+00	0.0000e+00	8.2136e+01	8.9404e+01	3.8125e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1648e+02	1.7102e+02	3.1986e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4625e+02	1.6380e+02	1.4065e+01
235	0.0000e+00	0.0000e+00	0.0000e+00	8.6714e+01	7.7534e+01	4.7289e+01
	0.0000e+00	0.0000e+00	0.0000e+00	8.8242e+01	8.6660e+01	6.2897e+01

	0.0000e+00	0.0000e+00	0.0000e+00	9.7657e+01	1.4125e+02	5.9223e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1614e+02	1.5723e+02	4.4089e+01
234	0.0000e+00	0.0000e+00	0.0000e+00	3.2802e+01	8.3199e+01	9.3065e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2446e+01	5.9889e+01	9.9567e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8678e+00	1.1693e+02	7.7710e+01
	0.0000e+00	0.0000e+00	0.0000e+00	3.7137e+01	1.2599e+02	7.1191e+01
233	0.0000e+00	0.0000e+00	0.0000e+00	5.8213e+00	2.6350e+01	1.0523e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7103e+01	3.1226e+01	1.0174e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.7119e+01	5.6143e+01	9.0176e+01
	0.0000e+00	0.0000e+00	0.0000e+00	7.3137e+00	7.7503e+01	9.3677e+01
232	0.0000e+00	0.0000e+00	0.0000e+00	9.6093e+00	9.8818e+01	4.8571e+01
	0.0000e+00	0.0000e+00	0.0000e+00	5.6915e+01	1.1236e+02	4.5406e+01
	0.0000e+00	0.0000e+00	0.0000e+00	4.7888e+01	1.2494e+02	6.3526e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0855e+01	1.1058e+02	6.6646e+01
231	0.0000e+00	0.0000e+00	0.0000e+00	-7.1051e+01	7.2071e+01	4.9239e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5865e+00	8.3920e+01	5.0379e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1976e+00	9.6402e+01	7.0064e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.2249e+01	7.8518e+01	6.8553e+01
230	0.0000e+00	0.0000e+00	0.0000e+00	6.9016e+01	1.2209e+02	4.5600e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0238e+02	1.3270e+02	3.8598e+01
	0.0000e+00	0.0000e+00	0.0000e+00	9.0893e+01	1.4523e+02	5.3167e+01
	0.0000e+00	0.0000e+00	0.0000e+00	6.2948e+01	1.3312e+02	6.0151e+01
229	0.0000e+00	0.0000e+00	0.0000e+00	1.1021e+02	1.4019e+02	3.8087e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3798e+02	1.4637e+02	2.7165e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2240e+02	1.6021e+02	3.7029e+01
	0.0000e+00	0.0000e+00	0.0000e+00	9.8272e+01	1.5091e+02	4.7922e+01
228	0.0000e+00	0.0000e+00	0.0000e+00	1.4626e+02	1.5241e+02	2.6580e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7581e+02	1.5313e+02	1.3237e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5669e+02	1.6523e+02	1.3845e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3013e+02	1.6518e+02	2.7307e+01

227	0.0000e+00	0.0000e+00	0.0000e+00	1.8651e+02	1.5462e+02	1.1303e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.0488e+02	1.4930e+02	-3.7588e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.8525e+02	1.6161e+02	-9.7317e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.6716e+02	1.6574e+02	5.3447e+00
226	0.0000e+00	0.0000e+00	0.0000e+00	2.0878e+02	1.4667e+02	-6.1774e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.9922e+02	1.3578e+02	-2.2222e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8121e+02	1.4837e+02	-3.5562e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8528e+02	1.5820e+02	-1.9586e+01
225	0.0000e+00	0.0000e+00	0.0000e+00	1.9545e+02	1.2518e+02	-2.2947e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3487e+02	1.1094e+02	-3.5620e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2807e+02	1.1892e+02	-5.6961e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7335e+02	1.3818e+02	-4.4640e+01
224	0.0000e+00	0.0000e+00	0.0000e+00	1.4218e+02	9.9024e+01	-1.9100e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3228e+02	1.0274e+02	3.0015e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.5621e+02	1.6449e+02	7.8568e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.7410e+02	1.6064e+02	-1.4207e+01
223	0.0000e+00	0.0000e+00	0.0000e+00	7.0088e+01	9.0398e+01	7.4176e+01
	0.0000e+00	0.0000e+00	0.0000e+00	4.2721e+01	8.1089e+01	8.5597e+01
	0.0000e+00	0.0000e+00	0.0000e+00	5.8171e+01	1.2886e+02	7.2607e+01
	0.0000e+00	0.0000e+00	0.0000e+00	8.3709e+01	1.3991e+02	6.1244e+01
222	0.0000e+00	0.0000e+00	0.0000e+00	5.3561e+01	-1.9763e+02	-1.7395e+01
	0.0000e+00	0.0000e+00	0.0000e+00	3.0871e+01	-1.9238e+02	-8.5166e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.0874e+01	-1.0159e+02	-9.2527e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.7478e+01	-1.0204e+02	-1.2812e+01
221	0.0000e+00	0.0000e+00	0.0000e+00	3.2697e+01	-1.7474e+02	-5.8645e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.5016e+01	-1.8494e+02	-5.8955e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.1917e+01	-9.9573e+01	-8.0314e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.9849e+01	-1.0018e+02	-4.6310e+00
220	0.0000e+00	0.0000e+00	0.0000e+00	2.4187e+01	-1.7820e+02	2.2945e+00
	0.0000e+00	0.0000e+00	0.0000e+00	9.9901e+00	-1.8023e+02	-1.4393e+00

	0.0000e+00	0.0000e+00	0.0000e+00	1.1154e+01	-9.3707e+01	-1.4170e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.9718e+01	-9.3146e+01	5.3149e-01
219	0.0000e+00	0.0000e+00	0.0000e+00	1.2602e+01	-1.7314e+02	6.3914e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.5694e+00	-1.7341e+02	-3.3163e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.6419e+00	-9.5398e+01	-2.7673e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.6417e+00	-9.4365e+01	5.1788e+00
218	0.0000e+00	0.0000e+00	0.0000e+00	-6.3506e+01	-1.7852e+00	3.8390e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8607e+01	-1.3877e+01	2.2128e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1549e+01	1.2628e+01	-3.7963e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.8314e+01	1.1052e+01	-3.4196e+00
217	0.0000e+00	0.0000e+00	0.0000e+00	1.6289e+00	-1.2422e+01	6.3720e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.6244e+01	-1.1386e+01	9.4823e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.4375e+01	4.8370e+00	-4.6373e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.5069e+00	1.5126e+01	-5.3429e+00
216	0.0000e+00	0.0000e+00	0.0000e+00	7.3119e+01	-9.0956e+00	1.4179e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0855e+02	-1.3361e+01	2.0158e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0781e+02	-8.3544e-01	-6.0650e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.4025e+01	5.1072e+00	-5.4564e+00
215	0.0000e+00	0.0000e+00	0.0000e+00	1.1979e+02	-1.4291e+01	-7.9858e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.4022e+02	-2.2961e+01	-9.6161e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.4472e+02	-2.4240e+00	-1.5601e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2170e+02	2.0607e-01	-1.6908e+01
214	0.0000e+00	0.0000e+00	0.0000e+00	1.4206e+02	-1.8864e+01	-3.2126e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7359e+02	-2.1734e+01	-3.7751e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7938e+02	1.0876e+01	-3.1277e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5590e+02	4.2896e+00	-3.4219e+01
213	0.0000e+00	0.0000e+00	0.0000e+00	1.7683e+02	-1.7746e+01	3.1792e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.2852e+02	8.7939e+00	3.4756e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1315e+02	2.8898e+00	4.4966e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.9617e+02	1.7884e+01	4.1749e+01

212	0.0000e+00	0.0000e+00	0.0000e+00	2.2177e+02	8.3083e+00	2.9191e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.0786e+02	-6.6028e+00	2.9057e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1549e+02	1.5911e+01	3.2253e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1627e+02	-2.6043e+00	3.1480e+01
211	0.0000e+00	0.0000e+00	0.0000e+00	1.9814e+02	-1.1467e+01	6.5162e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.5839e+02	5.4119e+00	5.1820e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.5058e+02	1.7107e+01	1.9068e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.0023e+02	1.4529e+01	1.8847e+01
210	0.0000e+00	0.0000e+00	0.0000e+00	1.2278e+02	3.9436e+00	3.8532e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3457e-01	9.5316e+00	-1.8499e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.4824e+00	3.6504e+01	1.7390e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1060e+02	1.3966e+01	2.0536e+01
209	0.0000e+00	0.0000e+00	0.0000e+00	2.2721e+01	-1.6410e+01	-8.7622e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.1562e+01	-1.1956e+01	-9.7346e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.7278e+01	1.0964e+02	-1.2972e+01
	0.0000e+00	0.0000e+00	0.0000e+00	3.5436e+01	1.2020e+02	-1.0123e+01
208	0.0000e+00	0.0000e+00	0.0000e+00	2.3894e+01	-1.6455e+01	-2.6557e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.4513e+01	6.8485e+00	-1.6586e+01
	0.0000e+00	0.0000e+00	0.0000e+00	3.8835e+01	1.1081e+02	-3.5287e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.7573e+01	1.0263e+02	4.2119e+00
207	0.0000e+00	0.0000e+00	0.0000e+00	5.1548e+01	-2.4122e+01	-3.9182e+00
	0.0000e+00	0.0000e+00	0.0000e+00	9.0243e+01	-2.7088e+01	4.6431e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.9326e+01	1.1028e+02	7.9820e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.6503e+01	1.1060e+02	-1.4631e+00
206	0.0000e+00	0.0000e+00	0.0000e+00	1.4375e+02	1.0232e+02	2.7499e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.0188e+02	1.1522e+02	7.7039e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.8897e+02	1.1329e+02	2.3308e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4574e+02	7.8897e+01	2.5086e+01
205	0.0000e+00	0.0000e+00	0.0000e+00	1.1621e+02	2.2235e+02	3.8235e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.1498e+02	2.1752e+02	-5.5682e+00

	0.0000e+00	0.0000e+00	0.0000e+00	1.1875e+02	2.2226e+02	-8.9815e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.6034e+01	2.2903e+02	-4.4852e+00
204	0.0000e+00	0.0000e+00	0.0000e+00	2.2337e+02	1.1693e+02	3.1108e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.0470e+02	1.1472e+02	1.0115e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.0664e+02	8.8745e+01	1.0074e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.3036e+02	8.8014e+01	2.8641e+00
203	0.0000e+00	0.0000e+00	0.0000e+00	1.9165e+02	1.1821e+02	1.7759e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5337e+02	1.1620e+02	1.7283e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5525e+02	1.0676e+02	2.5660e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.9701e+02	8.9965e+01	2.0332e+01
202	0.0000e+00	0.0000e+00	0.0000e+00	9.9434e+01	1.3896e+02	-8.2696e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.1277e+02	1.4184e+02	-1.7632e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0449e+02	1.2073e+02	-1.7664e+01
	0.0000e+00	0.0000e+00	0.0000e+00	7.9505e+01	1.2816e+02	-1.0172e+01
201	0.0000e+00	0.0000e+00	0.0000e+00	1.0868e+02	9.9440e+01	1.5594e+01
	0.0000e+00	0.0000e+00	0.0000e+00	7.5719e+01	9.2052e+01	1.8949e+01
	0.0000e+00	0.0000e+00	0.0000e+00	7.8760e+01	7.4087e+01	1.4702e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1136e+02	7.6089e+01	1.1494e+01
200	0.0000e+00	0.0000e+00	0.0000e+00	5.1077e+01	9.2643e+01	1.1380e+01
	0.0000e+00	0.0000e+00	0.0000e+00	4.9452e+00	8.8148e+01	4.6556e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.7048e+00	8.3763e+01	1.1633e+01
	0.0000e+00	0.0000e+00	0.0000e+00	5.9324e+01	6.9966e+01	1.1441e+01
199	0.0000e+00	0.0000e+00	0.0000e+00	7.5808e+01	-2.4236e+01	-5.7829e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.9657e+01	-1.6567e+01	-1.9731e+01
	0.0000e+00	0.0000e+00	0.0000e+00	6.8957e+01	-7.4829e+01	-1.6774e+01
	0.0000e+00	0.0000e+00	0.0000e+00	4.7331e+01	-6.5984e+01	-1.8452e+00
198	0.0000e+00	0.0000e+00	0.0000e+00	2.1061e+02	5.4691e+01	-1.8274e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.3465e+02	6.3437e+01	-1.6978e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.3794e+02	5.1083e+01	4.0393e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.2284e+02	5.1010e+01	3.3377e+00

197	0.0000e+00	0.0000e+00	0.0000e+00	1.4153e+02	1.7243e+02	-6.9931e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0804e+02	1.8107e+02	-8.2992e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1560e+02	1.4818e+02	-6.8349e+01
196	0.0000e+00	0.0000e+00	0.0000e+00	1.9733e+02	7.1759e+01	1.3573e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4915e+02	6.5137e+01	1.4597e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5802e+02	6.3560e+01	1.2408e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8402e+02	5.6836e+01	1.4761e+01
195	0.0000e+00	0.0000e+00	0.0000e+00	1.3783e+02	5.6922e+01	-2.6543e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.2759e+02	5.6057e+01	-2.6658e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.1669e+02	4.7615e+01	-9.4122e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.4089e+02	5.8440e+01	-9.7160e+00
194	0.0000e+00	0.0000e+00	0.0000e+00	5.4992e+01	3.9334e+01	3.6168e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0118e+01	3.5857e+01	2.8882e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.9490e+00	3.3480e+01	-1.9402e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.7405e+01	3.4995e+01	1.8439e+00
193	0.0000e+00	0.0000e+00	0.0000e+00	-2.1340e+01	1.8952e+01	1.7023e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.3245e+01	2.0731e+01	2.0763e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.7898e+01	1.9737e+01	2.2822e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3007e+01	2.4293e+01	1.4115e+01
192	0.0000e+00	0.0000e+00	0.0000e+00	5.9569e+00	1.6345e+01	-1.6221e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.6822e+01	1.6860e+01	-3.2395e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.2071e+01	2.9423e+01	-6.8412e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.1902e+00	3.5291e+01	-4.8181e+00
191	0.0000e+00	0.0000e+00	0.0000e+00	-7.2085e+01	1.5872e+01	5.6531e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0434e+01	1.3439e+01	4.7274e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2599e+01	2.9649e+01	1.2809e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.9983e+01	2.6536e+01	4.9168e+00
190	0.0000e+00	0.0000e+00	0.0000e+00	7.0094e+01	1.9478e+01	-5.5069e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.1012e+02	1.6451e+01	-7.7021e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0514e+02	3.6132e+01	-7.4981e+00

	0.0000e+00	0.0000e+00	0.0000e+00	7.3178e+01	3.2939e+01	-5.6537e+00
189	0.0000e+00	0.0000e+00	0.0000e+00	1.0978e+02	2.3722e+01	-2.0909e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4882e+02	2.8697e+01	-2.4756e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4163e+02	5.3818e+01	-1.5905e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1447e+02	4.2583e+01	-1.1388e+01
188	0.0000e+00	0.0000e+00	0.0000e+00	1.4364e+02	4.0807e+01	-4.0842e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8132e+02	7.2978e+01	-3.5956e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8437e+02	7.3001e+01	-1.9497e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4680e+02	6.7917e+01	-2.4328e+01
187	0.0000e+00	0.0000e+00	0.0000e+00	1.9661e+02	9.9765e+01	6.3240e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.9631e+02	7.8042e+01	6.8968e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.0498e+02	8.6317e+01	6.3101e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.0927e+02	8.5363e+01	4.9688e+01
186	0.0000e+00	0.0000e+00	0.0000e+00	1.9820e+02	8.9063e+01	7.4478e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8011e+02	7.4483e+01	6.6151e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7608e+02	8.6551e+01	5.8564e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8427e+02	8.5546e+01	6.9024e+01
185	0.0000e+00	0.0000e+00	0.0000e+00	2.0738e+02	4.1796e+01	1.5503e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4063e+02	4.6294e+01	1.2126e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3104e+02	5.4869e+01	8.7150e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.8942e+02	5.8726e+01	1.7673e+01
184	0.0000e+00	0.0000e+00	0.0000e+00	2.2988e+02	6.7142e+01	6.5839e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.0721e+02	7.1650e+01	5.9329e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.0127e+02	5.5476e+01	9.3960e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.2787e+02	5.2429e+01	1.0237e+01
183	0.0000e+00	0.0000e+00	0.0000e+00	1.1289e+02	5.2192e+01	7.5229e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.5166e+01	4.3789e+01	5.1110e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.1483e+01	3.9032e+01	-1.3210e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0836e+02	4.1384e+01	1.2696e+00
182	0.0000e+00	0.0000e+00	0.0000e+00	1.7046e+02	8.5693e+01	6.9599e+01

	0.0000e+00	0.0000e+00	0.0000e+00	1.5997e+02	8.0138e+01	6.9236e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7165e+02	8.2319e+01	6.0796e+01
181	0.0000e+00	0.0000e+00	0.0000e+00	1.7690e+02	4.3471e+01	2.8151e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3390e+02	4.4324e+01	2.1429e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5335e+02	5.3770e+01	2.7203e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8216e+02	5.3627e+01	2.5979e+01
180	0.0000e+00	0.0000e+00	0.0000e+00	1.1910e+01	-1.7786e+02	2.1422e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.2764e+01	-1.7676e+02	3.7332e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.5096e+00	-9.8168e+01	-2.1513e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.4234e+01	-9.0801e+01	2.5197e+00
179	0.0000e+00	0.0000e+00	0.0000e+00	4.2066e+00	-1.6259e+02	8.7678e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.2275e+01	-1.7762e+02	-1.3753e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.9449e+00	-9.9875e+01	-7.7264e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-9.0851e+00	-9.4021e+01	-3.9264e-02
178	0.0000e+00	0.0000e+00	0.0000e+00	1.4948e+01	-1.7569e+02	6.4643e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.7385e+01	-1.8092e+02	2.2096e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.9796e+01	-9.8303e+01	-2.5573e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.5724e+01	-8.9625e+01	7.1551e-02
177	0.0000e+00	0.0000e+00	0.0000e+00	1.6749e+01	-1.7930e+02	1.0899e+01
	0.0000e+00	0.0000e+00	0.0000e+00	4.1234e+01	-1.7944e+02	4.1540e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.2632e+01	-1.0438e+02	8.2856e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.4864e+01	-9.4570e+01	6.1349e+00
176	0.0000e+00	0.0000e+00	0.0000e+00	-7.0387e+01	2.6703e+01	-1.5990e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9463e+01	2.1821e+01	-1.6341e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2269e+01	3.1737e+01	-3.6731e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.1627e+01	3.0826e+01	-4.4686e+00
175	0.0000e+00	0.0000e+00	0.0000e+00	-2.1707e+00	2.6699e+01	-3.6008e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.1379e+01	3.3295e+01	-3.4764e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.6150e+01	2.7266e+01	-4.5377e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.1131e+00	3.5817e+01	-4.9618e+00

174	0.0000e+00	0.0000e+00	0.0000e+00	7.5796e+01	3.9193e+01	-5.3011e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.1268e+02	4.2837e+01	-7.1453e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.1081e+02	2.7415e+01	-6.2606e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.4302e+01	2.9840e+01	-4.7037e+00
173	0.0000e+00	0.0000e+00	0.0000e+00	1.2496e+02	4.4602e+01	-5.5366e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.4415e+02	4.3445e+01	-2.8952e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.5236e+02	3.2956e+01	-2.4624e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.2211e+02	3.1264e+01	-5.6259e+00
172	0.0000e+00	0.0000e+00	0.0000e+00	1.5887e+02	4.5970e+01	3.2523e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.9399e+02	5.3861e+01	7.0525e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.9128e+02	2.2367e+01	4.9386e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.6402e+02	3.3650e+01	-1.1048e+00
171	0.0000e+00	0.0000e+00	0.0000e+00	2.1465e+02	5.9308e+01	2.2159e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.3707e+02	2.8998e+01	1.3884e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.0948e+02	6.6547e+00	-8.5504e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.9765e+02	1.2579e+01	8.6761e+00
170	0.0000e+00	0.0000e+00	0.0000e+00	7.3313e+01	1.4426e+02	-9.2183e+01
	0.0000e+00	0.0000e+00	0.0000e+00	7.8770e+01	1.5350e+02	-8.7724e+01
	0.0000e+00	0.0000e+00	0.0000e+00	7.1061e+01	1.6491e+02	-8.8060e+01
	0.0000e+00	0.0000e+00	0.0000e+00	8.1081e+01	1.7372e+02	-8.7703e+01
169	0.0000e+00	0.0000e+00	0.0000e+00	1.8501e+02	2.8097e+01	3.6448e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.4726e+02	3.3203e+01	-2.1441e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.4533e+02	1.7022e+01	1.2785e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8234e+02	7.1924e+00	1.2495e+01
168	0.0000e+00	0.0000e+00	0.0000e+00	1.0040e+02	3.2184e+01	-1.4801e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3729e+00	6.9436e+01	-2.2380e+01
	0.0000e+00	0.0000e+00	0.0000e+00	5.3926e+00	1.1680e+01	7.1090e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0747e+02	1.4991e+01	-2.1471e-01
167	0.0000e+00	0.0000e+00	0.0000e+00	5.4190e+01	-7.5757e+00	-1.9206e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.8044e+01	5.6120e+00	-8.0557e+00

	0.0000e+00	0.0000e+00	0.0000e+00	2.7802e+01	1.0470e+02	-1.0366e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.0958e+01	9.6112e+01	4.4758e+00
166	0.0000e+00	0.0000e+00	0.0000e+00	2.4894e+01	-9.1404e+00	-3.7946e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.9747e+01	1.7937e+01	-1.0378e+01
	0.0000e+00	0.0000e+00	0.0000e+00	9.5200e+00	1.1330e+02	7.4326e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.1165e+01	8.0337e+01	1.5834e+01
165	0.0000e+00	0.0000e+00	0.0000e+00	2.1851e+01	-4.1032e+00	-4.4864e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.2455e+01	-3.1239e+00	-8.4698e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.2255e+01	1.2638e+02	-1.4504e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.8019e+01	9.9835e+01	1.1314e+01
164	0.0000e+00	0.0000e+00	0.0000e+00	1.4222e+02	3.1611e+01	1.7273e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.0164e+02	4.6455e+01	1.6195e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7531e+02	2.1812e+01	1.8354e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4849e+02	2.5246e+01	2.5969e+01
163	0.0000e+00	0.0000e+00	0.0000e+00	1.8885e+01	2.0904e+02	3.7541e+01
	0.0000e+00	0.0000e+00	0.0000e+00	4.7467e+01	2.3052e+02	4.2273e+01
	0.0000e+00	0.0000e+00	0.0000e+00	3.7068e+01	2.2637e+02	5.6524e+01
	0.0000e+00	0.0000e+00	0.0000e+00	4.4004e+01	2.1683e+02	3.9171e+01
162	0.0000e+00	0.0000e+00	0.0000e+00	2.1329e+02	1.7186e+01	4.9212e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.0676e+02	4.8223e+01	1.2624e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.9731e+02	1.3544e+01	1.0553e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.0347e+02	2.2089e+01	1.7958e+01
161	0.0000e+00	0.0000e+00	0.0000e+00	1.8112e+02	5.0294e+01	2.5169e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4267e+02	3.7572e+01	2.3991e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5458e+02	4.6921e+01	3.5581e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8282e+02	1.8223e+01	2.6650e+01
160	0.0000e+00	0.0000e+00	0.0000e+00	3.1984e+01	1.3216e+02	1.7410e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.5458e+01	1.4811e+02	-8.2152e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.3691e+01	1.1080e+02	-3.9238e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.8812e+01	1.2543e+02	4.1744e+00

159	0.0000e+00	0.0000e+00	0.0000e+00	1.1243e+02	1.9463e+01	3.1197e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.9444e+01	1.7027e+01	1.9440e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.5172e+01	1.8720e+01	2.6679e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0953e+02	1.4575e+01	1.1221e+00
158	0.0000e+00	0.0000e+00	0.0000e+00	5.6606e+01	1.8229e+01	5.0152e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.6302e+00	2.2106e+01	-4.9036e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.1053e+00	2.8378e+01	7.1019e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.0939e+01	1.3265e+01	7.4977e+00
157	0.0000e+00	0.0000e+00	0.0000e+00	2.8262e+01	-2.6104e+01	3.1358e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.1091e+01	-1.4058e+01	-2.7112e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.0230e+01	-7.1303e+01	-1.5489e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2535e+01	-6.0810e+01	8.2562e+00
156	0.0000e+00	0.0000e+00	0.0000e+00	1.4901e+02	6.7917e+01	8.7734e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6109e+02	7.0416e+01	9.3783e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5514e+02	7.1268e+01	8.8790e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5179e+02	7.4290e+01	8.9361e+01
155	0.0000e+00	0.0000e+00	0.0000e+00	1.3230e+01	1.7432e+02	-2.2159e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.0621e+01	2.0678e+02	-1.8513e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.8982e+01	1.9719e+02	-7.5217e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0967e+01	1.7446e+02	-9.3030e+00
154	0.0000e+00	0.0000e+00	0.0000e+00	1.8020e+02	7.5554e+00	3.1162e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3861e+02	2.5716e+00	3.0786e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5438e+02	1.8180e+01	2.5803e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8778e+02	1.9142e+01	2.7523e+01
153	0.0000e+00	0.0000e+00	0.0000e+00	1.2634e+02	-6.3116e+00	-2.0334e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2552e+02	-3.6488e+00	-1.7086e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1857e+02	1.2801e+01	-1.4405e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4174e+02	1.4535e+01	-2.0155e+01
152	0.0000e+00	0.0000e+00	0.0000e+00	5.4036e+01	-8.7266e+00	3.3153e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-9.1302e+00	-1.2095e+01	2.5443e+00

	0.0000e+00	0.0000e+00	0.0000e+00	4.0582e+00	1.2643e+01	9.0607e-02
	0.0000e+00	0.0000e+00	0.0000e+00	5.6001e+01	1.0116e+01	4.8745e+00
151	0.0000e+00	0.0000e+00	0.0000e+00	-2.8101e+01	-2.2167e+01	2.8873e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.0020e+01	-7.5324e+00	5.6818e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.6528e+01	5.9597e+00	1.8410e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5718e+01	7.3204e+00	1.0107e+01
150	0.0000e+00	0.0000e+00	0.0000e+00	6.7026e+00	2.8482e+01	2.9633e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.4976e+01	2.9416e+01	-2.6701e-02
	0.0000e+00	0.0000e+00	0.0000e+00	5.4117e+01	1.7092e+01	-4.3792e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.3371e+00	2.4544e+01	-3.5028e+00
149	0.0000e+00	0.0000e+00	0.0000e+00	-7.3020e+01	2.5164e+01	6.1359e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2906e+01	2.3817e+01	3.5701e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0453e+01	1.9837e+01	1.9982e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.0015e+01	2.1632e+01	3.4744e+00
148	0.0000e+00	0.0000e+00	0.0000e+00	7.3465e+01	3.2522e+01	-2.1258e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0858e+02	3.1649e+01	-1.9045e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.1009e+02	1.7376e+01	-3.8181e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.3281e+01	1.9380e+01	-3.7384e+00
147	0.0000e+00	0.0000e+00	0.0000e+00	1.2262e+02	3.4436e+01	-1.1871e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.5144e+02	3.1071e+01	-3.3087e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.4791e+02	2.0286e+01	-4.6806e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.2151e+02	1.9011e+01	-2.5261e+00
146	0.0000e+00	0.0000e+00	0.0000e+00	1.6554e+02	3.0858e+01	5.9577e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.9420e+02	2.5987e+01	4.2469e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.8556e+02	1.3946e+01	-4.2011e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.6734e+02	2.1340e+01	-1.9792e+00
145	0.0000e+00	0.0000e+00	0.0000e+00	1.9352e+02	2.2727e+01	2.5869e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.0914e+02	1.6413e+01	2.4960e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.0534e+02	9.7878e+00	-4.5218e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.9865e+02	1.3938e+01	-4.4536e+00

144	0.0000e+00	0.0000e+00	0.0000e+00	2.9953e+01	1.6376e+02	-5.1738e+01
	0.0000e+00	0.0000e+00	0.0000e+00	5.6496e+01	1.7705e+02	-6.8384e+01
	0.0000e+00	0.0000e+00	0.0000e+00	5.6967e+01	1.7274e+02	-5.8054e+01
	0.0000e+00	0.0000e+00	0.0000e+00	4.2286e+01	1.5579e+02	-5.1987e+01
143	0.0000e+00	0.0000e+00	0.0000e+00	1.7569e+02	5.1399e+01	3.8117e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2412e+02	5.1018e+01	2.5582e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2091e+02	3.9433e+01	2.9299e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5417e+02	3.4538e+01	4.3492e+01
142	0.0000e+00	0.0000e+00	0.0000e+00	2.0694e+02	1.5314e+01	1.4682e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8942e+02	5.6169e+00	1.2292e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.9233e+02	1.6727e+01	5.9275e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.0889e+02	1.8183e+01	8.3808e+00
141	0.0000e+00	0.0000e+00	0.0000e+00	1.0982e+02	-7.2460e+00	-1.3981e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.6098e+01	-7.6791e+00	-2.7321e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.2833e+01	1.1381e+01	-1.1504e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0913e+02	8.1824e+00	3.6749e-01
140	0.0000e+00	0.0000e+00	0.0000e+00	1.5588e+02	2.4364e+01	3.3355e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1439e+02	2.7146e+01	2.8661e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4444e+02	3.4820e+01	4.3139e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6708e+02	2.1912e+01	4.4175e+01
139	0.0000e+00	0.0000e+00	0.0000e+00	7.8639e+01	-8.0402e+01	8.6199e+01
	0.0000e+00	0.0000e+00	0.0000e+00	6.5342e+01	-8.3335e+01	1.0728e+02
	0.0000e+00	0.0000e+00	0.0000e+00	8.9254e+01	6.7865e+01	1.1120e+02
	0.0000e+00	0.0000e+00	0.0000e+00	1.0175e+02	5.7661e+01	9.1491e+01
138	0.0000e+00	0.0000e+00	0.0000e+00	6.1099e+01	-6.3706e+01	1.0808e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1311e+01	-3.4493e+01	9.5663e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.5356e+01	6.8336e+01	1.1895e+02
	0.0000e+00	0.0000e+00	0.0000e+00	4.8330e+01	5.8707e+01	1.3040e+02
137	0.0000e+00	0.0000e+00	0.0000e+00	5.0556e+01	-6.0871e+01	-1.1227e+02
	0.0000e+00	0.0000e+00	0.0000e+00	9.4844e+01	-6.1930e+01	-9.2709e+01

	0.0000e+00	0.0000e+00	0.0000e+00	1.1270e+02	8.1592e+01	-9.1612e+01
	0.0000e+00	0.0000e+00	0.0000e+00	7.0501e+01	8.0877e+01	-1.1285e+02
136	0.0000e+00	0.0000e+00	0.0000e+00	6.8556e+01	-4.2579e+01	-8.7871e+01
	0.0000e+00	0.0000e+00	0.0000e+00	6.9905e+01	-3.3331e+01	-7.5514e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0609e+02	1.4755e+02	-3.8110e+01
	0.0000e+00	0.0000e+00	0.0000e+00	7.1073e+01	9.4265e+01	-6.0680e+01
135	0.0000e+00	0.0000e+00	0.0000e+00	1.2526e+02	-6.6310e+01	-2.2569e+01
	0.0000e+00	0.0000e+00	0.0000e+00	6.8946e+01	-4.1413e+01	-1.6361e+01
	0.0000e+00	0.0000e+00	0.0000e+00	8.9716e+01	1.0364e+02	-5.1907e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.1549e+02	1.1167e+02	-1.5228e+01
134	0.0000e+00	0.0000e+00	0.0000e+00	1.1476e+02	-4.1302e+01	-6.5831e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.4304e+01	-3.4988e+01	4.1232e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.0957e+01	1.1755e+02	1.6450e+01
	0.0000e+00	0.0000e+00	0.0000e+00	8.7479e+01	9.0175e+01	1.2728e+01
133	0.0000e+00	0.0000e+00	0.0000e+00	1.3428e+02	8.1524e+01	-1.2342e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.9690e+02	1.0769e+02	-6.4451e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.7393e+02	1.0068e+02	2.3742e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.5986e+02	1.0297e+02	-1.4722e-01
132	0.0000e+00	0.0000e+00	0.0000e+00	1.6703e+02	1.7111e+01	-4.1127e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4331e+02	2.4764e+01	-6.5547e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3779e+02	-3.1509e+01	-4.3345e+01
131	0.0000e+00	0.0000e+00	0.0000e+00	2.5372e+02	1.4971e+02	1.1340e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.9285e+02	1.0607e+02	8.0277e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.9530e+02	1.4013e+02	1.1615e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.2510e+02	1.1951e+02	-2.3902e+00
130	0.0000e+00	0.0000e+00	0.0000e+00	1.9675e+02	1.0129e+02	1.4452e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5499e+02	9.5954e+01	2.9663e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.4894e+02	1.2576e+02	-1.4394e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.9096e+02	1.3343e+02	7.6768e+00
129	0.0000e+00	0.0000e+00	0.0000e+00	1.2052e+02	1.3317e+02	1.2110e+01

	0.0000e+00	0.0000e+00	0.0000e+00	9.3413e+01	1.4473e+02	2.5001e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.9046e+01	1.2227e+02	1.0410e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0631e+02	1.2571e+02	1.8715e+01
128	0.0000e+00	0.0000e+00	0.0000e+00	1.1565e+02	8.1336e+01	-9.7050e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.6466e+01	7.6101e+01	-1.0395e+01
	0.0000e+00	0.0000e+00	0.0000e+00	7.8559e+01	9.0425e+01	-1.6956e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1298e+02	1.0142e+02	-1.6560e+01
127	0.0000e+00	0.0000e+00	0.0000e+00	6.6107e+01	6.9847e+01	-9.4752e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3337e-01	6.4894e+01	-1.3481e+01
	0.0000e+00	0.0000e+00	0.0000e+00	3.4400e+00	7.4435e+01	-1.4652e+01
	0.0000e+00	0.0000e+00	0.0000e+00	6.9201e+01	8.0940e+01	-1.6864e+01
126	0.0000e+00	0.0000e+00	0.0000e+00	7.3533e+01	-2.2475e+01	8.8634e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.4889e+01	-1.7154e+01	4.4836e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.0953e+01	-7.3210e+01	2.7380e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.3680e+01	-6.6008e+01	8.4038e+00
125	0.0000e+00	0.0000e+00	0.0000e+00	-9.3409e+01	5.3384e+01	2.7708e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8501e+02	3.0082e+01	3.5778e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8588e+02	7.0825e+01	2.6784e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1996e+02	5.0934e+01	3.1639e+01
124	0.0000e+00	0.0000e+00	0.0000e+00	-1.0207e+02	-4.7517e+01	-9.8244e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.8447e+01	-1.9970e+01	-8.9133e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.0770e+01	-1.1388e+01	-7.1880e+01
123	0.0000e+00	0.0000e+00	0.0000e+00	5.6398e+01	-2.1141e+02	4.0526e+01
	0.0000e+00	0.0000e+00	0.0000e+00	6.6760e+01	-1.9393e+02	5.3203e+01
	0.0000e+00	0.0000e+00	0.0000e+00	7.5594e+01	-8.5465e+01	7.2346e+01
	0.0000e+00	0.0000e+00	0.0000e+00	6.9432e+01	-1.1024e+02	6.4398e+01
122	0.0000e+00	0.0000e+00	0.0000e+00	5.7080e+01	-1.9608e+02	6.5716e+01
	0.0000e+00	0.0000e+00	0.0000e+00	4.8353e+01	-1.6690e+02	7.0579e+01
	0.0000e+00	0.0000e+00	0.0000e+00	4.8100e+01	-6.2952e+01	9.5043e+01
	0.0000e+00	0.0000e+00	0.0000e+00	5.9663e+01	-9.3634e+01	9.4695e+01

121	0.0000e+00	0.0000e+00	0.0000e+00	3.1517e+01	-1.4997e+02	7.1953e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2721e+01	-9.0513e+01	6.3335e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7422e+01	-3.1512e+01	1.0158e+02
	0.0000e+00	0.0000e+00	0.0000e+00	1.6979e+01	-6.4327e+01	1.1286e+02
120	0.0000e+00	0.0000e+00	0.0000e+00	-2.4227e+01	-2.6606e+01	-1.0947e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8284e+01	-3.2512e+01	-1.1756e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0288e+01	3.5600e+01	-1.1728e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.0314e+01	2.9331e+01	-1.0930e+02
119	0.0000e+00	0.0000e+00	0.0000e+00	5.5453e+01	-1.3285e+01	1.0751e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7973e+01	-2.6003e+01	1.0842e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.8266e+01	1.0883e+01	1.0252e+02
	0.0000e+00	0.0000e+00	0.0000e+00	4.2893e+01	5.3848e+00	1.0672e+02
118	0.0000e+00	0.0000e+00	0.0000e+00	-4.1201e+01	-4.7956e+00	-8.9886e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.9428e+01	-2.4827e+01	-7.9477e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.5569e+01	1.2083e+02	-6.7278e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.3691e+00	9.1971e+01	-8.3472e+01
117	0.0000e+00	0.0000e+00	0.0000e+00	3.3480e+01	-5.5680e+01	-4.1924e+01
	0.0000e+00	0.0000e+00	0.0000e+00	8.9306e+01	-6.2923e+01	-3.8559e+01
	0.0000e+00	0.0000e+00	0.0000e+00	5.5678e+01	3.9486e+01	-6.2949e+01
	0.0000e+00	0.0000e+00	0.0000e+00	6.8488e+01	8.0086e+01	-7.1487e+01
116	0.0000e+00	0.0000e+00	0.0000e+00	7.3530e+01	8.7599e+01	4.5839e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.4090e+01	5.5761e+01	4.2065e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.2253e+01	8.5039e+01	1.9311e+01
	0.0000e+00	0.0000e+00	0.0000e+00	7.8349e+01	1.0219e+02	2.2038e+01
115	0.0000e+00	0.0000e+00	0.0000e+00	9.2890e+01	-7.4097e+01	3.9445e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0294e+02	-7.5960e+01	2.5037e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1968e+02	7.0153e+01	1.9381e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1903e+02	7.7710e+01	-4.8887e-01
114	0.0000e+00	0.0000e+00	0.0000e+00	6.3536e+01	-8.6677e+01	4.2828e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1177e+02	-8.0177e+01	6.8547e+01

	0.0000e+00	0.0000e+00	0.0000e+00	1.0706e+02	5.9203e+01	6.6962e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2345e+02	7.1338e+01	4.0439e+01
113	0.0000e+00	0.0000e+00	0.0000e+00	1.1119e+02	1.1223e+02	7.8598e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2213e+02	1.0572e+02	7.1866e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2189e+02	8.9388e+01	7.1576e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1014e+02	8.6497e+01	7.3764e+01
112	0.0000e+00	0.0000e+00	0.0000e+00	1.4975e+02	1.1529e+02	2.9615e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5565e+02	1.2786e+02	3.6801e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6377e+02	1.5325e+02	4.1006e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4895e+02	1.5660e+02	3.1433e+01
111	0.0000e+00	0.0000e+00	0.0000e+00	1.8155e+02	1.1622e+02	8.4433e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.4148e+02	9.0087e+01	-1.2052e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.4945e+02	1.4594e+02	-1.7116e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8456e+02	1.5303e+02	-9.2551e+00
110	0.0000e+00	0.0000e+00	0.0000e+00	1.3033e+02	9.0679e+01	-1.6419e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2575e+02	1.0248e+02	-2.4554e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0720e+02	1.3537e+02	-2.7498e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2999e+02	1.5283e+02	-2.0657e+01
109	0.0000e+00	0.0000e+00	0.0000e+00	7.3318e+01	7.1035e+01	-2.4210e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.7403e-01	5.2305e+01	-2.4785e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7449e+01	8.5067e+01	-4.0288e+01
	0.0000e+00	0.0000e+00	0.0000e+00	7.1940e+01	9.6456e+01	-3.8793e+01
108	0.0000e+00	0.0000e+00	0.0000e+00	-1.8645e+01	4.9353e+01	-1.3728e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.6252e+01	5.2604e+01	-1.3647e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.0129e+01	6.7925e+01	-2.0696e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.6261e+00	8.4789e+01	-2.1613e+01
107	0.0000e+00	0.0000e+00	0.0000e+00	-4.0082e+01	4.6678e+01	-1.0688e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.3394e+00	5.5026e+01	-1.1029e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-8.5614e-01	8.5789e+01	-9.7167e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.5552e+01	6.8904e+01	-9.3391e+01

106	0.0000e+00	0.0000e+00	0.0000e+00	2.7136e+01	4.3399e+01	-1.0530e+02
	0.0000e+00	0.0000e+00	0.0000e+00	5.2063e+01	3.9944e+01	-9.9047e+01
	0.0000e+00	0.0000e+00	0.0000e+00	5.4940e+01	9.8274e+01	-9.4492e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.9284e+01	8.4053e+01	-9.9604e+01
105	0.0000e+00	0.0000e+00	0.0000e+00	1.0276e+02	9.0983e+01	-6.5030e+01
	0.0000e+00	0.0000e+00	0.0000e+00	7.6307e+01	6.3862e+01	-4.3274e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1587e+02	1.5102e+02	-4.7352e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0588e+02	1.2355e+02	-6.5271e+01
104	0.0000e+00	0.0000e+00	0.0000e+00	1.0569e+02	8.4970e+01	-3.1645e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2963e+02	1.0221e+02	-1.8404e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4211e+02	1.6055e+02	-1.2691e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1975e+02	1.6668e+02	-2.7332e+01
103	0.0000e+00	0.0000e+00	0.0000e+00	1.5210e+02	9.4115e+01	3.6418e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3380e+02	8.1405e+01	6.5903e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7564e+02	1.4595e+02	5.8853e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7109e+02	1.4786e+02	2.9001e+01
102	0.0000e+00	0.0000e+00	0.0000e+00	1.4526e+02	7.6836e+01	8.3478e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1397e+02	5.9536e+01	1.0082e+02
	0.0000e+00	0.0000e+00	0.0000e+00	1.3352e+02	1.2100e+02	8.7593e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6319e+02	1.2932e+02	6.9266e+01
101	0.0000e+00	0.0000e+00	0.0000e+00	-4.9495e+01	7.7037e+01	-8.6903e+01
	0.0000e+00	0.0000e+00	0.0000e+00	8.9062e+00	9.1277e+01	-8.8441e+01
	0.0000e+00	0.0000e+00	0.0000e+00	7.5397e+00	9.2946e+01	-7.0956e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.0070e+01	7.2031e+01	-6.9131e+01
100	0.0000e+00	0.0000e+00	0.0000e+00	1.4418e+02	1.9779e+02	2.8007e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4922e+02	1.7899e+02	4.3519e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6412e+02	2.0198e+02	4.3103e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5816e+02	1.9573e+02	2.3285e+01
99	0.0000e+00	0.0000e+00	0.0000e+00	2.1001e+02	1.3559e+02	-3.2596e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.9176e+02	1.2370e+02	-2.7295e+01

	0.0000e+00	0.0000e+00	0.0000e+00	1.9985e+02	1.7682e+02	-2.2218e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1135e+02	1.5406e+02	-2.6145e+01
98	0.0000e+00	0.0000e+00	0.0000e+00	-7.0006e-01	8.8456e+01	-4.1366e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.2205e+01	7.3162e+01	-3.9612e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.2757e+01	9.3604e+01	-4.9779e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0869e+00	1.0269e+02	-5.4108e+01
97	0.0000e+00	0.0000e+00	0.0000e+00	1.1781e+02	9.2967e+01	-1.9582e+01
	0.0000e+00	0.0000e+00	0.0000e+00	8.1060e+01	8.3705e+01	-2.5290e+01
	0.0000e+00	0.0000e+00	0.0000e+00	8.0492e+01	1.0884e+02	-3.7002e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1125e+02	1.2402e+02	-3.1954e+01
96	0.0000e+00	0.0000e+00	0.0000e+00	1.7277e+02	2.1132e+02	4.5308e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.5802e+02	1.7010e+02	4.2555e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.7109e+02	1.7853e+02	-1.5301e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6601e+02	2.0140e+02	-2.5543e+01
95	0.0000e+00	0.0000e+00	0.0000e+00	1.3829e+02	1.0461e+02	1.6063e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.3479e+02	1.0908e+02	2.4709e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6038e+02	1.5861e+02	2.0219e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6328e+02	1.6583e+02	-3.4674e+00
94	0.0000e+00	0.0000e+00	0.0000e+00	1.4084e+02	1.5266e+02	-2.4401e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1372e+02	1.3374e+02	-4.1194e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0332e+02	1.4911e+02	-5.6561e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2122e+02	1.6310e+02	-4.0338e+01
93	0.0000e+00	0.0000e+00	0.0000e+00	7.0980e+01	1.0546e+02	-4.7493e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.9517e+01	9.4041e+01	-4.9229e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.3991e+01	1.0439e+02	-6.1831e+01
	0.0000e+00	0.0000e+00	0.0000e+00	7.1927e+01	1.1953e+02	-6.0577e+01
92	0.0000e+00	0.0000e+00	0.0000e+00	2.6388e+01	9.8657e+01	-8.7626e+01
	0.0000e+00	0.0000e+00	0.0000e+00	5.6451e+01	1.1173e+02	-8.2588e+01
	0.0000e+00	0.0000e+00	0.0000e+00	6.9214e+01	1.2524e+02	-6.7235e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.0336e+01	1.0633e+02	-7.2250e+01

91	0.0000e+00	0.0000e+00	0.0000e+00	1.4035e+02	1.6598e+02	-2.7478e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5022e+02	1.5671e+02	-9.8847e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.8064e+02	1.7483e+02	-7.3283e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.4069e+02	1.5550e+02	-2.3526e+01
90	0.0000e+00	0.0000e+00	0.0000e+00	1.9557e+02	1.8202e+02	2.4887e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7097e+02	2.0259e+02	8.8497e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.7122e+02	2.1240e+02	3.0993e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6810e+02	1.8052e+02	3.9785e+01
89	0.0000e+00	0.0000e+00	0.0000e+00	1.2330e+02	1.2106e+02	-4.0703e+01
	0.0000e+00	0.0000e+00	0.0000e+00	8.9775e+01	1.0839e+02	-4.7832e+01
	0.0000e+00	0.0000e+00	0.0000e+00	8.8299e+01	1.1799e+02	-6.6780e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1891e+02	1.4376e+02	-5.9867e+01
88	0.0000e+00	0.0000e+00	0.0000e+00	1.9363e+02	2.1919e+02	-4.9893e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5285e+02	2.0219e+02	-4.9563e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6868e+02	2.0813e+02	-4.5362e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5976e+02	1.8638e+02	-4.7555e+01
87	0.0000e+00	0.0000e+00	0.0000e+00	4.2705e+01	-1.8781e+02	2.0175e+01
	0.0000e+00	0.0000e+00	0.0000e+00	6.6610e+01	-1.9483e+02	3.1382e+01
	0.0000e+00	0.0000e+00	0.0000e+00	8.1971e+01	-9.7973e+01	4.7394e+01
	0.0000e+00	0.0000e+00	0.0000e+00	6.9444e+01	-1.1959e+02	3.2621e+01
86	0.0000e+00	0.0000e+00	0.0000e+00	1.9172e+02	1.1752e+02	2.4989e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.0893e+02	1.2920e+02	6.5669e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.1126e+02	1.0625e+02	4.1273e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6089e+02	6.2531e+01	5.3473e+01
85	0.0000e+00	0.0000e+00	0.0000e+00	2.1826e+02	1.4239e+02	2.0411e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.0879e+02	1.5424e+02	6.2666e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.9643e+02	1.5372e+02	2.4950e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.9598e+02	1.2649e+02	3.5307e+01
84	0.0000e+00	0.0000e+00	0.0000e+00	1.5243e+02	2.0389e+02	3.5988e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2474e+02	2.0521e+02	2.3678e+01

	0.0000e+00	0.0000e+00	0.0000e+00	1.2838e+02	1.8637e+02	3.3124e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3435e+02	1.7083e+02	3.8456e+01
83	0.0000e+00	0.0000e+00	0.0000e+00	-4.8126e+01	-4.2687e+01	-1.0649e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1103e+01	-4.3763e+01	-1.5078e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7140e+01	-2.3649e+01	-2.3184e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.0317e+01	-7.2819e+00	-1.8777e+01
82	0.0000e+00	0.0000e+00	0.0000e+00	-1.4552e+01	-4.4798e+01	-1.5458e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7422e+00	-4.6540e+01	-1.6947e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5552e+00	-3.2622e+01	-2.1654e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7684e+01	-2.4241e+01	-2.0208e+01
81	0.0000e+00	0.0000e+00	0.0000e+00	1.3643e+00	-4.7300e+01	-1.6194e+01
	0.0000e+00	0.0000e+00	0.0000e+00	5.1429e+00	-4.8020e+01	-1.5244e+01
	0.0000e+00	0.0000e+00	0.0000e+00	7.0373e+00	-3.7414e+01	-1.7723e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1574e+00	-3.2869e+01	-1.8707e+01
80	0.0000e+00	0.0000e+00	0.0000e+00	6.3950e+00	-4.8419e+01	-1.3757e+01
	0.0000e+00	0.0000e+00	0.0000e+00	5.5392e+00	-4.8926e+01	-1.1791e+01
	0.0000e+00	0.0000e+00	0.0000e+00	8.0508e+00	-3.9857e+01	-1.3013e+01
	0.0000e+00	0.0000e+00	0.0000e+00	7.6331e+00	-3.7867e+01	-1.4994e+01
79	0.0000e+00	0.0000e+00	0.0000e+00	5.6564e+00	-4.9123e+01	-1.0064e+01
	0.0000e+00	0.0000e+00	0.0000e+00	3.0025e+00	-4.9670e+01	-7.9080e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.6913e+00	-4.1346e+01	-8.6803e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.2090e+00	-4.0410e+01	-1.0842e+01
78	0.0000e+00	0.0000e+00	0.0000e+00	3.0537e+00	-4.9771e+01	-6.1648e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.7428e-01	-5.0934e+01	-4.1307e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.0976e+00	-4.2677e+01	-5.1118e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.2798e+00	-4.1944e+01	-7.1508e+00
77	0.0000e+00	0.0000e+00	0.0000e+00	6.6313e-01	-5.1029e+01	-2.4769e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8603e+00	-5.3361e+01	-7.5572e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4250e+00	-4.4246e+01	-2.2904e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.2737e-01	-4.3476e+01	-4.0578e+00

76	0.0000e+00	0.0000e+00	0.0000e+00	-1.8260e+00	-5.3168e+01	2.3866e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.3061e+00	-5.6598e+01	5.0553e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.9978e+00	-4.2668e+01	9.6337e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4992e+00	-4.5182e+01	-2.8392e-01
75	0.0000e+00	0.0000e+00	0.0000e+00	-6.1382e+00	-5.5410e+01	1.7965e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.3045e+00	-5.3423e+01	-4.6993e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.7921e+00	-4.4608e+01	2.4262e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.6846e+00	-4.3679e+01	2.1080e+00
74	0.0000e+00	0.0000e+00	0.0000e+00	-3.7879e+00	-5.4706e+01	1.3675e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8506e-02	-5.1646e+01	1.3400e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.1891e-02	-4.4721e+01	2.0469e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3671e+00	-4.3032e+01	8.8066e-01
73	0.0000e+00	0.0000e+00	0.0000e+00	-4.9059e-01	-5.1869e+01	2.7476e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.8453e+00	-5.0447e+01	5.1472e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.1460e+00	-4.3079e+01	6.3265e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.2356e+00	-4.3775e+01	3.8986e+00
72	0.0000e+00	0.0000e+00	0.0000e+00	3.3573e+00	-5.0315e+01	6.9755e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.2461e+00	-4.9442e+01	9.5313e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.9492e+00	-4.1127e+01	1.0664e+01
	0.0000e+00	0.0000e+00	0.0000e+00	6.9188e+00	-4.2271e+01	8.0701e+00
71	0.0000e+00	0.0000e+00	0.0000e+00	6.5979e+00	-4.9195e+01	1.1407e+01
	0.0000e+00	0.0000e+00	0.0000e+00	8.4205e+00	-4.8505e+01	1.3664e+01
	0.0000e+00	0.0000e+00	0.0000e+00	9.7247e+00	-3.8212e+01	1.5209e+01
	0.0000e+00	0.0000e+00	0.0000e+00	9.7214e+00	-4.0487e+01	1.2900e+01
70	0.0000e+00	0.0000e+00	0.0000e+00	6.7279e+00	-4.8095e+01	1.5326e+01
	0.0000e+00	0.0000e+00	0.0000e+00	3.7161e+00	-4.7215e+01	1.6424e+01
	0.0000e+00	0.0000e+00	0.0000e+00	3.4101e+00	-3.3036e+01	1.9158e+01
	0.0000e+00	0.0000e+00	0.0000e+00	8.9016e+00	-3.7781e+01	1.7998e+01
69	0.0000e+00	0.0000e+00	0.0000e+00	-5.7349e-01	-4.6559e+01	1.7354e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2179e+01	-4.4597e+01	1.6050e+01

	0.0000e+00	0.0000e+00	0.0000e+00	-1.5373e+01	-2.4187e+01	2.1014e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6638e-01	-3.2790e+01	2.2296e+01
68	0.0000e+00	0.0000e+00	0.0000e+00	-1.8967e+01	-4.3664e+01	1.5723e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.7529e+01	-4.2535e+01	1.1494e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.9430e+01	-6.1902e+00	2.0100e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5187e+01	-2.3582e+01	2.4389e+01
67	0.0000e+00	0.0000e+00	0.0000e+00	1.4437e+00	-4.6411e+01	-2.4187e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.6519e+01	-4.9727e+01	-3.8785e+01
	0.0000e+00	0.0000e+00	0.0000e+00	9.0545e+00	-2.3811e+01	-3.9676e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2022e+01	-2.5514e+01	-2.5017e+01
66	0.0000e+00	0.0000e+00	0.0000e+00	3.1278e+01	-4.7674e+01	-4.5033e+01
	0.0000e+00	0.0000e+00	0.0000e+00	3.1831e+01	-4.7921e+01	-6.3877e+01
	0.0000e+00	0.0000e+00	0.0000e+00	9.8585e+00	-1.6155e+01	-6.0343e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4061e+01	-2.3121e+01	-4.1582e+01
65	0.0000e+00	0.0000e+00	0.0000e+00	2.0908e+01	-4.8043e+01	-7.4115e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2825e+01	-3.3303e+01	-9.4017e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.3263e+01	-6.8483e+00	-8.1443e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4342e+00	-1.5922e+01	-6.2201e+01
64	0.0000e+00	0.0000e+00	0.0000e+00	-4.4443e+01	-4.6723e+01	-1.0313e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8259e+02	-4.6290e+01	-9.0583e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9064e+02	5.8727e+01	-6.0355e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0671e+02	1.0634e+00	-7.5339e+01
63	0.0000e+00	0.0000e+00	0.0000e+00	3.6555e+01	-1.8662e+02	7.6924e+01
	0.0000e+00	0.0000e+00	0.0000e+00	5.1807e+01	-1.9217e+02	5.8426e+01
	0.0000e+00	0.0000e+00	0.0000e+00	3.4836e+01	-9.6691e+01	5.8134e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.9191e+01	-1.0135e+02	7.5254e+01
62	0.0000e+00	0.0000e+00	0.0000e+00	6.1249e+01	-1.9564e+02	5.8417e+01
	0.0000e+00	0.0000e+00	0.0000e+00	4.5906e+01	-1.9474e+02	4.1012e+01
	0.0000e+00	0.0000e+00	0.0000e+00	3.7318e+01	-9.8972e+01	4.1665e+01
	0.0000e+00	0.0000e+00	0.0000e+00	3.5707e+01	-1.0016e+02	5.8195e+01

61	0.0000e+00	0.0000e+00	0.0000e+00	7.0924e+01	-1.9690e+02	3.9095e+01
	0.0000e+00	0.0000e+00	0.0000e+00	3.6200e+01	-1.8955e+02	2.2346e+01
	0.0000e+00	0.0000e+00	0.0000e+00	3.4873e+01	-1.0153e+02	2.8010e+01
	0.0000e+00	0.0000e+00	0.0000e+00	3.7016e+01	-1.0773e+02	4.4539e+01
60	0.0000e+00	0.0000e+00	0.0000e+00	6.1191e+01	-1.9233e+02	2.3786e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.7255e+01	-1.8342e+02	9.3522e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.5437e+01	-1.0180e+02	1.6727e+01
	0.0000e+00	0.0000e+00	0.0000e+00	3.1472e+01	-1.1029e+02	3.0964e+01
59	0.0000e+00	0.0000e+00	0.0000e+00	4.3487e+01	-1.8828e+02	1.3034e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4824e+01	-1.7917e+02	2.6944e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.4243e+01	-1.0010e+02	1.0433e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.0543e+01	-1.0940e+02	2.0921e+01
58	0.0000e+00	0.0000e+00	0.0000e+00	2.7643e+01	-1.8350e+02	8.9547e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.2706e+01	-1.7481e+02	-1.0344e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.7911e+00	-1.0171e+02	4.9441e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.3407e+01	-1.0788e+02	1.5004e+01
57	0.0000e+00	0.0000e+00	0.0000e+00	1.3882e+01	-1.8214e+02	6.1325e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.8164e+00	-1.7652e+02	8.0466e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.3384e+00	-1.0515e+02	2.7165e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.4701e+00	-1.0613e+02	9.3223e+00
56	0.0000e+00	0.0000e+00	0.0000e+00	9.7440e+00	-1.8159e+02	-1.0460e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0105e+01	-1.8002e+02	-5.3272e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.1265e+00	-1.0302e+02	-3.0385e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.4334e+00	-1.0973e+02	3.6474e+00
55	0.0000e+00	0.0000e+00	0.0000e+00	5.5925e+00	-1.8080e+02	8.9315e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3658e+01	-1.8068e+02	-7.0622e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.3776e+00	-1.0408e+02	-6.8790e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4330e-01	-1.0546e+02	1.7410e+00
54	0.0000e+00	0.0000e+00	0.0000e+00	8.4172e+00	-1.8163e+02	6.2888e-02
	0.0000e+00	0.0000e+00	0.0000e+00	2.4556e+01	-1.8377e+02	-9.5491e+00

	0.0000e+00	0.0000e+00	0.0000e+00	9.9406e+00	-1.0510e+02	-1.0958e+01
	0.0000e+00	0.0000e+00	0.0000e+00	5.4538e+00	-1.0399e+02	-1.8208e+00
53	0.0000e+00	0.0000e+00	0.0000e+00	1.3849e+01	-1.8590e+02	-3.5699e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.5012e+01	-1.8850e+02	-1.4621e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7182e+01	-1.0532e+02	-1.6006e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2101e+01	-1.0434e+02	-6.0850e+00
52	0.0000e+00	0.0000e+00	0.0000e+00	2.4690e+01	-1.9097e+02	-1.0222e+01
	0.0000e+00	0.0000e+00	0.0000e+00	4.7319e+01	-1.9257e+02	-2.4911e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.6454e+01	-1.0427e+02	-2.4418e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.0574e+01	-1.0605e+02	-1.1818e+01
51	0.0000e+00	0.0000e+00	0.0000e+00	3.7558e+01	-1.9647e+02	-2.3334e+01
	0.0000e+00	0.0000e+00	0.0000e+00	5.1605e+01	-1.9524e+02	-3.8894e+01
	0.0000e+00	0.0000e+00	0.0000e+00	3.2833e+01	-1.0156e+02	-3.6922e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.7936e+01	-1.0716e+02	-2.0420e+01
50	0.0000e+00	0.0000e+00	0.0000e+00	5.0604e+01	-1.9653e+02	-3.8403e+01
	0.0000e+00	0.0000e+00	0.0000e+00	4.9195e+01	-1.9313e+02	-5.6355e+01
	0.0000e+00	0.0000e+00	0.0000e+00	3.3371e+01	-9.5179e+01	-5.1938e+01
	0.0000e+00	0.0000e+00	0.0000e+00	3.2991e+01	-1.0335e+02	-3.3247e+01
49	0.0000e+00	0.0000e+00	0.0000e+00	5.2196e+01	-1.9335e+02	-5.4822e+01
	0.0000e+00	0.0000e+00	0.0000e+00	3.2458e+01	-1.8516e+02	-7.3093e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8654e+01	-9.7562e+01	-7.0061e+01
	0.0000e+00	0.0000e+00	0.0000e+00	3.1370e+01	-9.7502e+01	-5.1048e+01
48	0.0000e+00	0.0000e+00	0.0000e+00	5.7239e+01	-1.9091e+02	-5.5908e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.3517e+01	-2.7943e+02	-8.7962e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.1304e+01	-5.0496e+01	-1.0263e+02
	0.0000e+00	0.0000e+00	0.0000e+00	4.1446e+00	-1.0816e+02	-6.9910e+01
47	0.0000e+00	0.0000e+00	0.0000e+00	-3.4443e+01	-3.6867e+01	9.1627e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.9112e+01	-4.9406e+01	7.2003e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6543e+00	-1.7132e+01	5.8729e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.7531e+01	-4.9227e+00	7.8684e+01

46	0.0000e+00	0.0000e+00	0.0000e+00	3.0182e+01	-4.9657e+01	6.1519e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.9381e+01	-4.9072e+01	4.3072e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2535e+01	-2.4909e+01	3.9810e+01
	0.0000e+00	0.0000e+00	0.0000e+00	7.5290e+00	-1.7831e+01	5.8169e+01
45	0.0000e+00	0.0000e+00	0.0000e+00	2.5205e+01	-5.1092e+01	3.6798e+01
	0.0000e+00	0.0000e+00	0.0000e+00	5.2702e-02	-4.7386e+01	2.2776e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2511e+01	-2.7262e+01	2.3983e+01
	0.0000e+00	0.0000e+00	0.0000e+00	8.0630e+00	-2.5571e+01	3.7944e+01
44	0.0000e+00	0.0000e+00	0.0000e+00	1.0255e+01	-3.2211e+01	-1.6564e+01
	0.0000e+00	0.0000e+00	0.0000e+00	9.4689e+00	-3.4616e+01	-1.3670e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2228e+01	-2.2909e+01	-1.6683e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2979e+01	-1.8993e+01	-1.9576e+01
43	0.0000e+00	0.0000e+00	0.0000e+00	9.3837e+00	-3.5297e+01	-1.1825e+01
	0.0000e+00	0.0000e+00	0.0000e+00	7.1767e+00	-3.6807e+01	-9.4993e+00
	0.0000e+00	0.0000e+00	0.0000e+00	9.2098e+00	-2.6406e+01	-1.1231e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1838e+01	-2.4375e+01	-1.3540e+01
42	0.0000e+00	0.0000e+00	0.0000e+00	5.9690e+00	-3.7053e+01	-8.0474e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.4966e+00	-3.8451e+01	-6.4733e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.5868e+00	-2.8804e+01	-7.8971e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.9283e+00	-2.7319e+01	-9.4384e+00
41	0.0000e+00	0.0000e+00	0.0000e+00	2.1991e+00	-3.8653e+01	-5.4754e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.6561e+00	-4.0446e+01	-4.4946e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.4116e+00	-3.1811e+01	-6.4759e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.3608e+00	-2.9467e+01	-7.4934e+00
40	0.0000e+00	0.0000e+00	0.0000e+00	2.9783e-01	-4.1387e+01	-4.0613e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3544e+00	-4.9082e+01	-1.2801e+00
	0.0000e+00	0.0000e+00	0.0000e+00	9.9264e+00	-3.2296e+01	-4.6933e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.1717e+00	-3.2046e+01	-8.0790e+00
39	0.0000e+00	0.0000e+00	0.0000e+00	-8.2374e+00	-4.5982e+01	3.9844e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.4846e+00	-4.0520e+01	1.9276e+00

	0.0000e+00	0.0000e+00	0.0000e+00	-1.3922e+01	-3.7260e+01	3.6983e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.5938e+00	-3.4732e+01	4.9305e+00
38	0.0000e+00	0.0000e+00	0.0000e+00	-3.8299e-01	-4.2976e+01	1.3591e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.4315e+00	-4.0222e+01	4.1174e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.3006e+00	-3.1318e+01	6.9159e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.2488e+00	-3.3858e+01	3.9425e+00
37	0.0000e+00	0.0000e+00	0.0000e+00	4.8312e+00	-3.9785e+01	5.3635e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.1056e+00	-3.7984e+01	7.5748e+00
	0.0000e+00	0.0000e+00	0.0000e+00	9.1119e+00	-2.8117e+01	9.8188e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.3621e+00	-3.0654e+01	7.5787e+00
36	0.0000e+00	0.0000e+00	0.0000e+00	8.6289e+00	-3.7693e+01	9.2343e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.1217e+01	-3.5759e+01	1.1811e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3815e+01	-2.4668e+01	1.4138e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1275e+01	-2.7266e+01	1.1566e+01
35	0.0000e+00	0.0000e+00	0.0000e+00	1.1389e+01	-3.5222e+01	1.3753e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2468e+01	-3.2466e+01	1.6718e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5103e+01	-1.9199e+01	2.0230e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4513e+01	-2.3466e+01	1.7247e+01
34	0.0000e+00	0.0000e+00	0.0000e+00	1.0200e+01	-3.1294e+01	1.8622e+01
	0.0000e+00	0.0000e+00	0.0000e+00	6.5902e+00	-2.6421e+01	2.1400e+01
	0.0000e+00	0.0000e+00	0.0000e+00	8.3766e+00	-9.7596e+00	2.7522e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3432e+01	-1.7508e+01	2.4715e+01
33	0.0000e+00	0.0000e+00	0.0000e+00	1.5250e-01	-2.4310e+01	2.2704e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1878e+01	-1.5647e+01	2.4362e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2030e+01	5.7894e+00	3.4755e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.9400e+00	-7.3815e+00	3.3131e+01
32	0.0000e+00	0.0000e+00	0.0000e+00	9.7665e+00	-1.0028e+01	-4.1063e+01
	0.0000e+00	0.0000e+00	0.0000e+00	8.4336e+00	-4.3650e+00	-5.4289e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.2369e+00	1.1384e+01	-4.6975e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8203e+00	3.6547e+00	-3.3867e+01

31	0.0000e+00	0.0000e+00	0.0000e+00	-4.6460e+00	-2.2217e+00	-6.4537e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.1247e+01	1.8180e+01	-7.6567e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.0365e+01	2.7561e+01	-5.8766e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7165e+01	1.4612e+01	-4.7590e+01
30	0.0000e+00	0.0000e+00	0.0000e+00	3.5561e+01	-6.8409e+01	5.2133e+01
	0.0000e+00	0.0000e+00	0.0000e+00	3.7663e+01	-7.0797e+01	3.8155e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.4454e+01	-2.9708e+01	3.3173e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.2241e+01	-2.2514e+01	4.6618e+01
29	0.0000e+00	0.0000e+00	0.0000e+00	3.6649e+01	-7.5522e+01	3.5861e+01
	0.0000e+00	0.0000e+00	0.0000e+00	3.5403e+01	-7.5561e+01	2.4265e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.3039e+01	-3.5985e+01	2.2294e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.6726e+01	-3.2849e+01	3.3336e+01
28	0.0000e+00	0.0000e+00	0.0000e+00	3.1005e+01	-7.9920e+01	2.3088e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.7203e+01	-7.6855e+01	1.3645e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6951e+01	-3.9021e+01	1.4475e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.2756e+01	-3.8659e+01	2.3432e+01
27	0.0000e+00	0.0000e+00	0.0000e+00	2.0982e+01	-8.0964e+01	1.5139e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7168e+01	-7.7262e+01	8.3130e+00
	0.0000e+00	0.0000e+00	0.0000e+00	9.5996e+00	-3.9380e+01	1.0406e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5132e+01	-4.0783e+01	1.6803e+01
26	0.0000e+00	0.0000e+00	0.0000e+00	1.3650e+01	-8.0049e+01	1.2054e+01
	0.0000e+00	0.0000e+00	0.0000e+00	8.9378e+00	-7.8032e+01	6.1751e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.2754e+00	-3.6013e+01	9.2065e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.0098e+00	-4.0743e+01	1.4593e+01
25	0.0000e+00	0.0000e+00	0.0000e+00	6.7170e+00	-7.9107e+01	1.3708e+01
	0.0000e+00	0.0000e+00	0.0000e+00	5.0140e+00	-7.6984e+01	7.1679e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.0208e+00	-4.1636e+01	5.5101e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.1184e+00	-3.6672e+01	1.2774e+01
24	0.0000e+00	0.0000e+00	0.0000e+00	8.6808e+00	-8.1737e+01	-8.2526e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.2020e+00	-8.0174e+01	-9.3304e+00

	0.0000e+00	0.0000e+00	0.0000e+00	1.1438e+01	-4.4204e+01	-1.1040e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0387e+00	-4.2773e+01	-7.3357e+00
23	0.0000e+00	0.0000e+00	0.0000e+00	1.4894e+00	-7.9059e+01	-3.3879e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.6169e+00	-8.3504e+01	-8.1084e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.0012e+00	-4.2464e+01	-7.9129e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.4024e+00	-4.6961e+01	-3.5805e+00
22	0.0000e+00	0.0000e+00	0.0000e+00	7.3521e+00	-8.2248e+01	-4.4084e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.3318e+01	-8.2590e+01	-1.0535e+01
	0.0000e+00	0.0000e+00	0.0000e+00	7.6614e+00	-4.2038e+01	-1.0161e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8859e+00	-4.2560e+01	-4.5914e+00
21	0.0000e+00	0.0000e+00	0.0000e+00	1.3924e+01	-8.1812e+01	-7.7091e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.0599e+01	-8.2225e+01	-1.5064e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3107e+01	-4.0598e+01	-1.4352e+01
	0.0000e+00	0.0000e+00	0.0000e+00	7.9839e+00	-4.2040e+01	-7.5275e+00
20	0.0000e+00	0.0000e+00	0.0000e+00	2.1132e+01	-8.1235e+01	-1.3897e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.9945e+01	-8.0090e+01	-2.3342e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.9483e+01	-3.7893e+01	-2.1372e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4378e+01	-4.0729e+01	-1.2411e+01
19	0.0000e+00	0.0000e+00	0.0000e+00	2.7214e+01	-7.9157e+01	-2.3809e+01
	0.0000e+00	0.0000e+00	0.0000e+00	3.5265e+01	-7.5531e+01	-3.4599e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.3011e+01	-3.2183e+01	-3.0744e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.9565e+01	-3.7347e+01	-1.9915e+01
18	0.0000e+00	0.0000e+00	0.0000e+00	3.1891e+01	-7.3366e+01	-3.6079e+01
	0.0000e+00	0.0000e+00	0.0000e+00	3.4871e+01	-6.8168e+01	-4.9844e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.9482e+01	-2.2533e+01	-4.3618e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1683e+01	-3.1355e+01	-2.9750e+01
17	0.0000e+00	0.0000e+00	0.0000e+00	2.6751e+01	-6.4958e+01	-5.3189e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1212e+01	-5.5670e+01	-7.1911e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1319e+00	-8.7118e+00	-6.1991e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5122e+01	-2.1425e+01	-4.3202e+01

16	0.0000e+00	0.0000e+00	0.0000e+00	4.7863e+00	-3.3803e+00	5.2623e+01
	0.0000e+00	0.0000e+00	0.0000e+00	6.2944e+00	-1.0597e+01	4.0165e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.7010e+00	3.1310e+00	3.1717e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0010e+01	1.1807e+01	4.4168e+01
15	0.0000e+00	0.0000e+00	0.0000e+00	5.3516e+00	-1.4196e+01	3.3389e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6193e+01	-1.4445e+01	2.3574e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4252e+01	-2.1489e+00	2.1951e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.5513e+00	6.7745e-01	3.1755e+01
14	0.0000e+00	0.0000e+00	0.0000e+00	4.1055e+00	-2.6489e+01	-2.1120e+01
	0.0000e+00	0.0000e+00	0.0000e+00	8.1878e+00	-3.0919e+01	-1.8228e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1224e+01	-1.7056e+01	-2.3716e+01
	0.0000e+00	0.0000e+00	0.0000e+00	6.5028e+00	-9.7882e+00	-2.6619e+01
13	0.0000e+00	0.0000e+00	0.0000e+00	1.3715e+01	-2.2007e+01	-1.6093e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0382e+01	-2.4343e+01	-1.1276e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3874e+01	-3.1560e+01	-1.3372e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.9401e+01	-2.9304e+01	-1.8302e+01
12	0.0000e+00	0.0000e+00	0.0000e+00	-7.7500e+00	-2.4010e+01	-9.5070e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.1502e+01	-1.6617e+01	-1.0116e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.8674e+00	-3.8516e+01	-8.7289e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.8247e+00	-3.2815e+01	-8.7873e+00
11	0.0000e+00	0.0000e+00	0.0000e+00	-5.8398e+00	-2.2690e+01	7.1867e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2977e+01	-3.4386e+01	1.1192e+01
	0.0000e+00	0.0000e+00	0.0000e+00	5.6122e+00	-3.5319e+01	1.2355e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1008e+01	-4.3409e+01	5.0945e+00
10	0.0000e+00	0.0000e+00	0.0000e+00	5.8352e+00	-2.9733e+01	7.9731e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.8544e+00	-2.8072e+01	9.1841e+00
	0.0000e+00	0.0000e+00	0.0000e+00	9.7642e+00	-3.4486e+01	1.1843e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.8760e+00	-3.8101e+01	1.0523e+01
9	0.0000e+00	0.0000e+00	0.0000e+00	8.2176e+00	-2.7020e+01	9.1049e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0704e+01	-2.5444e+01	1.1947e+01

	0.0000e+00	0.0000e+00	0.0000e+00	1.5010e+01	-3.2351e+01	1.3389e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0047e+01	-3.3220e+01	1.0467e+01
8	0.0000e+00	0.0000e+00	0.0000e+00	1.2463e+01	-2.4561e+01	1.2236e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6205e+01	-2.2501e+01	1.6835e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1409e+01	-2.8968e+01	1.8893e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6766e+01	-3.0394e+01	1.4181e+01
7	0.0000e+00	0.0000e+00	0.0000e+00	1.6149e+01	-2.1046e+01	1.7739e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8306e+01	-1.7136e+01	2.3839e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.4472e+01	-2.2700e+01	2.7913e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.2083e+01	-2.6393e+01	2.1660e+01
6	0.0000e+00	0.0000e+00	0.0000e+00	1.5521e+01	-1.4947e+01	2.5162e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2134e+01	-7.5613e+00	3.2631e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.9416e+01	-1.2203e+01	4.0000e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.2488e+01	-1.9386e+01	3.2367e+01
5	0.0000e+00	0.0000e+00	0.0000e+00	3.1231e+00	-3.4466e+01	-6.9203e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.0342e+00	-3.4016e+01	-8.9335e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.0864e+00	-2.5514e+01	-8.9754e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.4645e+00	-2.4672e+01	-7.2336e+00
4	0.0000e+00	0.0000e+00	0.0000e+00	8.3152e+00	-3.3742e+01	-8.8351e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.3510e+01	-3.2810e+01	-1.2256e+01
	0.0000e+00	0.0000e+00	0.0000e+00	8.9400e+00	-2.4709e+01	-1.1287e+01
	0.0000e+00	0.0000e+00	0.0000e+00	6.4993e+00	-2.5637e+01	-8.0176e+00
3	0.0000e+00	0.0000e+00	0.0000e+00	1.8485e+01	-2.7400e+01	-2.0725e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.2149e+01	-2.3013e+01	-2.6830e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5373e+01	-1.6761e+01	-2.2905e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3885e+01	-2.0843e+01	-1.6824e+01
2	0.0000e+00	0.0000e+00	0.0000e+00	1.9683e+01	-2.0250e+01	-3.0485e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7647e+01	-1.2983e+01	-3.8194e+01
	0.0000e+00	0.0000e+00	0.0000e+00	9.4670e+00	-7.8917e+00	-3.1444e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3370e+01	-1.5257e+01	-2.3699e+01

1	0.0000e+00	0.0000e+00	0.0000e+00	-3.4424e+01	1.2611e+01	1.7791e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5383e+01	1.4163e+01	1.4100e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.6233e+01	-8.0891e+00	1.8886e+01

2.10.8 Condizione "(1) Permanente"

Elemento	Nx (kg)	Ny (kg)	Nxy (kg)	Mx (kgxcm)	My (kgxcm)	Mxy (kgxcm)
340	-6.6458e-03	-1.9752e-03	1.2443e-02	9.5968e+00	-3.3941e+00	-9.2457e+00
	-9.4942e-03	-1.2368e-01	-1.0049e-02	-1.3570e+01	-2.9307e+01	-6.2780e+00
	5.3044e-03	-1.2461e-01	-4.9136e-03	1.7079e+00	2.2505e+01	-1.2336e+01
	2.4561e-03	-1.3038e-03	7.9363e-03	4.1075e+00	4.9765e+00	-1.7300e+01
339	-8.0072e-02	5.1535e-03	-2.3009e-03	-2.2507e+00	4.2647e+00	1.3585e+01
	-8.0072e-02	2.5112e-03	-5.9946e-03	5.4215e+00	1.2710e+00	1.3098e+01
	0.0000e+00	-8.7849e-03	-1.0408e-02	1.1578e+00	4.3423e+00	1.1936e+01
	0.0000e+00	-4.9460e-04	-1.3211e-02	-1.1503e-01	5.1396e+00	1.3009e+01
338	-3.9518e-02	3.6070e-03	2.2738e-03	1.0123e+00	2.7768e+00	9.8913e+00
	-3.9518e-02	4.1060e-03	-4.1272e-03	4.6212e+00	1.8395e+00	7.4697e+00
	0.0000e+00	-1.3128e-02	-1.2213e-02	1.8375e+00	3.6832e+00	7.2484e+00
	0.0000e+00	-7.8822e-03	-9.0175e-03	-3.6916e-01	5.0491e+00	1.0009e+01
337	-2.6113e-03	5.5054e-04	1.2027e-03	1.3967e+00	2.0149e+00	5.6080e+00
	-2.6113e-03	-3.9043e-03	-1.0460e-03	-2.8717e+00	-6.7958e-01	4.2664e+00
	0.0000e+00	-1.7199e-02	-1.0441e-02	-8.7640e-01	-1.7911e+00	2.3590e+00
	0.0000e+00	-9.4208e-03	-8.4046e-03	-3.8621e-02	4.6670e+00	3.0550e+00
336	-1.3599e-02	-2.2325e-03	-3.3235e-03	1.8468e-01	-7.6929e-01	4.4990e+00
	-1.3599e-02	9.7047e-03	1.1073e-02	4.6078e-01	6.4267e-02	4.2570e+00
	-3.1324e-17	3.9716e-03	1.3056e-02	3.5675e-01	5.8622e-01	4.7092e+00
	-2.6072e-17	-6.8189e-03	-2.4441e-03	-2.2427e-01	2.7580e-01	4.7995e+00
335	-2.3955e-02	-1.0705e-03	2.3112e-04	1.5600e+00	1.7120e+00	2.6863e+00
	-2.3955e-02	-4.8494e-03	-1.7742e-02	1.9214e+00	1.8405e+00	1.8161e+00
	-2.7356e-17	6.9730e-03	-1.2725e-04	1.6079e+00	3.7102e+00	2.9673e+00
	-3.2599e-17	8.9986e-03	1.6154e-02	-2.4658e-01	9.9078e-01	4.0239e+00
334	1.2159e-02	-4.4706e-03	-6.0649e-03	8.7106e-01	1.5769e+00	-6.0793e-01

	1.2159e-02	-1.5550e-03	7.4725e-04	-4.2371e-01	-4.5203e-01	-6.2074e-01
	0.0000e+00	1.0145e-02	-3.8873e-03	-4.2534e-02	6.2339e-02	-1.1155e+00
	0.0000e+00	9.6918e-03	-9.8407e-03	3.2617e-02	3.5376e-01	-1.3018e+00
333	4.3325e-02	-3.3604e-03	-8.3680e-03	9.2680e-02	1.7314e-01	-1.0931e+00
	4.3325e-02	-6.9999e-03	1.0928e-03	-3.9612e-03	1.8233e-01	-1.2612e+00
	-1.1018e-17	5.4096e-03	8.6671e-04	-6.6803e-03	4.9022e-01	-1.0173e+00
	-9.9873e-18	1.2356e-02	-5.5342e-03	-5.0547e-02	-3.6803e-01	-9.3854e-01
332	5.9089e-02	-8.0977e-03	-2.0492e-03	6.0318e-01	2.6458e-01	-1.5702e+00
	5.9089e-02	-3.1560e-03	-5.5751e-03	9.4932e-02	3.8680e-01	-1.8461e+00
	-2.1529e-18	5.5371e-03	-5.2704e-03	-4.0974e-02	5.6825e-01	-1.8459e+00
	-3.3926e-18	3.7540e-03	2.4286e-03	2.2288e-01	3.5560e-01	-1.5357e+00
331	7.9319e-02	-4.1769e-04	-1.3029e-02	7.0855e-01	7.4453e-02	-2.1853e+00
	7.9319e-02	-5.5803e-03	2.6030e-03	-1.5233e-01	-2.9528e-02	-2.3059e+00
	0.0000e+00	-3.4065e-03	8.0272e-03	-6.0118e-02	-7.2956e-03	-2.5065e+00
	0.0000e+00	2.9967e-03	-2.0030e-03	2.3941e-01	3.8538e-01	-2.3191e+00
330	6.7924e-02	-5.9026e-03	4.6643e-03	-3.7649e-01	-1.0913e-01	-2.4194e+00
	6.7924e-02	-3.3742e-04	-3.2484e-03	4.6416e-01	7.2865e-02	-2.6218e+00
	0.0000e+00	-2.9730e-04	1.7124e-04	9.0478e-02	6.2068e-01	-2.3668e+00
	0.0000e+00	-5.8092e-03	1.2881e-02	-1.0839e-01	-1.3426e-01	-2.1840e+00
329	4.8659e-02	1.3963e-04	-4.4699e-03	3.9496e-01	-2.0504e-02	-2.6180e+00
	4.8659e-02	-4.1608e-03	1.0278e-02	1.3250e-01	-2.9996e-01	-2.9506e+00
	0.0000e+00	-3.9102e-03	1.3005e-02	-2.6342e-02	1.3247e-03	-3.2030e+00
	0.0000e+00	-6.2092e-04	1.6942e-03	1.5662e-01	5.3693e-01	-2.8279e+00
328	-1.0941e-02	-4.2016e-03	8.6519e-03	-1.5638e+00	-1.6246e-01	-3.3443e+00
	-1.0941e-02	-1.2500e-03	3.8861e-03	3.4949e+00	-7.8737e-02	-4.7118e+00
	0.0000e+00	-6.9301e-04	1.4639e-02	7.5651e-01	3.5041e+00	-3.8537e+00
	0.0000e+00	-3.4589e-03	1.9452e-02	-3.7307e-01	3.1868e-01	-2.4531e+00
327	-7.7440e-02	-1.3722e-03	6.8563e-04	5.4993e-01	4.7895e-01	-5.7715e+00
	-7.7440e-02	2.4554e-03	4.1106e-03	3.3691e+00	2.9465e-01	-8.8342e+00
	0.0000e+00	2.9837e-03	1.9883e-02	7.0672e-01	6.2903e+00	-8.3172e+00

	0.0000e+00	-5.7972e-04	1.6797e-02	-3.2343e-02	4.2644e+00	-5.2583e+00
326	-1.3525e-01	2.5112e-03	5.1996e-03	4.5955e+00	1.4710e+00	-1.0957e+01
	-1.3525e-01	3.5939e-03	-1.3089e-03	-1.8684e+00	2.3398e+00	-1.3313e+01
	0.0000e+00	3.7646e-03	9.0368e-03	2.9936e-02	9.2414e+00	-1.2560e+01
	0.0000e+00	2.8526e-03	1.6137e-02	2.9424e-01	7.3695e+00	-1.0237e+01
325	-1.5659e-01	3.5369e-03	-4.6600e-03	2.1670e+01	4.4726e+00	-1.2602e+01
	-1.5659e-01	-9.9187e-03	-1.4312e-03	-3.3383e+01	-1.2926e+01	-4.5489e+00
	0.0000e+00	-9.9187e-03	6.5278e-03	-5.2457e+00	1.1112e+01	-8.5686e+00
	0.0000e+00	3.6762e-03	3.9841e-03	2.1060e+00	9.0672e+00	-1.6624e+01
324	0.0000e+00	7.9709e-03	-8.7817e-03	1.4163e-02	1.2891e-01	-1.2012e+00
	0.0000e+00	-9.3273e-03	-8.6838e-03	-9.9970e-02	2.2928e+00	-1.4364e+00
	-1.1090e-04	7.8432e-06	-3.8363e-03	-1.7161e-01	9.7352e-01	-8.3480e-02
323	-1.5609e-02	-1.7024e-01	3.0468e-02	1.5491e+01	2.6577e+01	-1.1018e+01
	-1.0408e-02	4.8914e-04	1.8691e-05	-9.0397e+00	1.3740e-01	-1.2333e+01
	-4.4671e-03	2.1372e-02	4.9222e-02	9.6946e-01	-1.0745e+01	-2.0945e+01
	7.3398e-04	-1.6515e-01	4.4082e-02	3.1818e+00	-2.8449e+01	-1.4031e+01
322	0.0000e+00	6.0398e-03	-3.7549e-02	-7.1965e-01	-1.7284e-01	1.7213e+01
	0.0000e+00	1.1519e-03	-9.3547e-02	-2.9951e-01	-1.7997e+00	1.6923e+01
	-3.0306e-01	3.0993e-02	1.9420e-02	-2.8694e+00	-3.1367e+00	1.8097e+01
	-3.0306e-01	2.0961e-02	1.0260e-02	7.4326e-01	-6.5354e+00	1.7084e+01
321	-1.3621e-16	-2.0661e-02	-8.0865e-02	1.1505e-01	-1.2942e+00	1.6286e+01
	-1.4275e-16	-5.6700e-02	-1.6333e-01	-9.9357e-01	-3.5977e+00	1.6043e+01
	-4.5953e-01	6.7190e-02	6.2590e-02	-2.1288e+00	-3.2876e+00	1.4450e+01
	-4.5953e-01	6.7637e-02	6.5399e-02	-7.3510e-01	-1.5438e+00	1.5038e+01
320	0.0000e+00	-3.1806e-02	2.7758e-02	-6.7226e-01	-2.1250e+00	1.1953e+01
	0.0000e+00	1.3703e-02	-5.9845e-02	-3.5970e-01	-4.0929e+00	9.3927e+00
	-6.7832e-01	1.3703e-02	-1.9468e-02	-2.2013e+00	3.3345e-01	9.4735e+00
	-6.7832e-01	-3.8110e-03	-4.9440e-02	-1.5145e+00	-4.1735e-01	1.1482e+01
319	0.0000e+00	1.3703e-02	-3.7158e-02	8.9476e-02	-4.2798e+00	8.9469e+00
	0.0000e+00	3.2426e-02	-1.0891e-01	-2.4168e+00	-5.1257e+00	4.7452e+00

	-8.7054e-01	3.1376e-02	4.6372e-02	-6.7309e+00	-2.6011e-01	4.8483e+00
	-8.7054e-01	1.3703e-02	-3.5671e-02	-8.3203e-01	-7.6333e-01	7.7773e+00
318	0.0000e+00	3.7313e-03	-6.8303e-02	9.7496e-01	-8.2816e+00	1.0938e+00
	0.0000e+00	-2.0354e-02	-1.5129e-01	-4.0160e+00	-7.0103e+00	-3.2193e+00
	-9.7762e-01	8.1200e-02	1.2228e-01	-9.4742e+00	-7.4977e+00	-4.6808e+00
	-9.7762e-01	5.4508e-02	3.2556e-02	-2.2579e+00	-5.0669e+00	-6.1676e-01
317	0.0000e+00	-7.4891e-02	-1.1270e-01	1.6132e+00	-9.8654e+00	-1.1277e+01
	0.0000e+00	-1.5538e-01	-1.4098e-01	-4.1804e+00	-2.2166e+01	-1.2460e+01
	-8.8944e-01	1.1742e-01	2.0174e-01	1.6414e+00	-1.1221e+01	-1.9293e+01
	-8.8944e-01	1.0698e-01	7.2885e-02	-5.7031e+00	-7.4680e+00	-1.6017e+01
316	0.0000e+00	3.8509e-02	1.8201e-01	-4.3603e+00	-1.4936e+01	-3.3372e+01
	0.0000e+00	-6.8785e-02	4.8825e-02	9.4260e+00	-1.9288e+01	-1.0933e+01
	-5.9969e-01	-6.8785e-02	6.1326e-02	5.9992e+01	1.2514e+01	-7.0178e+00
	-5.9969e-01	4.9010e-02	6.8581e-02	-4.4617e+01	-1.2003e+01	-2.8317e+01
315	0.0000e+00	2.6001e-02	-1.9759e-01	7.2775e-02	-9.6517e-01	1.3146e+01
	0.0000e+00	-2.1470e-02	4.2665e-02	-6.1418e-03	-3.8331e+00	1.3335e+01
	-3.0935e-01	-1.0876e-02	4.3251e-03	1.3327e-01	4.5184e-01	1.1447e+01
314	-6.0543e-16	-8.7711e-02	-1.7290e-01	-9.9321e-02	-1.3445e+01	-2.4209e+01
	-5.5393e-16	4.4743e-02	1.8944e-01	9.1253e-02	-2.3779e+00	-2.4288e+01
	-4.8964e-01	7.1550e-03	4.1863e-02	-1.6137e-02	-1.5451e+01	-1.6788e+01
313	-1.6871e-02	-1.7307e-01	3.6865e-02	-1.3343e+01	-2.5070e+01	9.8651e+00
	-1.0764e-02	2.1426e-03	3.8258e-03	8.5739e+00	-4.3577e-01	1.0812e+01
	-4.2991e-03	2.2399e-02	5.1628e-02	-3.4514e-01	9.7915e+00	1.8946e+01
	1.8086e-03	-1.6901e-01	4.8310e-02	-2.6352e+00	2.6366e+01	1.2537e+01
312	0.0000e+00	6.3397e-03	-3.8878e-02	6.6056e-01	3.5443e-01	-1.5269e+01
	0.0000e+00	4.7229e-04	-9.3816e-02	3.6210e-01	1.9087e+00	-1.4836e+01
	-3.1550e-01	3.3088e-02	2.2888e-02	2.3784e+00	2.5958e+00	-1.6077e+01
	-3.1550e-01	2.2648e-02	9.9924e-03	-3.7064e-01	6.3594e+00	-1.5233e+01
311	-1.2376e-16	-2.2952e-02	-8.0197e-02	4.5381e-02	9.8130e-01	-1.3889e+01
	-1.2939e-16	-6.4041e-02	-1.6039e-01	4.9037e-02	-3.7800e-01	-1.3669e+01

	-4.6172e-01	6.6363e-02	6.4148e-02	1.0932e+00	1.1882e+00	-1.3945e+01
	-4.6172e-01	6.9988e-02	6.4307e-02	-2.8095e-02	1.3909e+00	-1.4223e+01
310	0.0000e+00	-3.2430e-02	2.8373e-02	-1.7536e-01	7.2843e-01	-1.4114e+01
	0.0000e+00	1.3524e-02	-6.5028e-02	9.5892e-01	6.0374e+00	-1.1210e+01
	-6.8294e-01	1.3524e-02	-2.5161e-02	4.4097e+00	-9.6325e-01	-1.0178e+01
	-6.8294e-01	-4.7878e-03	-5.0136e-02	-1.1710e+00	-2.7631e-01	-1.2630e+01
309	0.0000e+00	1.3524e-02	-4.2571e-02	-2.4984e-01	6.8111e+00	-1.0009e+01
	0.0000e+00	3.5802e-02	-1.0898e-01	3.8643e+00	8.7288e+00	-3.5711e+00
	-8.9510e-01	3.5277e-02	4.9902e-02	1.0748e+01	1.4664e+00	-3.3887e+00
	-8.9510e-01	1.3524e-02	-4.1828e-02	9.9596e-01	1.7336e+00	-7.8832e+00
308	0.0000e+00	3.4545e-03	-6.3201e-02	-6.0439e-01	1.2025e+01	3.6091e+00
	0.0000e+00	-2.9330e-02	-1.5004e-01	2.1561e+00	3.3049e+00	8.0090e+00
	-9.9501e-01	8.1370e-02	1.2321e-01	4.8915e+00	5.7771e+00	7.0501e+00
	-9.9501e-01	5.8805e-02	3.4258e-02	3.2344e+00	5.3973e+00	2.2456e+00
307	0.0000e+00	-7.7825e-02	-1.1572e-01	-1.7091e+00	8.5116e+00	1.1431e+01
	0.0000e+00	-1.5376e-01	-1.4424e-01	4.1214e+00	2.1622e+01	1.2186e+01
	-9.0423e-01	1.2106e-01	2.0537e-01	-1.6350e+00	1.0092e+01	1.9432e+01
	-9.0423e-01	1.0539e-01	7.4140e-02	5.3120e+00	5.1737e+00	1.6502e+01
306	0.0000e+00	3.8138e-02	1.8478e-01	4.0291e+00	1.4116e+01	3.2498e+01
	0.0000e+00	-6.6738e-02	5.2813e-02	-9.1015e+00	1.7445e+01	1.0410e+01
	-6.0140e-01	-6.6738e-02	6.6838e-02	-5.7971e+01	-1.1093e+01	6.7489e+00
	-6.0140e-01	4.9920e-02	7.2516e-02	4.2386e+01	1.1540e+01	2.7618e+01
305	0.0000e+00	2.4792e-02	-1.9720e-01	-6.3659e-02	-6.1778e-02	-1.3552e+01
	0.0000e+00	-2.2353e-02	4.2907e-02	1.4464e-03	2.2498e+00	-1.3725e+01
	-3.0915e-01	-1.1831e-02	4.4966e-03	-1.2442e-01	-1.2437e+00	-1.2199e+01
304	-6.0634e-16	-8.8055e-02	-1.7523e-01	1.4618e-01	1.2562e+01	2.3796e+01
	-5.5392e-16	4.5551e-02	1.9361e-01	-5.3766e-02	1.6367e+00	2.4065e+01
	-4.9843e-01	7.6357e-03	4.3802e-02	1.8483e-01	1.4940e+01	1.6607e+01
303	-6.1615e-02	-5.1230e-03	3.4074e-02	-3.9697e+01	4.3505e+00	2.2412e+01
	-6.2426e-02	-1.6106e-01	2.2749e-02	3.2268e+01	4.9824e+01	1.6275e+01

	3.0850e-03	-1.5723e-01	-3.4956e-03	-3.9365e+00	-4.5154e+01	2.3181e+01
	2.2736e-03	7.5641e-04	-4.7542e-03	-1.4968e+01	-8.9639e+00	3.0622e+01
302	-1.2159e-01	3.6038e-03	-3.5260e-03	6.0649e-01	-8.3281e+00	-2.4355e+01
	-1.2159e-01	2.2016e-03	-1.8009e-02	-7.6578e+00	-2.4903e+00	-2.1181e+01
	0.0000e+00	3.2110e-03	3.2741e-03	-1.5608e+00	-8.6493e+00	-1.7401e+01
	0.0000e+00	4.1085e-03	7.8933e-03	-1.7774e-01	-1.6958e+01	-2.1403e+01
301	-8.7554e-02	7.0858e-03	-4.9610e-03	-3.2307e+00	-3.4980e+00	-1.6609e+01
	-8.7554e-02	6.5282e-03	-1.1135e-02	-1.5185e+00	-6.2070e-01	-1.2697e+01
	0.0000e+00	-6.7233e-03	-3.4387e-03	-9.6471e-01	-2.0213e+00	-1.0698e+01
	0.0000e+00	-1.7485e-03	-4.3676e-03	2.5035e-01	-9.6502e+00	-1.4440e+01
300	-4.3159e-02	6.2041e-03	-6.6320e-04	-1.4729e+00	-2.2972e+00	-9.7827e+00
	-4.3159e-02	-1.4172e-03	-8.1964e-03	-2.4841e+00	-1.5612e+00	-7.5262e+00
	0.0000e+00	-2.1917e-02	-9.9844e-03	-1.2887e+00	-1.7826e+00	-7.1620e+00
	0.0000e+00	-9.1705e-03	-5.9524e-03	5.1691e-01	-5.1694e+00	-9.1743e+00
299	-2.2786e-02	-3.0163e-03	-2.8172e-03	-5.6014e-01	-1.6832e+00	-5.4299e+00
	-2.2786e-02	6.1578e-03	-5.7459e-04	5.9841e-02	-5.2329e-01	-4.4667e+00
	1.0114e-17	-3.6364e-03	2.6313e-03	-7.1921e-02	3.2123e-01	-3.7034e+00
	1.2421e-17	-1.0852e-02	-1.4598e-03	2.2079e-01	-3.1285e+00	-4.2388e+00
298	-1.8456e-02	2.0621e-03	-1.3428e-03	-4.4443e-01	-3.9272e-01	-3.3448e+00
	-1.8456e-02	1.8074e-03	-5.5283e-03	-9.6497e-01	-1.1641e+00	-2.8764e+00
	3.5481e-18	-3.2880e-03	5.8666e-04	-5.9062e-01	-1.3719e+00	-3.4610e+00
	2.6199e-18	-2.2777e-03	3.4687e-03	2.0629e-01	-1.0067e+00	-3.7308e+00
297	-6.3051e-03	-2.0543e-03	1.3549e-04	-1.1878e+00	-1.1007e+00	-1.0162e+00
	-6.3051e-03	1.7607e-04	5.9090e-04	-3.0858e-01	-8.4743e-01	-6.3065e-01
	0.0000e+00	5.8623e-03	-5.7608e-03	8.6897e-02	-6.9904e-01	-2.8064e-01
	0.0000e+00	4.8286e-03	-6.6615e-03	-5.3340e-01	-1.0666e+00	-7.0003e-01
296	1.6046e-02	1.7422e-03	-8.0772e-03	-1.0396e+00	-3.8272e-01	3.4852e-01
	1.6046e-02	-3.7789e-03	5.2837e-04	-3.7827e-03	4.6142e-03	4.9562e-01
	-5.2050e-19	-9.5119e-04	2.1129e-03	8.0935e-02	-3.2695e-03	8.7354e-01
	6.8277e-19	5.3235e-03	-5.3595e-03	-4.0945e-01	-6.1410e-01	6.4403e-01

295	2.1827e-02	-4.9068e-03	6.0487e-05	6.8218e-01	2.8795e-01	6.1909e-01
	2.1827e-02	-1.3246e-03	-9.8533e-04	-3.5333e-01	-8.4966e-02	8.5272e-01
	2.9400e-18	-1.4871e-03	3.4662e-03	-5.8754e-03	-7.4250e-01	4.1083e-01
	2.5234e-18	-5.1282e-03	6.0535e-03	1.9807e-01	4.1251e-01	2.9764e-01
294	6.1308e-03	2.1214e-04	8.9025e-05	-1.1268e-01	-6.8681e-02	9.7435e-01
	6.1308e-03	-2.2128e-04	8.5922e-04	-6.6371e-01	-4.1871e-01	1.6701e+00
	0.0000e+00	-2.0142e-03	5.2399e-03	6.0889e-03	-1.6338e+00	1.3526e+00
	0.0000e+00	-2.6040e-03	4.9027e-03	-1.1669e-01	-4.5678e-01	6.7756e-01
293	-1.0936e-02	-3.4187e-04	3.2149e-03	-8.7717e-01	2.5419e-03	2.1416e+00
	-1.0936e-02	1.0709e-03	-2.2722e-03	-6.1069e-01	-1.3333e-01	3.0814e+00
	0.0000e+00	2.0940e-04	1.2011e-03	-1.7901e-02	-1.6329e+00	3.0673e+00
	0.0000e+00	-2.3487e-03	5.9158e-03	-3.2823e-01	-1.1896e+00	2.0251e+00
292	-2.8153e-02	7.3848e-04	2.0695e-04	-3.3274e-01	1.7563e-01	3.5432e+00
	-2.8153e-02	-1.7366e-03	9.5852e-03	-1.5649e+00	3.3410e-01	4.8206e+00
	0.0000e+00	-1.6371e-03	1.1499e-02	-3.0336e-01	-1.8782e+00	4.7928e+00
	0.0000e+00	4.3654e-04	1.3215e-04	-1.4032e-01	-1.3007e+00	3.3683e+00
291	-8.3876e-02	-1.6307e-03	1.0123e-02	1.0700e+00	4.3703e-02	5.6687e+00
	-8.3876e-02	1.1518e-03	5.7129e-03	-4.8640e+00	2.6086e-01	8.4906e+00
	0.0000e+00	1.2936e-03	9.5149e-03	-1.0121e+00	-5.6997e+00	7.6417e+00
	0.0000e+00	-1.4416e-03	1.4292e-02	3.0328e-01	-2.3420e+00	4.7902e+00
290	-1.3784e-01	1.1241e-03	4.4775e-03	-5.5412e-01	-5.3835e-01	1.0382e+01
	-1.3784e-01	4.6407e-03	7.2529e-03	-6.3085e+00	-1.7231e-01	1.5724e+01
	0.0000e+00	4.6875e-03	9.7982e-03	-1.3270e+00	-1.0927e+01	1.4683e+01
	0.0000e+00	1.1944e-03	7.6258e-03	1.3818e-01	-6.8062e+00	9.3422e+00
289	-1.6957e-01	4.7794e-03	1.0940e-02	-6.6234e+00	-2.5952e+00	1.9627e+01
	-1.6957e-01	1.9146e-03	-8.3135e-04	2.7524e-01	-3.5805e+00	2.4970e+01
	0.0000e+00	1.7650e-03	-8.6380e-03	-7.2414e-01	-2.0656e+01	2.2726e+01
	0.0000e+00	4.4802e-03	3.8757e-03	-9.9359e-02	-1.3302e+01	1.7431e+01
288	-1.8518e-01	1.9032e-03	-1.5530e-03	-3.8631e+01	-8.9358e+00	2.4533e+01
	-1.8518e-01	-6.8785e-02	2.8016e-02	5.4068e+01	3.0233e+01	1.4882e+01

	0.0000e+00	-6.8785e-02	2.5318e-02	7.8607e+00	-4.2490e+01	1.9720e+01
	0.0000e+00	1.8559e-03	-3.4409e-03	-2.7770e+00	-2.1843e+01	2.9399e+01
287	0.0000e+00	4.1020e-03	-6.2144e-03	4.2396e-02	-1.0161e+00	-2.0714e+00
	0.0000e+00	-4.9510e-03	-2.8630e-04	4.1939e-02	-9.5876e-01	-1.8481e+00
	-6.7174e-03	-6.5482e-05	-9.2087e-04	1.6867e-01	-5.4639e-01	-1.9361e+00
262	0.0000e+00	0.0000e+00	0.0000e+00	-7.8742e+00	-1.8757e+01	2.9429e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0253e+01	-1.8423e+01	3.0084e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6770e+01	-4.1551e+01	2.7742e+01
	0.0000e+00	0.0000e+00	0.0000e+00	6.5692e-01	-3.4655e+01	2.6604e+01
261	0.0000e+00	0.0000e+00	0.0000e+00	-9.8044e+00	-1.6727e+01	2.3112e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1082e+01	-1.3399e+01	1.7329e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3079e+01	-5.1873e+01	1.7427e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6759e+01	-4.8024e+01	2.3171e+01
260	0.0000e+00	0.0000e+00	0.0000e+00	-8.4805e+00	-1.5253e+01	1.2152e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.5499e+00	-1.4241e+01	9.7784e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.5218e+00	-5.5730e+01	8.8498e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1406e+01	-5.2351e+01	1.1394e+01
259	0.0000e+00	0.0000e+00	0.0000e+00	-6.6242e+00	-1.6199e+01	5.1759e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.1443e+00	-1.6774e+01	4.9056e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.6290e+00	-5.9818e+01	3.2086e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.7682e+00	-5.6278e+01	3.7166e+00
258	0.0000e+00	0.0000e+00	0.0000e+00	-6.6766e+01	-7.7612e+00	-8.5551e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.8071e+01	-9.9109e+00	-2.5951e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.7359e+01	-1.1836e+01	-2.6985e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.6599e+01	-1.0269e+01	-3.2546e+00
257	0.0000e+00	0.0000e+00	0.0000e+00	-8.0706e+01	-1.1049e+01	-1.2848e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.9417e+01	-1.0867e+01	3.5807e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.5732e+01	-1.4353e+01	-5.9561e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.0061e+01	-1.2651e+01	-2.2213e+00
256	0.0000e+00	0.0000e+00	0.0000e+00	-7.7170e+01	-1.0731e+01	1.3772e+00

	0.0000e+00	0.0000e+00	0.0000e+00	-6.5520e+01	-1.1787e+01	3.8486e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.2473e+01	-1.4528e+01	2.8299e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.3542e+01	-1.3914e+01	3.1243e-01
255	0.0000e+00	0.0000e+00	0.0000e+00	-5.9909e+01	-1.0601e+01	4.4872e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.5071e+01	-1.2445e+01	5.1507e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.5403e+01	-1.3697e+01	4.3003e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.7654e+01	-1.4179e+01	3.5994e+00
254	0.0000e+00	0.0000e+00	0.0000e+00	-3.9946e+01	-1.1102e+01	3.6992e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.0306e+01	-1.0152e+01	3.2863e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.0603e+01	-1.2165e+01	4.3148e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.0771e+01	-1.2820e+01	4.7305e+00
253	0.0000e+00	0.0000e+00	0.0000e+00	-2.8054e+01	-9.1912e+00	3.0767e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9944e+01	-7.8654e+00	3.4761e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9922e+01	-9.7807e+00	4.8862e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7224e+01	-1.0661e+01	4.4831e+00
252	0.0000e+00	0.0000e+00	0.0000e+00	-1.6955e+01	-6.3954e+00	3.7653e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-9.0071e+00	-6.3414e+00	2.5304e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2825e+01	-7.9387e+00	3.3726e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6707e+01	-9.1956e+00	4.6877e+00
251	0.0000e+00	0.0000e+00	0.0000e+00	-8.3594e+00	-5.6077e+00	3.1671e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1473e+01	-2.9000e+00	-9.0601e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1604e+01	-5.0235e+00	2.1840e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1201e+01	-6.8589e+00	3.2975e+00
250	0.0000e+00	0.0000e+00	0.0000e+00	-1.5874e+01	-2.8080e+00	-6.4268e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6020e+01	9.0432e-01	7.0870e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6228e+01	-3.4417e+00	3.1501e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2030e+01	-3.4952e+00	1.7746e+00
249	0.0000e+00	0.0000e+00	0.0000e+00	-9.1591e-01	-1.4768e+01	-4.3741e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.4982e+00	-1.3647e+01	-7.5066e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.9681e+00	-1.0032e+01	-6.1433e+00

	0.0000e+00	0.0000e+00	0.0000e+00	-5.3916e+00	-1.2539e+01	-3.0804e+00
248	0.0000e+00	0.0000e+00	0.0000e+00	-5.1929e+00	-1.1892e+01	-9.1144e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.7324e+00	-8.2811e+00	-1.3714e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2213e+01	-1.0040e+01	-1.2003e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.9608e+00	-1.1252e+01	-7.5059e+00
247	0.0000e+00	0.0000e+00	0.0000e+00	-7.6643e+00	-8.6655e+00	-1.5960e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.9085e+00	-3.9734e-01	-1.8309e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2212e+01	-1.1928e+01	-1.6614e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.3477e+00	-8.4030e+00	-1.4122e+01
246	0.0000e+00	0.0000e+00	0.0000e+00	-1.0986e+01	-1.1326e+01	1.6840e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3597e+01	-1.6232e+01	1.5885e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3729e+01	-5.6683e+00	1.3225e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3138e+01	-6.1446e+00	1.4569e+01
245	0.0000e+00	0.0000e+00	0.0000e+00	-9.0924e+00	-1.5408e+01	-1.2088e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9458e+01	-1.8069e+01	-1.6429e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9488e+01	-1.3433e+01	-1.4387e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6252e+01	-1.9788e+01	-1.0348e+01
244	0.0000e+00	0.0000e+00	0.0000e+00	-2.0271e+01	-2.2214e+01	1.2386e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4085e+01	-2.2664e+01	1.4085e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7821e+01	-1.5830e+01	1.4041e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2767e+01	-1.6204e+01	1.2350e+01
243	0.0000e+00	0.0000e+00	0.0000e+00	-2.0533e+01	-1.8981e+01	1.2583e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.0993e+01	-1.9196e+01	8.7689e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5973e+01	-1.3476e+01	1.1784e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1740e+01	-1.8133e+01	1.4638e+01
242	0.0000e+00	0.0000e+00	0.0000e+00	-1.6255e+01	-3.9269e+01	-1.0626e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8882e+01	-3.3963e+01	-1.0001e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6261e+01	-4.2075e+01	-5.5869e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7940e+01	-4.6586e+01	-5.9200e+00
241	0.0000e+00	0.0000e+00	0.0000e+00	-5.2448e+01	-1.5462e+01	3.9278e+00

	0.0000e+00	0.0000e+00	0.0000e+00	-3.4149e+01	-1.1044e+01	-3.0713e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.4298e+01	-2.1137e+01	-1.9793e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.8150e+01	-1.8640e+01	5.0360e+00
240	0.0000e+00	0.0000e+00	0.0000e+00	-6.6900e+01	-1.1398e+01	-8.8379e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3111e+01	-6.3544e+00	-1.6548e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.5839e+01	-2.1918e+01	-1.6115e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.3920e+01	-1.8273e+01	-6.8626e+00
239	0.0000e+00	0.0000e+00	0.0000e+00	-1.3595e+01	-5.2033e+01	1.9484e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.9871e+00	-5.8464e+01	2.1233e+01
	0.0000e+00	0.0000e+00	0.0000e+00	8.8697e-01	-3.2921e+01	2.6000e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0060e+01	-5.0854e+01	2.4224e+01
238	0.0000e+00	0.0000e+00	0.0000e+00	-1.5518e+01	-2.1456e+01	1.0019e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7520e+01	-2.1624e+01	1.0450e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7644e+01	-1.6006e+01	9.1576e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4860e+01	-1.4271e+01	8.8664e+00
237	0.0000e+00	0.0000e+00	0.0000e+00	-1.1070e+01	-1.2298e+01	1.2309e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6326e+01	-1.7058e+01	1.1640e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5459e+01	-1.0955e+01	7.2544e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2640e+01	-9.0216e+00	7.6833e+00
236	0.0000e+00	0.0000e+00	0.0000e+00	-3.0345e+01	-2.2927e+01	1.1651e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.9563e+01	-2.5608e+01	1.0410e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.1045e+01	-1.9958e+01	7.6506e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.0948e+01	-1.8371e+01	9.0469e+00
235	0.0000e+00	0.0000e+00	0.0000e+00	-3.9463e+01	-2.8735e+01	9.9197e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.6973e+01	-2.7369e+01	7.2967e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.1811e+01	-2.4187e+01	7.8118e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.2355e+01	-2.3735e+01	1.0240e+01
234	0.0000e+00	0.0000e+00	0.0000e+00	-5.7119e+01	-2.6036e+01	-4.4365e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.2311e+01	-2.6244e+01	-1.1224e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.0523e+01	-2.4764e+01	-1.0383e+01

	0.0000e+00	0.0000e+00	0.0000e+00	-6.6458e+01	-2.5643e+01	-3.2758e+00
233	0.0000e+00	0.0000e+00	0.0000e+00	-6.1174e+01	-2.2029e+01	-1.1444e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.5144e+01	-1.6106e+01	-1.8379e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.1753e+01	-1.5894e+01	-1.1502e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.1655e+01	-2.1048e+01	-4.7000e+00
232	0.0000e+00	0.0000e+00	0.0000e+00	-7.8634e+01	-1.5839e+01	-3.7309e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.4747e+01	-1.6632e+01	-6.2280e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.9916e+01	-2.0829e+01	-2.1728e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.3944e+01	-1.8367e+01	-5.8150e+00
231	0.0000e+00	0.0000e+00	0.0000e+00	-6.5533e+01	-1.1378e+01	-5.6775e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.7254e+01	-1.4324e+01	-2.6918e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.1877e+01	-1.6885e+01	-6.3272e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.3907e+01	-1.4153e+01	-9.2478e+00
230	0.0000e+00	0.0000e+00	0.0000e+00	-7.2261e+01	-1.6397e+01	8.3361e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.1036e+01	-1.7049e+01	4.3026e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.7301e+01	-2.1039e+01	3.7444e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.6903e+01	-2.0772e+01	2.6069e-01
229	0.0000e+00	0.0000e+00	0.0000e+00	-5.7390e+01	-1.5657e+01	4.8830e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.4624e+01	-1.6148e+01	6.4782e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.3409e+01	-1.9097e+01	7.1263e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.4134e+01	-2.0512e+01	5.4664e+00
228	0.0000e+00	0.0000e+00	0.0000e+00	-4.1196e+01	-1.4336e+01	5.6973e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.0626e+01	-1.2938e+01	6.2015e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.0876e+01	-1.7112e+01	7.4919e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.9930e+01	-1.7747e+01	7.0128e+00
227	0.0000e+00	0.0000e+00	0.0000e+00	-2.7371e+01	-1.1632e+01	6.1067e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9905e+01	-1.0621e+01	6.1725e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0226e+01	-1.4328e+01	7.8889e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6985e+01	-1.5993e+01	7.8283e+00
226	0.0000e+00	0.0000e+00	0.0000e+00	-1.7530e+01	-9.3170e+00	5.8248e+00

	0.0000e+00	0.0000e+00	0.0000e+00	-1.3459e+01	-8.8274e+00	4.9379e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4825e+01	-1.0716e+01	6.9523e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8529e+01	-1.3330e+01	7.8506e+00
225	0.0000e+00	0.0000e+00	0.0000e+00	-1.1945e+01	-7.8714e+00	3.9921e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2430e+01	-5.7056e+00	3.4721e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2663e+01	-7.8218e+00	5.8788e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2973e+01	-9.2347e+00	6.3189e+00
224	0.0000e+00	0.0000e+00	0.0000e+00	-2.1198e+01	-2.1651e+01	1.1171e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7638e+01	-2.3215e+01	1.1582e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7242e+01	-1.7437e+01	9.7415e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0617e+01	-1.6104e+01	9.3466e+00
223	0.0000e+00	0.0000e+00	0.0000e+00	-4.9706e+01	-2.6512e+01	4.9129e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.8740e+01	-2.6452e+01	2.4304e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.4840e+01	-2.4503e+01	5.6958e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.5478e+01	-2.4972e+01	5.2817e+00
222	0.0000e+00	0.0000e+00	0.0000e+00	-2.1242e+00	-2.0932e+01	6.0108e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3866e+00	-1.7749e+01	4.6901e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.5414e+00	-5.4311e+01	8.6857e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.2631e+00	-5.6788e+01	8.6578e-01
221	0.0000e+00	0.0000e+00	0.0000e+00	-2.3400e+00	-1.9236e+01	1.3482e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2511e+00	-1.5991e+01	2.1291e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.0382e-01	-5.8170e+01	4.6896e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.8605e+00	-6.2347e+01	4.8803e+00
220	0.0000e+00	0.0000e+00	0.0000e+00	-9.1037e-01	-1.9434e+01	-1.0319e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-9.6515e-01	-1.7287e+01	1.6123e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.1014e+00	-5.8912e+01	2.6234e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.1610e-01	-6.0551e+01	8.2129e-01
219	0.0000e+00	0.0000e+00	0.0000e+00	-3.3229e-01	-1.8908e+01	-1.3889e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-9.5520e-01	-1.9378e+01	1.1127e+00
	0.0000e+00	0.0000e+00	0.0000e+00	9.6560e-01	-6.1541e+01	2.8191e-01

	0.0000e+00	0.0000e+00	0.0000e+00	1.2514e+00	-6.1099e+01	-1.4087e+00
218	0.0000e+00	0.0000e+00	0.0000e+00	-6.9132e+01	-7.1955e-01	3.6209e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.0377e+01	-2.7414e+00	2.5831e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.2980e+01	-1.6940e+00	1.6498e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.0315e+01	-2.3321e+00	2.7000e+00
217	0.0000e+00	0.0000e+00	0.0000e+00	-8.3033e+01	-3.8548e+00	1.2205e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.1648e+01	-3.8153e+00	8.7817e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.0597e+01	-4.4870e+00	-4.2284e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.4766e+01	-2.4407e+00	-3.4652e-02
216	0.0000e+00	0.0000e+00	0.0000e+00	-7.8680e+01	-4.3764e+00	2.5380e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.6853e+01	-6.2780e+00	3.4137e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.5373e+01	-8.2506e+00	-2.0184e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-7.6764e+01	-4.5556e+00	-1.1286e+00
215	0.0000e+00	0.0000e+00	0.0000e+00	-6.0494e+01	-7.5019e+00	8.5973e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.5584e+01	-1.1548e+01	6.3951e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.8865e+01	-1.5806e+01	6.1123e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.7248e+01	-1.0126e+01	1.0879e+00
214	0.0000e+00	0.0000e+00	0.0000e+00	-4.2472e+01	-1.3008e+01	6.2521e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.6753e+01	-1.5147e+01	4.3109e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.7352e+01	-1.5461e+01	3.3802e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.1071e+01	-1.5736e+01	3.5094e+00
213	0.0000e+00	0.0000e+00	0.0000e+00	-3.7796e+01	-1.4400e+01	-9.8699e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0421e+01	-1.9364e+00	-7.9679e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7496e+01	-1.8310e+01	-8.4337e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7615e+01	-1.4041e+01	-2.8338e+00
212	0.0000e+00	0.0000e+00	0.0000e+00	-1.5827e+01	1.8404e+00	-1.0934e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1263e+01	-6.6059e+00	-6.0715e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.0088e+00	-7.2709e+00	6.7736e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6522e+01	-1.7146e+01	3.6394e-02
211	0.0000e+00	0.0000e+00	0.0000e+00	-8.4003e+00	-6.4198e+00	-3.5716e+00

	0.0000e+00	0.0000e+00	0.0000e+00	-1.2535e+01	-2.0970e+00	-3.5310e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0101e+01	-1.8673e+00	1.7825e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0578e+01	-5.1744e+00	1.4240e+00
210	0.0000e+00	0.0000e+00	0.0000e+00	-1.6241e+01	-7.4440e-01	-9.6725e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5543e+01	-3.7687e-01	-4.4845e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4123e+01	3.7991e+00	2.7926e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5109e+01	-1.4829e-01	1.7561e+00
209	0.0000e+00	0.0000e+00	0.0000e+00	4.0476e+00	-1.7175e+01	-2.8141e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.9177e+00	-1.6936e+01	-9.6577e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.2069e+00	-1.0338e+01	-5.3034e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.6047e+00	-1.1187e+01	-2.3443e+00
208	0.0000e+00	0.0000e+00	0.0000e+00	2.3991e+00	-1.3713e+01	-1.5225e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0272e-02	-1.2431e+01	-4.7015e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.9410e+00	-1.5541e+01	-5.0915e+00
	0.0000e+00	0.0000e+00	0.0000e+00	9.9216e-01	-1.4052e+01	-1.9732e+00
207	0.0000e+00	0.0000e+00	0.0000e+00	5.1351e+00	-1.7501e+01	-5.4240e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.8495e+00	-2.0615e+01	-1.1970e+00
	0.0000e+00	0.0000e+00	0.0000e+00	9.9587e+00	-1.1647e+01	-1.9593e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.8403e+00	-1.1970e+01	-6.4575e+00
206	0.0000e+00	0.0000e+00	0.0000e+00	-1.5709e+01	1.3211e+01	-4.4163e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6125e+00	1.7263e+01	-5.8980e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-9.1738e+00	2.2558e+01	1.0592e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3520e+01	9.2061e+00	3.0435e+00
205	0.0000e+00	0.0000e+00	0.0000e+00	2.4672e+01	-7.9676e+00	5.0950e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.7575e+01	-7.5960e+00	-1.6222e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.5780e+01	-1.7869e+01	-9.0371e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.7242e+00	-1.5191e+01	4.1943e+00
204	0.0000e+00	0.0000e+00	0.0000e+00	-2.0582e+01	1.3583e+01	1.1410e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7164e+01	1.1901e+01	2.8858e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7297e+01	9.9573e+00	2.7882e+00

	0.0000e+00	0.0000e+00	0.0000e+00	-1.8457e+01	8.9791e+00	8.9329e-01
203	0.0000e+00	0.0000e+00	0.0000e+00	-3.1561e+01	1.2612e+01	-1.3941e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.8022e+01	1.3112e+01	-2.0568e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.8793e+01	1.8090e+01	1.8132e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.9892e+01	1.0135e+01	1.1514e+00
202	0.0000e+00	0.0000e+00	0.0000e+00	1.5869e+01	-4.8368e+01	-1.4176e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.3623e+01	-4.3802e+01	-5.2348e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0278e+01	-6.2356e+01	-3.5384e+00
	0.0000e+00	0.0000e+00	0.0000e+00	9.0898e+00	-5.9105e+01	5.3664e-01
201	0.0000e+00	0.0000e+00	0.0000e+00	-6.5475e+01	8.4038e+00	1.9426e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.8333e+01	7.7235e+00	2.1650e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.6870e+01	7.6205e+00	2.1248e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.6620e+01	6.9817e+00	1.9480e+00
200	0.0000e+00	0.0000e+00	0.0000e+00	-7.9573e+01	7.8200e+00	-1.0688e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.8606e+01	8.6339e+00	-1.3212e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.1948e+01	1.4057e+01	-9.4913e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.8918e+01	6.2101e+00	-7.5462e+00
199	0.0000e+00	0.0000e+00	0.0000e+00	1.2895e+01	-7.6847e+01	5.8331e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0547e+01	-7.4824e+01	-1.9886e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.7945e+00	-7.0826e+01	1.0924e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.2822e+00	-6.8066e+01	4.8549e+00
198	0.0000e+00	0.0000e+00	0.0000e+00	-1.2459e+01	-4.8567e+00	-7.8788e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0910e+01	1.6651e+00	-1.2369e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1151e+01	-1.0040e+00	2.1671e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3903e+01	-2.1168e+00	3.7887e+00
197	0.0000e+00	0.0000e+00	0.0000e+00	2.0766e+01	-8.3922e+00	1.4923e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7661e+00	-6.4531e+00	8.0064e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.4664e+00	-2.2505e+01	1.3515e+01
196	0.0000e+00	0.0000e+00	0.0000e+00	-2.8198e+01	3.2706e+00	2.5570e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.3061e+01	-1.4093e+00	1.3176e+00

	0.0000e+00	0.0000e+00	0.0000e+00	-4.4047e+01	4.5432e+00	-1.6255e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.3263e+01	1.0085e+00	2.2523e+00
195	0.0000e+00	0.0000e+00	0.0000e+00	-4.7715e+01	-6.2665e+00	1.0274e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.5615e+01	-3.2829e+00	9.3727e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.0103e+01	-1.1389e+00	9.9071e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.9930e+01	3.8940e-01	1.0942e+01
194	0.0000e+00	0.0000e+00	0.0000e+00	-7.7655e+01	-7.2744e+00	-8.8634e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.6512e+01	-9.7992e+00	-9.9423e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.5745e+01	-5.7199e+00	-1.2325e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.8677e+01	-4.4940e+00	-1.1033e+01
193	0.0000e+00	0.0000e+00	0.0000e+00	-8.2459e+01	-1.0011e+01	1.3170e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.7427e+01	-8.8164e+00	1.0402e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.7600e+01	-4.1467e+00	1.2242e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.1882e+01	-7.0133e+00	1.5298e+01
192	0.0000e+00	0.0000e+00	0.0000e+00	-8.5816e+01	-2.3570e+00	1.2711e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.0328e+01	-1.6763e+00	-5.7084e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.2326e+01	-2.7320e+00	-1.7096e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.5469e+01	-3.1475e-01	-9.4741e-01
191	0.0000e+00	0.0000e+00	0.0000e+00	-7.0445e+01	-4.9113e-01	4.5035e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.2683e+01	-2.0027e+00	4.1764e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.4071e+01	6.4566e-02	4.7909e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.2191e+01	-2.5098e+00	5.1424e+00
190	0.0000e+00	0.0000e+00	0.0000e+00	-7.8359e+01	-1.4557e+00	1.2668e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.4323e+01	-3.3606e+00	3.1695e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.6782e+01	-1.6751e+00	-4.7941e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.6990e+01	-2.2030e+00	2.9336e-01
189	0.0000e+00	0.0000e+00	0.0000e+00	-6.3317e+01	-2.0055e+00	4.3603e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.6423e+01	-1.0276e+00	2.2916e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.9661e+01	2.8754e+00	4.8427e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.1753e+01	-7.9615e-01	6.9427e+00

188	0.0000e+00	0.0000e+00	0.0000e+00	-4.3347e+01	-7.7866e-01	5.1451e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4421e+01	1.2269e+01	7.5972e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8706e+01	9.2942e+00	1.5862e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.3491e+01	5.4706e+00	1.1529e+01
187	0.0000e+00	0.0000e+00	0.0000e+00	-2.1050e+01	2.3497e+01	-1.9629e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0493e+01	1.3879e+01	2.4685e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4609e+01	9.8260e+00	3.2887e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4848e+01	9.9733e+00	-7.2216e+00
186	0.0000e+00	0.0000e+00	0.0000e+00	-1.3301e+01	1.5272e+01	2.3327e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2860e+01	8.2136e+00	-1.1058e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3634e+01	1.1751e+01	-2.8355e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7721e+01	7.2091e+00	-1.7549e-01
185	0.0000e+00	0.0000e+00	0.0000e+00	-6.7095e+00	6.3444e+00	3.6500e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4212e+01	7.4807e+00	2.3593e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5015e+01	7.8061e+00	2.7533e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1077e+01	1.1154e+01	2.3781e+00
184	0.0000e+00	0.0000e+00	0.0000e+00	-1.8143e+01	1.6571e+00	1.4265e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6387e+01	3.1952e+00	2.3708e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8198e+01	1.6302e+00	3.8833e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7047e+01	3.3142e-01	2.9138e+00
183	0.0000e+00	0.0000e+00	0.0000e+00	-6.5645e+01	-3.3887e+00	2.0512e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.7584e+01	-5.0506e+00	1.8712e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.8315e+01	-1.3229e+00	3.8949e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.6250e+01	-5.6969e-01	7.0225e-01
182	0.0000e+00	0.0000e+00	0.0000e+00	-1.6731e+01	-1.8444e+00	-3.6397e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4643e+01	-2.8126e+00	-3.7763e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7301e+01	-8.0655e+00	-5.1620e+00
181	0.0000e+00	0.0000e+00	0.0000e+00	-1.5378e+01	-2.1629e+00	-7.2676e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1911e+01	1.1664e-01	4.0929e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1513e+01	-2.3675e+00	2.9500e+00

	0.0000e+00	0.0000e+00	0.0000e+00	-1.5689e+01	-3.8510e+00	1.5728e+00
180	0.0000e+00	0.0000e+00	0.0000e+00	1.0551e+00	-2.2188e+01	-2.6435e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7299e+00	-1.8961e+01	2.0094e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.7597e+00	-5.5092e+01	6.8292e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.2981e+00	-5.9299e+01	-1.6833e+00
179	0.0000e+00	0.0000e+00	0.0000e+00	-1.9710e-01	-1.9944e+01	-1.4064e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1958e+00	-1.6108e+01	-4.9496e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.0312e-01	-5.8012e+01	2.8299e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5018e+00	-6.3470e+01	2.8944e+00
178	0.0000e+00	0.0000e+00	0.0000e+00	-6.4232e-01	-1.8891e+01	-3.7677e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.0851e+00	-1.6034e+01	-1.2813e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2275e-01	-5.7716e+01	5.7166e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.6149e-01	-6.0604e+01	-1.0973e+00
177	0.0000e+00	0.0000e+00	0.0000e+00	-1.7613e+00	-1.6386e+01	-4.6796e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.7568e+00	-1.7032e+01	-4.3652e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.5749e+00	-5.8230e+01	-4.0667e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.7189e-01	-6.0547e+01	-3.6341e+00
176	0.0000e+00	0.0000e+00	0.0000e+00	-6.6690e+01	-7.2009e+00	5.8880e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.0410e+01	-8.7273e+00	4.1193e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.3163e+01	-4.4753e+00	3.3022e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.9682e+01	-4.8794e+00	5.1255e+00
175	0.0000e+00	0.0000e+00	0.0000e+00	-8.3314e+01	-9.9133e+00	2.7894e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.0044e+01	-1.0200e+01	1.7808e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.0711e+01	-6.8569e+00	5.1705e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.4972e+01	-5.2004e+00	1.5598e+00
174	0.0000e+00	0.0000e+00	0.0000e+00	-7.7259e+01	-1.0259e+01	1.7990e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.5718e+01	-1.0397e+01	1.9665e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.5081e+01	-8.5005e+00	6.4260e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.7077e+01	-6.5153e+00	4.1386e-01
173	0.0000e+00	0.0000e+00	0.0000e+00	-5.9885e+01	-9.6134e+00	2.0069e+00

	0.0000e+00	0.0000e+00	0.0000e+00	-4.4801e+01	-1.0653e+01	2.4156e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.5554e+01	-1.0275e+01	2.6177e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.9438e+01	-8.0745e+00	-8.6722e-02
172	0.0000e+00	0.0000e+00	0.0000e+00	-3.8897e+01	-9.7936e+00	2.0508e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1910e+01	-6.5791e+00	2.8843e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.9563e+01	-1.5108e+01	1.9438e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.0435e+01	-1.0130e+01	-1.8019e-01
171	0.0000e+00	0.0000e+00	0.0000e+00	-2.3591e+01	-4.5819e+00	9.0771e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3299e+01	-1.9933e+01	6.3694e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5929e+01	-2.2081e+01	-5.5588e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.9575e+01	-1.9369e+01	2.4858e+00
170	0.0000e+00	0.0000e+00	0.0000e+00	-2.8658e+00	-9.3698e+00	1.5767e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.9625e+00	-1.3062e+01	1.8726e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6005e+01	-1.1113e+01	1.2047e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.5003e+00	-1.6220e+00	1.0719e+01
169	0.0000e+00	0.0000e+00	0.0000e+00	-1.3482e+01	-1.7849e+01	-1.1532e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.7755e+00	-1.2858e+01	-1.2024e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.7066e+00	-1.5499e+01	-5.2422e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3725e+01	-1.7992e+01	-6.0454e+00
168	0.0000e+00	0.0000e+00	0.0000e+00	-1.7255e+01	-9.5553e+00	-1.1542e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2833e+01	-5.2896e+00	-9.0889e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.9560e+00	-4.3600e+00	-9.5619e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4412e+01	-1.1372e+01	-4.6985e+00
167	0.0000e+00	0.0000e+00	0.0000e+00	-1.2615e+00	-1.2791e+01	-6.3860e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1769e+00	-1.0505e+01	-1.2647e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2913e+00	-1.0133e+01	-1.1325e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.0905e-01	-8.6021e+00	-4.3361e-01
166	0.0000e+00	0.0000e+00	0.0000e+00	-3.9816e-01	-1.1689e+01	-2.4187e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.5322e+00	-1.2189e+01	-3.3193e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0385e+00	-1.4113e+01	-5.0131e+00

	0.0000e+00	0.0000e+00	0.0000e+00	9.6046e-01	-9.9737e+00	-4.1713e+00
165	0.0000e+00	0.0000e+00	0.0000e+00	1.1640e+00	-1.5585e+01	-3.1905e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.0667e+00	-1.8856e+01	-6.0819e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.1040e+00	-1.3560e+01	-1.7583e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.1733e+00	-1.2334e+01	-5.1249e+00
164	0.0000e+00	0.0000e+00	0.0000e+00	-1.9010e+01	1.0764e+01	-7.0210e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4847e+00	2.0220e+01	-1.1066e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4034e+01	9.7122e+00	-5.1788e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6931e+01	5.0530e+00	-6.2487e-01
163	0.0000e+00	0.0000e+00	0.0000e+00	1.0498e+01	-2.0637e+01	-5.5562e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.1346e+01	-5.1207e+00	-2.1931e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.6078e+01	4.4074e+00	6.2808e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.7970e+01	-4.0905e+00	-3.2220e+00
162	0.0000e+00	0.0000e+00	0.0000e+00	-2.5692e+01	1.3048e+01	-9.0562e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5418e+01	2.7651e+01	-1.1347e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7046e+01	7.8666e+00	-4.5022e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1118e+01	8.3109e+00	-1.1015e+00
161	0.0000e+00	0.0000e+00	0.0000e+00	-3.4682e+01	2.6993e+01	-1.2091e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.1201e+01	2.2001e+01	-1.0708e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5462e+01	2.8517e+01	-3.0479e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2627e+01	9.6434e+00	-7.8877e+00
160	0.0000e+00	0.0000e+00	0.0000e+00	2.4027e+01	-4.9263e+01	1.0551e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.6270e+01	-4.0247e+01	-5.8729e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.8221e+01	-6.8122e+01	-3.2148e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.3574e+01	-6.0190e+01	3.2089e+00
159	0.0000e+00	0.0000e+00	0.0000e+00	-6.4858e+01	1.5084e+01	6.5750e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.1034e+01	1.3426e+01	1.9803e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.7906e+01	1.1141e+01	1.3483e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.5655e+01	1.0856e+01	6.3769e-02
158	0.0000e+00	0.0000e+00	0.0000e+00	-8.0775e+01	1.2956e+01	-1.1608e+01

	0.0000e+00	0.0000e+00	0.0000e+00	-8.0788e+01	1.3724e+01	-1.3195e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.3530e+01	1.8166e+01	-9.0230e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.8773e+01	9.0620e+00	-8.1927e+00
157	0.0000e+00	0.0000e+00	0.0000e+00	1.6420e+01	-7.7671e+01	4.9256e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.5286e+01	-7.6836e+01	-3.9159e+00
	0.0000e+00	0.0000e+00	0.0000e+00	9.1244e+00	-7.2720e+01	-1.4874e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.5729e+00	-6.9610e+01	3.0673e+00
156	0.0000e+00	0.0000e+00	0.0000e+00	-1.8043e+01	-1.4712e+01	-9.9433e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2708e+01	-1.7728e+01	-6.1550e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8657e+01	-2.4999e+01	-5.6143e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7008e+01	-3.0347e+01	-3.4622e+00
155	0.0000e+00	0.0000e+00	0.0000e+00	-7.4481e+00	-2.8764e+01	3.3817e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5829e+01	-2.3911e+01	6.0644e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9136e+01	-1.7766e+01	9.3949e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7201e+01	-3.0475e+01	8.5658e+00
154	0.0000e+00	0.0000e+00	0.0000e+00	-2.9023e+01	-3.5322e+00	-1.0111e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.2226e+01	-1.9612e+00	-1.1280e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.9629e+01	-9.5171e+00	-1.1749e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5995e+01	-7.0609e+00	-1.0271e+01
153	0.0000e+00	0.0000e+00	0.0000e+00	-5.2056e+01	-1.6940e+00	4.6319e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.7205e+01	-4.1725e+00	5.3317e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.8857e+01	-4.9206e+00	6.0753e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.8793e+01	-6.9061e+00	3.7603e+00
152	0.0000e+00	0.0000e+00	0.0000e+00	-7.8184e+01	-6.5477e+00	-1.0142e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.7514e+01	-7.5361e+00	-1.0657e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.5742e+01	-5.8612e+00	-1.1541e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.8547e+01	-5.6592e+00	-1.0661e+01
151	0.0000e+00	0.0000e+00	0.0000e+00	-8.2888e+01	-8.1599e+00	1.4917e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.7882e+01	-8.2785e+00	1.2674e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.7089e+01	-4.4573e+00	1.4000e+01

	0.0000e+00	0.0000e+00	0.0000e+00	-8.1713e+01	-7.5256e+00	1.6442e+01
150	0.0000e+00	0.0000e+00	0.0000e+00	-8.5800e+01	-4.3987e+00	7.3303e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.0468e+01	-3.8102e+00	2.3578e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.1595e+01	-2.9154e+00	-1.0704e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.6013e+01	-3.1583e-01	-4.8034e-01
149	0.0000e+00	0.0000e+00	0.0000e+00	-6.9946e+01	-2.4449e+00	6.0293e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.2643e+01	-4.0907e+00	5.5010e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.4040e+01	-1.9321e-01	6.2094e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.2111e+01	-3.0829e+00	6.7681e+00
148	0.0000e+00	0.0000e+00	0.0000e+00	-7.7307e+01	-3.6334e+00	1.1011e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.4705e+01	-4.4751e+00	1.3504e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.4412e+01	-3.8835e+00	-6.4920e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-7.6696e+01	-2.4890e+00	-2.2482e-01
147	0.0000e+00	0.0000e+00	0.0000e+00	-5.9220e+01	-3.7408e+00	7.5896e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.5821e+01	-6.9090e+00	-4.5895e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.8179e+01	-3.3878e+00	-2.2554e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.9455e+01	-3.6417e+00	-1.1509e+00
146	0.0000e+00	0.0000e+00	0.0000e+00	-3.8885e+01	-7.9391e+00	-1.4084e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8944e+01	-1.0785e+01	-2.4549e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.3492e+01	-8.6087e+00	-7.6833e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.7818e+01	-3.7418e+00	-6.4869e+00
145	0.0000e+00	0.0000e+00	0.0000e+00	-2.9697e+01	-1.3049e+01	-2.5168e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7922e+01	-1.6933e+01	-2.4661e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.9259e+01	-1.0928e+01	-6.0046e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7482e+01	-9.0255e+00	-6.6686e+00
144	0.0000e+00	0.0000e+00	0.0000e+00	1.3148e+00	-1.5472e+01	9.4365e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.2870e+00	-2.0740e+01	2.5523e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2967e+00	-2.1235e+01	6.5724e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.7655e-01	-1.8006e+01	-5.7643e-01
143	0.0000e+00	0.0000e+00	0.0000e+00	-1.0167e+01	-6.9913e-01	-5.4333e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-1.3262e+01	3.6481e-01	-2.4954e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1609e+01	-1.8168e+00	-4.1693e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6748e+01	-3.4139e+00	1.1577e+00
142	0.0000e+00	0.0000e+00	0.0000e+00	-2.4572e+01	3.9329e+00	-5.4410e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2915e+01	-4.1894e-01	-5.7150e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.0063e+01	-3.3641e+00	-8.0421e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5170e+01	-4.4959e+00	-6.6728e+00
141	0.0000e+00	0.0000e+00	0.0000e+00	-6.5931e+01	-4.8235e+00	-1.0433e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.7002e+01	-4.9337e+00	-3.4300e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.7093e+01	-3.1036e+00	2.9982e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.4316e+01	-4.2552e+00	-4.0519e-01
140	0.0000e+00	0.0000e+00	0.0000e+00	-1.8163e+01	1.8721e+00	1.7335e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3389e+01	2.1851e+00	4.2711e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7939e+01	3.4348e-01	-2.4390e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7748e+01	7.5546e+00	-3.5942e+00
139	0.0000e+00	0.0000e+00	0.0000e+00	-1.3329e+01	-1.7186e+01	-1.3564e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.5143e+00	-1.3130e+01	-1.4303e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1349e+01	-7.8387e+00	-1.0152e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3379e+01	-1.1112e+01	-9.1977e+00
138	0.0000e+00	0.0000e+00	0.0000e+00	-1.2762e+01	-1.1082e+01	-1.3889e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.8649e-01	-7.3777e+00	-1.7122e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.4522e+00	-5.9121e+00	-1.4196e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1858e+01	-7.1494e+00	-1.1038e+01
137	0.0000e+00	0.0000e+00	0.0000e+00	-5.2250e+00	-1.2722e+01	1.2907e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.5718e-01	-1.7916e+01	1.1307e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0964e+00	-1.5556e+01	7.7414e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.4359e+00	-1.2323e+01	8.9628e+00
136	0.0000e+00	0.0000e+00	0.0000e+00	-2.1409e+00	-1.9995e+01	9.1724e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7263e+00	-2.5959e+01	3.1321e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4523e+00	-1.7529e+01	1.9335e+00

	0.0000e+00	0.0000e+00	0.0000e+00	-8.6179e+00	-2.0465e+01	5.5453e+00
135	0.0000e+00	0.0000e+00	0.0000e+00	-3.6578e+00	-2.7532e+01	5.0365e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.3426e-01	-2.2031e+01	5.7943e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2866e+00	-2.0197e+01	5.8590e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.8507e+00	-1.4836e+01	5.1827e+00
134	0.0000e+00	0.0000e+00	0.0000e+00	2.4322e-01	-2.4050e+01	4.7924e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.4359e+00	-2.2480e+01	9.6062e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.6216e+00	-1.3127e+01	1.3576e+01
	0.0000e+00	0.0000e+00	0.0000e+00	5.3883e+00	-1.8504e+01	8.0636e+00
133	0.0000e+00	0.0000e+00	0.0000e+00	-1.7246e+01	4.3230e+00	-1.7153e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.4757e+00	1.7443e+01	-1.8240e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4189e+01	9.4888e+00	-1.0988e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.9813e+00	8.0335e+00	-1.1748e+01
132	0.0000e+00	0.0000e+00	0.0000e+00	-3.1436e+01	-2.9619e+01	-1.5532e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.1311e+01	-2.8447e+01	-1.8963e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.1452e+01	-3.2387e+01	-1.5761e+01
131	0.0000e+00	0.0000e+00	0.0000e+00	-6.8034e+00	3.7140e+01	8.8906e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.3584e+01	1.4560e+01	8.2291e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6622e+01	2.0576e+01	2.5473e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0208e+01	1.4944e+01	-1.0755e+00
130	0.0000e+00	0.0000e+00	0.0000e+00	-3.1927e+01	1.3968e+01	-2.8526e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.8582e+01	1.3898e+01	-6.2396e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.1515e+01	2.0532e+01	-4.5460e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2619e+01	1.7889e+01	-2.2420e+00
129	0.0000e+00	0.0000e+00	0.0000e+00	1.8754e+01	-4.7439e+01	3.0202e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.3627e+01	-4.2972e+01	-2.8764e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.1165e+01	-6.3202e+01	-6.3734e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.7396e+00	-5.9977e+01	4.8660e+00
128	0.0000e+00	0.0000e+00	0.0000e+00	-6.4652e+01	7.4727e+00	-1.4991e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.8097e+01	6.9684e+00	7.3755e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-7.5667e+01	2.4419e+00	-1.8319e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.3189e+01	4.2404e+00	-2.5048e+00
127	0.0000e+00	0.0000e+00	0.0000e+00	-7.9166e+01	6.4457e+00	-6.6261e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.2716e+01	7.8512e+00	-5.5418e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.2015e+01	7.3094e+00	-2.5634e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.7005e+01	1.1949e+00	-4.3563e+00
126	0.0000e+00	0.0000e+00	0.0000e+00	6.7945e+00	-7.7786e+01	-4.1977e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.6309e+00	-7.8576e+01	-6.0817e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.1721e+00	-6.7799e+01	-5.8312e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.5148e+00	-6.8594e+01	-4.3949e+00
125	0.0000e+00	0.0000e+00	0.0000e+00	-4.8535e+01	1.3650e+00	1.9856e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6242e+01	-4.7560e+00	1.1076e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5109e+01	-9.7978e+00	9.8507e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.5761e+01	-2.7460e+00	9.2552e+00
124	0.0000e+00	0.0000e+00	0.0000e+00	-2.0150e+01	4.7584e+00	-1.0531e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.0178e+01	-1.0881e+01	-1.6543e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.0976e+01	-1.7402e+01	-2.5950e+01
123	0.0000e+00	0.0000e+00	0.0000e+00	-5.0624e+00	-1.4856e+01	-9.4806e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.5953e+00	-1.7912e+01	-1.3026e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0507e+01	-5.0932e+01	-1.5541e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.9144e+00	-4.7751e+01	-1.3779e+01
122	0.0000e+00	0.0000e+00	0.0000e+00	-8.4060e+00	-1.4173e+01	-1.7458e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.5106e+00	-1.8755e+01	-2.2063e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3064e+01	-4.5141e+01	-2.2363e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0958e+01	-4.8209e+01	-1.9083e+01
121	0.0000e+00	0.0000e+00	0.0000e+00	-8.9127e+00	-1.8447e+01	-2.8421e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.2727e+00	-1.8326e+01	-2.8485e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8301e+00	-3.5127e+01	-2.5515e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7304e+01	-4.1594e+01	-2.5795e+01
120	0.0000e+00	0.0000e+00	0.0000e+00	-3.2583e+01	1.2700e+00	2.4999e+01

	0.0000e+00	0.0000e+00	0.0000e+00	-6.0675e+01	-6.7829e+00	2.0765e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.4822e+01	-1.8669e+01	1.7700e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.7819e+01	-2.1218e+01	2.1925e+01
119	0.0000e+00	0.0000e+00	0.0000e+00	-2.5585e+01	-5.4110e+01	-1.5430e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.0852e+00	-2.3413e+01	-1.5308e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3236e+01	-6.7066e+01	-9.5601e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7301e+01	-5.1304e+01	-8.2179e+00
118	0.0000e+00	0.0000e+00	0.0000e+00	-2.8197e+01	-1.8546e+01	1.2031e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.3277e+01	-2.0239e+01	1.0036e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.6431e+01	-2.4934e+01	6.7164e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.4527e+01	-2.5072e+01	1.1368e+01
117	0.0000e+00	0.0000e+00	0.0000e+00	-4.5927e+01	-1.8292e+01	-6.9379e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1589e+01	-2.2432e+01	-1.4618e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.3825e+01	-2.5959e+01	-1.5055e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.8244e+01	-2.5694e+01	-6.7480e+00
116	0.0000e+00	0.0000e+00	0.0000e+00	-1.5793e+01	-3.1592e+01	1.4490e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2438e+01	-4.0142e+01	1.2966e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0622e+01	-1.8317e+01	1.4943e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0388e+01	-3.0997e+01	1.6493e+01
115	0.0000e+00	0.0000e+00	0.0000e+00	-3.3304e+01	-2.4142e+01	-1.5537e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9132e+01	-2.2357e+01	-1.1895e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0622e+01	-1.8377e+01	-1.2154e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4441e+01	-1.6304e+01	-1.5594e+01
114	0.0000e+00	0.0000e+00	0.0000e+00	-1.3195e+01	-1.8576e+01	-1.3175e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0172e+01	-1.8892e+01	-1.3192e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5364e+01	-1.1933e+01	-1.0349e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8407e+01	-1.7966e+01	-1.0067e+01
113	0.0000e+00	0.0000e+00	0.0000e+00	-2.2355e+01	-4.5286e+01	1.0724e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4596e+01	-5.7435e+01	1.3331e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5498e+01	-6.2564e+01	8.0679e+00

	0.0000e+00	0.0000e+00	0.0000e+00	-2.1570e+01	-5.4957e+01	1.1551e+00
112	0.0000e+00	0.0000e+00	0.0000e+00	-1.5704e-01	-8.7005e+00	-9.9289e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.0972e+00	-8.2601e-01	-1.5009e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.6674e+00	-8.9146e-01	-8.4336e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9780e+00	-4.9106e+00	-7.4757e+00
111	0.0000e+00	0.0000e+00	0.0000e+00	-3.1654e+01	-9.1048e+00	-9.1482e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.4077e+01	-8.5376e+00	-1.0641e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.1545e+01	-1.0311e+01	-1.0677e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6378e+01	-8.9022e+00	-8.5844e+00
110	0.0000e+00	0.0000e+00	0.0000e+00	-5.0792e+01	-7.3929e+00	-1.6755e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.7239e+01	-5.8108e+00	-2.0151e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.9234e+01	-8.8385e+00	-1.0047e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.8678e+01	-8.2415e+00	-1.7262e+00
109	0.0000e+00	0.0000e+00	0.0000e+00	-7.5433e+01	-7.8791e+00	-9.0441e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.2942e+01	-7.4503e+00	-6.7754e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.9746e+01	-9.5772e+00	-6.1868e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.2391e+01	-1.1261e+01	-8.0937e+00
108	0.0000e+00	0.0000e+00	0.0000e+00	-7.8696e+01	-6.8569e+00	6.0280e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.7914e+01	-5.8261e+00	6.9392e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.7604e+01	-1.1131e+01	6.8974e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.6272e+01	-1.0158e+01	6.2148e+00
107	0.0000e+00	0.0000e+00	0.0000e+00	-5.2645e+01	-1.2952e+01	1.8362e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.7979e+01	-1.5186e+01	1.2427e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.5672e+01	-1.8081e+01	9.1746e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.6705e+01	-1.3598e+01	1.5197e+01
106	0.0000e+00	0.0000e+00	0.0000e+00	-6.1423e+01	-1.5622e+01	6.9196e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.4536e+01	-1.8739e+01	8.0794e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.4402e+01	-2.2665e+01	-2.4857e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.5947e+01	-1.7981e+01	3.3479e+00
105	0.0000e+00	0.0000e+00	0.0000e+00	-5.4422e+01	-2.4740e+01	-1.1091e+01

	0.0000e+00	0.0000e+00	0.0000e+00	-4.4920e+01	-3.2624e+01	-1.0320e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.5586e+01	-2.4029e+01	-1.4108e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.6101e+01	-2.5250e+01	-1.3868e+01
104	0.0000e+00	0.0000e+00	0.0000e+00	-3.3655e+01	-2.6707e+01	-1.1152e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6148e+01	-2.1968e+01	-1.4742e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8403e+01	-1.8996e+01	-1.0883e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.1583e+01	-1.9764e+01	-7.8987e+00
103	0.0000e+00	0.0000e+00	0.0000e+00	-1.8799e+01	-1.1777e+01	-1.0124e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5510e+01	-1.0021e+01	-7.7726e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2365e+01	-7.9098e+00	-5.0162e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6971e+01	-1.1417e+01	-7.4270e+00
102	0.0000e+00	0.0000e+00	0.0000e+00	-1.3921e+01	-6.7734e+00	-7.1786e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3884e+01	-6.6716e+00	-8.3475e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4943e+01	-9.2096e-01	-4.8490e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5776e+01	-7.3094e+00	-3.5421e+00
101	0.0000e+00	0.0000e+00	0.0000e+00	-5.9839e+01	-1.0530e+01	1.0319e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.8588e+01	-1.3987e+01	5.9053e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.3558e+01	-1.2158e+01	2.8264e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.2211e+01	-8.7794e+00	7.1741e+00
100	0.0000e+00	0.0000e+00	0.0000e+00	4.9463e-01	-7.7757e+00	-4.8910e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.6484e+00	-8.6664e+00	-6.7479e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.8898e+00	-8.6918e+00	-4.1740e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.0259e+00	-1.5737e+01	-2.9825e+00
99	0.0000e+00	0.0000e+00	0.0000e+00	-1.4863e+01	-1.7339e+00	4.7847e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5478e+01	-6.9969e+00	6.7714e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9311e+01	-2.4509e+00	1.6601e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3939e+01	8.9852e-01	-1.3543e+00
98	0.0000e+00	0.0000e+00	0.0000e+00	-7.7519e+01	-7.9377e+00	1.5757e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.7020e+01	-5.0349e+00	5.4857e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.3294e+01	-7.7051e+00	7.8688e+00

	0.0000e+00	0.0000e+00	0.0000e+00	-7.4740e+01	-1.0449e+01	4.3240e+00
97	0.0000e+00	0.0000e+00	0.0000e+00	-6.2916e+01	-8.2194e+00	-6.8956e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.3798e+01	-6.1213e+00	-4.9354e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.1371e+01	-9.4021e+00	-3.7979e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.9460e+01	-9.2426e+00	-6.3625e+00
96	0.0000e+00	0.0000e+00	0.0000e+00	-6.0739e+00	-1.2179e+01	7.9306e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8925e+01	-2.2101e+01	9.8199e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-9.4061e+00	-1.4689e+01	8.6202e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4111e+01	-1.8544e+01	5.5225e+00
95	0.0000e+00	0.0000e+00	0.0000e+00	-2.1385e+01	-2.1404e+01	-1.2923e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6100e+01	-1.7262e+01	-1.1565e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5179e+01	-1.6540e+01	-9.6830e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0689e+01	-1.6047e+01	-1.1383e+01
94	0.0000e+00	0.0000e+00	0.0000e+00	-4.6536e+01	-1.2504e+01	-1.0910e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.7827e+01	-1.3728e+01	-1.1718e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.7099e+01	-1.5256e+01	-1.0946e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.5748e+01	-1.7608e+01	-1.0341e+01
93	0.0000e+00	0.0000e+00	0.0000e+00	-7.3038e+01	-1.2116e+01	-7.3275e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.8438e+01	-8.9856e+00	-4.0558e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.5552e+01	-1.1764e+01	-9.8176e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.8346e+01	-1.5379e+01	-4.3759e+00
92	0.0000e+00	0.0000e+00	0.0000e+00	-6.8046e+01	-1.5119e+01	3.2477e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.6344e+01	-1.8717e+01	-9.1210e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.7758e+01	-1.4995e+01	-3.3568e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.4876e+01	-1.2973e+01	6.1377e-01
91	0.0000e+00	0.0000e+00	0.0000e+00	-3.7329e+01	-1.6131e+01	-8.5092e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.9355e+01	-2.1743e+01	-9.2807e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8597e+01	-1.0048e+01	-1.1224e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.2471e+01	-1.1738e+01	-1.0797e+01
90	0.0000e+00	0.0000e+00	0.0000e+00	-6.8087e-01	-1.4053e+01	-4.2973e+00

	0.0000e+00	0.0000e+00	0.0000e+00	-9.9188e+00	-1.7793e+01	-3.1394e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5168e+00	-9.8531e+00	-1.6967e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.0351e+00	-1.5289e+01	-3.4317e+00
89	0.0000e+00	0.0000e+00	0.0000e+00	-5.7180e+01	-1.6580e+01	-1.2924e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.8504e+01	-1.2432e+01	-1.1740e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.5438e+01	-1.6652e+01	-9.6916e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.2993e+01	-1.5677e+01	-1.2300e+01
88	0.0000e+00	0.0000e+00	0.0000e+00	3.5910e+01	8.8444e+00	1.3091e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2700e+00	-3.5923e+00	9.1616e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.2680e+00	-4.5100e+00	5.4761e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.3352e+00	-1.2550e+01	8.1691e+00
87	0.0000e+00	0.0000e+00	0.0000e+00	-2.9584e+00	-1.8402e+01	-3.4662e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.3890e+00	-2.1530e+01	-7.0399e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.3449e+00	-5.1723e+01	-1.1462e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.2750e+00	-4.6347e+01	-9.9284e+00
86	0.0000e+00	0.0000e+00	0.0000e+00	-1.1139e+01	-1.8710e+00	-4.1843e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6325e+01	-5.2910e+00	-2.0158e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4251e+01	-7.8755e+00	-2.2485e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7438e+01	-1.1192e+01	-7.5366e-01
85	0.0000e+00	0.0000e+00	0.0000e+00	-1.0051e+01	-6.2816e+00	-2.9555e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6309e+01	-9.3533e+00	-5.0617e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6291e+01	-5.4262e+00	-4.5960e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4298e+01	-8.7572e+00	-3.6151e+00
84	0.0000e+00	0.0000e+00	0.0000e+00	3.2921e+01	-2.3592e+01	-7.4805e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0783e+01	-1.4998e+01	-8.7320e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.1055e+01	-1.1918e+01	1.1065e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.4284e+01	-2.4267e+01	-2.8862e+00
83	0.0000e+00	0.0000e+00	0.0000e+00	-1.2570e+01	-1.0316e+01	3.3792e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0686e+01	-1.0589e+01	-1.1055e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1882e+01	1.5000e+00	-1.5191e+00

	0.0000e+00	0.0000e+00	0.0000e+00	-1.4098e+01	2.0737e+00	-3.4626e-02
82	0.0000e+00	0.0000e+00	0.0000e+00	-9.4428e+00	-1.0582e+01	-2.9862e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.6298e+00	-1.0923e+01	-1.3761e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.4823e+00	9.4246e-01	-1.8949e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0677e+01	1.6994e+00	-7.9070e-01
81	0.0000e+00	0.0000e+00	0.0000e+00	-5.2482e+00	-1.0802e+01	-4.9992e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8903e+00	-1.1169e+01	-1.2627e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5416e+00	7.5389e-01	-1.6659e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.1382e+00	1.2282e+00	-8.6694e-01
80	0.0000e+00	0.0000e+00	0.0000e+00	-1.8197e+00	-1.0925e+01	-3.0879e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.8549e-01	-1.1307e+01	-9.7359e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0065e+00	8.1114e-01	-1.2713e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5734e+00	1.0384e+00	-5.5688e-01
79	0.0000e+00	0.0000e+00	0.0000e+00	3.9666e-01	-1.0995e+01	2.9275e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.0272e+00	-1.1420e+01	-6.4934e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.1773e-01	8.8949e-01	-9.5654e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.8356e-01	1.0994e+00	-2.2243e-01
78	0.0000e+00	0.0000e+00	0.0000e+00	1.6481e+00	-1.1091e+01	3.6431e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7321e+00	-1.1671e+01	-3.4872e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1892e+00	9.5468e-01	-7.2712e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.6687e-01	1.1777e+00	2.7090e-02
77	0.0000e+00	0.0000e+00	0.0000e+00	2.2535e+00	-1.1379e+01	6.6567e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.9126e+00	-1.2195e+01	-1.0066e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5463e+00	1.0981e+00	-5.0465e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1683e+00	1.2018e+00	2.2640e-01
76	0.0000e+00	0.0000e+00	0.0000e+00	2.0981e+00	-1.1939e+01	8.0613e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4294e+00	-1.2816e+01	-3.4013e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.8795e-01	2.2719e+00	-1.5873e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.9292e-01	1.2504e+00	7.7407e-01
75	0.0000e+00	0.0000e+00	0.0000e+00	9.1455e-01	-1.2470e+01	8.2488e-01

	0.0000e+00	0.0000e+00	0.0000e+00	1.1152e+00	-1.1899e+01	-1.0430e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.3745e-01	1.5813e+00	-7.8969e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.2418e-01	2.1024e+00	6.0760e-01
74	0.0000e+00	0.0000e+00	0.0000e+00	1.3291e+00	-1.2527e+01	-1.9407e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.0360e+00	-1.1438e+01	-1.0991e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0861e+00	1.0916e+00	-7.8135e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.6624e-01	1.5469e+00	2.6396e-02
73	0.0000e+00	0.0000e+00	0.0000e+00	1.5027e+00	-1.1935e+01	-1.3669e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8882e+00	-1.1159e+01	-7.4503e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1873e+00	1.0220e+00	-2.4811e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0509e+00	6.7141e-01	3.7503e-01
72	0.0000e+00	0.0000e+00	0.0000e+00	1.1628e+00	-1.1642e+01	2.9669e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.2534e-01	-1.0985e+01	-2.4355e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.1604e-01	9.3763e-01	1.8467e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.4087e-01	5.5620e-01	7.9396e-01
71	0.0000e+00	0.0000e+00	0.0000e+00	-3.6971e-04	-1.1435e+01	8.0406e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1325e+00	-1.0883e+01	2.7045e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7550e+00	9.2299e-01	6.7873e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.7589e-01	4.7483e-01	1.2931e+00
70	0.0000e+00	0.0000e+00	0.0000e+00	-2.3334e+00	-1.1234e+01	1.2762e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.4714e+00	-1.0748e+01	6.0509e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.2862e+00	1.1612e+00	1.0937e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.9993e+00	4.8600e-01	1.8398e+00
69	0.0000e+00	0.0000e+00	0.0000e+00	-5.9161e+00	-1.0956e+01	1.5206e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.6869e+00	-1.0530e+01	5.3086e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.8508e+00	1.7140e+00	1.1115e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.7844e+00	7.8716e-01	2.1766e+00
68	0.0000e+00	0.0000e+00	0.0000e+00	-1.0022e+01	-1.0563e+01	1.3338e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2397e+01	-1.0278e+01	-5.2571e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3805e+01	2.4370e+00	4.7864e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-1.1292e+01	1.4872e+00	1.9456e+00
67	0.0000e+00	0.0000e+00	0.0000e+00	8.9102e+00	-1.2835e+01	-2.0709e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.9305e+01	-1.4767e+01	-7.7981e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.8506e+01	-1.2088e+01	-2.8358e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.3342e+00	-1.0291e+01	-2.0985e+00
66	0.0000e+00	0.0000e+00	0.0000e+00	3.6186e+01	-1.3887e+01	-1.1458e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.9002e+01	-1.5193e+01	-1.5753e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.8402e+01	-1.1905e+01	-2.8298e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.5772e+01	-1.0931e+01	-2.2689e+00
65	0.0000e+00	0.0000e+00	0.0000e+00	4.8871e+01	-1.5886e+01	-3.2370e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.2566e+01	-1.0277e+01	-1.4393e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.5626e+01	-1.3047e+01	6.4609e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.9730e+01	-1.1324e+01	-1.3566e+00
64	0.0000e+00	0.0000e+00	0.0000e+00	2.7774e+01	-1.8332e+01	-1.7599e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.5818e+01	-1.8674e+01	1.7082e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2262e+01	9.5965e+00	2.7368e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4362e+01	-1.0344e+01	7.2746e+00
63	0.0000e+00	0.0000e+00	0.0000e+00	-9.2431e+00	-2.5338e+01	-1.6047e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7711e+00	-1.0408e+01	-1.9004e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8806e+00	3.1354e+01	-6.9444e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-9.4353e+00	2.2260e+01	-4.4933e+00
62	0.0000e+00	0.0000e+00	0.0000e+00	-6.5596e+00	-8.2327e+00	-1.1586e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.2681e+00	-6.6070e-01	-1.3539e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3282e+00	4.1247e+01	-6.7149e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.7265e+00	3.5307e+01	-5.2923e+00
61	0.0000e+00	0.0000e+00	0.0000e+00	-5.0997e+00	-7.7366e-01	-8.3617e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.0669e+00	6.5073e+00	-9.6521e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.9829e-01	4.5113e+01	-4.8015e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5869e+00	4.2750e+01	-3.9135e+00
60	0.0000e+00	0.0000e+00	0.0000e+00	7.6701e-01	5.2664e+00	-4.3985e+00

	0.0000e+00	0.0000e+00	0.0000e+00	2.3075e-01	5.8472e+00	-6.4298e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5670e+00	4.9298e+01	-3.4955e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.3411e-01	4.4241e+01	-2.1567e+00
59	0.0000e+00	0.0000e+00	0.0000e+00	6.7068e-01	3.5417e+00	-3.7565e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.3369e-01	8.4141e+00	-5.9946e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5174e+00	4.9771e+01	-2.3523e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4293e+00	4.6782e+01	-2.8960e-01
58	0.0000e+00	0.0000e+00	0.0000e+00	1.3930e+00	5.7707e+00	-2.2142e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.3538e-01	8.9196e+00	-4.3807e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6555e+00	4.9729e+01	-1.8353e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.1787e-01	4.7098e+01	2.6500e-01
57	0.0000e+00	0.0000e+00	0.0000e+00	2.1892e+00	5.7022e+00	-7.6327e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1793e+00	7.0499e+00	-2.3843e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.3135e-01	4.7724e+01	-1.8834e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0849e-01	4.6959e+01	3.7461e-01
56	0.0000e+00	0.0000e+00	0.0000e+00	3.2271e+00	4.5708e+00	1.0062e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.3437e+00	4.9913e+00	-8.8867e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.2335e-01	4.8642e+01	2.1361e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0714e+00	4.4939e+01	3.4128e+00
55	0.0000e+00	0.0000e+00	0.0000e+00	2.4070e+00	4.5433e+00	1.9451e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.1005e+00	6.1829e+00	-1.1190e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.1165e-02	4.8409e+01	-1.9452e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5723e+00	4.7386e+01	3.3421e+00
54	0.0000e+00	0.0000e+00	0.0000e+00	2.6048e+00	5.9829e+00	2.4511e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0432e+00	6.1945e+00	-2.5450e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.0290e-01	4.8635e+01	6.8220e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-8.6293e-01	4.8235e+01	2.6512e+00
53	0.0000e+00	0.0000e+00	0.0000e+00	2.3120e+00	5.6181e+00	3.5680e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.1316e-01	4.7728e+00	1.2140e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2937e+00	4.8444e+01	1.1649e+00

	0.0000e+00	0.0000e+00	0.0000e+00	-1.1863e+00	4.8034e+01	3.1246e+00
52	0.0000e+00	0.0000e+00	0.0000e+00	2.4406e+00	3.9764e+00	4.7957e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.5136e-01	3.6715e+00	1.8809e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9308e+00	4.7029e+01	2.1702e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4821e+00	4.6603e+01	4.4198e+00
51	0.0000e+00	0.0000e+00	0.0000e+00	7.2415e-02	1.2029e+00	5.3399e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.0437e+00	2.3434e+00	4.4393e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.3181e+00	4.3812e+01	4.1672e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.9746e+00	4.4822e+01	5.6026e+00
50	0.0000e+00	0.0000e+00	0.0000e+00	-1.0696e+00	1.6675e-01	1.0182e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.6726e+00	-3.5828e+00	9.8530e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.4641e+00	3.7403e+01	6.2625e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.3140e+00	4.1217e+01	6.8444e+00
49	0.0000e+00	0.0000e+00	0.0000e+00	-1.6394e+00	-7.5808e+00	1.7509e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0269e+01	-2.1267e+01	1.6566e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0115e+01	2.4341e+01	6.3734e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.8702e+00	3.2773e+01	7.4347e+00
48	0.0000e+00	0.0000e+00	0.0000e+00	6.7408e+00	-2.8479e+01	2.8322e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9146e+01	-8.4141e+01	1.8814e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0977e+01	2.6053e+01	-1.6306e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-9.3790e+00	1.4649e+01	7.9973e+00
47	0.0000e+00	0.0000e+00	0.0000e+00	3.3039e+01	-1.2901e+01	1.1128e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.8936e+01	-1.6931e+01	2.9294e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.9514e+01	-1.2199e+01	1.1240e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.5961e+01	-1.2990e+01	-6.0470e-01
46	0.0000e+00	0.0000e+00	0.0000e+00	4.8891e+01	-1.6270e+01	1.0964e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.5840e+01	-1.4586e+01	6.6888e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.5612e+01	-1.1717e+01	2.1544e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.8450e+01	-1.2794e+01	2.5783e+00
45	0.0000e+00	0.0000e+00	0.0000e+00	2.9039e+01	-1.5395e+01	2.5075e-01

	0.0000e+00	0.0000e+00	0.0000e+00	8.5452e+00	-1.3223e+01	-2.3673e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.3000e+00	-1.0930e+01	1.9102e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.8485e+01	-1.2777e+01	2.4219e+00
44	0.0000e+00	0.0000e+00	0.0000e+00	-1.3719e+00	7.9233e+00	2.0160e-02
	0.0000e+00	0.0000e+00	0.0000e+00	4.2194e-01	7.7736e+00	-1.2726e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-9.8528e-01	2.9771e+01	-1.1892e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5281e+00	2.9370e+01	1.9927e-01
43	0.0000e+00	0.0000e+00	0.0000e+00	8.0141e-01	8.2210e+00	4.6761e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8430e+00	7.9781e+00	-1.0085e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.6849e-01	3.0382e+01	-1.0586e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.6600e-01	3.0189e+01	5.2745e-01
42	0.0000e+00	0.0000e+00	0.0000e+00	1.9100e+00	8.4527e+00	7.8736e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.6735e+00	8.2069e+00	-8.2405e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.2913e-01	3.1040e+01	-8.8818e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.1112e-01	3.0850e+01	8.6720e-01
41	0.0000e+00	0.0000e+00	0.0000e+00	2.2608e+00	8.6356e+00	1.0335e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.1991e+00	8.5394e+00	-6.5859e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4623e+00	3.2124e+01	-4.5553e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.2099e-01	3.1536e+01	1.3406e+00
40	0.0000e+00	0.0000e+00	0.0000e+00	2.4947e+00	8.5344e+00	1.5249e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.3078e+00	7.6457e+00	2.6864e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.1191e+00	3.5897e+01	1.6688e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1107e+00	3.2499e+01	2.5025e+00
39	0.0000e+00	0.0000e+00	0.0000e+00	4.8899e-01	9.3056e+00	1.1682e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.5659e-03	9.1478e+00	-2.1096e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3807e+00	3.2141e+01	-2.8203e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8793e+00	3.5400e+01	-1.0575e+00
38	0.0000e+00	0.0000e+00	0.0000e+00	2.4284e+00	7.6449e+00	-5.2905e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.2346e+00	8.8087e+00	-1.8383e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.8185e-01	3.1694e+01	-1.3535e+00

	0.0000e+00	0.0000e+00	0.0000e+00	1.4037e+00	3.1655e+01	-1.9769e-02
37	0.0000e+00	0.0000e+00	0.0000e+00	2.7904e+00	7.7657e+00	4.5275e-02
	0.0000e+00	0.0000e+00	0.0000e+00	2.1538e+00	8.7222e+00	-1.3319e+00
	0.0000e+00	0.0000e+00	0.0000e+00	9.6245e-01	3.0968e+01	-7.9171e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1102e+00	3.0379e+01	7.7507e-01
36	0.0000e+00	0.0000e+00	0.0000e+00	2.3095e+00	7.5844e+00	4.6281e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3144e+00	8.4090e+00	-7.9264e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.9384e-01	3.0115e+01	-4.1450e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.4142e-01	2.9740e+01	1.0526e+00
35	0.0000e+00	0.0000e+00	0.0000e+00	1.0578e+00	7.3649e+00	9.6027e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.8317e-01	8.0400e+00	-1.1465e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5818e+00	2.9264e+01	1.5977e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.3883e-01	2.9019e+01	1.4405e+00
34	0.0000e+00	0.0000e+00	0.0000e+00	-1.4740e+00	7.2782e+00	1.5701e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.1801e+00	7.9451e+00	4.9805e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.2042e+00	2.8739e+01	8.7821e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8401e+00	2.8328e+01	2.1335e+00
33	0.0000e+00	0.0000e+00	0.0000e+00	-5.4894e+00	7.5617e+00	2.0631e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.7719e+00	8.2694e+00	7.0287e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0244e+01	2.8888e+01	1.3290e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.8983e+00	2.8026e+01	2.8759e+00
32	0.0000e+00	0.0000e+00	0.0000e+00	3.5744e+01	-9.1812e+00	-5.6891e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.9245e+01	-9.6462e+00	-1.7275e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.9724e+01	-5.6420e+00	-6.5729e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.5345e+01	-5.2995e+00	-9.3787e-01
31	0.0000e+00	0.0000e+00	0.0000e+00	4.9348e+01	-9.7636e+00	-1.1372e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.8348e+01	-4.4090e+00	1.8322e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.3486e+01	-3.6805e+00	4.8352e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.0967e+01	-4.0953e+00	1.6198e+00
30	0.0000e+00	0.0000e+00	0.0000e+00	-1.8530e+00	4.5144e+01	-3.4091e+00

	0.0000e+00	0.0000e+00	0.0000e+00	-6.2998e-01	5.0124e+01	-4.6666e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.6520e-01	5.4394e+01	-1.3321e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.9984e+00	5.2412e+01	-5.2463e-02
29	0.0000e+00	0.0000e+00	0.0000e+00	-4.1952e-01	5.1167e+01	-3.5638e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.4409e+00	5.4101e+01	-4.0902e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.5484e-01	5.7308e+01	-1.8447e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.3370e-01	5.5578e+01	-1.3445e+00
28	0.0000e+00	0.0000e+00	0.0000e+00	2.3899e-01	5.4509e+01	-3.5059e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.6284e+00	5.6667e+01	-3.5942e+00
	0.0000e+00	0.0000e+00	0.0000e+00	9.6709e-01	5.9565e+01	-1.8948e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.9204e-01	5.8236e+01	-1.8557e+00
27	0.0000e+00	0.0000e+00	0.0000e+00	-3.5755e-01	5.6585e+01	-3.2488e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.4549e+00	5.7802e+01	-2.9636e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.1645e-01	6.1410e+01	-1.7863e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.1488e+00	6.0323e+01	-2.1775e+00
26	0.0000e+00	0.0000e+00	0.0000e+00	3.9205e-01	5.7604e+01	-3.8228e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.4217e+00	5.7978e+01	-3.8020e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.2339e-01	6.3930e+01	-2.4968e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.4492e+00	6.1747e+01	-2.7032e+00
25	0.0000e+00	0.0000e+00	0.0000e+00	1.2998e+00	5.7345e+01	-6.4117e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.8344e+00	5.7131e+01	-7.4585e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.9105e-01	6.4855e+01	-6.9152e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.1884e+00	6.3510e+01	-5.8595e+00
24	0.0000e+00	0.0000e+00	0.0000e+00	3.0359e+00	5.5951e+01	4.9093e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.0442e+00	5.7968e+01	5.3744e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.5603e+00	6.1575e+01	3.9649e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.8670e+00	6.5854e+01	4.0444e+00
23	0.0000e+00	0.0000e+00	0.0000e+00	3.6616e-02	5.8277e+01	3.0929e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.7737e+00	5.6720e+01	3.0988e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.0583e+00	6.1643e+01	2.6052e+00

	0.0000e+00	0.0000e+00	0.0000e+00	-1.1122e+00	6.1229e+01	2.5044e+00
22	0.0000e+00	0.0000e+00	0.0000e+00	7.9042e-01	5.7062e+01	2.1026e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.6029e+00	5.7105e+01	1.9440e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.5506e+00	6.0789e+01	1.6248e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.9583e-01	6.1571e+01	1.7261e+00
21	0.0000e+00	0.0000e+00	0.0000e+00	5.3001e-01	5.6902e+01	1.8457e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.1457e+00	5.6410e+01	1.9258e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.7117e-01	5.9845e+01	1.2775e+00
	0.0000e+00	0.0000e+00	0.0000e+00	9.9372e-01	6.0755e+01	1.1602e+00
20	0.0000e+00	0.0000e+00	0.0000e+00	-6.7745e-02	5.5946e+01	2.2266e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.4661e-01	5.5139e+01	2.3368e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.6812e-02	5.8219e+01	1.3217e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.6760e-01	5.9588e+01	1.1818e+00
19	0.0000e+00	0.0000e+00	0.0000e+00	-1.4403e+00	5.4132e+01	3.1857e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0105e+00	5.2164e+01	3.4834e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7320e+00	5.5937e+01	1.6925e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7217e-01	5.7849e+01	1.3770e+00
18	0.0000e+00	0.0000e+00	0.0000e+00	-2.1166e+00	5.1005e+01	4.5382e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8423e+00	4.6642e+01	3.8172e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.8247e+00	5.2777e+01	9.1592e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5104e+00	5.4689e+01	1.6078e+00
17	0.0000e+00	0.0000e+00	0.0000e+00	-4.8448e+00	4.4919e+01	4.3531e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.7423e+00	3.9059e+01	1.7472e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0846e+01	4.9447e+01	-1.7029e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.6178e+00	5.1025e+01	8.6795e-01
16	0.0000e+00	0.0000e+00	0.0000e+00	4.9297e+01	-1.0618e+01	1.0894e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.5357e+01	-1.0113e+01	1.3616e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.5286e+01	-5.9730e+00	1.8055e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.0147e+01	-6.2973e+00	1.5323e+00
15	0.0000e+00	0.0000e+00	0.0000e+00	2.8819e+01	-1.1180e+01	8.5078e-01

	0.0000e+00	0.0000e+00	0.0000e+00	8.1097e+00	-9.6257e+00	4.5421e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.7721e+00	-6.2949e+00	1.9996e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.8364e+01	-7.6399e+00	2.4166e+00
14	0.0000e+00	0.0000e+00	0.0000e+00	-4.9710e+00	7.7986e+00	-4.3546e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1581e+00	7.6228e+00	-1.6503e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4417e+00	2.8994e+01	-1.6546e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.0329e+00	2.8763e+01	-3.7594e-01
13	0.0000e+00	0.0000e+00	0.0000e+00	8.3481e-01	3.8196e+01	8.3100e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7299e+00	3.8803e+01	-4.4270e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.0453e-01	5.6346e+01	2.4511e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5522e-01	5.5365e+01	1.6391e+00
12	0.0000e+00	0.0000e+00	0.0000e+00	-7.9309e-01	4.2405e+01	3.3451e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.2062e+00	4.9822e+01	2.3005e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.2683e-01	5.5680e+01	3.7366e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.6563e+00	5.9142e+01	5.5748e+00
11	0.0000e+00	0.0000e+00	0.0000e+00	1.8816e+00	4.6671e+01	-6.8484e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1518e+00	4.1280e+01	-5.2569e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.5553e+00	5.8910e+01	-6.4603e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.9638e-02	5.5849e+01	-7.0822e+00
10	0.0000e+00	0.0000e+00	0.0000e+00	3.4221e+00	4.1029e+01	-2.1756e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.9107e+00	4.0773e+01	-3.1902e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.3301e+00	5.8141e+01	-3.1667e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.1561e+00	5.6725e+01	-1.4036e+00
9	0.0000e+00	0.0000e+00	0.0000e+00	2.6497e+00	3.9541e+01	-7.6511e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.0923e+00	3.9818e+01	-2.0906e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.6419e-01	5.6939e+01	-2.2176e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0530e+00	5.6857e+01	-5.5740e-01
8	0.0000e+00	0.0000e+00	0.0000e+00	2.1672e+00	3.8396e+01	-3.3317e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4983e+00	3.8539e+01	-1.3697e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.4766e-01	5.5229e+01	-1.7593e+00

	0.0000e+00	0.0000e+00	0.0000e+00	9.3461e-01	5.5771e+01	-4.9619e-01
7	0.0000e+00	0.0000e+00	0.0000e+00	1.2418e+00	3.7169e+01	1.3107e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1993e-01	3.7130e+01	-4.7574e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.2093e-01	5.3075e+01	-1.1242e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.2717e-01	5.4093e+01	-3.1993e-01
6	0.0000e+00	0.0000e+00	0.0000e+00	-1.0287e+00	3.5978e+01	8.9777e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.9788e+00	3.5978e+01	6.6010e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.1273e+00	5.0683e+01	-5.5411e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7197e+00	5.1951e+01	3.6268e-01
5	0.0000e+00	0.0000e+00	0.0000e+00	9.4268e-01	5.8305e+01	1.1543e+00
	0.0000e+00	0.0000e+00	0.0000e+00	9.3299e-01	5.7760e+01	3.0090e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.7722e+00	4.0365e+01	1.8349e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.2174e+00	4.1795e+01	4.1142e-01
4	0.0000e+00	0.0000e+00	0.0000e+00	7.8870e-01	5.7327e+01	3.8256e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.8214e-01	5.6660e+01	1.9977e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.7522e+00	3.9179e+01	1.2303e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.3949e+00	3.9896e+01	-1.8047e-01
3	0.0000e+00	0.0000e+00	0.0000e+00	-7.6907e-01	5.4955e+01	5.0573e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9108e+00	5.3359e+01	1.6146e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2445e+00	3.6979e+01	4.6923e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.0479e-01	3.7835e+01	-6.2784e-01
2	0.0000e+00	0.0000e+00	0.0000e+00	-2.5992e+00	5.2839e+01	2.7226e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.9359e+00	5.0874e+01	8.3293e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.8592e+00	3.5753e+01	-3.6258e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6563e+00	3.6384e+01	-9.4662e-01
1	0.0000e+00	0.0000e+00	0.0000e+00	5.5957e+01	5.6022e+00	-1.1142e+01
	0.0000e+00	0.0000e+00	0.0000e+00	4.7569e+01	2.0664e+00	-1.1538e+01
	0.0000e+00	0.0000e+00	0.0000e+00	5.4956e+01	3.9033e+00	-1.4315e+01

2.10.9 Condizione "(1) Accidentale"

Elemento	Nx (kg)	Ny (kg)	Nxy (kg)	Mx (kgxcm)	My (kgxcm)	Mxy (kgxcm)

340	-1.1440e-02	1.9438e-04	-7.3402e-04	1.0411e+01	-2.8848e+00	-7.7925e+00
	-1.3967e-02	-1.4178e-01	-2.2067e-02	-1.0307e+01	-2.5177e+01	-5.3775e+00
	6.5843e-03	-1.4332e-01	-1.3402e-02	1.8494e+00	2.0643e+01	-9.5583e+00
	4.0575e-03	5.2210e-04	-3.3825e-03	5.7433e+00	4.3987e+00	-1.3701e+01
339	-1.4766e-01	7.0983e-03	-1.1639e-03	-1.0698e+00	4.1106e+00	9.9397e+00
	-1.4766e-01	6.4428e-03	-7.3336e-03	5.2608e+00	1.0902e+00	8.5006e+00
	0.0000e+00	-3.1087e-03	1.9073e-03	1.2610e+00	4.6394e+00	7.1283e+00
	0.0000e+00	2.3226e-03	-3.9021e-03	-5.5079e-02	6.5768e+00	9.1465e+00
338	-1.2630e-01	8.9174e-03	-5.3919e-05	1.3409e+00	2.8979e+00	5.0746e+00
	-1.2630e-01	8.9867e-03	-1.1206e-02	4.6489e+00	1.9434e+00	2.2809e+00
	0.0000e+00	-1.2613e-02	-2.6567e-03	1.9072e+00	3.8515e+00	1.9645e+00
	0.0000e+00	-5.4823e-03	-1.7500e-03	-4.1291e-01	5.8927e+00	5.0469e+00
337	-8.9111e-02	7.3050e-03	-3.8841e-03	1.4802e+00	1.8468e+00	5.8235e-01
	-8.9111e-02	2.2073e-03	-1.0728e-02	-4.0261e+00	-1.1342e+00	-7.1679e-01
	0.0000e+00	-2.4169e-02	-2.1323e-03	-1.3051e+00	-2.5309e+00	-2.9428e+00
	0.0000e+00	-1.2477e-02	-2.5172e-03	2.8694e-03	4.9232e+00	-2.4454e+00
336	-9.5705e-02	5.8073e-03	-1.0094e-02	-4.4165e-02	-1.5351e+00	2.8714e-01
	-9.5705e-02	1.9490e-02	5.2619e-04	-2.5464e-01	-5.7436e-01	3.3508e-01
	5.6243e-17	-6.1753e-03	2.3528e-02	4.2249e-02	5.2452e-02	7.3319e-01
	6.5467e-17	-1.4725e-02	5.1436e-03	-1.8232e-01	-3.3268e-01	5.0924e-01
335	-1.0017e-01	6.8203e-03	-9.0933e-03	1.4904e+00	1.3201e+00	-4.7290e-01
	-1.0017e-01	3.0700e-03	-3.0655e-02	1.4770e+00	1.1874e+00	-1.1596e+00
	2.7054e-17	-5.8041e-03	1.2392e-02	1.4668e+00	3.3864e+00	-1.3209e-01
	2.2388e-17	-7.3786e-04	2.6880e-02	-2.0178e-01	4.5437e-01	8.3052e-01
334	-5.3911e-02	1.5359e-04	-1.3393e-03	2.8754e-01	1.0793e+00	-2.5895e+00
	-5.3911e-02	2.2798e-03	9.2254e-03	-7.8833e-01	-1.2393e+00	-2.2167e+00
	0.0000e+00	5.7820e-03	-1.1477e-02	5.3118e-02	-8.0918e-01	-2.7105e+00
	0.0000e+00	4.3927e-03	-2.5849e-02	-3.2914e-01	-2.8383e-01	-3.2657e+00
333	-1.4311e-02	1.0089e-03	-3.1185e-03	-6.6579e-01	-2.6430e-01	-1.8610e+00
	-1.4311e-02	-3.2089e-03	4.7226e-03	-2.9731e-01	-4.8400e-01	-1.5836e+00

	-9.7729e-18	2.1227e-03	-4.0997e-03	9.3888e-02	-4.8187e-01	-1.3691e+00
	-8.3475e-18	7.7616e-03	-1.2952e-02	-4.1347e-01	-9.2818e-01	-1.7366e+00
332	2.6749e-03	-5.1750e-03	2.0761e-03	-7.2389e-02	5.1437e-02	-1.1947e+00
	2.6749e-03	-5.6186e-04	-3.7631e-03	-2.2559e-01	-1.3726e-01	-9.3652e-01
	-9.2330e-18	3.1990e-03	-8.0802e-03	4.2732e-02	-5.7960e-01	-1.0619e+00
	-1.0204e-17	-4.7721e-05	-2.0521e-03	-8.2781e-02	-1.3441e-01	-1.2974e+00
331	2.1908e-02	1.9205e-03	-1.0694e-02	8.0596e-02	1.4450e-02	-7.1743e-01
	2.1908e-02	-4.3620e-03	4.2185e-03	-6.0004e-01	-4.4412e-01	-1.6291e-01
	0.0000e+00	-5.2672e-03	8.7582e-03	-2.3231e-02	-1.4084e+00	-5.3023e-01
	0.0000e+00	4.9882e-04	-4.6074e-03	-3.0076e-02	-2.5583e-01	-1.0586e+00
330	2.5361e-03	-5.2530e-03	8.4159e-03	-1.1791e+00	-8.8337e-02	1.9874e-01
	2.5361e-03	8.1918e-04	-3.1152e-03	4.0748e-02	-1.1807e-01	7.4280e-01
	0.0000e+00	-2.1886e-04	1.9044e-03	7.8322e-02	-6.9733e-01	9.7426e-01
	0.0000e+00	-7.6711e-03	1.3615e-02	-3.8963e-01	-1.1290e+00	3.1806e-01
329	-2.7042e-02	1.0762e-03	-2.7535e-03	-2.7802e-01	1.7144e-02	1.1443e+00
	-2.7042e-02	-3.6529e-03	1.0509e-02	-2.9291e-01	-3.8788e-01	1.5193e+00
	0.0000e+00	-3.1889e-03	1.7611e-02	-1.2002e-01	-1.1477e+00	1.2885e+00
	0.0000e+00	-3.3240e-04	2.4387e-03	-1.3074e-02	-5.8432e-01	8.6220e-01
328	-9.9554e-02	-3.6215e-03	9.6890e-03	-2.4232e+00	-2.2156e-01	1.3845e+00
	-9.9554e-02	4.2547e-04	3.9013e-03	3.8976e+00	-1.2538e-01	4.2407e-01
	0.0000e+00	1.0371e-03	1.6858e-02	8.4421e-01	3.2286e+00	1.4859e+00
	0.0000e+00	-2.8060e-03	2.3082e-02	-5.2273e-01	-7.7775e-01	2.4935e+00
327	-1.6982e-01	3.4844e-04	1.5117e-03	-8.6652e-02	4.9943e-01	-5.9082e-01
	-1.6982e-01	5.3194e-03	3.6301e-03	4.3397e+00	2.5661e-01	-3.8804e+00
	0.0000e+00	5.7546e-03	1.7552e-02	8.9692e-01	7.0118e+00	-3.1566e+00
	0.0000e+00	1.0013e-03	1.6176e-02	-1.5213e-01	4.1282e+00	1.3718e-01
326	-2.1075e-01	5.3972e-03	5.4941e-03	4.2550e+00	1.4400e+00	-6.2106e+00
	-2.1075e-01	4.8055e-03	-4.4468e-03	-2.3592e-01	2.2131e+00	-9.5576e+00
	0.0000e+00	4.8404e-03	-1.5303e-03	3.0422e-01	1.0571e+01	-8.6908e+00
	0.0000e+00	5.4670e-03	9.3327e-03	2.5983e-01	8.1915e+00	-5.3784e+00

325	-1.8099e-01	4.6903e-03	-1.0898e-02	2.0724e+01	4.3395e+00	-9.7540e+00
	-1.8099e-01	-1.3417e-02	-1.1273e-02	-2.9810e+01	-9.9594e+00	-3.6487e+00
	0.0000e+00	-1.3417e-02	-9.4293e-03	-4.6313e+00	1.1756e+01	-7.1006e+00
	0.0000e+00	4.7226e-03	-8.2624e-03	2.0730e+00	1.0677e+01	-1.3218e+01
324	0.0000e+00	8.9645e-03	-2.8663e-02	5.6652e-02	-6.8095e-01	-4.0814e+00
	0.0000e+00	-1.4753e-02	7.6947e-03	-8.1795e-02	1.9893e+00	-4.1576e+00
	-4.1198e-02	-1.9536e-03	-5.2070e-03	-5.0288e-02	7.7830e-01	-2.6036e+00
323	-1.6781e-02	-1.1543e-01	1.8790e-02	1.5188e+01	2.3113e+01	-9.0117e+00
	-9.1476e-03	-4.2693e-03	-1.0912e-02	-1.0851e+01	-1.9242e-01	-1.2140e+01
	-1.6932e-05	5.6521e-03	1.3143e-02	-2.0519e+00	-1.0144e+01	-1.7396e+01
	7.6166e-03	-1.1578e-01	2.0587e-02	1.5011e+00	-2.7586e+01	-1.0273e+01
322	0.0000e+00	-1.6792e-03	-4.6412e-03	-3.4788e-01	-3.5503e+00	1.1559e+01
	0.0000e+00	-1.5508e-02	-1.2660e-02	-1.1960e+00	-3.4348e+00	1.0175e+01
	-1.1080e-01	1.1964e-02	1.9010e-02	-4.2133e+00	-4.8267e+00	1.1150e+01
	-1.1080e-01	1.2057e-02	3.2076e-03	-4.1366e-01	-7.8156e+00	1.1564e+01
321	4.6061e-17	-1.7567e-02	-1.1463e-02	3.5821e-01	-3.0466e+00	7.4733e+00
	5.0139e-17	-2.8572e-02	-1.0333e-02	-1.6303e+00	-5.8978e+00	7.1365e+00
	-8.7943e-02	1.8970e-02	2.3026e-02	-2.1133e+00	-4.2553e+00	5.0595e+00
	-8.7943e-02	1.6317e-02	6.6521e-03	-1.5110e+00	-2.7543e+00	6.1710e+00
320	0.0000e+00	5.8311e-03	2.1639e-02	-1.0170e+00	-2.0932e+00	9.3940e-01
	0.0000e+00	-9.4393e-04	6.8328e-03	1.2315e-01	-1.5881e+00	-6.6909e-01
	-5.3406e-02	-9.4393e-04	5.3965e-04	-2.1466e-02	-1.1571e-01	8.9360e-02
	-5.3406e-02	1.4679e-03	6.0886e-03	-2.9769e+00	-9.2323e-01	1.2637e+00
319	0.0000e+00	-9.4393e-04	6.5339e-03	3.6960e-03	-1.4541e+00	-4.3753e-01
	0.0000e+00	-4.4034e-03	6.4372e-03	-7.5519e-01	-1.6059e+00	-1.8760e+00
	-1.6001e-02	-2.3948e-05	3.0666e-03	-1.9869e+00	-9.2631e-02	-1.8925e+00
	-1.6001e-02	-9.4393e-04	3.3647e-04	-5.0144e-01	4.3827e-02	-8.5780e-01
318	0.0000e+00	-2.6310e-03	3.9290e-03	2.1766e-01	-2.4975e+00	-3.1388e+00
	0.0000e+00	-6.2132e-03	9.4214e-03	-9.0320e-01	-1.3725e+00	-4.3087e+00
	9.7409e-03	-2.3715e-03	3.2615e-03	-2.1601e+00	-1.6788e+00	-4.4076e+00

	9.7409e-03	-7.1014e-04	-5.1004e-04	-6.7545e-01	-1.3272e+00	-3.2624e+00
317	0.0000e+00	-1.7788e-03	6.2839e-03	2.2501e-01	-1.9792e+00	-6.2672e+00
	0.0000e+00	-4.7323e-03	7.9749e-03	-2.0238e-01	-2.3497e+00	-6.1584e+00
	2.9237e-02	-7.5247e-03	-6.2037e-03	-6.5147e-02	-2.2570e+00	-7.0166e+00
	2.9237e-02	-3.6404e-03	-2.7295e-03	-1.9043e-01	-8.3044e-01	-6.5872e+00
316	0.0000e+00	-1.2885e-02	-1.8591e-02	-2.3539e-01	-3.9897e+00	-6.8244e+00
	0.0000e+00	-3.8292e-02	-1.6604e-02	3.8003e-01	-2.2177e+01	-6.9155e+00
	1.1176e-02	-3.8292e-02	-1.3855e-03	6.6755e+00	1.2865e+01	-8.2231e+00
	1.1176e-02	-1.0139e-04	-1.0250e-03	-8.4758e+00	-1.2763e+00	-8.8126e+00
315	0.0000e+00	-1.3360e-02	-1.6636e-02	1.5271e-01	-1.9273e+00	2.3944e+00
	0.0000e+00	5.3212e-03	2.0903e-02	7.1688e-02	-3.7003e+00	2.9521e+00
	-4.8334e-02	1.1520e-03	6.5121e-03	4.4879e-01	-1.9545e-01	1.6862e+00
314	1.5257e-17	4.9080e-04	5.5112e-03	7.1222e-02	-2.2544e+00	-6.6988e+00
	1.3105e-17	-5.3608e-03	-9.6330e-03	3.1592e-02	-3.7296e+00	-6.4578e+00
	2.0465e-02	-3.7002e-03	-3.3584e-03	2.0563e-01	-1.5085e+00	-7.5229e+00
313	-1.7414e-02	-1.1808e-01	2.5830e-02	-1.2508e+01	-2.1358e+01	7.6656e+00
	-8.6632e-03	-2.5822e-03	-6.9365e-03	1.0337e+01	-1.7377e-01	1.0312e+01
	-2.3720e-05	6.6853e-03	1.5545e-02	2.8472e+00	9.0124e+00	1.4998e+01
	8.7267e-03	-1.1949e-01	2.5359e-02	-8.1609e-01	2.5172e+01	8.4860e+00
312	0.0000e+00	-1.4688e-03	-6.0958e-03	2.7568e-01	3.8067e+00	-9.1943e+00
	0.0000e+00	-1.6530e-02	-1.2610e-02	1.2750e+00	3.5537e+00	-7.6328e+00
	-1.2361e-01	1.4047e-02	2.2767e-02	3.6774e+00	4.2364e+00	-8.6826e+00
	-1.2361e-01	1.3820e-02	2.7036e-03	8.4893e-01	7.6201e+00	-9.3142e+00
311	6.1173e-17	-1.9961e-02	-1.0615e-02	-1.7984e-01	2.7068e+00	-4.5635e+00
	6.6229e-17	-3.6132e-02	-6.9053e-03	5.6550e-01	1.4359e+00	-4.2657e+00
	-8.9149e-02	1.7743e-02	2.4557e-02	1.0095e+00	1.9578e+00	-4.2635e+00
	-8.9149e-02	1.8436e-02	5.3951e-03	6.2909e-01	2.5578e+00	-5.0269e+00
310	0.0000e+00	5.1871e-03	2.2032e-02	9.9578e-02	6.1362e-01	-3.0809e+00
	0.0000e+00	-1.2312e-03	1.7120e-03	5.4902e-01	3.8357e+00	-1.0211e+00
	-5.7637e-02	-1.2312e-03	-5.3852e-03	2.5338e+00	-6.0053e-01	-5.5139e-01

	-5.7637e-02	2.6630e-04	4.9447e-03	3.7886e-02	1.3113e-01	-2.2696e+00
309	0.0000e+00	-1.2312e-03	1.4147e-03	-2.0173e-01	4.3789e+00	-4.3762e-01
	0.0000e+00	5.2338e-04	5.5982e-03	2.4556e+00	5.8339e+00	3.6037e+00
	-4.4106e-02	6.4700e-03	4.9751e-03	6.7021e+00	1.5323e+00	3.9852e+00
	-4.4106e-02	-1.2312e-03	-7.0003e-03	6.6639e-01	1.0662e+00	1.1285e+00
308	0.0000e+00	-2.5563e-03	9.9562e-03	2.4285e-01	6.8430e+00	9.0477e+00
	0.0000e+00	-2.0533e-02	1.2545e-02	-1.3980e+00	-3.1760e+00	1.0242e+01
	-1.1642e-02	-3.5206e-03	4.6217e-03	-3.5027e+00	-4.9168e-01	7.4235e+00
	-1.1642e-02	5.9498e-03	-2.4032e-05	1.8039e+00	1.6390e+00	5.4632e+00
307	0.0000e+00	-6.1865e-03	2.3946e-03	-3.4471e-01	2.5890e-01	6.4646e+00
	0.0000e+00	-1.6507e-04	2.7615e-03	2.0600e-01	1.8416e+00	5.8810e+00
	1.0298e-02	-1.7488e-03	-1.9496e-03	8.8787e-02	8.4166e-01	7.2831e+00
	1.0298e-02	-7.2424e-03	-4.9717e-04	-1.9035e-01	-1.9115e+00	7.2593e+00
306	0.0000e+00	-1.3863e-02	-1.4668e-02	-1.8744e-01	2.7714e+00	5.9741e+00
	0.0000e+00	-3.4064e-02	-1.5070e-02	6.3469e-03	1.8854e+01	6.4010e+00
	8.4840e-03	-3.4064e-02	3.7894e-03	-4.0591e+00	-1.0600e+01	7.9297e+00
	8.4840e-03	1.9786e-03	5.9727e-03	5.4219e+00	7.3645e-01	8.0315e+00
305	0.0000e+00	-1.5053e-02	-1.5640e-02	-1.3998e-01	7.6810e-01	-2.6566e+00
	0.0000e+00	4.3646e-03	2.0846e-02	-7.2597e-02	2.0480e+00	-3.1808e+00
	-4.6977e-02	3.1053e-05	6.4531e-03	-4.2516e-01	-7.1843e-01	-2.2398e+00
304	1.4401e-17	1.5866e-03	1.9353e-03	-1.5031e-02	1.1836e+00	6.4614e+00
	1.3616e-17	-4.5565e-03	-3.5889e-03	9.7549e-03	2.5883e+00	6.4418e+00
	7.4651e-03	-2.8132e-03	5.4161e-05	-1.0552e-02	9.0882e-01	7.3965e+00
303	-3.9485e-02	5.4204e-03	-3.1806e-02	-7.1472e+00	1.4673e+00	-4.7268e+00
	-4.2378e-02	-1.7814e-01	-5.7086e-02	-1.3355e+00	7.5311e+00	-3.4708e+00
	1.2169e-02	-1.8369e-01	-2.5088e-02	-1.9866e+00	-3.1294e+00	-1.5141e+00
	9.2749e-03	2.2857e-03	-1.4464e-02	-1.7701e+00	7.0252e-01	-2.3264e+00
302	-2.3183e-01	9.6584e-03	-1.0958e-02	5.9673e-01	-3.0317e-01	1.6892e+00
	-2.3183e-01	5.1965e-03	-2.5373e-02	6.8798e-01	-1.5232e-01	9.2528e-01
	0.0000e+00	2.9328e-03	8.7537e-03	3.8511e-01	5.7504e-01	1.1211e+00

	0.0000e+00	8.5266e-03	4.3616e-03	-5.6191e-02	2.4930e-01	1.9644e+00
301	-1.6534e-01	8.2513e-03	-9.8783e-03	3.3742e-01	5.3881e-01	4.6184e-01
	-1.6534e-01	2.1686e-03	-2.8030e-02	8.2547e-01	3.2188e-01	-1.3357e-01
	0.0000e+00	-1.5201e-02	-5.6315e-03	3.5964e-01	7.0529e-01	-2.2139e-01
	0.0000e+00	-3.3282e-03	-8.9354e-04	-8.2055e-02	1.2218e+00	4.1717e-01
300	-8.1023e-02	1.6824e-03	-8.0077e-03	3.0751e-01	4.0948e-01	-5.0743e-01
	-8.1023e-02	-9.2181e-04	-1.9389e-02	-5.3786e-01	-1.6885e-01	-8.0706e-01
	0.0000e+00	-2.2904e-02	-1.0032e-02	-1.4927e-01	-3.3622e-01	-1.2000e+00
	0.0000e+00	-1.4804e-02	-5.2242e-03	-1.7850e-02	9.9072e-01	-1.0280e+00
299	-3.8630e-02	-2.8877e-04	-5.1446e-03	2.7225e-01	1.8818e-01	-1.0913e+00
	-3.8630e-02	8.3252e-03	-2.3235e-03	7.8125e-01	4.9657e-01	-1.3273e+00
	1.2333e-17	-1.1115e-02	1.3643e-03	4.5243e-01	9.2403e-01	-9.7132e-01
	1.5874e-17	-1.5841e-02	-4.5907e-03	-1.0854e-01	2.4475e-01	-7.0031e-01
298	-2.5227e-02	2.3989e-03	-5.3919e-04	-3.9578e-02	4.6089e-01	-1.4640e+00
	-2.5227e-02	1.6083e-03	-9.0132e-03	-8.3989e-01	-8.1503e-01	-1.4492e+00
	2.5044e-18	-7.1140e-03	-1.5777e-03	-3.2430e-01	-9.3292e-01	-2.1675e+00
	3.4901e-19	-5.0299e-03	5.1147e-03	3.5317e-02	4.1594e-01	-2.2017e+00
297	-3.4176e-03	-2.9757e-03	-1.2442e-03	-7.3175e-01	-7.2018e-01	-3.3048e-01
	-3.4176e-03	-3.7445e-04	7.2308e-04	-3.5111e-01	-8.1190e-01	-4.0210e-02
	0.0000e+00	9.0208e-03	-7.4223e-03	5.8868e-02	-5.2353e-01	2.3739e-01
	0.0000e+00	8.3966e-03	-9.6309e-03	-4.2897e-01	-1.0044e+00	-1.2746e-01
296	2.9716e-02	1.3803e-03	-1.1704e-02	-9.4822e-01	-2.9536e-01	7.0042e-01
	2.9716e-02	-6.4636e-03	7.2185e-04	9.3655e-02	2.3830e-01	6.8255e-01
	-5.6216e-19	-7.6933e-04	3.2246e-03	5.5942e-02	4.3678e-01	1.1995e+00
	1.1009e-18	8.5922e-03	-7.1030e-03	-3.7034e-01	-6.3748e-01	1.0972e+00
295	3.6544e-02	-8.0671e-03	4.2497e-04	1.0584e+00	4.2296e-01	5.5342e-01
	3.6544e-02	-2.1182e-03	-1.1232e-03	-2.1115e-01	1.2056e-01	5.2149e-01
	5.2572e-18	-1.2797e-03	4.9017e-03	-5.6038e-02	-1.9169e-01	1.1045e-01
	4.5922e-18	-6.9240e-03	9.0309e-03	3.6338e-01	6.7494e-01	2.6568e-01
294	1.2493e-02	-2.0620e-04	1.0927e-03	5.2609e-03	-1.1657e-01	3.9625e-01

	1.2493e-02	-1.0409e-03	2.4071e-03	-2.6470e-01	-3.5771e-01	6.4609e-01
	0.0000e+00	-2.4130e-03	6.7252e-03	-1.3236e-02	-7.1020e-01	4.8977e-01
	0.0000e+00	-2.3615e-03	6.2930e-03	-2.3933e-02	-2.4130e-01	2.4467e-01
293	-1.5368e-02	-1.3173e-03	6.4133e-03	-1.0772e+00	-1.4118e-01	8.5973e-01
	-1.5368e-02	-4.2832e-05	-8.0573e-04	7.1329e-01	-1.2440e-01	7.9053e-01
	0.0000e+00	-7.3049e-04	1.6139e-03	1.4386e-01	5.3617e-01	1.1719e+00
	0.0000e+00	-2.9191e-03	7.7476e-03	-3.0970e-01	-6.3848e-01	1.1568e+00
292	-4.8884e-02	-2.8026e-04	2.0922e-03	-1.6808e-01	1.1584e-01	6.9927e-01
	-4.8884e-02	-4.7768e-03	1.4750e-02	1.0857e+00	1.9275e-01	5.6800e-02
	0.0000e+00	-4.5832e-03	1.8370e-02	2.5758e-01	1.6654e+00	3.1185e-01
	0.0000e+00	-8.6772e-04	2.2597e-03	-5.1515e-02	6.7949e-01	1.0239e+00
291	-1.4235e-01	-4.8016e-03	1.2760e-02	1.3803e+00	1.9166e-01	-1.7939e-01
	-1.4235e-01	2.0132e-04	8.2451e-03	-9.4793e-01	-3.2476e-02	-6.0244e-01
	0.0000e+00	7.7421e-04	2.1026e-02	-2.3072e-01	-1.5942e-01	-1.0906e+00
	0.0000e+00	-4.0377e-03	2.6163e-02	2.7780e-01	1.5573e+00	-6.9093e-01
290	-2.3728e-01	1.1774e-04	5.4069e-03	8.0335e-02	-2.0669e-01	-6.2364e-01
	-2.3728e-01	7.3412e-03	6.1376e-03	-3.1237e-01	-1.4730e-01	-4.4430e-01
	0.0000e+00	7.7746e-03	2.0597e-02	-6.8664e-02	-7.4473e-01	-5.2091e-01
	0.0000e+00	7.6786e-04	2.0905e-02	3.0828e-02	-3.9620e-01	-7.0188e-01
289	-2.9958e-01	7.4856e-03	9.7182e-03	-1.0868e+00	-3.5535e-01	-2.1218e-01
	-2.9958e-01	9.0498e-03	2.4186e-03	1.4587e+00	-4.2060e-01	-4.4435e-01
	0.0000e+00	8.9864e-03	1.0320e-04	1.8775e-01	-9.1922e-01	-4.7272e-01
	0.0000e+00	7.3587e-03	8.7135e-03	-8.0908e-02	-8.8423e-01	-2.3531e-01
288	-2.2416e-01	8.6686e-03	-1.9036e-02	-5.1208e+00	-2.0152e+00	-1.1714e-01
	-2.2416e-01	-3.8292e-02	-5.0735e-02	9.8365e+00	-1.1620e-01	-3.4811e+00
	0.0000e+00	-3.8292e-02	-4.1766e-02	1.1257e+00	-6.8418e+00	-4.2576e+00
	0.0000e+00	8.8255e-03	-9.0870e-03	3.5643e-02	-1.9489e+00	-9.0052e-01
287	0.0000e+00	5.7261e-03	-7.9876e-03	1.7012e-02	-8.7945e-01	-1.2469e+00
	0.0000e+00	-7.6984e-03	-1.8845e-03	-1.6540e-02	-2.2857e-01	-1.2480e+00
	-6.9157e-03	-4.5371e-04	-1.3751e-03	9.4391e-04	-4.8966e-01	-8.7864e-01

262	0.0000e+00	0.0000e+00	0.0000e+00	-1.4470e+01	-5.2033e-01	2.2446e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3836e+01	1.0292e+01	-7.3297e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0710e+01	3.1289e+00	4.4378e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2603e+01	9.7973e-01	7.3148e+00
261	0.0000e+00	0.0000e+00	0.0000e+00	-1.4052e+01	1.2932e+01	9.6878e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4028e+01	1.0163e+01	-1.0297e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3814e+01	5.8416e+00	-9.3628e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7554e+01	2.9580e+00	1.1299e+00
260	0.0000e+00	0.0000e+00	0.0000e+00	-1.3068e+01	8.5268e+00	-9.8517e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.9981e+00	6.3107e+00	-1.4624e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0093e+01	5.1120e+00	-2.9931e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1901e+01	6.8231e+00	-2.4850e+00
259	0.0000e+00	0.0000e+00	0.0000e+00	-9.3516e+00	4.9027e+00	-1.5876e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.6745e+00	2.8718e+00	-2.3888e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.6993e+00	1.4441e+00	-4.4995e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.6236e+00	4.8628e+00	-3.6727e+00
258	0.0000e+00	0.0000e+00	0.0000e+00	5.1744e+00	-7.2760e+00	4.4783e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.8206e+00	-8.6693e+00	3.1069e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.7510e+00	-9.1631e+00	2.0631e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.7620e+00	-8.9684e+00	3.3525e+00
257	0.0000e+00	0.0000e+00	0.0000e+00	4.8358e+00	-8.8455e+00	1.2503e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.1668e-01	-6.9797e+00	3.6383e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.1415e-01	-1.0109e+01	9.8101e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.2514e+00	-9.3076e+00	1.9424e+00
256	0.0000e+00	0.0000e+00	0.0000e+00	-1.0689e+00	-7.4098e+00	1.1203e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2880e+00	-7.7508e+00	1.6487e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5715e+00	-1.0392e+01	1.1457e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.4381e-01	-9.9336e+00	6.0831e-01
255	0.0000e+00	0.0000e+00	0.0000e+00	-1.9521e+00	-7.8423e+00	2.1899e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0542e+00	-9.8639e+00	1.4515e+00

	0.0000e+00	0.0000e+00	0.0000e+00	-3.0171e+00	-1.1082e+01	1.5025e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8689e+00	-1.1070e+01	8.6994e-01
254	0.0000e+00	0.0000e+00	0.0000e+00	-8.8431e-01	-1.0010e+01	-3.3188e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.6821e+00	-9.1368e+00	-1.5782e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.2722e+00	-1.1658e+01	-1.1106e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4661e+00	-1.1505e+01	1.2711e-01
253	0.0000e+00	0.0000e+00	0.0000e+00	-6.7049e+00	-9.5565e+00	-1.8839e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.8088e+00	-8.5283e+00	-1.5724e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.3765e+00	-1.1116e+01	-8.2528e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.2625e+00	-1.1244e+01	-1.1599e+00
252	0.0000e+00	0.0000e+00	0.0000e+00	-8.5166e+00	-8.0073e+00	-1.2466e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.7687e+00	-8.5853e+00	-2.6210e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0743e+01	-1.0807e+01	-2.4901e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.1246e+00	-1.1573e+01	-1.0423e+00
251	0.0000e+00	0.0000e+00	0.0000e+00	-7.7903e+00	-8.5757e+00	-5.1881e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4742e+01	-6.0135e+00	-6.4995e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4698e+01	-8.8660e+00	-3.6978e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0780e+01	-1.0391e+01	-2.5121e+00
250	0.0000e+00	0.0000e+00	0.0000e+00	-1.9970e+01	-6.3426e+00	-6.1446e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9872e+01	-2.8808e+00	-4.4705e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9840e+01	-7.7084e+00	-2.3796e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5544e+01	-7.4955e+00	-4.0633e+00
249	0.0000e+00	0.0000e+00	0.0000e+00	-5.6090e+00	-1.8074e+01	1.2186e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0125e+01	-1.6486e+01	-2.1723e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1478e+01	-1.2803e+01	-3.0116e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.5691e+00	-1.6161e+01	3.0015e+00
248	0.0000e+00	0.0000e+00	0.0000e+00	-1.0720e+01	-1.4243e+01	-4.0540e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0818e+01	-9.6280e+00	-9.9013e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6735e+01	-1.1616e+01	-7.4680e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3750e+01	-1.3783e+01	-1.7902e+00

247	0.0000e+00	0.0000e+00	0.0000e+00	-1.1472e+01	-1.0274e+01	-1.2559e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.1395e+00	-3.5730e+00	-1.6230e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3123e+01	-7.7746e+00	-1.3412e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1422e+01	-8.7621e+00	-9.4996e+00
246	0.0000e+00	0.0000e+00	0.0000e+00	-8.8451e+00	-1.2799e+01	1.2282e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.8869e+00	-1.7720e+01	9.9634e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.2882e+00	-1.1114e+01	6.6262e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2163e+01	-1.0528e+01	9.7180e+00
245	0.0000e+00	0.0000e+00	0.0000e+00	-1.3703e+01	-9.2867e+00	-3.9770e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9911e+01	-7.0217e+00	-8.7491e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2158e+01	-3.7479e+00	-5.3740e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9451e+01	-7.6907e+00	-1.1389e+00
244	0.0000e+00	0.0000e+00	0.0000e+00	-5.3816e+00	-2.3946e+01	3.3380e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5804e+00	-2.5135e+01	1.8811e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.2795e+00	-2.0776e+01	5.1287e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.9568e+00	-1.9542e+01	1.9748e+00
243	0.0000e+00	0.0000e+00	0.0000e+00	-4.0687e+00	-2.4846e+01	1.7585e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.0362e-01	-2.5571e+01	1.1058e-03
	0.0000e+00	0.0000e+00	0.0000e+00	-2.9496e+00	-1.8857e+01	4.2925e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.1166e+00	-2.0373e+01	2.3665e+00
242	0.0000e+00	0.0000e+00	0.0000e+00	-1.8381e+01	-2.1295e+00	2.1749e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5938e+01	-1.9588e+00	4.6720e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5846e+01	1.8308e-01	1.8798e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0971e+01	-2.3807e+00	3.4353e+00
241	0.0000e+00	0.0000e+00	0.0000e+00	-1.3017e+00	-2.6239e+01	-2.7688e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0282e+00	-2.5761e+01	-3.7475e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1076e+00	-2.0249e+01	-3.1739e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3867e+00	-2.0788e+01	-2.1907e+00
240	0.0000e+00	0.0000e+00	0.0000e+00	1.8767e-01	-2.5284e+01	-3.5435e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.4698e+00	-2.4874e+01	-5.4174e+00

	0.0000e+00	0.0000e+00	0.0000e+00	-5.4640e-01	-1.5285e+01	-2.7459e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.6060e-01	-1.9598e+01	-9.4521e-01
239	0.0000e+00	0.0000e+00	0.0000e+00	-1.3019e+01	1.3875e+00	5.0757e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4355e+01	2.3885e+00	5.9593e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2332e+01	1.9121e+00	6.5257e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2372e+01	1.4157e+00	5.7784e+00
238	0.0000e+00	0.0000e+00	0.0000e+00	-1.1613e+01	-2.5511e+01	1.6582e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.1278e+00	-2.5764e+01	6.6272e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.8107e+00	-1.9584e+01	-4.7401e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2239e+01	-1.8453e+01	7.9854e-01
237	0.0000e+00	0.0000e+00	0.0000e+00	-1.0174e+01	-1.7923e+01	7.5732e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1499e+01	-2.3609e+01	5.6359e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2976e+01	-1.7549e+01	3.9088e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3415e+01	-1.5003e+01	1.9570e+00
236	0.0000e+00	0.0000e+00	0.0000e+00	-3.6353e+00	-2.7501e+01	2.0305e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.7749e+00	-2.9990e+01	1.1766e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.2058e+00	-2.0924e+01	-4.9276e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.3577e+00	-2.0741e+01	3.5434e-01
235	0.0000e+00	0.0000e+00	0.0000e+00	-4.3992e+00	-2.9672e+01	-2.9439e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-9.6523e-01	-2.7302e+01	-3.7346e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2994e+00	-2.0089e+01	-1.9566e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.7638e+00	-2.0547e+01	-1.1458e+00
234	0.0000e+00	0.0000e+00	0.0000e+00	3.3657e-01	-2.5999e+01	-6.9713e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9807e+00	-2.6187e+01	-5.7107e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.3454e-01	-1.6887e+01	7.8785e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.5159e-01	-1.8180e+01	9.2452e-02
233	0.0000e+00	0.0000e+00	0.0000e+00	-1.5787e+00	-2.4527e+01	-4.9396e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.9379e+00	-1.9217e+01	-4.5928e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.4796e+00	-1.4956e+01	-4.2605e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2271e-01	-1.5745e+01	-7.6144e-01

232	0.0000e+00	0.0000e+00	0.0000e+00	1.8890e+00	-1.0928e+01	1.5395e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.8056e-02	-1.0350e+01	6.5797e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.0829e-01	-1.5753e+01	-3.7532e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0248e-01	-1.3599e+01	5.1939e-01
231	0.0000e+00	0.0000e+00	0.0000e+00	4.2839e+00	-9.9673e+00	2.4818e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.1247e+00	-1.0861e+01	1.7843e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.2540e+00	-1.3017e+01	1.1255e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.2705e+00	-1.2927e+01	1.8026e+00
230	0.0000e+00	0.0000e+00	0.0000e+00	-3.5366e-01	-1.0903e+01	4.1354e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7591e+00	-1.1333e+01	5.0989e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3693e+00	-1.7042e+01	-3.7553e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.1508e-01	-1.6095e+01	-4.6916e-01
229	0.0000e+00	0.0000e+00	0.0000e+00	-2.3658e+00	-1.1580e+01	2.1591e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4170e+00	-1.2701e+01	-3.5319e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.8014e+00	-1.7075e+01	-5.1102e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6429e+00	-1.7452e+01	-2.7341e-01
228	0.0000e+00	0.0000e+00	0.0000e+00	-4.0438e+00	-1.2978e+01	-5.7613e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.7931e+00	-1.2340e+01	-7.8155e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.0651e+00	-1.7972e+01	-8.0207e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.2366e+00	-1.7285e+01	-6.1364e-01
227	0.0000e+00	0.0000e+00	0.0000e+00	-6.2751e+00	-1.2574e+01	-1.2002e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.4139e+00	-1.2265e+01	-8.6029e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.0686e+00	-1.7152e+01	-1.9554e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.7176e+00	-1.7883e+01	-5.3407e-01
226	0.0000e+00	0.0000e+00	0.0000e+00	-8.9150e+00	-1.2028e+01	-1.2836e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1307e+01	-1.2153e+01	-1.6568e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2082e+01	-1.4661e+01	-2.0084e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.1157e+00	-1.7042e+01	1.9533e-01
225	0.0000e+00	0.0000e+00	0.0000e+00	-1.1351e+01	-1.2131e+01	-2.5861e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5073e+01	-9.9574e+00	-2.6902e+00

	0.0000e+00	0.0000e+00	0.0000e+00	-1.5027e+01	-1.2703e+01	-3.1723e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1275e+01	-1.4074e+01	-3.0313e-01
224	0.0000e+00	0.0000e+00	0.0000e+00	-7.0998e+00	-2.6255e+01	1.2039e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.3231e+00	-2.7256e+01	6.1181e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.0216e+00	-2.0407e+01	-4.9566e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.9340e+00	-1.9691e+01	1.3256e-01
223	0.0000e+00	0.0000e+00	0.0000e+00	-1.4326e+00	-2.7176e+01	-2.0415e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.6980e-01	-2.6340e+01	-2.1764e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.6283e-01	-1.8643e+01	-1.1073e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7171e+00	-1.9508e+01	-9.4813e-01
222	0.0000e+00	0.0000e+00	0.0000e+00	-1.2490e+00	-2.0604e+00	-2.2765e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.2169e+00	3.8518e-01	3.3585e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.6216e+00	5.2067e+00	4.1934e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.1873e+00	5.5140e+00	-1.9724e+00
221	0.0000e+00	0.0000e+00	0.0000e+00	-3.1881e+00	4.9772e+00	2.9413e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5770e-01	3.2100e+00	6.7860e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.8967e-01	2.8084e+00	9.7837e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.4283e+00	1.0060e+00	3.1828e+00
220	0.0000e+00	0.0000e+00	0.0000e+00	-1.4058e-01	2.5677e+00	5.8407e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1250e+00	2.1143e+00	-6.8710e-03
	0.0000e+00	0.0000e+00	0.0000e+00	3.4830e-02	3.5015e+00	-4.2602e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.8642e-02	4.1828e+00	1.2639e-01
219	0.0000e+00	0.0000e+00	0.0000e+00	1.1730e+00	2.0352e+00	2.9175e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.4470e-01	2.5957e-01	-9.6055e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.7832e-01	8.5378e-01	-2.4607e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.1754e-01	2.8499e+00	-1.2658e+00
218	0.0000e+00	0.0000e+00	0.0000e+00	4.9615e+00	-4.1924e-01	3.0247e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.2672e+00	-3.1465e+00	1.3429e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.3020e+00	-1.4732e+00	-6.0771e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.0800e+00	-1.0295e+00	8.3671e-01

217	0.0000e+00	0.0000e+00	0.0000e+00	6.1281e+00	-3.9641e+00	-3.2869e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.5142e+00	-3.1165e+00	-8.9501e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.0846e+00	-3.9412e+00	-1.7591e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.8507e+00	-1.8663e+00	-1.0661e+00
216	0.0000e+00	0.0000e+00	0.0000e+00	1.5728e+00	-4.3330e+00	3.3504e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.3610e-01	-5.3744e+00	1.5603e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.5289e+00	-7.9810e+00	-1.3189e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.4790e+00	-4.4286e+00	-2.5875e+00
215	0.0000e+00	0.0000e+00	0.0000e+00	4.5114e-01	-6.9391e+00	3.0473e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.2115e+00	-1.0373e+01	1.7153e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.8332e+00	-1.6387e+01	-4.3029e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.9410e+00	-1.0252e+01	-3.9761e+00
214	0.0000e+00	0.0000e+00	0.0000e+00	-3.0542e+00	-1.1311e+01	-1.9447e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1468e+01	-1.3678e+01	-2.4491e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6643e+01	-1.4762e+01	-2.8686e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.0903e+00	-1.6596e+01	-2.9664e+00
213	0.0000e+00	0.0000e+00	0.0000e+00	-1.7670e+01	-1.4956e+01	-6.7608e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.3865e+00	-1.3785e+00	-6.9436e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.5389e+00	-2.2141e+01	7.4674e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.8182e+00	-1.6995e+01	2.0030e-01
212	0.0000e+00	0.0000e+00	0.0000e+00	-6.8415e+00	1.9507e+00	-3.8123e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.9665e+00	-8.2513e+00	-7.1438e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.0202e+00	-9.9926e+00	3.4996e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.2128e+00	-2.1161e+01	2.2573e-01
211	0.0000e+00	0.0000e+00	0.0000e+00	-6.9995e+00	-8.6348e+00	-4.5035e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4980e+01	-4.2639e+00	-4.6022e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2253e+01	-4.0782e+00	9.4415e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0056e+01	-7.6404e+00	6.4140e-01
210	0.0000e+00	0.0000e+00	0.0000e+00	-1.9916e+01	-2.9972e+00	-1.7916e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9257e+01	-2.1313e+00	-7.4070e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-1.7802e+01	5.0499e-01	1.7742e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8479e+01	-2.4386e+00	5.8654e-01
209	0.0000e+00	0.0000e+00	0.0000e+00	2.5733e+00	-2.0958e+01	-1.3784e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.6764e+00	-2.0958e+01	1.4716e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.6173e+00	-1.3320e+01	1.9548e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.9580e+00	-1.4434e+01	-8.9558e-01
208	0.0000e+00	0.0000e+00	0.0000e+00	6.4297e-01	-1.7407e+01	1.3121e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5160e+00	-1.6620e+01	-1.3415e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.5872e+00	-1.9915e+01	-2.0177e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1899e+00	-1.8123e+01	6.9633e-01
207	0.0000e+00	0.0000e+00	0.0000e+00	2.8302e+00	-2.1677e+01	-1.8303e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.2238e-01	-2.5361e+01	3.6330e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.5037e+00	-1.5503e+01	2.8265e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.7807e+00	-1.5909e+01	-3.0573e+00
206	0.0000e+00	0.0000e+00	0.0000e+00	-1.7839e+01	1.0765e+01	-9.5041e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.6762e-02	1.6321e+01	-1.1002e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.3259e+00	2.2372e+01	-2.5968e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5159e+01	6.5849e+00	-2.5300e-01
205	0.0000e+00	0.0000e+00	0.0000e+00	2.6720e+01	-3.9284e+00	1.0158e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7923e+01	-4.2964e+00	2.8769e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.7186e+01	-9.3281e+00	3.0629e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0328e+01	-5.9152e+00	7.9211e+00
204	0.0000e+00	0.0000e+00	0.0000e+00	-9.1757e+00	1.5617e+01	-3.2561e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.6684e+00	1.4513e+01	-4.0451e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.1581e+00	1.2202e+01	-1.7658e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.5832e+00	1.1105e+01	-3.1129e+00
203	0.0000e+00	0.0000e+00	0.0000e+00	-5.5390e+00	1.6168e+01	-2.9918e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.6260e+00	1.7771e+01	-1.9022e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.0855e-01	2.3826e+01	2.7315e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4532e+00	1.3448e+01	1.4723e+00

202	0.0000e+00	0.0000e+00	0.0000e+00	2.1131e+01	-2.3984e+00	2.2135e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.9671e+01	1.2309e+00	-3.0491e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.5848e+01	-3.9777e+00	-2.0466e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.3475e+01	1.3130e+00	1.2116e+00
201	0.0000e+00	0.0000e+00	0.0000e+00	-1.8175e+00	1.4637e+01	9.8932e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1536e+00	1.4378e+01	2.6934e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.7935e+00	1.2375e+01	2.2341e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7240e+00	1.3154e+01	5.3395e-01
200	0.0000e+00	0.0000e+00	0.0000e+00	-1.1840e+00	1.6677e+01	-8.8821e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.0564e+00	1.8143e+01	-1.5603e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.2743e+00	2.3963e+01	2.9214e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.2126e+00	1.3417e+01	3.8044e+00
199	0.0000e+00	0.0000e+00	0.0000e+00	2.0063e+01	8.2377e+00	4.9296e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.7881e+01	1.0652e+01	-4.8712e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.1371e+01	1.1108e+00	-2.3695e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.8446e+00	5.5894e+00	4.3405e+00
198	0.0000e+00	0.0000e+00	0.0000e+00	-1.0329e+01	-5.9969e+00	-4.6340e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8783e+00	9.4967e-01	-4.3875e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0487e+00	-5.8326e-01	-3.9969e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.6260e+00	-2.2195e+00	9.6224e-01
197	0.0000e+00	0.0000e+00	0.0000e+00	2.9185e+01	1.0648e+01	7.5521e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.3279e+00	6.0382e+00	2.4447e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.2513e+01	-2.9484e+00	1.3666e+00
196	0.0000e+00	0.0000e+00	0.0000e+00	1.1950e+00	4.5570e+00	2.1214e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2874e+00	-9.1109e-01	1.1158e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8499e+00	6.7129e+00	1.8588e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4336e+00	2.6970e+00	1.2257e+00
195	0.0000e+00	0.0000e+00	0.0000e+00	-5.6045e+00	-1.3430e+00	1.1414e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.7663e-01	6.3452e-01	-6.7100e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.2907e-01	2.9793e+00	-1.4820e+00

	0.0000e+00	0.0000e+00	0.0000e+00	-5.5052e+00	5.8066e+00	7.2012e-01
194	0.0000e+00	0.0000e+00	0.0000e+00	4.5308e+00	-4.3136e+00	2.1065e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8177e+00	-7.5141e+00	1.5045e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.0087e-02	-4.1769e+00	-1.7427e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.5952e+00	-1.9815e+00	-1.5445e+00
193	0.0000e+00	0.0000e+00	0.0000e+00	-3.1125e-01	-6.8085e+00	-2.8768e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.7029e+00	-5.2275e+00	-4.9536e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.8188e+00	-1.6178e+00	-2.3508e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.6740e-01	-4.0743e+00	-1.0269e+00
192	0.0000e+00	0.0000e+00	0.0000e+00	2.5829e+00	-1.8639e+00	-1.6487e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.4045e+00	-2.1858e-01	-2.7475e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.9178e-01	-1.3985e+00	-3.4567e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.6487e+00	1.3028e+00	-2.3165e+00
191	0.0000e+00	0.0000e+00	0.0000e+00	2.8559e+00	2.7494e-01	4.6007e-02
	0.0000e+00	0.0000e+00	0.0000e+00	3.9786e+00	-1.3795e+00	-1.2952e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.0784e+00	1.5486e+00	-1.1364e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.7975e+00	-3.4134e-01	-4.5192e-02
190	0.0000e+00	0.0000e+00	0.0000e+00	1.7529e+00	-4.9134e-01	-2.9951e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.8827e+00	-1.4513e+00	-4.0197e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.1324e-01	2.1914e-02	-3.8193e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.8722e+00	-1.1995e+00	-2.9412e+00
189	0.0000e+00	0.0000e+00	0.0000e+00	-3.4612e+00	-3.0146e-01	-5.4992e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2519e+00	2.2689e+00	-6.9120e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.3695e+00	5.9005e+00	-2.8229e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3187e+00	1.5779e+00	-1.6891e+00
188	0.0000e+00	0.0000e+00	0.0000e+00	-8.5261e+00	1.9116e+00	-5.5833e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2479e+01	1.7814e+01	-9.5998e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4071e+00	1.5328e+01	9.8956e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.4348e+00	1.1201e+01	5.8771e-01
187	0.0000e+00	0.0000e+00	0.0000e+00	-4.7968e+00	2.8124e+01	3.4104e+00

	0.0000e+00	0.0000e+00	0.0000e+00	-1.2042e+01	1.6382e+01	5.0511e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.8351e+00	1.0409e+01	1.1665e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3846e+00	1.1180e+01	-5.3119e+00
186	0.0000e+00	0.0000e+00	0.0000e+00	-6.6522e+00	1.6648e+01	1.8924e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0996e+01	7.9486e+00	-9.8525e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1695e+01	1.1033e+01	-3.6562e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3697e+01	6.8464e+00	4.8522e-01
185	0.0000e+00	0.0000e+00	0.0000e+00	-5.9915e+00	5.5662e+00	2.6462e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7163e+01	6.4423e+00	9.9326e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8107e+01	6.6572e+00	-1.9774e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1918e+01	1.0868e+01	6.9058e-01
184	0.0000e+00	0.0000e+00	0.0000e+00	-5.0299e+00	1.8308e+00	-1.4762e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7694e+00	3.6126e+00	4.3027e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6529e+00	2.8097e+00	2.1306e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0689e+00	1.6455e+00	1.8393e-01
183	0.0000e+00	0.0000e+00	0.0000e+00	5.5831e-02	-9.9940e-01	3.7742e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.2648e-01	-3.6674e+00	6.3609e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4430e+00	1.8882e-04	-2.2400e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.2922e-01	2.3770e+00	-2.6056e+00
182	0.0000e+00	0.0000e+00	0.0000e+00	-1.3479e+01	-4.3330e+00	-3.8398e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2891e+01	-5.9197e+00	-4.5550e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4720e+01	-1.2546e+01	-6.2515e+00
181	0.0000e+00	0.0000e+00	0.0000e+00	-1.5734e+01	-4.9426e+00	-3.0596e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4143e+01	-3.0608e+00	-2.0877e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3058e+01	-5.9947e+00	8.2266e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5520e+01	-7.3198e+00	-1.1259e+00
180	0.0000e+00	0.0000e+00	0.0000e+00	4.3795e+00	-3.6098e+00	-1.0737e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.3204e+00	-9.0763e-01	3.6166e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.0894e+00	4.8151e+00	4.9900e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0018e+01	4.1181e+00	-1.1840e-01

179	0.0000e+00	0.0000e+00	0.0000e+00	-2.0738e-01	4.2424e+00	2.5522e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1812e+00	3.4774e+00	-4.4042e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.6767e-01	3.0055e+00	7.5134e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.3489e+00	4.6247e-01	3.5281e+00
178	0.0000e+00	0.0000e+00	0.0000e+00	-6.9107e-02	3.1836e+00	-7.3240e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4167e+00	4.1678e+00	-1.3230e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6203e+00	4.5080e+00	-8.4231e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.3324e-01	4.5318e+00	-3.3218e-01
177	0.0000e+00	0.0000e+00	0.0000e+00	-1.1798e+00	5.1054e+00	-1.4362e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4901e+00	4.6550e+00	-3.9338e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.8583e+00	3.1943e+00	-4.1235e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6888e+00	3.4037e+00	-1.6994e+00
176	0.0000e+00	0.0000e+00	0.0000e+00	5.8719e+00	-7.3775e+00	3.0751e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.6829e+00	-8.7072e+00	1.2987e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.1978e+00	-3.8976e+00	2.9977e-02
	0.0000e+00	0.0000e+00	0.0000e+00	4.0130e+00	-3.2234e+00	1.6753e+00
175	0.0000e+00	0.0000e+00	0.0000e+00	3.5180e+00	-9.5197e+00	4.4446e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.2450e+00	-8.5829e+00	1.7258e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.9795e+00	-5.7292e+00	-4.8628e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.5661e+00	-4.0861e+00	2.8238e-02
174	0.0000e+00	0.0000e+00	0.0000e+00	1.0093e+00	-9.1835e+00	2.9534e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.7182e-01	-8.4729e+00	1.4522e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.2948e+00	-7.1289e+00	1.0072e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.2420e+00	-5.7243e+00	-1.2698e-01
173	0.0000e+00	0.0000e+00	0.0000e+00	-3.6799e-02	-8.7631e+00	2.9549e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.2549e-01	-9.6447e+00	4.2594e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.7308e+00	-9.1789e+00	2.6206e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.1705e+00	-7.6131e+00	1.2981e+00
172	0.0000e+00	0.0000e+00	0.0000e+00	1.1993e+00	-1.0034e+01	4.7833e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.0373e+00	-6.2375e+00	6.3478e+00

	0.0000e+00	0.0000e+00	0.0000e+00	8.5551e-01	-1.4817e+01	5.9827e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.2505e+00	-1.0011e+01	2.5602e+00
171	0.0000e+00	0.0000e+00	0.0000e+00	-1.8242e+00	-5.4025e+00	1.3266e+01
	0.0000e+00	0.0000e+00	0.0000e+00	3.6902e-01	-2.1885e+01	1.0573e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0528e+01	-2.4217e+01	-2.5518e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.3848e+00	-2.0870e+01	5.8787e+00
170	0.0000e+00	0.0000e+00	0.0000e+00	1.7301e+00	-1.3944e+00	1.1066e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5609e+00	-3.1915e+00	1.2607e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2451e+01	-3.7702e+00	6.1774e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.7929e-01	4.8073e+00	6.2859e+00
169	0.0000e+00	0.0000e+00	0.0000e+00	-1.4978e+01	-2.0613e+01	-9.0654e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3813e+01	-1.5442e+01	-9.7897e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3519e+01	-1.8752e+01	-2.8734e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5670e+01	-2.1137e+01	-3.6583e+00
168	0.0000e+00	0.0000e+00	0.0000e+00	-2.2240e+01	-1.2591e+01	-8.8426e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7774e+01	-9.9794e+00	-5.7244e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1406e+01	-5.8102e+00	2.3489e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9313e+01	-1.4556e+01	-1.8698e+00
167	0.0000e+00	0.0000e+00	0.0000e+00	-5.0430e+00	-1.6690e+01	-3.7478e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4846e+00	-1.4052e+01	-3.3688e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5378e+00	-1.3567e+01	-3.1561e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2508e+00	-1.1646e+01	-3.3968e+00
166	0.0000e+00	0.0000e+00	0.0000e+00	-2.5630e+00	-1.4202e+01	-4.2367e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7850e+00	-1.5821e+01	-4.4093e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.0851e+00	-1.7555e+01	-6.5245e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5861e+00	-1.2860e+01	-6.4119e+00
165	0.0000e+00	0.0000e+00	0.0000e+00	-4.7922e-01	-1.9151e+01	-4.0699e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.1131e+00	-2.3380e+01	-3.4432e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.3822e+00	-1.6655e+01	-1.5713e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.3977e+00	-1.5727e+01	-6.2472e+00

164	0.0000e+00	0.0000e+00	0.0000e+00	-2.2260e+01	1.0741e+01	-8.0151e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.3385e-01	2.2362e+01	-1.2325e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4165e+01	9.8468e+00	-5.2791e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0132e+01	4.0707e+00	-5.4633e-02
163	0.0000e+00	0.0000e+00	0.0000e+00	1.1770e+01	-1.2684e+01	-4.3728e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.2258e+01	1.5834e+00	-1.1832e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.7651e+01	1.0592e+01	8.1950e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.0347e+01	4.3324e-01	-2.3750e+00
162	0.0000e+00	0.0000e+00	0.0000e+00	-1.3227e+01	1.5509e+01	-8.3615e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8888e+00	3.1006e+01	-9.5565e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.0566e-01	1.0162e+01	-2.1812e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5037e+01	1.0737e+01	4.3906e-01
161	0.0000e+00	0.0000e+00	0.0000e+00	-9.2026e+00	3.2673e+01	-8.0276e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4380e+00	2.6883e+01	-3.5934e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.1546e+00	3.5350e+01	3.6556e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4657e+00	1.4303e+01	-1.8961e+00
160	0.0000e+00	0.0000e+00	0.0000e+00	2.8003e+01	-1.1383e+00	2.4437e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.1130e+01	7.3736e+00	-6.5709e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.1594e+01	-6.8288e+00	-3.5068e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.6096e+01	2.0057e+00	2.6845e+00
159	0.0000e+00	0.0000e+00	0.0000e+00	2.1240e+00	1.8752e+01	8.4881e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.8952e-01	1.7085e+01	2.4417e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.8232e+00	1.3756e+01	1.1617e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.6547e+00	1.4939e+01	-4.1780e-01
158	0.0000e+00	0.0000e+00	0.0000e+00	1.4339e+00	1.8844e+01	-1.8701e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.7296e+00	2.0433e+01	-2.9552e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.0149e+00	2.5465e+01	2.0471e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.7353e+00	1.4131e+01	3.0296e+00
157	0.0000e+00	0.0000e+00	0.0000e+00	2.2211e+01	8.6572e+00	5.8770e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.0450e+01	1.1619e+01	-3.6456e+00

	0.0000e+00	0.0000e+00	0.0000e+00	1.4053e+01	1.8317e-01	-1.1236e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.1555e+00	4.9821e+00	5.5403e+00
156	0.0000e+00	0.0000e+00	0.0000e+00	-1.5602e+01	-1.1935e+01	-5.3285e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.9915e+00	-1.4100e+01	3.0211e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3383e+01	-2.1294e+01	1.6817e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4942e+01	-2.7885e+01	2.7222e+00
155	0.0000e+00	0.0000e+00	0.0000e+00	-8.8590e+00	-2.6494e+01	6.8871e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8592e+01	-1.8961e+01	2.5159e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1663e+01	-1.7864e+01	6.4357e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9862e+01	-3.2055e+01	6.5929e+00
154	0.0000e+00	0.0000e+00	0.0000e+00	2.1712e+00	-1.2604e+00	-2.0621e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.7332e+00	-3.0706e-01	-2.4759e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.8824e-02	-7.8233e+00	-2.8735e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.2068e+00	-5.5770e+00	-3.6284e+00
153	0.0000e+00	0.0000e+00	0.0000e+00	-6.8767e+00	9.2028e-01	-1.1110e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.0095e+00	-3.2310e+00	-6.7550e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.5606e+00	-3.6059e+00	-1.6490e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5629e+00	-5.6268e+00	-2.5026e+00
152	0.0000e+00	0.0000e+00	0.0000e+00	5.4914e+00	-5.0435e+00	1.7013e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.6698e-01	-6.7371e+00	8.6188e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.5765e-01	-5.2703e+00	-7.6451e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.0613e+00	-4.1892e+00	-6.9657e-02
151	0.0000e+00	0.0000e+00	0.0000e+00	-3.7623e-01	-5.7231e+00	-3.1385e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.3988e+00	-4.2723e+00	-5.0786e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.0446e+00	-1.6810e+00	-2.0293e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.9960e-01	-4.7467e+00	-9.7086e-01
150	0.0000e+00	0.0000e+00	0.0000e+00	2.0860e+00	-3.8709e+00	-4.5624e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.4671e+00	-2.3311e+00	-7.0638e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6792e+00	-1.9956e+00	-1.6268e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.1755e+00	9.8039e-01	-1.3378e+00

149	0.0000e+00	0.0000e+00	0.0000e+00	3.0616e+00	-1.7624e+00	4.2191e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.1831e+00	-3.3659e+00	-5.8997e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.4014e+00	1.0845e+00	-4.3032e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5671e+00	-7.7935e-01	4.2301e-01
148	0.0000e+00	0.0000e+00	0.0000e+00	2.5374e+00	-2.7788e+00	-5.0460e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1233e+00	-2.9090e+00	2.9162e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.8018e+00	-2.7998e+00	-1.9687e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.7837e+00	-2.1213e+00	-9.8470e-01
147	0.0000e+00	0.0000e+00	0.0000e+00	2.5947e+00	-2.9695e+00	1.2302e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.6636e+00	-5.9902e+00	7.6648e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3747e+00	-2.3758e+00	-1.0101e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.8017e+00	-3.6371e+00	4.3446e-02
146	0.0000e+00	0.0000e+00	0.0000e+00	3.5414e+00	-7.8695e+00	1.9039e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.4855e+00	-1.1052e+01	3.2717e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.9689e+00	-8.6637e+00	-5.0979e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.0332e+00	-3.7787e+00	-3.4306e+00
145	0.0000e+00	0.0000e+00	0.0000e+00	-4.3145e+00	-1.4379e+01	-2.1004e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2346e+01	-1.8492e+01	-4.8754e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6327e+01	-1.2154e+01	-4.2839e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2760e+00	-1.0115e+01	-4.5361e+00
144	0.0000e+00	0.0000e+00	0.0000e+00	1.8204e+00	-1.5107e+01	8.9042e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.9572e+00	-2.0854e+01	1.2142e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2157e+00	-2.2845e+01	-2.6498e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1746e+00	-2.0296e+01	-2.6645e+00
143	0.0000e+00	0.0000e+00	0.0000e+00	-1.2741e+01	-1.3437e+00	1.6928e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7806e+01	-5.9477e-01	-4.6438e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5769e+01	-3.0083e+00	1.3179e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9780e+01	-4.4554e+00	3.0724e+00
142	0.0000e+00	0.0000e+00	0.0000e+00	-6.4550e+00	6.1151e+00	-1.8486e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.9912e+00	3.1846e-01	-2.8730e+00

	0.0000e+00	0.0000e+00	0.0000e+00	-5.8830e+00	-4.2310e+00	-5.9350e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1890e+01	-4.4173e+00	-5.0133e+00
141	0.0000e+00	0.0000e+00	0.0000e+00	1.6714e+00	-4.5051e+00	-6.3487e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.4651e+00	-5.3968e+00	-3.8568e-02
	0.0000e+00	0.0000e+00	0.0000e+00	3.3976e+00	-3.1919e+00	-5.0743e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.2000e+00	-3.2862e+00	-1.1095e+00
140	0.0000e+00	0.0000e+00	0.0000e+00	-2.0968e+01	7.1527e-01	3.6235e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7395e+01	9.0832e-01	2.0038e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1446e+01	-4.4684e-01	-1.5227e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8502e+01	8.1763e+00	-2.7186e+00
139	0.0000e+00	0.0000e+00	0.0000e+00	-5.2832e+00	-1.8052e+01	-6.8078e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.7753e+00	-1.4188e+01	-9.0923e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0433e+01	-1.1754e+01	-4.2494e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.4257e+00	-1.6563e+01	-1.6279e+00
138	0.0000e+00	0.0000e+00	0.0000e+00	-8.4991e+00	-1.1798e+01	-1.0215e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.3478e+00	-6.6394e+00	-1.4783e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1023e+01	-9.1510e+00	-1.0524e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2466e+01	-1.1189e+01	-6.0122e+00
137	0.0000e+00	0.0000e+00	0.0000e+00	-6.9891e+00	-1.4427e+01	8.9772e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.5781e+00	-2.0629e+01	6.4939e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.0981e+00	-1.8171e+01	2.0209e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0408e+01	-1.3930e+01	4.1269e+00
136	0.0000e+00	0.0000e+00	0.0000e+00	-7.1123e+00	-2.2263e+01	4.4101e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.0890e+00	-2.9469e+01	-2.3525e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.6951e+00	-1.9942e+01	-4.1612e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4685e+01	-2.2697e+01	-1.3120e-01
135	0.0000e+00	0.0000e+00	0.0000e+00	-7.4816e+00	-3.4471e+01	-5.9897e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.5964e-01	-2.8413e+01	9.5895e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.9097e+00	-2.6129e+01	7.7683e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.3073e-01	-1.9819e+01	-5.3626e-01

134	0.0000e+00	0.0000e+00	0.0000e+00	-4.5992e+00	-3.0013e+01	7.6588e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.2224e+00	-2.7675e+01	6.1940e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.1967e+00	-1.7822e+01	1.0675e+01
	0.0000e+00	0.0000e+00	0.0000e+00	3.6774e+00	-2.3116e+01	3.6933e+00
133	0.0000e+00	0.0000e+00	0.0000e+00	-2.2182e+01	3.8166e+00	-1.4981e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.4410e+00	1.9432e+01	-1.6053e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6472e+01	1.0650e+01	-7.3867e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3020e+01	8.4379e+00	-8.1498e+00
132	0.0000e+00	0.0000e+00	0.0000e+00	1.5860e+00	-2.7018e+00	1.2390e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.5275e+00	-2.8298e+00	8.4611e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.7239e+00	-1.0107e+01	1.0878e+01
131	0.0000e+00	0.0000e+00	0.0000e+00	7.8941e+00	4.3327e+01	1.4183e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3396e+01	1.7222e+01	1.3357e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4604e+00	2.5079e+01	7.2686e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.8471e+00	1.8370e+01	2.5907e+00
130	0.0000e+00	0.0000e+00	0.0000e+00	-7.7878e+00	1.9641e+01	3.6259e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5041e-01	1.9615e+01	1.1313e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.8055e+00	2.8480e+01	2.3100e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.8907e+00	2.5043e+01	5.6785e+00
129	0.0000e+00	0.0000e+00	0.0000e+00	2.4814e+01	-2.0754e+00	1.1814e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.8879e+01	2.1143e+00	-5.6096e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.6486e+01	-3.4622e+00	-2.0408e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.1345e+01	-1.4081e+00	2.8628e+00
128	0.0000e+00	0.0000e+00	0.0000e+00	-1.3869e-01	1.2950e+01	6.7163e-02
	0.0000e+00	0.0000e+00	0.0000e+00	2.0192e-01	1.2660e+01	1.4079e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.3596e+00	7.8528e+00	-1.0100e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.7670e-01	1.1150e+01	-1.4027e+00
127	0.0000e+00	0.0000e+00	0.0000e+00	1.6486e+00	1.3055e+01	-8.1453e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.0766e+00	1.4625e+01	-6.0190e-02
	0.0000e+00	0.0000e+00	0.0000e+00	3.9878e+00	1.3985e+01	2.7062e+00

	0.0000e+00	0.0000e+00	0.0000e+00	2.9155e+00	7.9450e+00	1.8433e+00
126	0.0000e+00	0.0000e+00	0.0000e+00	1.3060e+01	7.1497e+00	-2.3068e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4869e+01	7.7439e+00	-2.8528e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.2821e+01	4.1146e+00	-2.6336e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.8176e+00	4.5557e+00	-1.0157e-01
125	0.0000e+00	0.0000e+00	0.0000e+00	9.2761e+00	9.4922e+00	4.6657e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0925e+00	-2.9526e-01	3.8602e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.8298e+00	-2.3604e+00	-2.5547e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.4354e+00	4.1891e+00	-3.2442e+00
124	0.0000e+00	0.0000e+00	0.0000e+00	4.9790e+00	-2.5731e+00	4.5548e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2497e+00	-6.5630e+00	4.2215e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.3713e+00	-5.2632e+00	1.2664e+00
123	0.0000e+00	0.0000e+00	0.0000e+00	-4.5794e+00	6.4770e+00	2.5861e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0787e+01	7.9406e+00	1.1544e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.8923e+00	6.9658e+00	1.9215e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.8650e+00	6.1244e+00	1.6305e+00
122	0.0000e+00	0.0000e+00	0.0000e+00	-9.7321e+00	9.0267e+00	2.0894e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1124e+01	1.0444e+01	1.9926e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1048e+01	4.1443e+00	1.6524e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0218e+01	6.1860e+00	1.7750e+00
121	0.0000e+00	0.0000e+00	0.0000e+00	-1.1580e+01	1.0821e+01	3.8811e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3552e+01	-1.9343e-01	-1.0532e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1293e+01	8.7297e-01	-6.0103e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2636e+01	1.2553e+00	-1.1082e+00
120	0.0000e+00	0.0000e+00	0.0000e+00	2.1361e+00	-2.2042e+01	5.5155e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1481e-01	-2.4001e+01	5.7666e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.5568e-01	-1.9522e+01	2.5366e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.0617e+00	-1.5717e+01	2.2821e+00
119	0.0000e+00	0.0000e+00	0.0000e+00	-2.0893e+01	2.1260e+00	-3.0396e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5632e+01	1.2717e+00	-4.1505e+00

	0.0000e+00	0.0000e+00	0.0000e+00	-2.6272e+01	5.2943e-01	-4.7492e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3508e+01	2.9743e-01	-3.3522e+00
118	0.0000e+00	0.0000e+00	0.0000e+00	6.5886e+00	-2.9144e+01	-4.9544e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1898e+00	-3.4256e+01	2.6639e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.7267e+00	-2.5135e+01	-2.0614e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.3663e+00	-2.4592e+01	-4.0539e+00
117	0.0000e+00	0.0000e+00	0.0000e+00	-7.2896e+00	-2.6056e+01	7.9547e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5957e+00	-2.5837e+01	9.0718e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1930e+01	-2.3721e+01	3.0340e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3564e+01	-2.2858e+01	8.4695e+00
116	0.0000e+00	0.0000e+00	0.0000e+00	-1.9784e+01	5.7632e-01	9.8813e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7566e+01	-1.7368e-02	1.4547e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4988e+01	-3.0709e+00	2.7125e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1250e+01	-6.1876e+00	2.1209e+00
115	0.0000e+00	0.0000e+00	0.0000e+00	-3.0022e+00	-2.5685e+01	-2.4664e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.6665e+00	-2.3460e+01	-2.2392e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.9538e+00	-2.1071e+01	-1.1486e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1368e+00	-2.0860e+01	-1.4600e+00
114	0.0000e+00	0.0000e+00	0.0000e+00	-2.8551e+00	-2.1749e+01	-4.1035e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.7210e+00	-1.9639e+01	-5.2860e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-9.2176e+00	-1.7283e+01	-2.3109e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.4881e+00	-2.1265e+01	-8.1225e-01
113	0.0000e+00	0.0000e+00	0.0000e+00	-1.4722e+01	8.3583e+00	-2.1706e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5890e+01	-1.3486e+00	9.9710e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.3556e+00	5.0858e+00	-5.8984e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3646e+01	5.3184e+00	-6.5900e+00
112	0.0000e+00	0.0000e+00	0.0000e+00	-6.6867e+00	-6.4925e+00	-8.3530e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-9.8642e+00	3.1146e+00	-1.3126e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1668e+01	4.2676e+00	-5.2753e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-9.5978e+00	-1.5254e+00	-4.6346e+00

111	0.0000e+00	0.0000e+00	0.0000e+00	-7.4079e+00	-2.5729e+00	1.7578e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-9.4642e+00	-2.9300e+00	1.4297e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0827e+01	-5.0118e+00	8.3972e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-8.0376e+00	-4.1735e+00	1.8143e+00
110	0.0000e+00	0.0000e+00	0.0000e+00	-7.6385e+00	-2.8214e+00	3.4360e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7914e-01	-1.4877e+00	-1.5668e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.6805e+00	-4.3458e+00	-6.4026e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.8854e+00	-4.8486e+00	1.2626e+00
109	0.0000e+00	0.0000e+00	0.0000e+00	4.6910e+00	-1.6524e+00	1.1840e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.5228e+00	-3.8616e+00	1.6441e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.8797e+00	-5.8384e+00	1.2139e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.9912e+00	-5.1345e+00	-3.4806e-01
108	0.0000e+00	0.0000e+00	0.0000e+00	6.1235e+00	-4.4546e+00	-2.6703e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.5800e+00	-4.7428e+00	-9.0639e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.1396e+00	-9.1477e+00	-2.1823e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.8666e+00	-7.2325e+00	-1.4769e+00
107	0.0000e+00	0.0000e+00	0.0000e+00	2.9712e+00	-1.2558e+01	4.5763e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0798e+00	-1.4310e+01	2.2632e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.2645e+00	-1.1244e+01	7.1797e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.7675e+00	-1.0256e+01	-1.0161e+00
106	0.0000e+00	0.0000e+00	0.0000e+00	2.3926e+00	-1.4611e+01	5.2489e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2244e+00	-1.8308e+01	5.8534e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.7628e-01	-1.3470e+01	2.9657e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.1697e+00	-1.2225e+01	2.5710e+00
105	0.0000e+00	0.0000e+00	0.0000e+00	-1.1046e+01	-1.7501e+01	5.7816e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7403e+01	-2.7692e+01	8.2937e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3889e+01	-1.4037e+01	3.1136e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-9.3054e+00	-1.5388e+01	1.8271e+00
104	0.0000e+00	0.0000e+00	0.0000e+00	-2.9837e+00	-2.7135e+01	3.9766e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.9315e+00	-2.2303e+01	-5.1862e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-6.8339e+00	-1.7303e+01	2.6541e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-9.6688e+00	-1.6225e+01	5.9605e+00
103	0.0000e+00	0.0000e+00	0.0000e+00	-5.4406e+00	-1.7433e+01	-2.0554e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-9.0026e+00	-1.4958e+01	-3.6663e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.4815e+00	-1.3164e+01	2.7544e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.7160e+00	-1.6910e+01	1.2266e+00
102	0.0000e+00	0.0000e+00	0.0000e+00	-8.5566e+00	-1.2212e+01	-7.4736e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2825e+01	-1.1667e+01	-3.0595e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5394e+01	-5.9074e+00	1.1856e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2143e+01	-1.3508e+01	3.8741e+00
101	0.0000e+00	0.0000e+00	0.0000e+00	5.8627e+00	-8.5052e+00	-2.1390e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.5345e+00	-9.0942e+00	2.3749e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.1701e+00	-6.8256e+00	3.5809e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.4311e+00	-7.7409e+00	-7.5992e-02
100	0.0000e+00	0.0000e+00	0.0000e+00	-7.6018e+00	-3.4971e+00	-3.8611e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-9.8206e+00	-1.6159e+00	-4.6175e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.8811e+00	1.5862e+00	2.0811e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0079e+01	-8.6348e+00	3.7632e-01
99	0.0000e+00	0.0000e+00	0.0000e+00	2.7112e+00	-2.2303e+00	4.5568e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2707e+00	-6.3927e+00	4.6165e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.4833e+00	-5.2783e+00	6.9070e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8691e+00	-1.8425e+00	-1.0533e+00
98	0.0000e+00	0.0000e+00	0.0000e+00	4.7090e+00	-3.5972e+00	-1.5970e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.3381e+00	-3.5697e+00	-7.6825e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.8383e+00	-3.6973e+00	1.1993e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.6777e+00	-5.5877e+00	-7.3129e-01
97	0.0000e+00	0.0000e+00	0.0000e+00	3.8962e-01	-2.6480e+00	-1.3606e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.4201e+00	-1.3679e+00	-6.0531e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.6672e+00	-4.1896e+00	-6.2641e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4352e+00	-2.9590e+00	-1.3742e+00

96	0.0000e+00	0.0000e+00	0.0000e+00	-4.8178e+00	7.2524e+00	-7.7299e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0416e+01	-2.9636e+00	-2.5466e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0701e+01	-2.4176e+00	-1.8670e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5703e+01	-6.3095e+00	-3.9897e+00
95	0.0000e+00	0.0000e+00	0.0000e+00	-2.3475e+00	-2.1877e+01	1.0625e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.1233e+00	-1.7938e+01	8.1767e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.7298e+00	-1.7541e+01	2.0565e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2357e+00	-1.5366e+01	1.5857e+00
94	0.0000e+00	0.0000e+00	0.0000e+00	-8.9555e+00	-4.1615e+00	1.5733e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.2746e+00	-6.1961e+00	-1.7750e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.9108e+00	-7.7998e+00	5.6082e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1481e+01	-1.1225e+01	2.8178e+00
93	0.0000e+00	0.0000e+00	0.0000e+00	3.6153e+00	-4.5115e+00	-1.1114e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.1470e+00	-3.7604e+00	-8.7144e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.5967e+00	-6.4255e+00	4.1526e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.6333e+00	-8.4010e+00	2.3366e-01
92	0.0000e+00	0.0000e+00	0.0000e+00	4.3753e+00	-9.4480e+00	1.4010e+00
	0.0000e+00	0.0000e+00	0.0000e+00	9.3390e-01	-1.2604e+01	2.1471e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.1879e+00	-5.7094e+00	1.1879e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.6764e+00	-6.8702e+00	3.8541e-01
91	0.0000e+00	0.0000e+00	0.0000e+00	-7.4040e+00	-1.0494e+01	5.4098e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1255e+01	-1.8653e+01	4.2432e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-9.7571e+00	-4.3983e+00	4.7421e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1011e+01	-5.4524e+00	1.4954e+00
90	0.0000e+00	0.0000e+00	0.0000e+00	2.0225e+00	2.0286e+00	4.3146e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3973e+01	-5.0273e+00	3.9467e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.1445e+00	-1.0746e+00	2.9472e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.1241e+00	-4.5147e+00	2.5297e+00
89	0.0000e+00	0.0000e+00	0.0000e+00	1.2626e+00	-6.9904e+00	-6.4658e-03
	0.0000e+00	0.0000e+00	0.0000e+00	3.1932e+00	-4.5375e+00	-1.0020e-01

	0.0000e+00	0.0000e+00	0.0000e+00	2.1228e+00	-8.4786e+00	6.3296e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.9943e+00	-6.1197e+00	-8.7904e-02
88	0.0000e+00	0.0000e+00	0.0000e+00	4.8147e+01	1.4624e+01	7.5271e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.8782e+00	2.7668e+00	1.2205e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.4889e+00	-2.1203e+00	-2.0698e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0535e+01	-1.3024e+01	2.8301e+00
87	0.0000e+00	0.0000e+00	0.0000e+00	-1.0882e+00	8.4252e+00	-1.4054e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.0892e+00	5.9365e+00	-3.9698e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.6528e+00	6.8031e+00	5.9954e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.6767e+00	3.4316e+00	-5.8862e-01
86	0.0000e+00	0.0000e+00	0.0000e+00	-8.6957e+00	-8.7493e+00	3.8814e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0768e+01	-1.2462e+01	2.0884e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.8877e+00	-1.6551e+01	1.5481e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5891e+01	-2.0094e+01	3.7380e+00
85	0.0000e+00	0.0000e+00	0.0000e+00	-1.4478e+00	-1.1995e+01	1.9616e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.7690e+00	-1.5539e+01	6.0000e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0310e+00	-1.2085e+01	2.2876e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.7523e+00	-1.5905e+01	1.7556e+00
84	0.0000e+00	0.0000e+00	0.0000e+00	3.5196e+01	-1.6469e+01	-9.2226e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.9657e+00	-9.0092e+00	-1.1719e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.9899e+01	-8.0530e+00	-1.6411e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.4570e+01	-2.1218e+01	-5.2264e+00
83	0.0000e+00	0.0000e+00	0.0000e+00	-3.5735e+01	-3.1070e+01	-1.1577e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.0051e+01	-3.1869e+01	-2.5389e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.0077e+01	-2.8419e+01	-1.3713e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5957e+01	-2.6800e+01	-1.2475e+00
82	0.0000e+00	0.0000e+00	0.0000e+00	-2.7253e+01	-3.1694e+01	1.3042e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9923e+01	-3.2612e+01	2.4210e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9762e+01	-2.9370e+01	-7.3076e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7304e+01	-2.8191e+01	-8.6066e-01

81	0.0000e+00	0.0000e+00	0.0000e+00	-1.6975e+01	-3.2250e+01	5.9534e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0996e+01	-3.3047e+01	7.3850e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0878e+01	-2.9666e+01	7.9459e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6989e+01	-2.9057e+01	-7.2959e-02
80	0.0000e+00	0.0000e+00	0.0000e+00	-8.6746e+00	-3.2643e+01	1.1035e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.7752e+00	-3.3300e+01	1.0982e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.7212e+00	-2.9744e+01	6.4106e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.9284e+00	-2.9438e+01	6.5031e-01
79	0.0000e+00	0.0000e+00	0.0000e+00	-2.9714e+00	-3.2986e+01	1.4893e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.6761e-01	-3.3600e+01	1.3718e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.3768e-01	-3.0005e+01	8.9953e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4882e+00	-2.9624e+01	1.0208e+00
78	0.0000e+00	0.0000e+00	0.0000e+00	7.2546e-01	-3.3437e+01	1.7763e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.7652e+00	-3.4367e+01	1.6271e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.1284e+00	-3.0655e+01	9.0604e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5675e-02	-3.0056e+01	1.0416e+00
77	0.0000e+00	0.0000e+00	0.0000e+00	2.9986e+00	-3.4347e+01	1.9929e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.0250e+00	-3.5968e+01	1.7801e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.8737e+00	-3.1687e+01	6.8721e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7293e+00	-3.0979e+01	8.4252e-01
76	0.0000e+00	0.0000e+00	0.0000e+00	3.4394e+00	-3.5812e+01	1.7041e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.3811e+00	-3.8041e+01	6.0024e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8597e+00	-3.0640e+01	3.2789e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8783e+00	-3.2213e+01	1.3329e+00
75	0.0000e+00	0.0000e+00	0.0000e+00	1.1532e+00	-3.7279e+01	9.0336e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2425e+00	-3.5968e+01	-1.8650e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6589e+00	-3.1857e+01	-1.3573e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0528e+00	-3.1302e+01	1.1080e+00
74	0.0000e+00	0.0000e+00	0.0000e+00	1.8301e+00	-3.6871e+01	-2.1834e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.5842e+00	-3.4725e+01	-2.7868e+00

	0.0000e+00	0.0000e+00	0.0000e+00	1.0740e+00	-3.1795e+01	-2.1861e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.1707e+00	-3.0919e+01	-1.6050e+00
73	0.0000e+00	0.0000e+00	0.0000e+00	1.3063e+00	-3.4983e+01	-2.5665e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.1921e+00	-3.3846e+01	-2.5564e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.1742e-01	-3.0844e+01	-1.7186e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.1224e+00	-3.1408e+01	-1.7657e+00
72	0.0000e+00	0.0000e+00	0.0000e+00	-5.3480e-01	-3.4031e+01	-2.0792e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0234e+00	-3.3166e+01	-1.9861e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6003e+00	-3.0185e+01	-1.3264e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.0166e-03	-3.0676e+01	-1.4306e+00
71	0.0000e+00	0.0000e+00	0.0000e+00	-4.1479e+00	-3.3463e+01	-1.4660e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.5166e+00	-3.2676e+01	-1.2872e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.8316e+00	-2.9763e+01	-6.8611e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.8336e+00	-3.0224e+01	-8.6391e-01
70	0.0000e+00	0.0000e+00	0.0000e+00	-1.0123e+01	-3.3061e+01	-7.8785e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5687e+01	-3.2198e+01	-5.2071e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5771e+01	-2.9255e+01	2.2815e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.8971e+00	-2.9953e+01	-4.3357e-02
69	0.0000e+00	0.0000e+00	0.0000e+00	-1.8761e+01	-3.2585e+01	-6.6079e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5954e+01	-3.1612e+01	1.9642e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5943e+01	-2.8219e+01	1.2711e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8523e+01	-2.9507e+01	9.9452e-01
68	0.0000e+00	0.0000e+00	0.0000e+00	-2.8919e+01	-3.1778e+01	6.0408e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5415e+01	-3.0997e+01	5.9301e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5387e+01	-2.6247e+01	1.9696e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.9005e+01	-2.8406e+01	1.9724e+00
67	0.0000e+00	0.0000e+00	0.0000e+00	-2.4384e+01	-3.4742e+01	-2.2063e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8262e+01	-3.4532e+01	-4.0200e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0487e+01	-2.8030e+01	-3.6517e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6008e+01	-2.8530e+01	-1.8250e+00

66	0.0000e+00	0.0000e+00	0.0000e+00	-1.6013e+01	-3.3657e+01	-4.5458e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0373e+01	-3.3056e+01	-6.7729e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3122e+01	-2.5528e+01	-5.5981e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7918e+01	-2.7202e+01	-3.3500e+00
65	0.0000e+00	0.0000e+00	0.0000e+00	-8.6441e+00	-3.1718e+01	-8.0182e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.0739e+00	-2.9420e+01	-1.0872e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.2019e+00	-2.0642e+01	-7.8022e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1366e+01	-2.4312e+01	-4.9563e+00
64	0.0000e+00	0.0000e+00	0.0000e+00	-2.6431e+00	-2.8370e+01	-1.4844e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4844e+01	-1.5176e+01	-1.1309e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2056e-01	-1.1336e+01	-1.9777e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0298e+01	-1.6481e+01	-5.8473e+00
63	0.0000e+00	0.0000e+00	0.0000e+00	-1.2120e+01	-2.8400e-02	3.1118e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-9.9547e+00	-6.9450e-01	7.1974e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1344e+01	-5.8603e+00	1.0699e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5285e+01	-7.3770e+00	3.4617e+00
62	0.0000e+00	0.0000e+00	0.0000e+00	-1.1899e+01	-1.5033e+00	4.4959e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.3867e+00	-2.3974e+00	-2.5780e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.8013e+00	-4.9106e+00	-1.0263e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0356e+01	-4.2651e+00	-3.8392e-01
61	0.0000e+00	0.0000e+00	0.0000e+00	-8.6178e+00	-2.8017e+00	-1.0566e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5054e+00	-1.7464e+00	-1.0305e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4298e+00	-5.6764e+00	-1.4310e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.9845e+00	-3.8278e+00	-1.4391e+00
60	0.0000e+00	0.0000e+00	0.0000e+00	-3.3651e+00	-1.8989e+00	-8.4775e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.1019e-01	-4.1527e+00	-1.1124e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8930e+00	-4.5841e+00	-1.9040e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1302e+00	-5.0608e+00	-1.8425e+00
59	0.0000e+00	0.0000e+00	0.0000e+00	-3.0184e+00	-4.5191e+00	-2.2077e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.9965e-01	-2.5991e+00	-1.8559e+00

	0.0000e+00	0.0000e+00	0.0000e+00	-1.1018e+00	-4.4289e+00	-1.1750e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3964e+00	-3.9109e+00	-1.4792e+00
58	0.0000e+00	0.0000e+00	0.0000e+00	-1.7431e+00	-2.4174e+00	-1.3684e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.8267e-01	-1.6865e+00	-1.0090e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-9.2790e-01	-3.7433e+00	-5.7739e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.4297e-01	-3.7274e+00	-1.0479e+00
57	0.0000e+00	0.0000e+00	0.0000e+00	-8.7717e-01	-2.2493e+00	-3.1542e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3134e+00	-3.0360e+00	5.6503e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.8277e-01	-3.9801e+00	-1.8605e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4656e+00	-2.8984e+00	-1.1231e+00
56	0.0000e+00	0.0000e+00	0.0000e+00	1.3615e+00	-3.5599e+00	5.9898e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.1968e+00	-5.2085e+00	1.1702e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.7001e+00	-3.9565e+00	5.0196e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.1570e+00	-3.7890e+00	-2.6143e-01
55	0.0000e+00	0.0000e+00	0.0000e+00	1.1210e+00	-4.6040e+00	4.3087e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.6762e-01	-3.7460e+00	2.9417e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.7711e+00	-5.4140e+00	5.4379e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.8576e-01	-4.6800e+00	4.8520e-01
54	0.0000e+00	0.0000e+00	0.0000e+00	1.3147e+00	-3.7763e+00	1.8571e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7826e-01	-4.1336e+00	5.3864e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.8867e-01	-5.6009e+00	2.7667e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.9460e-01	-5.4104e+00	-6.1134e-02
53	0.0000e+00	0.0000e+00	0.0000e+00	3.2910e-01	-4.3983e+00	9.2082e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4361e+00	-6.1559e+00	1.4736e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-9.1301e-01	-5.4155e+00	8.6709e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1278e-01	-5.8906e+00	3.2281e-01
52	0.0000e+00	0.0000e+00	0.0000e+00	-2.5184e-01	-5.7690e+00	1.1013e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.9090e+00	-6.3767e+00	3.9777e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8837e+00	-5.8631e+00	3.6186e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7632e+00	-6.4337e+00	1.0461e+00

51	0.0000e+00	0.0000e+00	0.0000e+00	-4.4513e+00	-6.2362e+00	-7.6260e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.0744e+00	-3.2348e+00	-5.3669e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.2551e+00	-5.1656e+00	1.0604e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.2119e+00	-5.8198e+00	9.5628e-01
50	0.0000e+00	0.0000e+00	0.0000e+00	-8.0365e+00	-2.1355e+00	-3.3614e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3105e+01	-3.1983e-01	-2.7562e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1862e+01	-4.4070e+00	1.0166e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-9.3985e+00	-5.4711e+00	9.8995e-01
49	0.0000e+00	0.0000e+00	0.0000e+00	-1.3603e+01	4.5876e-01	2.3488e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4404e+01	6.2092e-01	-1.1667e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7422e+01	-6.7890e+00	-1.7797e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3218e+01	-5.3145e+00	-3.9425e-01
48	0.0000e+00	0.0000e+00	0.0000e+00	-1.3915e+01	1.1658e+00	-1.5322e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6705e+01	-1.4961e+01	-1.0088e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1865e+01	-3.6029e+00	-1.4372e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7191e+01	-1.0474e+01	-4.4607e+00
47	0.0000e+00	0.0000e+00	0.0000e+00	-5.0799e+00	-3.2808e+01	9.7712e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.7027e+00	-3.3873e+01	6.7706e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1923e+01	-2.5939e+01	3.7895e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.2619e+00	-2.1422e+01	6.8044e+00
46	0.0000e+00	0.0000e+00	0.0000e+00	-1.0561e+01	-3.5076e+01	5.4068e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6546e+01	-3.5026e+01	3.2474e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8276e+01	-2.8609e+01	2.4737e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3341e+01	-2.7061e+01	4.6168e+00
45	0.0000e+00	0.0000e+00	0.0000e+00	-1.8645e+01	-3.5792e+01	2.7975e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4925e+01	-3.5476e+01	1.3062e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6124e+01	-2.9641e+01	1.2738e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0557e+01	-2.9238e+01	2.7569e+00
44	0.0000e+00	0.0000e+00	0.0000e+00	-8.5030e+00	-2.6714e+01	8.7360e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.2604e+00	-2.7147e+01	6.7322e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-4.7226e+00	-2.1447e+01	3.3952e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.5051e+00	-2.1184e+01	5.5487e-01
43	0.0000e+00	0.0000e+00	0.0000e+00	-3.1395e+00	-2.6806e+01	1.1971e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4764e-01	-2.7371e+01	6.7848e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.9227e-01	-2.1655e+01	2.3889e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5031e+00	-2.1301e+01	7.8430e-01
42	0.0000e+00	0.0000e+00	0.0000e+00	2.7957e-01	-2.7232e+01	9.4816e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.5118e+00	-2.8059e+01	1.7312e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4251e+00	-2.2267e+01	-5.2905e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2266e-01	-2.1621e+01	2.7688e-01
41	0.0000e+00	0.0000e+00	0.0000e+00	2.0241e+00	-2.8154e+01	1.0622e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.2323e+00	-2.9336e+01	-8.3706e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.0910e+00	-2.3631e+01	-1.9860e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.3344e+00	-2.2372e+01	-1.0706e+00
40	0.0000e+00	0.0000e+00	0.0000e+00	3.2025e+00	-3.0074e+01	-1.4232e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.7790e+00	-3.4768e+01	-9.3118e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.4119e+00	-2.3434e+01	-2.8737e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5349e+00	-2.3608e+01	-3.7931e+00
39	0.0000e+00	0.0000e+00	0.0000e+00	-2.0548e+00	-3.2430e+01	2.8619e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9539e+00	-2.9779e+01	3.5814e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.0878e+00	-2.6615e+01	9.7409e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4181e+00	-2.5106e+01	3.1044e+00
38	0.0000e+00	0.0000e+00	0.0000e+00	2.3693e+00	-3.1108e+01	-1.0580e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.9500e+00	-2.9128e+01	-1.1275e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.2058e-01	-2.3511e+01	5.5751e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.5945e+00	-2.4938e+01	5.0475e-01
37	0.0000e+00	0.0000e+00	0.0000e+00	2.6812e+00	-2.8973e+01	-9.9680e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.4248e-01	-2.7784e+01	-1.4837e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.0181e-01	-2.2273e+01	-3.6114e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.0122e+00	-2.3526e+01	1.4504e-01

36	0.0000e+00	0.0000e+00	0.0000e+00	5.8789e-01	-2.7989e+01	-1.0750e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2374e+00	-2.7108e+01	-1.4454e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5434e+00	-2.1817e+01	-7.8751e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0027e-01	-2.2432e+01	-3.5815e-01
35	0.0000e+00	0.0000e+00	0.0000e+00	-3.2016e+00	-2.7553e+01	-8.6154e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.4137e+00	-2.6888e+01	-9.1884e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.4171e+00	-2.1701e+01	-4.4522e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.7592e+00	-2.2099e+01	-3.3275e-01
34	0.0000e+00	0.0000e+00	0.0000e+00	-9.2364e+00	-2.7423e+01	-2.7038e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5241e+01	-2.6649e+01	5.2624e-03
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4927e+01	-2.1460e+01	6.4128e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.4570e+00	-2.2048e+01	4.0396e-01
33	0.0000e+00	0.0000e+00	0.0000e+00	-1.7876e+01	-2.7147e+01	6.3931e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5279e+01	-2.5977e+01	1.2245e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4713e+01	-2.0391e+01	2.4004e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7617e+01	-2.1706e+01	1.8429e+00
32	0.0000e+00	0.0000e+00	0.0000e+00	-1.7845e+01	-2.3831e+01	-2.5061e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2924e+01	-2.2322e+01	-3.4729e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3887e+01	-1.5807e+01	-2.2100e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9127e+01	-1.6690e+01	-1.2388e+00
31	0.0000e+00	0.0000e+00	0.0000e+00	-1.1185e+01	-2.1062e+01	-4.0205e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.9937e+00	-1.7062e+01	-4.1998e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.4334e+00	-1.3057e+01	-1.4586e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2251e+01	-1.4328e+01	-1.3532e+00
30	0.0000e+00	0.0000e+00	0.0000e+00	-1.1268e+01	-7.6697e+00	3.6897e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.1200e+00	-7.2617e+00	-3.6714e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.0088e+00	-1.1499e+01	-3.9549e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2547e+01	-1.1161e+01	4.0804e-01
29	0.0000e+00	0.0000e+00	0.0000e+00	-6.3474e+00	-7.0248e+00	-8.6934e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.7293e+00	-7.2777e+00	-9.0534e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-3.4115e+00	-1.0934e+01	-1.1184e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.4268e+00	-1.0802e+01	-1.0365e+00
28	0.0000e+00	0.0000e+00	0.0000e+00	-2.6429e+00	-6.9961e+00	-1.5252e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6344e+00	-6.7477e+00	-1.0933e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.6842e-01	-1.0216e+01	-9.1622e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5293e+00	-1.0341e+01	-1.2763e+00
27	0.0000e+00	0.0000e+00	0.0000e+00	-1.2726e+00	-6.4347e+00	-1.1840e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.8311e-01	-6.0062e+00	-2.0329e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.2804e-01	-8.9086e+00	3.3977e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.3150e-01	-9.4932e+00	-5.9678e-01
26	0.0000e+00	0.0000e+00	0.0000e+00	4.1855e-01	-5.1484e+00	-2.7912e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1538e-01	-4.6594e+00	2.9950e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.5667e-01	-4.9905e+00	2.2049e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.5443e-01	-8.2711e+00	1.4683e+00
25	0.0000e+00	0.0000e+00	0.0000e+00	5.6795e-01	-3.2383e+00	4.7899e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4134e+00	-8.3609e-01	-1.2508e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2376e+00	-2.4180e+00	1.1298e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.6086e+00	-4.6839e+00	2.4298e+00
24	0.0000e+00	0.0000e+00	0.0000e+00	4.4995e+00	-2.1669e+00	-8.4465e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6870e+00	-3.4990e+00	2.1574e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.6524e+00	-8.8525e+00	-4.1962e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.3858e+00	-8.6941e-01	-5.5470e+00
23	0.0000e+00	0.0000e+00	0.0000e+00	-4.4462e-01	-3.2955e+00	-3.5754e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1826e+00	-7.4433e+00	1.0658e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.7308e+00	-9.2742e+00	-1.1018e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.9454e+00	-1.0741e+01	-1.6867e+00
22	0.0000e+00	0.0000e+00	0.0000e+00	5.1390e-01	-7.2609e+00	-3.3630e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0107e+00	-7.4453e+00	-2.7378e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.6181e+00	-1.0143e+01	-3.8744e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.7902e-01	-9.5795e+00	-6.8147e-01

21	0.0000e+00	0.0000e+00	0.0000e+00	-3.0992e-01	-7.6137e+00	-7.1627e-03
	0.0000e+00	0.0000e+00	0.0000e+00	-6.7517e-01	-7.7948e+00	5.1932e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.8375e-01	-1.0403e+01	3.0807e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.6241e-01	-1.0171e+01	-1.8533e-01
20	0.0000e+00	0.0000e+00	0.0000e+00	-2.0903e+00	-7.8162e+00	3.1712e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.9872e+00	-7.4808e+00	6.4377e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1144e+00	-1.0784e+01	6.8258e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4134e+00	-1.0551e+01	3.8463e-01
19	0.0000e+00	0.0000e+00	0.0000e+00	-5.9380e+00	-7.7124e+00	5.0991e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.6344e+00	-7.1431e+00	1.0676e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.6670e+00	-1.0964e+01	1.2076e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.9560e+00	-1.0670e+01	6.4945e-01
18	0.0000e+00	0.0000e+00	0.0000e+00	-9.3335e+00	-6.9477e+00	8.9183e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2841e+01	-7.2663e+00	4.6485e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3738e+01	-1.1324e+01	4.3231e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.3436e+00	-1.1572e+01	8.4692e-01
17	0.0000e+00	0.0000e+00	0.0000e+00	-1.4367e+01	-6.9676e+00	-3.9077e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9008e+01	-8.0642e+00	-3.0358e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2861e+01	-1.1686e+01	-3.1542e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5534e+01	-1.2571e+01	-5.2842e-01
16	0.0000e+00	0.0000e+00	0.0000e+00	-1.3075e+01	-2.3969e+01	2.7523e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8409e+01	-2.5425e+01	1.9171e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9403e+01	-1.8013e+01	5.5559e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3804e+01	-1.6926e+01	1.3931e+00
15	0.0000e+00	0.0000e+00	0.0000e+00	-2.0295e+01	-2.6316e+01	1.6836e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6090e+01	-2.6781e+01	7.3534e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7021e+01	-1.9170e+01	3.5314e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1376e+01	-1.8918e+01	1.3008e+00
14	0.0000e+00	0.0000e+00	0.0000e+00	-1.6504e+01	-2.6624e+01	1.3977e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0295e+01	-2.7174e+01	3.1706e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-1.0464e+01	-2.1419e+01	-1.0823e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6015e+01	-2.1064e+01	-2.8409e-01
13	0.0000e+00	0.0000e+00	0.0000e+00	-3.1596e+00	-1.7997e+01	8.8144e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.9101e-01	-1.8161e+01	3.0827e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6044e+00	-1.3199e+01	1.1351e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.3520e+00	-1.2986e+01	7.2110e-01
12	0.0000e+00	0.0000e+00	0.0000e+00	-3.8734e+00	-1.5983e+01	-4.1756e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0278e+01	-8.3383e+00	-5.9238e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4799e+00	-1.5170e+01	-4.3150e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.0151e+00	-1.0933e+01	-2.2610e+00
11	0.0000e+00	0.0000e+00	0.0000e+00	-1.6141e+00	-1.3315e+01	2.4418e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.7977e+00	-2.1095e+01	4.6748e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.3238e+00	-1.1900e+01	3.5941e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.4172e+00	-1.5719e+01	9.0327e-01
10	0.0000e+00	0.0000e+00	0.0000e+00	4.5165e+00	-1.9349e+01	2.1064e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.9448e-01	-1.8756e+01	8.3434e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8764e+00	-1.2904e+01	1.8559e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.1129e-02	-1.5375e+01	3.6034e+00
9	0.0000e+00	0.0000e+00	0.0000e+00	2.5866e+00	-1.8893e+01	5.6064e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1981e-01	-1.8048e+01	-5.9172e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8353e-01	-1.2984e+01	-1.6284e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.4212e-01	-1.3498e+01	1.1947e+00
8	0.0000e+00	0.0000e+00	0.0000e+00	2.8860e-01	-1.8575e+01	-5.2174e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3123e+00	-1.8041e+01	-1.1503e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6992e+00	-1.3235e+01	-9.6176e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.5035e-01	-1.3322e+01	-2.2231e-01
7	0.0000e+00	0.0000e+00	0.0000e+00	-3.1791e+00	-1.8716e+01	-7.6267e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.9465e+00	-1.8305e+01	-8.2815e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.9832e+00	-1.3546e+01	-6.7069e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.7444e+00	-1.3560e+01	-5.2966e-01

6	0.0000e+00	0.0000e+00	0.0000e+00	-8.6748e+00	-1.9083e+01	-1.9559e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4212e+01	-1.8479e+01	4.5924e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3401e+01	-1.3847e+01	7.3443e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.6896e+00	-1.3839e+01	1.4375e-01
5	0.0000e+00	0.0000e+00	0.0000e+00	8.0519e-01	-1.2572e+01	-1.9252e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.2854e+00	-1.2794e+01	-5.3198e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.3745e-01	-1.7674e+01	-1.2143e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.8460e+00	-1.6711e+01	-2.4297e+00
4	0.0000e+00	0.0000e+00	0.0000e+00	3.1207e-01	-1.3192e+01	-6.5608e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.8208e-01	-1.3129e+01	3.0627e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8478e-01	-1.7972e+01	2.7922e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7874e+00	-1.7944e+01	-6.1174e-01
3	0.0000e+00	0.0000e+00	0.0000e+00	-5.0148e+00	-1.3178e+01	5.0958e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.0476e+00	-1.3198e+01	8.9780e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.1175e+00	-1.8229e+01	8.7657e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.2845e+00	-1.8202e+01	4.9318e-01
2	0.0000e+00	0.0000e+00	0.0000e+00	-9.7754e+00	-1.3332e+01	4.3578e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4571e+01	-1.3714e+01	3.6994e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5434e+01	-1.8630e+01	-2.6514e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-9.7487e+00	-1.8879e+01	3.6916e-01
1	0.0000e+00	0.0000e+00	0.0000e+00	-1.0602e+01	6.8683e+00	8.6118e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.9261e+00	4.3743e+00	7.0854e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1752e+01	-4.1779e+00	6.2773e+00

2.10.10 Condizione "(1) Neve"

Elemento	Nx (kg)	Ny (kg)	Nxy (kg)	Mx (kgxcm)	My (kgxcm)	Mxy (kgxcm)
340	-2.2880e-03	3.8877e-05	-1.4680e-04	2.0821e+00	-5.7696e-01	-1.5585e+00
	-2.7933e-03	-2.8357e-02	-4.4133e-03	-2.0614e+00	-5.0354e+00	-1.0755e+00
	1.3169e-03	-2.8665e-02	-2.6804e-03	3.6989e-01	4.1286e+00	-1.9117e+00
	8.1150e-04	1.0442e-04	-6.7649e-04	1.1487e+00	8.7973e-01	-2.7403e+00
339	-2.9532e-02	1.4197e-03	-2.3278e-04	-2.1396e-01	8.2212e-01	1.9879e+00

	-2.9532e-02	1.2886e-03	-1.4667e-03	1.0522e+00	2.1805e-01	1.7001e+00
	0.0000e+00	-6.2174e-04	3.8146e-04	2.5220e-01	9.2787e-01	1.4257e+00
	0.0000e+00	4.6452e-04	-7.8041e-04	-1.1016e-02	1.3154e+00	1.8293e+00
338	-2.5259e-02	1.7835e-03	-1.0784e-05	2.6817e-01	5.7959e-01	1.0149e+00
	-2.5259e-02	1.7973e-03	-2.2413e-03	9.2979e-01	3.8868e-01	4.5619e-01
	0.0000e+00	-2.5226e-03	-5.3133e-04	3.8145e-01	7.7030e-01	3.9291e-01
	0.0000e+00	-1.0965e-03	-3.5000e-04	-8.2583e-02	1.1785e+00	1.0094e+00
337	-1.7822e-02	1.4610e-03	-7.7681e-04	2.9605e-01	3.6935e-01	1.1647e-01
	-1.7822e-02	4.4147e-04	-2.1457e-03	-8.0523e-01	-2.2685e-01	-1.4336e-01
	0.0000e+00	-4.8338e-03	-4.2645e-04	-2.6103e-01	-5.0617e-01	-5.8855e-01
	0.0000e+00	-2.4954e-03	-5.0344e-04	5.7388e-04	9.8464e-01	-4.8908e-01
336	-1.9141e-02	1.1615e-03	-2.0189e-03	-8.8331e-03	-3.0702e-01	5.7428e-02
	-1.9141e-02	3.8979e-03	1.0524e-04	-5.0928e-02	-1.1487e-01	6.7017e-02
	1.1249e-17	-1.2351e-03	4.7057e-03	8.4498e-03	1.0490e-02	1.4664e-01
	1.3093e-17	-2.9449e-03	1.0287e-03	-3.6463e-02	-6.6535e-02	1.0185e-01
335	-2.0034e-02	1.3641e-03	-1.8187e-03	2.9808e-01	2.6403e-01	-9.4580e-02
	-2.0034e-02	6.1400e-04	-6.1310e-03	2.9539e-01	2.3748e-01	-2.3193e-01
	5.4107e-18	-1.1608e-03	2.4785e-03	2.9335e-01	6.7727e-01	-2.6418e-02
	4.4776e-18	-1.4757e-04	5.3759e-03	-4.0356e-02	9.0873e-02	1.6610e-01
334	-1.0782e-02	3.0718e-05	-2.6786e-04	5.7508e-02	2.1586e-01	-5.1789e-01
	-1.0782e-02	4.5596e-04	1.8451e-03	-1.5767e-01	-2.4785e-01	-4.4334e-01
	0.0000e+00	1.1564e-03	-2.2954e-03	1.0624e-02	-1.6184e-01	-5.4209e-01
	0.0000e+00	8.7854e-04	-5.1698e-03	-6.5829e-02	-5.6765e-02	-6.5313e-01
333	-2.8622e-03	2.0179e-04	-6.2371e-04	-1.3316e-01	-5.2861e-02	-3.7221e-01
	-2.8622e-03	-6.4179e-04	9.4452e-04	-5.9462e-02	-9.6801e-02	-3.1671e-01
	-1.9546e-18	4.2455e-04	-8.1994e-04	1.8778e-02	-9.6373e-02	-2.7382e-01
	-1.6695e-18	1.5523e-03	-2.5903e-03	-8.2695e-02	-1.8564e-01	-3.4731e-01
332	5.3498e-04	-1.0350e-03	4.1523e-04	-1.4478e-02	1.0287e-02	-2.3895e-01
	5.3498e-04	-1.1237e-04	-7.5262e-04	-4.5118e-02	-2.7452e-02	-1.8730e-01
	-1.8466e-18	6.3980e-04	-1.6160e-03	8.5465e-03	-1.1592e-01	-2.1239e-01

	-2.0408e-18	-9.5442e-06	-4.1042e-04	-1.6556e-02	-2.6882e-02	-2.5948e-01
331	4.3816e-03	3.8410e-04	-2.1389e-03	1.6119e-02	2.8899e-03	-1.4349e-01
	4.3816e-03	-8.7240e-04	8.4371e-04	-1.2001e-01	-8.8824e-02	-3.2581e-02
	0.0000e+00	-1.0534e-03	1.7516e-03	-4.6463e-03	-2.8169e-01	-1.0605e-01
	0.0000e+00	9.9764e-05	-9.2147e-04	-6.0152e-03	-5.1165e-02	-2.1171e-01
330	5.0722e-04	-1.0506e-03	1.6832e-03	-2.3582e-01	-1.7667e-02	3.9749e-02
	5.0722e-04	1.6384e-04	-6.2304e-04	8.1496e-03	-2.3615e-02	1.4856e-01
	0.0000e+00	-4.3771e-05	3.8088e-04	1.5664e-02	-1.3947e-01	1.9485e-01
	0.0000e+00	-1.5342e-03	2.7229e-03	-7.7927e-02	-2.2580e-01	6.3612e-02
329	-5.4084e-03	2.1525e-04	-5.5070e-04	-5.5604e-02	3.4287e-03	2.2885e-01
	-5.4084e-03	-7.3059e-04	2.1018e-03	-5.8581e-02	-7.7575e-02	3.0387e-01
	0.0000e+00	-6.3778e-04	3.5222e-03	-2.4004e-02	-2.2953e-01	2.5771e-01
	0.0000e+00	-6.6480e-05	4.8775e-04	-2.6147e-03	-1.1686e-01	1.7244e-01
328	-1.9911e-02	-7.2430e-04	1.9378e-03	-4.8464e-01	-4.4312e-02	2.7689e-01
	-1.9911e-02	8.5095e-05	7.8026e-04	7.7951e-01	-2.5075e-02	8.4813e-02
	0.0000e+00	2.0742e-04	3.3717e-03	1.6884e-01	6.4573e-01	2.9717e-01
	0.0000e+00	-5.6120e-04	4.6163e-03	-1.0455e-01	-1.5555e-01	4.9871e-01
327	-3.3964e-02	6.9688e-05	3.0235e-04	-1.7330e-02	9.9885e-02	-1.1816e-01
	-3.3964e-02	1.0639e-03	7.2602e-04	8.6794e-01	5.1322e-02	-7.7608e-01
	0.0000e+00	1.1509e-03	3.5103e-03	1.7938e-01	1.4024e+00	-6.3133e-01
	0.0000e+00	2.0026e-04	3.2352e-03	-3.0427e-02	8.2564e-01	2.7437e-02
326	-4.2149e-02	1.0794e-03	1.0988e-03	8.5101e-01	2.8799e-01	-1.2421e+00
	-4.2149e-02	9.6110e-04	-8.8936e-04	-4.7184e-02	4.4261e-01	-1.9115e+00
	0.0000e+00	9.6808e-04	-3.0606e-04	6.0845e-02	2.1142e+00	-1.7382e+00
	0.0000e+00	1.0934e-03	1.8665e-03	5.1965e-02	1.6383e+00	-1.0757e+00
325	-3.6198e-02	9.3806e-04	-2.1796e-03	4.1448e+00	8.6790e-01	-1.9508e+00
	-3.6198e-02	-2.6834e-03	-2.2547e-03	-5.9620e+00	-1.9919e+00	-7.2973e-01
	0.0000e+00	-2.6834e-03	-1.8859e-03	-9.2626e-01	2.3512e+00	-1.4201e+00
	0.0000e+00	9.4452e-04	-1.6525e-03	4.1461e-01	2.1354e+00	-2.6436e+00
324	0.0000e+00	1.7929e-03	-5.7325e-03	1.1330e-02	-1.3619e-01	-8.1628e-01

	0.0000e+00	-2.9506e-03	1.5389e-03	-1.6359e-02	3.9786e-01	-8.3153e-01
	-8.2396e-03	-3.9072e-04	-1.0414e-03	-1.0058e-02	1.5566e-01	-5.2072e-01
323	-3.3562e-03	-2.3085e-02	3.7579e-03	3.0375e+00	4.6226e+00	-1.8023e+00
	-1.8295e-03	-8.5385e-04	-2.1824e-03	-2.1702e+00	-3.8485e-02	-2.4281e+00
	-3.3865e-06	1.1304e-03	2.6285e-03	-4.1038e-01	-2.0289e+00	-3.4792e+00
	1.5233e-03	-2.3156e-02	4.1174e-03	3.0023e-01	-5.5173e+00	-2.0547e+00
322	0.0000e+00	-3.3584e-04	-9.2824e-04	-6.9577e-02	-7.1005e-01	2.3117e+00
	0.0000e+00	-3.1016e-03	-2.5321e-03	-2.3920e-01	-6.8695e-01	2.0349e+00
	-2.2159e-02	2.3929e-03	3.8019e-03	-8.4267e-01	-9.6534e-01	2.2300e+00
	-2.2159e-02	2.4114e-03	6.4152e-04	-8.2732e-02	-1.5631e+00	2.3127e+00
321	9.2122e-18	-3.5134e-03	-2.2927e-03	7.1643e-02	-6.0932e-01	1.4947e+00
	1.0028e-17	-5.7145e-03	-2.0666e-03	-3.2606e-01	-1.1796e+00	1.4273e+00
	-1.7589e-02	3.7940e-03	4.6052e-03	-4.2266e-01	-8.5105e-01	1.0119e+00
	-1.7589e-02	3.2634e-03	1.3304e-03	-3.0220e-01	-5.5087e-01	1.2342e+00
320	0.0000e+00	1.1662e-03	4.3278e-03	-2.0340e-01	-4.1864e-01	1.8788e-01
	0.0000e+00	-1.8879e-04	1.3666e-03	2.4629e-02	-3.1763e-01	-1.3382e-01
	-1.0681e-02	-1.8879e-04	1.0793e-04	-4.2931e-03	-2.3142e-02	1.7872e-02
	-1.0681e-02	2.9357e-04	1.2177e-03	-5.9538e-01	-1.8465e-01	2.5273e-01
319	0.0000e+00	-1.8879e-04	1.3068e-03	7.3921e-04	-2.9082e-01	-8.7505e-02
	0.0000e+00	-8.8069e-04	1.2874e-03	-1.5104e-01	-3.2118e-01	-3.7520e-01
	-3.2001e-03	-4.7895e-06	6.1332e-04	-3.9738e-01	-1.8526e-02	-3.7851e-01
	-3.2001e-03	-1.8879e-04	6.7295e-05	-1.0029e-01	8.7654e-03	-1.7156e-01
318	0.0000e+00	-5.2619e-04	7.8580e-04	4.3532e-02	-4.9950e-01	-6.2776e-01
	0.0000e+00	-1.2426e-03	1.8843e-03	-1.8064e-01	-2.7451e-01	-8.6173e-01
	1.9482e-03	-4.7430e-04	6.5229e-04	-4.3202e-01	-3.3575e-01	-8.8152e-01
	1.9482e-03	-1.4203e-04	-1.0201e-04	-1.3509e-01	-2.6545e-01	-6.5248e-01
317	0.0000e+00	-3.5576e-04	1.2568e-03	4.5002e-02	-3.9585e-01	-1.2534e+00
	0.0000e+00	-9.4646e-04	1.5950e-03	-4.0477e-02	-4.6993e-01	-1.2317e+00
	5.8475e-03	-1.5049e-03	-1.2407e-03	-1.3029e-02	-4.5140e-01	-1.4033e+00
	5.8475e-03	-7.2808e-04	-5.4590e-04	-3.8086e-02	-1.6609e-01	-1.3174e+00

316	0.0000e+00	-2.5771e-03	-3.7182e-03	-4.7078e-02	-7.9794e-01	-1.3649e+00
	0.0000e+00	-7.6583e-03	-3.3209e-03	7.6006e-02	-4.4355e+00	-1.3831e+00
	2.2351e-03	-7.6583e-03	-2.7710e-04	1.3351e+00	2.5730e+00	-1.6446e+00
	2.2351e-03	-2.0279e-05	-2.0499e-04	-1.6952e+00	-2.5526e-01	-1.7625e+00
315	0.0000e+00	-2.6720e-03	-3.3273e-03	3.0541e-02	-3.8545e-01	4.7888e-01
	0.0000e+00	1.0642e-03	4.1807e-03	1.4338e-02	-7.4006e-01	5.9042e-01
	-9.6669e-03	2.3039e-04	1.3024e-03	8.9758e-02	-3.9090e-02	3.3724e-01
314	3.0514e-18	9.8160e-05	1.1022e-03	1.4244e-02	-4.5089e-01	-1.3398e+00
	2.6210e-18	-1.0722e-03	-1.9266e-03	6.3184e-03	-7.4592e-01	-1.2916e+00
	4.0930e-03	-7.4004e-04	-6.7169e-04	4.1126e-02	-3.0171e-01	-1.5046e+00
313	-3.4827e-03	-2.3617e-02	5.1659e-03	-2.5016e+00	-4.2717e+00	1.5331e+00
	-1.7326e-03	-5.1645e-04	-1.3873e-03	2.0673e+00	-3.4753e-02	2.0624e+00
	-4.7439e-06	1.3371e-03	3.1089e-03	5.6944e-01	1.8025e+00	2.9996e+00
	1.7453e-03	-2.3899e-02	5.0719e-03	-1.6322e-01	5.0343e+00	1.6972e+00
312	0.0000e+00	-2.9376e-04	-1.2192e-03	5.5136e-02	7.6134e-01	-1.8389e+00
	0.0000e+00	-3.3061e-03	-2.5219e-03	2.5501e-01	7.1075e-01	-1.5266e+00
	-2.4723e-02	2.8093e-03	4.5533e-03	7.3549e-01	8.4728e-01	-1.7365e+00
	-2.4723e-02	2.7639e-03	5.4073e-04	1.6979e-01	1.5240e+00	-1.8628e+00
311	1.2235e-17	-3.9922e-03	-2.1230e-03	-3.5967e-02	5.4136e-01	-9.1271e-01
	1.3246e-17	-7.2264e-03	-1.3811e-03	1.1310e-01	2.8718e-01	-8.5314e-01
	-1.7830e-02	3.5486e-03	4.9114e-03	2.0190e-01	3.9155e-01	-8.5270e-01
	-1.7830e-02	3.6872e-03	1.0790e-03	1.2582e-01	5.1155e-01	-1.0054e+00
310	0.0000e+00	1.0374e-03	4.4065e-03	1.9916e-02	1.2272e-01	-6.1618e-01
	0.0000e+00	-2.4624e-04	3.4241e-04	1.0980e-01	7.6713e-01	-2.0422e-01
	-1.1527e-02	-2.4624e-04	-1.0770e-03	5.0677e-01	-1.2011e-01	-1.1028e-01
	-1.1527e-02	5.3260e-05	9.8895e-04	7.5773e-03	2.6227e-02	-4.5391e-01
309	0.0000e+00	-2.4624e-04	2.8294e-04	-4.0347e-02	8.7579e-01	-8.7524e-02
	0.0000e+00	1.0468e-04	1.1196e-03	4.9113e-01	1.1668e+00	7.2074e-01
	-8.8211e-03	1.2940e-03	9.9503e-04	1.3404e+00	3.0646e-01	7.9705e-01
	-8.8211e-03	-2.4624e-04	-1.4001e-03	1.3328e-01	2.1323e-01	2.2570e-01

308	0.0000e+00	-5.1126e-04	1.9912e-03	4.8570e-02	1.3686e+00	1.8095e+00
	0.0000e+00	-4.1066e-03	2.5091e-03	-2.7960e-01	-6.3520e-01	2.0484e+00
	-2.3283e-03	-7.0412e-04	9.2434e-04	-7.0054e-01	-9.8337e-02	1.4847e+00
	-2.3283e-03	1.1900e-03	-4.8065e-06	3.6078e-01	3.2781e-01	1.0926e+00
307	0.0000e+00	-1.2373e-03	4.7891e-04	-6.8941e-02	5.1780e-02	1.2929e+00
	0.0000e+00	-3.3014e-05	5.5231e-04	4.1200e-02	3.6831e-01	1.1762e+00
	2.0597e-03	-3.4976e-04	-3.8992e-04	1.7757e-02	1.6833e-01	1.4566e+00
	2.0597e-03	-1.4485e-03	-9.9433e-05	-3.8070e-02	-3.8230e-01	1.4519e+00
306	0.0000e+00	-2.7726e-03	-2.9336e-03	-3.7488e-02	5.5429e-01	1.1948e+00
	0.0000e+00	-6.8128e-03	-3.0140e-03	1.2694e-03	3.7708e+00	1.2802e+00
	1.6968e-03	-6.8128e-03	7.5788e-04	-8.1183e-01	-2.1200e+00	1.5859e+00
	1.6968e-03	3.9572e-04	1.1945e-03	1.0844e+00	1.4729e-01	1.6063e+00
305	0.0000e+00	-3.0106e-03	-3.1279e-03	-2.7997e-02	1.5362e-01	-5.3131e-01
	0.0000e+00	8.7292e-04	4.1692e-03	-1.4519e-02	4.0961e-01	-6.3617e-01
	-9.3955e-03	6.2105e-06	1.2906e-03	-8.5032e-02	-1.4369e-01	-4.4797e-01
304	2.8802e-18	3.1732e-04	3.8705e-04	-3.0062e-03	2.3671e-01	1.2923e+00
	2.7232e-18	-9.1130e-04	-7.1778e-04	1.9510e-03	5.1767e-01	1.2884e+00
	1.4930e-03	-5.6264e-04	1.0832e-05	-2.1104e-03	1.8176e-01	1.4793e+00
303	-7.8969e-03	1.0841e-03	-6.3612e-03	-1.4294e+00	2.9347e-01	-9.4537e-01
	-8.4757e-03	-3.5628e-02	-1.1417e-02	-2.6711e-01	1.5062e+00	-6.9416e-01
	2.4337e-03	-3.6738e-02	-5.0175e-03	-3.9732e-01	-6.2587e-01	-3.0283e-01
	1.8550e-03	4.5715e-04	-2.8928e-03	-3.5403e-01	1.4050e-01	-4.6529e-01
302	-4.6367e-02	1.9317e-03	-2.1916e-03	1.1935e-01	-6.0634e-02	3.3783e-01
	-4.6367e-02	1.0393e-03	-5.0747e-03	1.3760e-01	-3.0465e-02	1.8506e-01
	0.0000e+00	5.8657e-04	1.7507e-03	7.7021e-02	1.1501e-01	2.2421e-01
	0.0000e+00	1.7053e-03	8.7233e-04	-1.1238e-02	4.9861e-02	3.9287e-01
301	-3.3069e-02	1.6503e-03	-1.9757e-03	6.7484e-02	1.0776e-01	9.2368e-02
	-3.3069e-02	4.3373e-04	-5.6059e-03	1.6509e-01	6.4376e-02	-2.6714e-02
	0.0000e+00	-3.0401e-03	-1.1263e-03	7.1927e-02	1.4106e-01	-4.4277e-02
	0.0000e+00	-6.6565e-04	-1.7871e-04	-1.6411e-02	2.4436e-01	8.3433e-02

300	-1.6205e-02	3.3649e-04	-1.6015e-03	6.1501e-02	8.1896e-02	-1.0149e-01
	-1.6205e-02	-1.8436e-04	-3.8777e-03	-1.0757e-01	-3.3769e-02	-1.6141e-01
	0.0000e+00	-4.5808e-03	-2.0064e-03	-2.9854e-02	-6.7243e-02	-2.3999e-01
	0.0000e+00	-2.9608e-03	-1.0448e-03	-3.5700e-03	1.9814e-01	-2.0560e-01
299	-7.7260e-03	-5.7754e-05	-1.0289e-03	5.4451e-02	3.7635e-02	-2.1827e-01
	-7.7260e-03	1.6650e-03	-4.6470e-04	1.5625e-01	9.9315e-02	-2.6547e-01
	2.4666e-18	-2.2230e-03	2.7286e-04	9.0486e-02	1.8481e-01	-1.9426e-01
	3.1748e-18	-3.1682e-03	-9.1815e-04	-2.1709e-02	4.8951e-02	-1.4006e-01
298	-5.0453e-03	4.7978e-04	-1.0784e-04	-7.9157e-03	9.2178e-02	-2.9280e-01
	-5.0453e-03	3.2167e-04	-1.8026e-03	-1.6798e-01	-1.6301e-01	-2.8984e-01
	5.0087e-19	-1.4228e-03	-3.1554e-04	-6.4860e-02	-1.8658e-01	-4.3349e-01
	6.9803e-20	-1.0060e-03	1.0229e-03	7.0634e-03	8.3188e-02	-4.4034e-01
297	-6.8353e-04	-5.9514e-04	-2.4884e-04	-1.4635e-01	-1.4404e-01	-6.6097e-02
	-6.8353e-04	-7.4890e-05	1.4462e-04	-7.0222e-02	-1.6238e-01	-8.0421e-03
	0.0000e+00	1.8042e-03	-1.4845e-03	1.1774e-02	-1.0471e-01	4.7479e-02
	0.0000e+00	1.6793e-03	-1.9262e-03	-8.5793e-02	-2.0088e-01	-2.5492e-02
296	5.9432e-03	2.7606e-04	-2.3409e-03	-1.8964e-01	-5.9072e-02	1.4008e-01
	5.9432e-03	-1.2927e-03	1.4437e-04	1.8731e-02	4.7661e-02	1.3651e-01
	-1.1243e-19	-1.5387e-04	6.4491e-04	1.1188e-02	8.7355e-02	2.3989e-01
	2.2018e-19	1.7184e-03	-1.4206e-03	-7.4067e-02	-1.2750e-01	2.1944e-01
295	7.3089e-03	-1.6134e-03	8.4995e-05	2.1167e-01	8.4592e-02	1.1068e-01
	7.3089e-03	-4.2363e-04	-2.2465e-04	-4.2230e-02	2.4111e-02	1.0430e-01
	1.0514e-18	-2.5594e-04	9.8034e-04	-1.1208e-02	-3.8337e-02	2.2090e-02
	9.1845e-19	-1.3848e-03	1.8062e-03	7.2676e-02	1.3499e-01	5.3136e-02
294	2.4986e-03	-4.1240e-05	2.1854e-04	1.0522e-03	-2.3314e-02	7.9251e-02
	2.4986e-03	-2.0817e-04	4.8143e-04	-5.2941e-02	-7.1541e-02	1.2922e-01
	0.0000e+00	-4.8260e-04	1.3450e-03	-2.6472e-03	-1.4204e-01	9.7953e-02
	0.0000e+00	-4.7229e-04	1.2586e-03	-4.7867e-03	-4.8260e-02	4.8935e-02
293	-3.0735e-03	-2.6345e-04	1.2827e-03	-2.1545e-01	-2.8235e-02	1.7195e-01
	-3.0735e-03	-8.5664e-06	-1.6115e-04	1.4266e-01	-2.4880e-02	1.5811e-01

	0.0000e+00	-1.4610e-04	3.2279e-04	2.8772e-02	1.0723e-01	2.3439e-01
	0.0000e+00	-5.8382e-04	1.5495e-03	-6.1939e-02	-1.2770e-01	2.3136e-01
292	-9.7768e-03	-5.6052e-05	4.1843e-04	-3.3617e-02	2.3168e-02	1.3985e-01
	-9.7768e-03	-9.5535e-04	2.9501e-03	2.1714e-01	3.8550e-02	1.1360e-02
	0.0000e+00	-9.1665e-04	3.6741e-03	5.1516e-02	3.3307e-01	6.2369e-02
	0.0000e+00	-1.7354e-04	4.5194e-04	-1.0303e-02	1.3590e-01	2.0478e-01
291	-2.8469e-02	-9.6032e-04	2.5520e-03	2.7607e-01	3.8331e-02	-3.5879e-02
	-2.8469e-02	4.0264e-05	1.6490e-03	-1.8959e-01	-6.4951e-03	-1.2049e-01
	0.0000e+00	1.5484e-04	4.2051e-03	-4.6143e-02	-3.1885e-02	-2.1812e-01
	0.0000e+00	-8.0755e-04	5.2327e-03	5.5559e-02	3.1147e-01	-1.3819e-01
290	-4.7457e-02	2.3547e-05	1.0814e-03	1.6067e-02	-4.1337e-02	-1.2473e-01
	-4.7457e-02	1.4682e-03	1.2275e-03	-6.2473e-02	-2.9461e-02	-8.8861e-02
	0.0000e+00	1.5549e-03	4.1194e-03	-1.3733e-02	-1.4895e-01	-1.0418e-01
	0.0000e+00	1.5357e-04	4.1809e-03	6.1656e-03	-7.9240e-02	-1.4038e-01
289	-5.9916e-02	1.4971e-03	1.9436e-03	-2.1736e-01	-7.1071e-02	-4.2435e-02
	-5.9916e-02	1.8100e-03	4.8372e-04	2.9173e-01	-8.4120e-02	-8.8871e-02
	0.0000e+00	1.7973e-03	2.0640e-05	3.7550e-02	-1.8384e-01	-9.4543e-02
	0.0000e+00	1.4717e-03	1.7427e-03	-1.6182e-02	-1.7685e-01	-4.7062e-02
288	-4.4831e-02	1.7337e-03	-3.8072e-03	-1.0242e+00	-4.0303e-01	-2.3427e-02
	-4.4831e-02	-7.6583e-03	-1.0147e-02	1.9673e+00	-2.3241e-02	-6.9622e-01
	0.0000e+00	-7.6583e-03	-8.3533e-03	2.2513e-01	-1.3684e+00	-8.5152e-01
	0.0000e+00	1.7651e-03	-1.8174e-03	7.1287e-03	-3.8979e-01	-1.8010e-01
287	0.0000e+00	1.1452e-03	-1.5975e-03	3.4023e-03	-1.7589e-01	-2.4938e-01
	0.0000e+00	-1.5397e-03	-3.7689e-04	-3.3079e-03	-4.5714e-02	-2.4960e-01
	-1.3831e-03	-9.0742e-05	-2.7502e-04	1.8878e-04	-9.7933e-02	-1.7573e-01
262	0.0000e+00	0.0000e+00	0.0000e+00	-2.8940e+00	-1.0407e-01	4.4891e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7672e+00	2.0584e+00	-1.4659e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1419e+00	6.2578e-01	8.8756e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.5206e+00	1.9595e-01	1.4630e+00
261	0.0000e+00	0.0000e+00	0.0000e+00	-2.8105e+00	2.5863e+00	1.9376e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-2.8056e+00	2.0326e+00	-2.0593e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7629e+00	1.1683e+00	-1.8726e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5108e+00	5.9161e-01	2.2597e-01
260	0.0000e+00	0.0000e+00	0.0000e+00	-2.6136e+00	1.7054e+00	-1.9703e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5996e+00	1.2621e+00	-2.9248e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0187e+00	1.0224e+00	-5.9862e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3802e+00	1.3646e+00	-4.9700e-01
259	0.0000e+00	0.0000e+00	0.0000e+00	-1.8703e+00	9.8054e-01	-3.1751e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.3490e-01	5.7435e-01	-4.7776e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5399e+00	2.8881e-01	-8.9990e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5247e+00	9.7255e-01	-7.3455e-01
258	0.0000e+00	0.0000e+00	0.0000e+00	1.0349e+00	-1.4552e+00	8.9566e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3641e+00	-1.7339e+00	6.2138e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.5019e-01	-1.8326e+00	4.1261e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.5239e-01	-1.7937e+00	6.7050e-01
257	0.0000e+00	0.0000e+00	0.0000e+00	9.6715e-01	-1.7691e+00	2.5006e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6334e-01	-1.3959e+00	7.2766e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.8283e-01	-2.0217e+00	1.9620e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.5027e-01	-1.8615e+00	3.8849e-01
256	0.0000e+00	0.0000e+00	0.0000e+00	-2.1379e-01	-1.4820e+00	2.2405e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.5759e-01	-1.5502e+00	3.2975e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1429e-01	-2.0785e+00	2.2915e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.8763e-02	-1.9867e+00	1.2166e-01
255	0.0000e+00	0.0000e+00	0.0000e+00	-3.9042e-01	-1.5685e+00	4.3798e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1084e-01	-1.9728e+00	2.9030e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.0342e-01	-2.2163e+00	3.0051e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.7377e-01	-2.2141e+00	1.7399e-01
254	0.0000e+00	0.0000e+00	0.0000e+00	-1.7686e-01	-2.0020e+00	-6.6376e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-9.3641e-01	-1.8274e+00	-3.1565e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0544e+00	-2.3316e+00	-2.2212e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-6.9322e-01	-2.3010e+00	2.5422e-02
253	0.0000e+00	0.0000e+00	0.0000e+00	-1.3410e+00	-1.9113e+00	-3.7677e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7618e+00	-1.7057e+00	-3.1449e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6753e+00	-2.2231e+00	-1.6506e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2525e+00	-2.2487e+00	-2.3198e-01
252	0.0000e+00	0.0000e+00	0.0000e+00	-1.7033e+00	-1.6015e+00	-2.4933e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3537e+00	-1.7171e+00	-5.2421e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1486e+00	-2.1615e+00	-4.9802e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6249e+00	-2.3146e+00	-2.0845e-01
251	0.0000e+00	0.0000e+00	0.0000e+00	-1.5581e+00	-1.7151e+00	-1.0376e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.9484e+00	-1.2027e+00	-1.2999e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.9395e+00	-1.7732e+00	-7.3955e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1560e+00	-2.0782e+00	-5.0242e-01
250	0.0000e+00	0.0000e+00	0.0000e+00	-3.9939e+00	-1.2685e+00	-1.2289e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.9744e+00	-5.7617e-01	-8.9409e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.9681e+00	-1.5417e+00	-4.7591e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1087e+00	-1.4991e+00	-8.1267e-01
249	0.0000e+00	0.0000e+00	0.0000e+00	-1.1218e+00	-3.6148e+00	2.4372e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0251e+00	-3.2971e+00	-4.3445e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2956e+00	-2.5606e+00	-6.0233e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9138e+00	-3.2322e+00	6.0030e-01
248	0.0000e+00	0.0000e+00	0.0000e+00	-2.1441e+00	-2.8486e+00	-8.1079e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1635e+00	-1.9256e+00	-1.9803e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.3470e+00	-2.3233e+00	-1.4936e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7500e+00	-2.7565e+00	-3.5804e-01
247	0.0000e+00	0.0000e+00	0.0000e+00	-2.2944e+00	-2.0548e+00	-2.5118e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4279e+00	-7.1460e-01	-3.2460e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6246e+00	-1.5549e+00	-2.6825e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2843e+00	-1.7524e+00	-1.8999e+00
246	0.0000e+00	0.0000e+00	0.0000e+00	-1.7690e+00	-2.5597e+00	2.4564e+00

	0.0000e+00	0.0000e+00	0.0000e+00	-9.7738e-01	-3.5440e+00	1.9927e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6576e+00	-2.2228e+00	1.3252e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4326e+00	-2.1057e+00	1.9436e+00
245	0.0000e+00	0.0000e+00	0.0000e+00	-2.7406e+00	-1.8573e+00	-7.9541e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.9822e+00	-1.4043e+00	-1.7498e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.4316e+00	-7.4959e-01	-1.0748e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.8901e+00	-1.5381e+00	-2.2778e-01
244	0.0000e+00	0.0000e+00	0.0000e+00	-1.0763e+00	-4.7891e+00	6.6761e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.1608e-01	-5.0269e+00	3.7622e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0559e+00	-4.1552e+00	1.0257e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3914e+00	-3.9084e+00	3.9495e-01
243	0.0000e+00	0.0000e+00	0.0000e+00	-8.1374e-01	-4.9693e+00	3.5171e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.0725e-02	-5.1143e+00	2.2116e-04
	0.0000e+00	0.0000e+00	0.0000e+00	-5.8992e-01	-3.7715e+00	8.5849e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0233e+00	-4.0745e+00	4.7330e-01
242	0.0000e+00	0.0000e+00	0.0000e+00	-3.6762e+00	-4.2591e-01	4.3497e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.1875e+00	-3.9176e-01	9.3440e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.1692e+00	3.6616e-02	3.7596e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.1942e+00	-4.7613e-01	6.8705e-01
241	0.0000e+00	0.0000e+00	0.0000e+00	-2.6035e-01	-5.2478e+00	-5.5376e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.0563e-01	-5.1522e+00	-7.4949e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2152e-01	-4.0498e+00	-6.3478e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7734e-01	-4.1575e+00	-4.3814e-01
240	0.0000e+00	0.0000e+00	0.0000e+00	3.7534e-02	-5.0568e+00	-7.0871e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.9396e-01	-4.9747e+00	-1.0835e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0928e-01	-3.0569e+00	-5.4917e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5212e-01	-3.9196e+00	-1.8904e-01
239	0.0000e+00	0.0000e+00	0.0000e+00	-2.6038e+00	2.7751e-01	1.0151e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.8710e+00	4.7769e-01	1.1919e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.4665e+00	3.8243e-01	1.3051e+00

	0.0000e+00	0.0000e+00	0.0000e+00	-2.4744e+00	2.8315e-01	1.1557e+00
238	0.0000e+00	0.0000e+00	0.0000e+00	-2.3227e+00	-5.1021e+00	3.3164e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4256e+00	-5.1528e+00	1.3254e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7621e+00	-3.9169e+00	-9.4802e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4477e+00	-3.6906e+00	1.5971e-01
237	0.0000e+00	0.0000e+00	0.0000e+00	-2.0349e+00	-3.5846e+00	1.5146e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2998e+00	-4.7217e+00	1.1272e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5952e+00	-3.5098e+00	7.8177e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6830e+00	-3.0007e+00	3.9139e-01
236	0.0000e+00	0.0000e+00	0.0000e+00	-7.2706e-01	-5.5002e+00	4.0610e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.5498e-01	-5.9980e+00	2.3532e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0412e+00	-4.1849e+00	-9.8552e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0715e+00	-4.1482e+00	7.0869e-02
235	0.0000e+00	0.0000e+00	0.0000e+00	-8.7984e-01	-5.9345e+00	-5.8878e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9305e-01	-5.4605e+00	-7.4691e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.5988e-01	-4.0177e+00	-3.9132e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.5277e-01	-4.1093e+00	-2.2916e-01
234	0.0000e+00	0.0000e+00	0.0000e+00	6.7313e-02	-5.1999e+00	-1.3943e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.9613e-01	-5.2373e+00	-1.1421e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2691e-01	-3.3773e+00	1.5757e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3032e-01	-3.6360e+00	1.8490e-02
233	0.0000e+00	0.0000e+00	0.0000e+00	-3.1575e-01	-4.9055e+00	-9.8791e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.8757e-01	-3.8434e+00	-9.1856e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.9592e-01	-2.9912e+00	-8.5210e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.4541e-02	-3.1491e+00	-1.5229e-01
232	0.0000e+00	0.0000e+00	0.0000e+00	3.7781e-01	-2.1855e+00	3.0790e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.6112e-03	-2.0699e+00	1.3159e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0166e-01	-3.1507e+00	-7.5064e-02
	0.0000e+00	0.0000e+00	0.0000e+00	2.0497e-02	-2.7199e+00	1.0388e-01
231	0.0000e+00	0.0000e+00	0.0000e+00	8.5677e-01	-1.9935e+00	4.9637e-01

	0.0000e+00	0.0000e+00	0.0000e+00	6.2494e-01	-2.1722e+00	3.5686e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.5080e-01	-2.6033e+00	2.2510e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.5410e-01	-2.5855e+00	3.6051e-01
230	0.0000e+00	0.0000e+00	0.0000e+00	-7.0731e-02	-2.1807e+00	8.2709e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5183e-01	-2.2665e+00	1.0198e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7385e-01	-3.4083e+00	-7.5105e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0302e-01	-3.2191e+00	-9.3833e-02
229	0.0000e+00	0.0000e+00	0.0000e+00	-4.7317e-01	-2.3159e+00	4.3182e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.8340e-01	-2.5402e+00	-7.0638e-03
	0.0000e+00	0.0000e+00	0.0000e+00	-7.6027e-01	-3.4151e+00	-1.0220e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.2858e-01	-3.4905e+00	-5.4681e-02
228	0.0000e+00	0.0000e+00	0.0000e+00	-8.0875e-01	-2.5956e+00	-1.1523e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1586e+00	-2.4681e+00	-1.5631e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2130e+00	-3.5944e+00	-1.6041e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.4732e-01	-3.4571e+00	-1.2273e-01
227	0.0000e+00	0.0000e+00	0.0000e+00	-1.2550e+00	-2.5147e+00	-2.4004e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6828e+00	-2.4531e+00	-1.7206e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6137e+00	-3.4305e+00	-3.9108e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1435e+00	-3.5767e+00	-1.0681e-01
226	0.0000e+00	0.0000e+00	0.0000e+00	-1.7830e+00	-2.4057e+00	-2.5673e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2615e+00	-2.4306e+00	-3.3137e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4164e+00	-2.9322e+00	-4.0168e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8231e+00	-3.4084e+00	3.9066e-02
225	0.0000e+00	0.0000e+00	0.0000e+00	-2.2702e+00	-2.4261e+00	-5.1721e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.0147e+00	-1.9915e+00	-5.3804e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.0053e+00	-2.5406e+00	-6.3445e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2549e+00	-2.8148e+00	-6.0626e-02
224	0.0000e+00	0.0000e+00	0.0000e+00	-1.4200e+00	-5.2510e+00	2.4078e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0646e+00	-5.4512e+00	1.2236e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2043e+00	-4.0815e+00	-9.9131e-02

	0.0000e+00	0.0000e+00	0.0000e+00	-1.5868e+00	-3.9382e+00	2.6511e-02
223	0.0000e+00	0.0000e+00	0.0000e+00	-2.8653e-01	-5.4353e+00	-4.0830e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3396e-01	-5.2680e+00	-4.3528e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5257e-01	-3.7285e+00	-2.2145e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4343e-01	-3.9017e+00	-1.8963e-01
222	0.0000e+00	0.0000e+00	0.0000e+00	-2.4979e-01	-4.1208e-01	-4.5531e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.4338e-01	7.7036e-02	6.7170e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.2433e-01	1.0413e+00	8.3869e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4375e+00	1.1028e+00	-3.9447e-01
221	0.0000e+00	0.0000e+00	0.0000e+00	-6.3762e-01	9.9543e-01	5.8826e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.1539e-02	6.4200e-01	1.3572e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5793e-01	5.6169e-01	1.9567e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4857e+00	2.0120e-01	6.3656e-01
220	0.0000e+00	0.0000e+00	0.0000e+00	-2.8116e-02	5.1354e-01	1.1681e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.2500e-01	4.2287e-01	-1.3742e-03
	0.0000e+00	0.0000e+00	0.0000e+00	6.9660e-03	7.0029e-01	-8.5204e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7728e-02	8.3656e-01	2.5279e-02
219	0.0000e+00	0.0000e+00	0.0000e+00	2.3460e-01	4.0705e-01	5.8350e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.2894e-01	5.1914e-02	-1.9211e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3566e-01	1.7076e-01	-4.9214e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0351e-01	5.6999e-01	-2.5317e-01
218	0.0000e+00	0.0000e+00	0.0000e+00	9.9231e-01	-8.3847e-02	6.0495e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4534e+00	-6.2930e-01	2.6858e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.6041e-01	-2.9465e-01	-1.2154e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.1600e-01	-2.0590e-01	1.6734e-01
217	0.0000e+00	0.0000e+00	0.0000e+00	1.2256e+00	-7.9283e-01	-6.5737e-02
	0.0000e+00	0.0000e+00	0.0000e+00	5.0284e-01	-6.2331e-01	-1.7900e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.1692e-01	-7.8824e-01	-3.5181e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.7014e-01	-3.7326e-01	-2.1323e-01
216	0.0000e+00	0.0000e+00	0.0000e+00	3.1456e-01	-8.6660e-01	6.7009e-02

	0.0000e+00	0.0000e+00	0.0000e+00	6.7220e-02	-1.0749e+00	3.1206e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.0577e-01	-1.5962e+00	-2.6379e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.9580e-01	-8.8571e-01	-5.1750e-01
215	0.0000e+00	0.0000e+00	0.0000e+00	9.0228e-02	-1.3878e+00	6.0946e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.4231e-01	-2.0747e+00	3.4306e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.6663e-01	-3.2775e+00	-8.6059e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.8820e-01	-2.0504e+00	-7.9522e-01
214	0.0000e+00	0.0000e+00	0.0000e+00	-6.1083e-01	-2.2621e+00	-3.8894e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2937e+00	-2.7356e+00	-4.8981e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.3285e+00	-2.9525e+00	-5.7373e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4181e+00	-3.3192e+00	-5.9329e-01
213	0.0000e+00	0.0000e+00	0.0000e+00	-3.5339e+00	-2.9913e+00	-1.3522e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.7730e-01	-2.7569e-01	-1.3887e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3078e+00	-4.4283e+00	1.4935e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9636e+00	-3.3990e+00	4.0061e-02
212	0.0000e+00	0.0000e+00	0.0000e+00	-1.3683e+00	3.9014e-01	-7.6247e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5933e+00	-1.6503e+00	-1.4288e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0040e+00	-1.9985e+00	6.9992e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8426e+00	-4.2322e+00	4.5146e-02
211	0.0000e+00	0.0000e+00	0.0000e+00	-1.3999e+00	-1.7270e+00	-9.0071e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.9960e+00	-8.5277e-01	-9.2044e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4505e+00	-8.1564e-01	1.8883e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0111e+00	-1.5281e+00	1.2828e-01
210	0.0000e+00	0.0000e+00	0.0000e+00	-3.9831e+00	-5.9944e-01	-3.5832e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.8515e+00	-4.2627e-01	-1.4814e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5603e+00	1.0100e-01	3.5484e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.6957e+00	-4.8771e-01	1.1731e-01
209	0.0000e+00	0.0000e+00	0.0000e+00	5.1466e-01	-4.1916e+00	-2.7567e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.3528e-01	-4.1915e+00	2.9431e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1235e+00	-2.6639e+00	3.9096e-01

	0.0000e+00	0.0000e+00	0.0000e+00	7.9159e-01	-2.8868e+00	-1.7912e-01
208	0.0000e+00	0.0000e+00	0.0000e+00	1.2859e-01	-3.4814e+00	2.6241e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.0319e-01	-3.3241e+00	-2.6831e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3174e+00	-3.9831e+00	-4.0354e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3798e-01	-3.6247e+00	1.3927e-01
207	0.0000e+00	0.0000e+00	0.0000e+00	5.6604e-01	-4.3354e+00	-3.6607e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2448e-01	-5.0723e+00	7.2659e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7007e+00	-3.1006e+00	5.6530e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.5614e-01	-3.1818e+00	-6.1145e-01
206	0.0000e+00	0.0000e+00	0.0000e+00	-3.5679e+00	2.1531e+00	-1.9008e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-9.3525e-03	3.2643e+00	-2.2003e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6652e+00	4.4744e+00	-5.1936e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.0317e+00	1.3170e+00	-5.0601e-02
205	0.0000e+00	0.0000e+00	0.0000e+00	5.3441e+00	-7.8568e-01	2.0316e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.5847e+00	-8.5928e-01	5.7537e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.4373e+00	-1.8656e+00	6.1258e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.0657e+00	-1.1830e+00	1.5842e+00
204	0.0000e+00	0.0000e+00	0.0000e+00	-1.8351e+00	3.1234e+00	-6.5122e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1337e+00	2.9026e+00	-8.0902e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-8.3162e-01	2.4405e+00	-3.5316e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1166e+00	2.2209e+00	-6.2258e-01
203	0.0000e+00	0.0000e+00	0.0000e+00	-1.1078e+00	3.2336e+00	-5.9837e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.2521e-01	3.5543e+00	-3.8044e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0171e-01	4.7651e+00	5.4631e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.9063e-01	2.6897e+00	2.9447e-01
202	0.0000e+00	0.0000e+00	0.0000e+00	4.2261e+00	-4.7968e-01	4.4270e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.9343e+00	2.4619e-01	-6.0982e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.1696e+00	-7.9555e-01	-4.0933e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.6950e+00	2.6259e-01	2.4232e-01
201	0.0000e+00	0.0000e+00	0.0000e+00	-3.6349e-01	2.9275e+00	1.9786e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-2.3073e-01	2.8756e+00	5.3869e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.5870e-01	2.4750e+00	4.4681e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4480e-01	2.6309e+00	1.0679e-01
200	0.0000e+00	0.0000e+00	0.0000e+00	-2.3681e-01	3.3354e+00	-1.7764e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4113e+00	3.6286e+00	-3.1206e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.5487e-01	4.7927e+00	5.8428e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.4251e-01	2.6833e+00	7.6088e-01
199	0.0000e+00	0.0000e+00	0.0000e+00	4.0127e+00	1.6475e+00	9.8592e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.5762e+00	2.1305e+00	-9.7424e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.2743e+00	2.2217e-01	-4.7389e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1689e+00	1.1179e+00	8.6811e-01
198	0.0000e+00	0.0000e+00	0.0000e+00	-2.0658e+00	-1.1994e+00	-9.2681e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.7566e-01	1.8993e-01	-8.7750e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.0973e-01	-1.1665e-01	-7.9938e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7252e+00	-4.4389e-01	1.9245e-01
197	0.0000e+00	0.0000e+00	0.0000e+00	5.8371e+00	2.1296e+00	1.5104e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.6558e-01	1.2076e+00	4.8894e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.5026e+00	-5.8969e-01	2.7332e-01
196	0.0000e+00	0.0000e+00	0.0000e+00	2.3900e-01	9.1140e-01	4.2427e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.5749e-01	-1.8222e-01	2.2316e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.6998e-01	1.3426e+00	3.7176e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.8672e-01	5.3941e-01	2.4514e-01
195	0.0000e+00	0.0000e+00	0.0000e+00	-1.1209e+00	-2.6860e-01	2.2828e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7533e-01	1.2690e-01	-1.3420e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2581e-01	5.9587e-01	-2.9641e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1010e+00	1.1613e+00	1.4402e-01
194	0.0000e+00	0.0000e+00	0.0000e+00	9.0617e-01	-8.6272e-01	4.2131e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.6354e-01	-1.5028e+00	3.0091e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2017e-02	-8.3539e-01	-3.4854e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.1904e-01	-3.9631e-01	-3.0889e-01

193	0.0000e+00	0.0000e+00	0.0000e+00	-6.2250e-02	-1.3617e+00	-5.7536e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1406e+00	-1.0455e+00	-9.9072e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.6377e-01	-3.2356e-01	-4.7016e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1348e-01	-8.1486e-01	-2.0538e-01
192	0.0000e+00	0.0000e+00	0.0000e+00	5.1658e-01	-3.7279e-01	-3.2975e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.8091e-01	-4.3715e-02	-5.4950e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.8357e-02	-2.7970e-01	-6.9134e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.2974e-01	2.6055e-01	-4.6330e-01
191	0.0000e+00	0.0000e+00	0.0000e+00	5.7118e-01	5.4988e-02	9.2013e-03
	0.0000e+00	0.0000e+00	0.0000e+00	7.9572e-01	-2.7589e-01	-2.5904e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.1567e-01	3.0971e-01	-2.2728e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.5950e-01	-6.8269e-02	-9.0385e-03
190	0.0000e+00	0.0000e+00	0.0000e+00	3.5058e-01	-9.8267e-02	-5.9901e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.7654e-01	-2.9025e-01	-8.0394e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4265e-01	4.3827e-03	-7.6385e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.7445e-01	-2.3989e-01	-5.8825e-01
189	0.0000e+00	0.0000e+00	0.0000e+00	-6.9224e-01	-6.0292e-02	-1.0998e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5038e-01	4.5378e-01	-1.3824e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0739e+00	1.1801e+00	-5.6458e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.6374e-01	3.1558e-01	-3.3782e-01
188	0.0000e+00	0.0000e+00	0.0000e+00	-1.7052e+00	3.8232e-01	-1.1167e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4958e+00	3.5628e+00	-1.9200e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8142e-01	3.0655e+00	1.9791e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2870e+00	2.2403e+00	1.1754e-01
187	0.0000e+00	0.0000e+00	0.0000e+00	-9.5936e-01	5.6248e+00	6.8207e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4083e+00	3.2763e+00	1.0102e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5670e+00	2.0818e+00	2.3330e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7692e-01	2.2361e+00	-1.0624e+00
186	0.0000e+00	0.0000e+00	0.0000e+00	-1.3304e+00	3.3296e+00	3.7848e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1991e+00	1.5897e+00	-1.9705e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-2.3391e+00	2.2066e+00	-7.3124e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7394e+00	1.3693e+00	9.7044e-02
185	0.0000e+00	0.0000e+00	0.0000e+00	-1.1983e+00	1.1132e+00	5.2925e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4325e+00	1.2885e+00	1.9865e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.6215e+00	1.3314e+00	-3.9549e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3836e+00	2.1735e+00	1.3812e-01
184	0.0000e+00	0.0000e+00	0.0000e+00	-1.0060e+00	3.6615e-01	-2.9524e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.5388e-01	7.2251e-01	8.6053e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.3058e-01	5.6194e-01	4.2612e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.1378e-01	3.2911e-01	3.6787e-02
183	0.0000e+00	0.0000e+00	0.0000e+00	1.1166e-02	-1.9988e-01	7.5484e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.8530e-01	-7.3347e-01	1.2722e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.8860e-01	3.7763e-05	-4.4799e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.5845e-02	4.7541e-01	-5.2112e-01
182	0.0000e+00	0.0000e+00	0.0000e+00	-2.6958e+00	-8.6660e-01	-7.6796e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5783e+00	-1.1839e+00	-9.1099e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.9440e+00	-2.5091e+00	-1.2503e+00
181	0.0000e+00	0.0000e+00	0.0000e+00	-3.1468e+00	-9.8853e-01	-6.1192e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8285e+00	-6.1217e-01	-4.1754e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6116e+00	-1.1989e+00	1.6453e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1040e+00	-1.4640e+00	-2.2519e-01
180	0.0000e+00	0.0000e+00	0.0000e+00	8.7589e-01	-7.2195e-01	-2.1475e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.6407e-01	-1.8153e-01	7.2333e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2179e+00	9.6302e-01	9.9800e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.0035e+00	8.2361e-01	-2.3679e-02
179	0.0000e+00	0.0000e+00	0.0000e+00	-4.1477e-02	8.4848e-01	5.1045e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3623e-01	6.9548e-01	-8.8084e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-7.3533e-02	6.0110e-01	1.5027e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2698e+00	9.2494e-02	7.0561e-01
178	0.0000e+00	0.0000e+00	0.0000e+00	-1.3821e-02	6.3671e-01	-1.4648e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-2.8333e-01	8.3357e-01	-2.6460e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2407e-01	9.0159e-01	-1.6846e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2665e-01	9.0635e-01	-6.6436e-02
177	0.0000e+00	0.0000e+00	0.0000e+00	-2.3596e-01	1.0211e+00	-2.8723e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.9802e-01	9.3100e-01	-7.8676e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3717e+00	6.3885e-01	-8.2470e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.3777e-01	6.8074e-01	-3.3988e-01
176	0.0000e+00	0.0000e+00	0.0000e+00	1.1744e+00	-1.4755e+00	6.1502e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1366e+00	-1.7414e+00	2.5974e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.3957e-01	-7.7952e-01	5.9954e-03
	0.0000e+00	0.0000e+00	0.0000e+00	8.0261e-01	-6.4468e-01	3.3506e-01
175	0.0000e+00	0.0000e+00	0.0000e+00	7.0360e-01	-1.9039e+00	8.8892e-02
	0.0000e+00	0.0000e+00	0.0000e+00	4.4900e-01	-1.7166e+00	3.4516e-03
	0.0000e+00	0.0000e+00	0.0000e+00	3.9591e-01	-1.1458e+00	-9.7255e-02
	0.0000e+00	0.0000e+00	0.0000e+00	5.1322e-01	-8.1722e-01	5.6477e-03
174	0.0000e+00	0.0000e+00	0.0000e+00	2.0186e-01	-1.8367e+00	5.9068e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-7.4365e-02	-1.6946e+00	2.9043e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.5896e-01	-1.4258e+00	2.0143e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.4840e-01	-1.1449e+00	-2.5396e-02
173	0.0000e+00	0.0000e+00	0.0000e+00	-7.3597e-03	-1.7526e+00	5.9098e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0510e-01	-1.9289e+00	8.5188e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.4615e-01	-1.8358e+00	5.2413e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.3411e-01	-1.5226e+00	2.5962e-01
172	0.0000e+00	0.0000e+00	0.0000e+00	2.3986e-01	-2.0068e+00	9.5667e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2075e+00	-1.2475e+00	1.2696e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.7110e-01	-2.9635e+00	1.1965e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.5010e-01	-2.0023e+00	5.1204e-01
171	0.0000e+00	0.0000e+00	0.0000e+00	-3.6484e-01	-1.0805e+00	2.6532e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.3805e-02	-4.3769e+00	2.1146e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1056e+00	-4.8435e+00	-5.1037e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-6.7696e-01	-4.1740e+00	1.1757e+00
170	0.0000e+00	0.0000e+00	0.0000e+00	3.4602e-01	-2.7888e-01	2.2133e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1218e-01	-6.3831e-01	2.5215e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4901e+00	-7.5403e-01	1.2355e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7586e-01	9.6145e-01	1.2572e+00
169	0.0000e+00	0.0000e+00	0.0000e+00	-2.9957e+00	-4.1227e+00	-1.8131e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7626e+00	-3.0883e+00	-1.9579e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7037e+00	-3.7503e+00	-5.7468e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1340e+00	-4.2274e+00	-7.3166e-01
168	0.0000e+00	0.0000e+00	0.0000e+00	-4.4480e+00	-2.5182e+00	-1.7685e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5549e+00	-1.9959e+00	-1.1449e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2813e+00	-1.1620e+00	4.6978e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.8626e+00	-2.9111e+00	-3.7395e-01
167	0.0000e+00	0.0000e+00	0.0000e+00	-1.0086e+00	-3.3380e+00	-7.4955e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.9691e-01	-2.8104e+00	-6.7376e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.0755e-01	-2.7134e+00	-6.3122e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.5017e-01	-2.3292e+00	-6.7936e-01
166	0.0000e+00	0.0000e+00	0.0000e+00	-5.1260e-01	-2.8404e+00	-8.4733e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5700e-01	-3.1643e+00	-8.8185e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.1702e-01	-3.5109e+00	-1.3049e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1722e-01	-2.5719e+00	-1.2824e+00
165	0.0000e+00	0.0000e+00	0.0000e+00	-9.5844e-02	-3.8301e+00	-8.1398e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.2262e-01	-4.6760e+00	-6.8865e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.4764e+00	-3.3310e+00	-3.1425e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.7954e-01	-3.1455e+00	-1.2494e+00
164	0.0000e+00	0.0000e+00	0.0000e+00	-4.4520e+00	2.1481e+00	-1.6030e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0677e-01	4.4723e+00	-2.4649e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8330e+00	1.9694e+00	-1.0558e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.0264e+00	8.1414e-01	-1.0927e-02
163	0.0000e+00	0.0000e+00	0.0000e+00	2.3540e+00	-2.5368e+00	-8.7457e-01

	0.0000e+00	0.0000e+00	0.0000e+00	2.4516e+00	3.1669e-01	-2.3663e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.5301e+00	2.1184e+00	1.6390e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.0694e+00	8.6648e-02	-4.7501e-01
162	0.0000e+00	0.0000e+00	0.0000e+00	-2.6455e+00	3.1019e+00	-1.6723e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.7777e-01	6.2011e+00	-1.9113e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4113e-01	2.0324e+00	-4.3623e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.0074e+00	2.1475e+00	8.7812e-02
161	0.0000e+00	0.0000e+00	0.0000e+00	-1.8405e+00	6.5346e+00	-1.6055e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8761e-01	5.3765e+00	-7.1868e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.3093e-01	7.0700e+00	7.3112e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.9313e-01	2.8606e+00	-3.7922e-01
160	0.0000e+00	0.0000e+00	0.0000e+00	5.6005e+00	-2.2766e-01	4.8873e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.2259e+00	1.4747e+00	-1.3142e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.3188e+00	-1.3658e+00	-7.0136e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.2192e+00	4.0113e-01	5.3690e-01
159	0.0000e+00	0.0000e+00	0.0000e+00	4.2480e-01	3.7503e+00	1.6976e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.7903e-02	3.4171e+00	4.8835e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.6464e-01	2.7513e+00	2.3233e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.3094e-01	2.9877e+00	-8.3561e-02
158	0.0000e+00	0.0000e+00	0.0000e+00	2.8678e-01	3.7688e+00	-3.7403e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5459e+00	4.0866e+00	-5.9103e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.0297e-01	5.0930e+00	4.0942e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.4707e-01	2.8262e+00	6.0592e-01
157	0.0000e+00	0.0000e+00	0.0000e+00	4.4422e+00	1.7314e+00	1.1754e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.0901e+00	2.3237e+00	-7.2911e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.8105e+00	3.6634e-02	-2.2473e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6311e+00	9.9642e-01	1.1081e+00
156	0.0000e+00	0.0000e+00	0.0000e+00	-3.1204e+00	-2.3870e+00	-1.0657e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3983e+00	-2.8201e+00	6.0421e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6766e+00	-4.2588e+00	3.3634e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-4.9885e+00	-5.5770e+00	5.4444e-01
155	0.0000e+00	0.0000e+00	0.0000e+00	-1.7718e+00	-5.2988e+00	1.3774e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.7184e+00	-3.7922e+00	5.0318e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.3326e+00	-3.5727e+00	1.2871e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.9725e+00	-6.4110e+00	1.3186e+00
154	0.0000e+00	0.0000e+00	0.0000e+00	4.3424e-01	-2.5209e-01	-4.1243e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.4665e-01	-6.1412e-02	-4.9518e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1765e-02	-1.5647e+00	-5.7470e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.4136e-01	-1.1154e+00	-7.2568e-01
153	0.0000e+00	0.0000e+00	0.0000e+00	-1.3753e+00	1.8406e-01	-2.2220e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.0190e-01	-6.4621e-01	-1.3510e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.1212e-01	-7.2117e-01	-3.2981e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.1259e-01	-1.1254e+00	-5.0052e-01
152	0.0000e+00	0.0000e+00	0.0000e+00	1.0983e+00	-1.0087e+00	3.4026e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7340e-01	-1.3474e+00	1.7238e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1153e-01	-1.0541e+00	-1.5290e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.1227e-01	-8.3785e-01	-1.3931e-02
151	0.0000e+00	0.0000e+00	0.0000e+00	-7.5246e-02	-1.1446e+00	-6.2770e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0798e+00	-8.5447e-01	-1.0157e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.0891e-01	-3.3619e-01	-4.0586e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.9920e-02	-9.4935e-01	-1.9417e-01
150	0.0000e+00	0.0000e+00	0.0000e+00	4.1720e-01	-7.7417e-01	-9.1248e-02
	0.0000e+00	0.0000e+00	0.0000e+00	4.9343e-01	-4.6623e-01	-1.4128e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.3584e-01	-3.9912e-01	-3.2537e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.3511e-01	1.9608e-01	-2.6756e-01
149	0.0000e+00	0.0000e+00	0.0000e+00	6.1232e-01	-3.5248e-01	8.4382e-02
	0.0000e+00	0.0000e+00	0.0000e+00	6.3662e-01	-6.7319e-01	-1.1799e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.8029e-01	2.1689e-01	-8.6063e-02
	0.0000e+00	0.0000e+00	0.0000e+00	3.1343e-01	-1.5587e-01	8.4601e-02
148	0.0000e+00	0.0000e+00	0.0000e+00	5.0748e-01	-5.5575e-01	-1.0092e-01

	0.0000e+00	0.0000e+00	0.0000e+00	4.2466e-01	-5.8181e-01	5.8324e-02
	0.0000e+00	0.0000e+00	0.0000e+00	5.6037e-01	-5.5995e-01	-3.9374e-02
	0.0000e+00	0.0000e+00	0.0000e+00	7.5675e-01	-4.2427e-01	-1.9694e-01
147	0.0000e+00	0.0000e+00	0.0000e+00	5.1895e-01	-5.9390e-01	2.4604e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.3271e-01	-1.1980e+00	1.5330e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7495e-01	-4.7516e-01	-2.0202e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.6033e-01	-7.2742e-01	8.6892e-03
146	0.0000e+00	0.0000e+00	0.0000e+00	7.0828e-01	-1.5739e+00	3.8077e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.9711e-01	-2.2105e+00	6.5433e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-7.9378e-01	-1.7327e+00	-1.0196e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0066e+00	-7.5574e-01	-6.8612e-01
145	0.0000e+00	0.0000e+00	0.0000e+00	-8.6290e-01	-2.8758e+00	-4.2009e-03
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4692e+00	-3.6983e+00	-9.7509e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2653e+00	-2.4307e+00	-8.5678e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.5520e-01	-2.0231e+00	-9.0721e-01
144	0.0000e+00	0.0000e+00	0.0000e+00	3.6408e-01	-3.0213e+00	1.7808e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.9143e-01	-4.1707e+00	2.4284e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.4313e-01	-4.5691e+00	-5.2997e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3493e-01	-4.0591e+00	-5.3289e-01
143	0.0000e+00	0.0000e+00	0.0000e+00	-2.5482e+00	-2.6875e-01	3.3855e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5612e+00	-1.1895e-01	-9.2877e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1537e+00	-6.0166e-01	2.6358e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.9559e+00	-8.9108e-01	6.1449e-01
142	0.0000e+00	0.0000e+00	0.0000e+00	-1.2910e+00	1.2230e+00	-3.6972e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3982e+00	6.3692e-02	-5.7461e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1766e+00	-8.4620e-01	-1.1870e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3780e+00	-8.8347e-01	-1.0027e+00
141	0.0000e+00	0.0000e+00	0.0000e+00	3.3427e-01	-9.0102e-01	-1.2697e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.9302e-01	-1.0794e+00	-7.7136e-03
	0.0000e+00	0.0000e+00	0.0000e+00	6.7953e-01	-6.3837e-01	-1.0149e-01

	0.0000e+00	0.0000e+00	0.0000e+00	6.4000e-01	-6.5724e-01	-2.2189e-01
140	0.0000e+00	0.0000e+00	0.0000e+00	-4.1937e+00	1.4305e-01	7.2470e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4791e+00	1.8166e-01	4.0075e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.2892e+00	-8.9369e-02	-3.0454e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.7005e+00	1.6353e+00	-5.4372e-01
139	0.0000e+00	0.0000e+00	0.0000e+00	-1.0566e+00	-3.6104e+00	-1.3616e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5551e+00	-2.8377e+00	-1.8185e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0866e+00	-2.3509e+00	-8.4988e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6851e+00	-3.3125e+00	-3.2558e-01
138	0.0000e+00	0.0000e+00	0.0000e+00	-1.6998e+00	-2.3597e+00	-2.0430e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.6957e-01	-1.3279e+00	-2.9567e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2045e+00	-1.8302e+00	-2.1048e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4931e+00	-2.2378e+00	-1.2024e+00
137	0.0000e+00	0.0000e+00	0.0000e+00	-1.3978e+00	-2.8854e+00	1.7954e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1156e+00	-4.1257e+00	1.2988e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2196e+00	-3.6343e+00	4.0418e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0815e+00	-2.7860e+00	8.2538e-01
136	0.0000e+00	0.0000e+00	0.0000e+00	-1.4225e+00	-4.4526e+00	8.8203e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4178e+00	-5.8937e+00	-4.7051e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7390e+00	-3.9883e+00	-8.3223e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.9371e+00	-4.5395e+00	-2.6241e-02
135	0.0000e+00	0.0000e+00	0.0000e+00	-1.4963e+00	-6.8942e+00	-1.1979e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.1928e-02	-5.6826e+00	1.9179e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.8195e-01	-5.2257e+00	1.5537e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.6145e-02	-3.9638e+00	-1.0725e-01
134	0.0000e+00	0.0000e+00	0.0000e+00	-9.1984e-01	-6.0026e+00	1.5318e-02
	0.0000e+00	0.0000e+00	0.0000e+00	2.4448e-01	-5.5350e+00	1.2388e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.2393e+00	-3.5644e+00	2.1350e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.3548e-01	-4.6233e+00	7.3866e-01
133	0.0000e+00	0.0000e+00	0.0000e+00	-4.4363e+00	7.6333e-01	-2.9963e+00

	0.0000e+00	0.0000e+00	0.0000e+00	-1.2882e+00	3.8865e+00	-3.2106e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2945e+00	2.1299e+00	-1.4773e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6041e+00	1.6876e+00	-1.6300e+00
132	0.0000e+00	0.0000e+00	0.0000e+00	3.1721e-01	-5.4036e-01	2.4780e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9055e+00	-5.6596e-01	1.6922e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1448e+00	-2.0213e+00	2.1755e+00
131	0.0000e+00	0.0000e+00	0.0000e+00	1.5788e+00	8.6655e+00	2.8366e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6792e+00	3.4443e+00	2.6713e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.9207e-01	5.0159e+00	1.4537e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.6942e-01	3.6740e+00	5.1815e-01
130	0.0000e+00	0.0000e+00	0.0000e+00	-1.5576e+00	3.9282e+00	7.2518e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.0081e-02	3.9229e+00	2.2626e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1611e+00	5.6959e+00	4.6200e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3781e+00	5.0086e+00	1.1357e+00
129	0.0000e+00	0.0000e+00	0.0000e+00	4.9628e+00	-4.1508e-01	2.3629e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.7759e+00	4.2286e-01	-1.1219e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.2972e+00	-6.9244e-01	-4.0815e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.2689e+00	-2.8162e-01	5.7257e-01
128	0.0000e+00	0.0000e+00	0.0000e+00	-2.7738e-02	2.5900e+00	1.3433e-02
	0.0000e+00	0.0000e+00	0.0000e+00	4.0383e-02	2.5320e+00	2.8158e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.7191e-01	1.5706e+00	-2.0200e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.7534e-01	2.2300e+00	-2.8055e-01
127	0.0000e+00	0.0000e+00	0.0000e+00	3.2972e-01	2.6110e+00	-1.6291e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.1532e-01	2.9251e+00	-1.2038e-02
	0.0000e+00	0.0000e+00	0.0000e+00	7.9757e-01	2.7971e+00	5.4123e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.8310e-01	1.5890e+00	3.6866e-01
126	0.0000e+00	0.0000e+00	0.0000e+00	2.6120e+00	1.4299e+00	-4.6137e-02
	0.0000e+00	0.0000e+00	0.0000e+00	2.9738e+00	1.5488e+00	-5.7056e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.5643e+00	8.2293e-01	-5.2672e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5635e+00	9.1114e-01	-2.0315e-02

125	0.0000e+00	0.0000e+00	0.0000e+00	1.8552e+00	1.8984e+00	9.3313e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1851e-01	-5.9052e-02	7.7204e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.6596e-01	-4.7207e-01	-5.1094e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.8708e-01	8.3782e-01	-6.4884e-01
124	0.0000e+00	0.0000e+00	0.0000e+00	9.9580e-01	-5.1461e-01	9.1096e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4993e-01	-1.3126e+00	8.4430e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.7426e-01	-1.0526e+00	2.5328e-01
123	0.0000e+00	0.0000e+00	0.0000e+00	-9.1588e-01	1.2954e+00	5.1721e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1574e+00	1.5881e+00	2.3087e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5785e+00	1.3932e+00	3.8429e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5730e+00	1.2249e+00	3.2610e-01
122	0.0000e+00	0.0000e+00	0.0000e+00	-1.9464e+00	1.8053e+00	4.1788e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2249e+00	2.0889e+00	3.9852e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2097e+00	8.2886e-01	3.3048e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0436e+00	1.2372e+00	3.5500e-01
121	0.0000e+00	0.0000e+00	0.0000e+00	-2.3160e+00	2.1641e+00	7.7621e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7103e+00	-3.8686e-02	-2.1064e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.2585e+00	1.7459e-01	-1.2021e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5271e+00	2.5106e-01	-2.2165e-01
120	0.0000e+00	0.0000e+00	0.0000e+00	4.2722e-01	-4.4084e+00	1.1031e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.2963e-02	-4.8001e+00	1.1533e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1114e-01	-3.9044e+00	5.0732e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.1233e-01	-3.1435e+00	4.5642e-01
119	0.0000e+00	0.0000e+00	0.0000e+00	-4.1785e+00	4.2519e-01	-6.0791e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.1265e+00	2.5434e-01	-8.3010e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.2543e+00	1.0589e-01	-9.4983e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.7016e+00	5.9486e-02	-6.7043e-01
118	0.0000e+00	0.0000e+00	0.0000e+00	1.3177e+00	-5.8288e+00	-9.9088e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.3796e-01	-6.8512e+00	5.3278e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3453e+00	-5.0270e+00	-4.1229e-02

	0.0000e+00	0.0000e+00	0.0000e+00	1.2733e+00	-4.9185e+00	-8.1077e-01
117	0.0000e+00	0.0000e+00	0.0000e+00	-1.4579e+00	-5.2112e+00	1.5909e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.1913e-01	-5.1673e+00	1.8144e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3860e+00	-4.7442e+00	6.0680e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7127e+00	-4.5716e+00	1.6939e+00
116	0.0000e+00	0.0000e+00	0.0000e+00	-3.9567e+00	1.1526e-01	1.9763e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.5133e+00	-3.4735e-03	2.9094e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.9976e+00	-6.1417e-01	5.4249e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.2499e+00	-1.2375e+00	4.2417e-01
115	0.0000e+00	0.0000e+00	0.0000e+00	-6.0044e-01	-5.1370e+00	-4.9329e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.3329e-01	-4.6920e+00	-4.4783e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.9075e-01	-4.2142e+00	-2.2971e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.2735e-01	-4.1719e+00	-2.9199e-01
114	0.0000e+00	0.0000e+00	0.0000e+00	-5.7102e-01	-4.3498e+00	-8.2071e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7442e+00	-3.9278e+00	-1.0572e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8435e+00	-3.4567e+00	-4.6217e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0976e+00	-4.2529e+00	-1.6245e-01
113	0.0000e+00	0.0000e+00	0.0000e+00	-2.9445e+00	1.6717e+00	-4.3413e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1779e+00	-2.6972e-01	1.9942e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4711e+00	1.0172e+00	-1.1797e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7292e+00	1.0637e+00	-1.3180e+00
112	0.0000e+00	0.0000e+00	0.0000e+00	-1.3373e+00	-1.2985e+00	-1.6706e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9728e+00	6.2292e-01	-2.6251e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3335e+00	8.5352e-01	-1.0551e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9196e+00	-3.0507e-01	-9.2693e-01
111	0.0000e+00	0.0000e+00	0.0000e+00	-1.4816e+00	-5.1457e-01	3.5156e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8928e+00	-5.8599e-01	2.8594e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1654e+00	-1.0024e+00	1.6794e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6075e+00	-8.3471e-01	3.6286e-01
110	0.0000e+00	0.0000e+00	0.0000e+00	-1.5277e+00	-5.6428e-01	6.8721e-03

	0.0000e+00	0.0000e+00	0.0000e+00	-3.5827e-02	-2.9755e-01	-3.1335e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.3609e-01	-8.6917e-01	-1.2805e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5771e+00	-9.6972e-01	2.5251e-01
109	0.0000e+00	0.0000e+00	0.0000e+00	9.3821e-01	-3.3048e-01	2.3679e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.0456e-01	-7.7232e-01	3.2881e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.7593e-01	-1.1677e+00	2.4277e-02
	0.0000e+00	0.0000e+00	0.0000e+00	9.9824e-01	-1.0269e+00	-6.9612e-02
108	0.0000e+00	0.0000e+00	0.0000e+00	1.2247e+00	-8.9092e-01	-5.3405e-02
	0.0000e+00	0.0000e+00	0.0000e+00	9.1599e-01	-9.4856e-01	-1.8128e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.2792e-01	-1.8295e+00	-4.3647e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1733e+00	-1.4465e+00	-2.9538e-01
107	0.0000e+00	0.0000e+00	0.0000e+00	5.9425e-01	-2.5116e+00	9.1525e-02
	0.0000e+00	0.0000e+00	0.0000e+00	2.1595e-01	-2.8621e+00	4.5264e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.5291e-01	-2.2487e+00	1.4359e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1535e+00	-2.0512e+00	-2.0321e-01
106	0.0000e+00	0.0000e+00	0.0000e+00	4.7852e-01	-2.9221e+00	1.0498e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4488e-01	-3.6615e+00	1.1707e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5526e-01	-2.6941e+00	5.9315e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.3395e-01	-2.4450e+00	5.1420e-01
105	0.0000e+00	0.0000e+00	0.0000e+00	-2.2092e+00	-3.5001e+00	1.1563e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4807e+00	-5.5383e+00	1.6587e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7777e+00	-2.8074e+00	6.2272e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8611e+00	-3.0776e+00	3.6542e-01
104	0.0000e+00	0.0000e+00	0.0000e+00	-5.9674e-01	-5.4271e+00	7.9532e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.8630e-01	-4.4606e+00	-1.0372e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3668e+00	-3.4605e+00	5.3082e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9338e+00	-3.2450e+00	1.1921e+00
103	0.0000e+00	0.0000e+00	0.0000e+00	-1.0881e+00	-3.4866e+00	-4.1108e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8005e+00	-2.9916e+00	-7.3326e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2963e+00	-2.6329e+00	5.5088e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-9.4319e-01	-3.3820e+00	2.4532e-01
102	0.0000e+00	0.0000e+00	0.0000e+00	-1.7113e+00	-2.4425e+00	-1.4947e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5650e+00	-2.3333e+00	-6.1191e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.0788e+00	-1.1815e+00	2.3712e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4286e+00	-2.7016e+00	7.7481e-01
101	0.0000e+00	0.0000e+00	0.0000e+00	1.1725e+00	-1.7010e+00	-4.2780e-02
	0.0000e+00	0.0000e+00	0.0000e+00	7.0690e-01	-1.8188e+00	4.7498e-02
	0.0000e+00	0.0000e+00	0.0000e+00	8.3401e-01	-1.3651e+00	7.1619e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.2862e+00	-1.5482e+00	-1.5198e-02
100	0.0000e+00	0.0000e+00	0.0000e+00	-1.5204e+00	-6.9942e-01	-7.7221e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9641e+00	-3.2319e-01	-9.2350e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5762e+00	3.1724e-01	4.1621e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0159e+00	-1.7270e+00	7.5265e-02
99	0.0000e+00	0.0000e+00	0.0000e+00	5.4224e-01	-4.4607e-01	9.1136e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5414e-01	-1.2785e+00	9.2331e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.9667e-01	-1.0557e+00	1.3814e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.7382e-01	-3.6849e-01	-2.1065e-01
98	0.0000e+00	0.0000e+00	0.0000e+00	9.4180e-01	-7.1944e-01	-3.1940e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.6762e-01	-7.1394e-01	-1.5365e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3677e+00	-7.3947e-01	2.3985e-02
	0.0000e+00	0.0000e+00	0.0000e+00	7.3555e-01	-1.1175e+00	-1.4626e-01
97	0.0000e+00	0.0000e+00	0.0000e+00	7.7924e-02	-5.2959e-01	-2.7212e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.8401e-01	-2.7357e-01	-1.2106e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.3344e-01	-8.3792e-01	-1.2528e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.8704e-01	-5.9180e-01	-2.7485e-01
96	0.0000e+00	0.0000e+00	0.0000e+00	-9.6356e-01	1.4505e+00	-1.5460e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.0833e+00	-5.9271e-01	-5.0932e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1403e+00	-4.8352e-01	-3.7339e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1406e+00	-1.2619e+00	-7.9794e-01
95	0.0000e+00	0.0000e+00	0.0000e+00	-4.6950e-01	-4.3755e+00	2.1250e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-8.2467e-01	-3.5875e+00	1.6353e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.4596e-01	-3.5083e+00	4.1131e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.4715e-01	-3.0731e+00	3.1713e-01
94	0.0000e+00	0.0000e+00	0.0000e+00	-1.7911e+00	-8.3229e-01	3.1466e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0549e+00	-1.2392e+00	-3.5500e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5822e+00	-1.5600e+00	1.1216e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2963e+00	-2.2451e+00	5.6357e-01
93	0.0000e+00	0.0000e+00	0.0000e+00	7.2306e-01	-9.0229e-01	-2.2227e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.2940e-01	-7.5209e-01	-1.7429e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.1933e-01	-1.2851e+00	8.3052e-02
	0.0000e+00	0.0000e+00	0.0000e+00	9.2667e-01	-1.6802e+00	4.6732e-02
92	0.0000e+00	0.0000e+00	0.0000e+00	8.7505e-01	-1.8896e+00	2.8020e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8678e-01	-2.5207e+00	4.2942e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.3759e-01	-1.1419e+00	2.3758e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.3528e-01	-1.3740e+00	7.7083e-02
91	0.0000e+00	0.0000e+00	0.0000e+00	-1.4808e+00	-2.0989e+00	1.0820e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2510e+00	-3.7307e+00	8.4863e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9514e+00	-8.7966e-01	9.4842e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2022e+00	-1.0905e+00	2.9909e-01
90	0.0000e+00	0.0000e+00	0.0000e+00	4.0449e-01	4.0572e-01	8.6291e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7947e+00	-1.0055e+00	7.8933e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6289e+00	-2.1492e-01	5.8945e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6248e+00	-9.0293e-01	5.0595e-01
89	0.0000e+00	0.0000e+00	0.0000e+00	2.5253e-01	-1.3981e+00	-1.2932e-03
	0.0000e+00	0.0000e+00	0.0000e+00	6.3864e-01	-9.0751e-01	-2.0040e-02
	0.0000e+00	0.0000e+00	0.0000e+00	4.2455e-01	-1.6957e+00	1.2659e-02
	0.0000e+00	0.0000e+00	0.0000e+00	3.9885e-01	-1.2239e+00	-1.7581e-02
88	0.0000e+00	0.0000e+00	0.0000e+00	9.6293e+00	2.9248e+00	1.5054e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.5756e+00	5.5335e-01	2.4410e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.9778e-01	-4.2406e-01	-4.1395e-01

	0.0000e+00	0.0000e+00	0.0000e+00	2.1071e+00	-2.6047e+00	5.6602e-01
87	0.0000e+00	0.0000e+00	0.0000e+00	-2.1763e-01	1.6850e+00	-2.8108e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4178e+00	1.1873e+00	-7.9396e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-7.3055e-01	1.3606e+00	1.1991e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.3535e-01	6.8632e-01	-1.1772e-01
86	0.0000e+00	0.0000e+00	0.0000e+00	-1.7391e+00	-1.7499e+00	7.7628e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1536e+00	-2.4924e+00	4.1767e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5775e+00	-3.3102e+00	3.0962e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1781e+00	-4.0188e+00	7.4760e-01
85	0.0000e+00	0.0000e+00	0.0000e+00	-2.8956e-01	-2.3989e+00	3.9232e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.5380e-01	-3.1078e+00	1.2000e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.0619e-01	-2.4170e+00	4.5752e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3505e+00	-3.1810e+00	3.5111e-01
84	0.0000e+00	0.0000e+00	0.0000e+00	7.0392e+00	-3.2938e+00	-1.8445e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.7931e+00	-1.8018e+00	-2.3438e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.9797e+00	-1.6106e+00	-3.2822e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.9141e+00	-4.2435e+00	-1.0453e+00
83	0.0000e+00	0.0000e+00	0.0000e+00	-7.1470e+00	-6.2141e+00	-2.3155e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.0101e+00	-6.3737e+00	-5.0777e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.0155e+00	-5.6837e+00	-2.7425e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.1913e+00	-5.3599e+00	-2.4950e-01
82	0.0000e+00	0.0000e+00	0.0000e+00	-5.4505e+00	-6.3388e+00	2.6083e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.9847e+00	-6.5224e+00	4.8420e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.9523e+00	-5.8740e+00	-1.4615e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.4608e+00	-5.6381e+00	-1.7213e-01
81	0.0000e+00	0.0000e+00	0.0000e+00	-3.3949e+00	-6.4499e+00	1.1907e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1992e+00	-6.6094e+00	1.4770e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1756e+00	-5.9331e+00	1.5892e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.3979e+00	-5.8114e+00	-1.4592e-02
80	0.0000e+00	0.0000e+00	0.0000e+00	-1.7349e+00	-6.5286e+00	2.2070e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-9.5505e-01	-6.6600e+00	2.1964e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.4423e-01	-5.9487e+00	1.2821e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7857e+00	-5.8877e+00	1.3006e-01
79	0.0000e+00	0.0000e+00	0.0000e+00	-5.9427e-01	-6.5972e+00	2.9787e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5352e-01	-6.7201e+00	2.7436e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2754e-01	-6.0010e+00	1.7991e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.9765e-01	-5.9248e+00	2.0417e-01
78	0.0000e+00	0.0000e+00	0.0000e+00	1.4509e-01	-6.6873e+00	3.5525e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.5303e-01	-6.8735e+00	3.2542e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.2568e-01	-6.1310e+00	1.8121e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.1350e-03	-6.0113e+00	2.0832e-01
77	0.0000e+00	0.0000e+00	0.0000e+00	5.9971e-01	-6.8694e+00	3.9857e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.0500e-01	-7.1937e+00	3.5602e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.7474e-01	-6.3373e+00	1.3744e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.4586e-01	-6.1958e+00	1.6850e-01
76	0.0000e+00	0.0000e+00	0.0000e+00	6.8788e-01	-7.1623e+00	3.4082e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.7623e-01	-7.6082e+00	1.2005e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.7193e-01	-6.1281e+00	6.5579e-02
	0.0000e+00	0.0000e+00	0.0000e+00	3.7565e-01	-6.4427e+00	2.6657e-01
75	0.0000e+00	0.0000e+00	0.0000e+00	2.3065e-01	-7.4558e+00	1.8067e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.4849e-01	-7.1937e+00	-3.7300e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.3177e-01	-6.3715e+00	-2.7147e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1056e-01	-6.2603e+00	2.2160e-01
74	0.0000e+00	0.0000e+00	0.0000e+00	3.6602e-01	-7.3742e+00	-4.3668e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.1685e-01	-6.9449e+00	-5.5736e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1479e-01	-6.3591e+00	-4.3722e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.3415e-01	-6.1838e+00	-3.2099e-01
73	0.0000e+00	0.0000e+00	0.0000e+00	2.6127e-01	-6.9966e+00	-5.1331e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.3841e-01	-6.7693e+00	-5.1128e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.3484e-02	-6.1688e+00	-3.4372e-01

	0.0000e+00	0.0000e+00	0.0000e+00	4.2447e-01	-6.2816e+00	-3.5313e-01
72	0.0000e+00	0.0000e+00	0.0000e+00	-1.0696e-01	-6.8063e+00	-4.1584e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.0468e-01	-6.6333e+00	-3.9721e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.2007e-01	-6.0371e+00	-2.6529e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.0331e-04	-6.1352e+00	-2.8613e-01
71	0.0000e+00	0.0000e+00	0.0000e+00	-8.2959e-01	-6.6926e+00	-2.9319e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5033e+00	-6.5352e+00	-2.5744e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5663e+00	-5.9527e+00	-1.3722e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.6672e-01	-6.0448e+00	-1.7278e-01
70	0.0000e+00	0.0000e+00	0.0000e+00	-2.0247e+00	-6.6123e+00	-1.5757e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1374e+00	-6.4395e+00	-1.0414e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1542e+00	-5.8510e+00	4.5629e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9794e+00	-5.9907e+00	-8.6714e-03
69	0.0000e+00	0.0000e+00	0.0000e+00	-3.7521e+00	-6.5171e+00	-1.3216e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.1907e+00	-6.3224e+00	3.9284e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.1885e+00	-5.6438e+00	2.5422e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.7046e+00	-5.9015e+00	1.9890e-01
68	0.0000e+00	0.0000e+00	0.0000e+00	-5.7839e+00	-6.3555e+00	1.2082e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.0830e+00	-6.1994e+00	1.1860e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.0775e+00	-5.2493e+00	3.9391e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.8011e+00	-5.6812e+00	3.9449e-01
67	0.0000e+00	0.0000e+00	0.0000e+00	-4.8768e+00	-6.9483e+00	-4.4126e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.6524e+00	-6.9064e+00	-8.0400e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.0973e+00	-5.6061e+00	-7.3033e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.2015e+00	-5.7060e+00	-3.6501e-01
66	0.0000e+00	0.0000e+00	0.0000e+00	-3.2026e+00	-6.7314e+00	-9.0917e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0747e+00	-6.6112e+00	-1.3546e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6245e+00	-5.1056e+00	-1.1196e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5837e+00	-5.4403e+00	-6.7001e-01
65	0.0000e+00	0.0000e+00	0.0000e+00	-1.7288e+00	-6.3435e+00	-1.6036e+00

	0.0000e+00	0.0000e+00	0.0000e+00	-1.0148e+00	-5.8840e+00	-2.1744e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6404e+00	-4.1283e+00	-1.5604e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2731e+00	-4.8624e+00	-9.9127e-01
64	0.0000e+00	0.0000e+00	0.0000e+00	-5.2862e-01	-5.6740e+00	-2.9689e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.9689e+00	-3.0351e+00	-2.2618e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.4112e-02	-2.2672e+00	-3.9554e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0597e+00	-3.2961e+00	-1.1695e+00
63	0.0000e+00	0.0000e+00	0.0000e+00	-2.4241e+00	-5.6801e-03	6.2236e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9909e+00	-1.3890e-01	1.4395e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2687e+00	-1.1721e+00	2.1398e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.0570e+00	-1.4754e+00	6.9234e-01
62	0.0000e+00	0.0000e+00	0.0000e+00	-2.3797e+00	-3.0066e-01	8.9918e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0773e+00	-4.7949e-01	-5.1561e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5603e+00	-9.8212e-01	-2.0525e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0713e+00	-8.5302e-01	-7.6784e-02
61	0.0000e+00	0.0000e+00	0.0000e+00	-1.7236e+00	-5.6034e-01	-2.1133e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.0107e-01	-3.4928e-01	-2.0610e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.8595e-01	-1.1353e+00	-2.8621e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1969e+00	-7.6556e-01	-2.8782e-01
60	0.0000e+00	0.0000e+00	0.0000e+00	-6.7303e-01	-3.7977e-01	-1.6955e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2204e-01	-8.3054e-01	-2.2249e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.7860e-01	-9.1682e-01	-3.8080e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.2604e-01	-1.0122e+00	-3.6850e-01
59	0.0000e+00	0.0000e+00	0.0000e+00	-6.0369e-01	-9.0383e-01	-4.4153e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.9930e-02	-5.1982e-01	-3.7118e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2037e-01	-8.8578e-01	-2.3499e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7928e-01	-7.8218e-01	-2.9585e-01
58	0.0000e+00	0.0000e+00	0.0000e+00	-3.4863e-01	-4.8348e-01	-2.7367e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.6533e-02	-3.3729e-01	-2.0180e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8558e-01	-7.4866e-01	-1.1548e-01

	0.0000e+00	0.0000e+00	0.0000e+00	1.0859e-01	-7.4547e-01	-2.0959e-01
57	0.0000e+00	0.0000e+00	0.0000e+00	-1.7543e-01	-4.4987e-01	-6.3083e-02
	0.0000e+00	0.0000e+00	0.0000e+00	2.6268e-01	-6.0720e-01	1.1301e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5655e-01	-7.9602e-01	-3.7210e-02
	0.0000e+00	0.0000e+00	0.0000e+00	2.9313e-01	-5.7968e-01	-2.2463e-01
56	0.0000e+00	0.0000e+00	0.0000e+00	2.7230e-01	-7.1198e-01	1.1980e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.3936e-01	-1.0417e+00	2.3404e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.4002e-01	-7.9129e-01	1.0039e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.3140e-01	-7.5781e-01	-5.2285e-02
55	0.0000e+00	0.0000e+00	0.0000e+00	2.2420e-01	-9.2080e-01	8.6175e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.7352e-01	-7.4919e-01	5.8833e-03
	0.0000e+00	0.0000e+00	0.0000e+00	3.5422e-01	-1.0828e+00	1.0876e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-9.7152e-02	-9.3600e-01	9.7040e-02
54	0.0000e+00	0.0000e+00	0.0000e+00	2.6294e-01	-7.5526e-01	3.7143e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.5651e-02	-8.2672e-01	1.0773e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.9773e-01	-1.1202e+00	5.5335e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.3892e-01	-1.0821e+00	-1.2227e-02
53	0.0000e+00	0.0000e+00	0.0000e+00	6.5819e-02	-8.7966e-01	1.8416e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.8722e-01	-1.2312e+00	2.9473e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8260e-01	-1.0831e+00	1.7342e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.2556e-02	-1.1781e+00	6.4563e-02
52	0.0000e+00	0.0000e+00	0.0000e+00	-5.0368e-02	-1.1538e+00	2.2025e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.8181e-01	-1.2753e+00	7.9555e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.7675e-01	-1.1726e+00	7.2371e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5263e-01	-1.2867e+00	2.0922e-01
51	0.0000e+00	0.0000e+00	0.0000e+00	-8.9026e-01	-1.2472e+00	-1.5252e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8149e+00	-6.4695e-01	-1.0734e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4510e+00	-1.0331e+00	2.1208e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2424e+00	-1.1640e+00	1.9126e-01
50	0.0000e+00	0.0000e+00	0.0000e+00	-1.6073e+00	-4.2710e-01	-6.7227e-02

	0.0000e+00	0.0000e+00	0.0000e+00	-2.6210e+00	-6.3965e-02	-5.5124e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3724e+00	-8.8139e-01	2.0332e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8797e+00	-1.0942e+00	1.9799e-01
49	0.0000e+00	0.0000e+00	0.0000e+00	-2.7207e+00	9.1752e-02	4.6976e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8808e+00	1.2418e-01	-2.3335e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4845e+00	-1.3578e+00	-3.5594e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6436e+00	-1.0629e+00	-7.8850e-02
48	0.0000e+00	0.0000e+00	0.0000e+00	-2.7829e+00	2.3316e-01	-3.0645e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.3409e+00	-2.9922e+00	-2.0175e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.3729e+00	-7.2057e-01	-2.8745e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4382e+00	-2.0948e+00	-8.9215e-01
47	0.0000e+00	0.0000e+00	0.0000e+00	-1.0160e+00	-6.5616e+00	1.9542e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7405e+00	-6.7747e+00	1.3541e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3847e+00	-5.1878e+00	7.5790e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6524e+00	-4.2845e+00	1.3609e+00
46	0.0000e+00	0.0000e+00	0.0000e+00	-2.1122e+00	-7.0153e+00	1.0814e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.3093e+00	-7.0051e+00	6.4948e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.6551e+00	-5.7218e+00	4.9474e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6682e+00	-5.4123e+00	9.2336e-01
45	0.0000e+00	0.0000e+00	0.0000e+00	-3.7290e+00	-7.1584e+00	5.5950e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.9851e+00	-7.0952e+00	2.6124e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.2247e+00	-5.9283e+00	2.5475e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.1114e+00	-5.8476e+00	5.5139e-01
44	0.0000e+00	0.0000e+00	0.0000e+00	-1.7006e+00	-5.3428e+00	1.7472e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.5207e-01	-5.4295e+00	1.3464e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.4451e-01	-4.2894e+00	6.7904e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7010e+00	-4.2369e+00	1.1097e-01
43	0.0000e+00	0.0000e+00	0.0000e+00	-6.2790e-01	-5.3611e+00	2.3943e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.9529e-02	-5.4742e+00	1.3570e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9845e-01	-4.3309e+00	4.7777e-02

	0.0000e+00	0.0000e+00	0.0000e+00	-7.0063e-01	-4.2602e+00	1.5686e-01
42	0.0000e+00	0.0000e+00	0.0000e+00	5.5915e-02	-5.4465e+00	1.8963e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.0237e-01	-5.6118e+00	3.4623e-02
	0.0000e+00	0.0000e+00	0.0000e+00	2.8501e-01	-4.4534e+00	-1.0581e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.4533e-02	-4.3241e+00	5.5376e-02
41	0.0000e+00	0.0000e+00	0.0000e+00	4.0482e-01	-5.6308e+00	2.1245e-02
	0.0000e+00	0.0000e+00	0.0000e+00	8.4646e-01	-5.8672e+00	-1.6741e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.1821e-01	-4.7261e+00	-3.9720e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.6688e-01	-4.4744e+00	-2.1412e-01
40	0.0000e+00	0.0000e+00	0.0000e+00	6.4051e-01	-6.0147e+00	-2.8464e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.5580e-01	-6.9536e+00	-1.8624e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6824e+00	-4.6867e+00	-5.7474e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.0698e-01	-4.7217e+00	-7.5861e-01
39	0.0000e+00	0.0000e+00	0.0000e+00	-4.1096e-01	-6.4861e+00	5.7237e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.9077e-01	-5.9558e+00	7.1628e-03
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2176e+00	-5.3230e+00	1.9482e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.8362e-01	-5.0212e+00	6.2088e-01
38	0.0000e+00	0.0000e+00	0.0000e+00	4.7386e-01	-6.2216e+00	-2.1159e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.9001e-01	-5.8256e+00	-2.2550e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0412e-01	-4.7022e+00	1.1150e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.1890e-01	-4.9876e+00	1.0095e-01
37	0.0000e+00	0.0000e+00	0.0000e+00	5.3624e-01	-5.7945e+00	-1.9936e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4850e-01	-5.5567e+00	-2.9673e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.0361e-02	-4.4546e+00	-7.2228e-02
	0.0000e+00	0.0000e+00	0.0000e+00	4.0244e-01	-4.7052e+00	2.9008e-02
36	0.0000e+00	0.0000e+00	0.0000e+00	1.1758e-01	-5.5978e+00	-2.1501e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.4748e-01	-5.4216e+00	-2.8907e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.0868e-01	-4.3635e+00	-1.5750e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.0055e-02	-4.4863e+00	-7.1629e-02
35	0.0000e+00	0.0000e+00	0.0000e+00	-6.4033e-01	-5.5106e+00	-1.7231e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-1.4827e+00	-5.3776e+00	-1.8377e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4834e+00	-4.3403e+00	-8.9043e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-7.5184e-01	-4.4198e+00	-6.6549e-02
34	0.0000e+00	0.0000e+00	0.0000e+00	-1.8473e+00	-5.4846e+00	-5.4076e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.0481e+00	-5.3298e+00	1.0525e-03
	0.0000e+00	0.0000e+00	0.0000e+00	-2.9854e+00	-4.2921e+00	1.2826e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8914e+00	-4.4096e+00	8.0791e-02
33	0.0000e+00	0.0000e+00	0.0000e+00	-3.5751e+00	-5.4294e+00	1.2786e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.0559e+00	-5.1954e+00	2.4491e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.9426e+00	-4.0783e+00	4.8008e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5234e+00	-4.3412e+00	3.6859e-01
32	0.0000e+00	0.0000e+00	0.0000e+00	-3.5690e+00	-4.7662e+00	-5.0122e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5848e+00	-4.4644e+00	-6.9457e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7774e+00	-3.1614e+00	-4.4201e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.8253e+00	-3.3380e+00	-2.4776e-01
31	0.0000e+00	0.0000e+00	0.0000e+00	-2.2370e+00	-4.2123e+00	-8.0410e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5987e+00	-3.4124e+00	-8.3996e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4867e+00	-2.6114e+00	-2.9172e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4502e+00	-2.8656e+00	-2.7063e-01
30	0.0000e+00	0.0000e+00	0.0000e+00	-2.2535e+00	-1.5339e+00	7.3794e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6240e+00	-1.4523e+00	-7.3427e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6018e+00	-2.2997e+00	-7.9098e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5093e+00	-2.2322e+00	8.1607e-02
29	0.0000e+00	0.0000e+00	0.0000e+00	-1.2695e+00	-1.4050e+00	-1.7387e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.4585e-01	-1.4555e+00	-1.8107e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.8230e-01	-2.1869e+00	-2.2367e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2854e+00	-2.1604e+00	-2.0731e-01
28	0.0000e+00	0.0000e+00	0.0000e+00	-5.2857e-01	-1.3992e+00	-3.0503e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2689e-01	-1.3495e+00	-2.1865e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5368e-01	-2.0433e+00	-1.8324e-01

	0.0000e+00	0.0000e+00	0.0000e+00	-5.0585e-01	-2.0683e+00	-2.5526e-01
27	0.0000e+00	0.0000e+00	0.0000e+00	-2.5452e-01	-1.2869e+00	-2.3681e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5662e-01	-1.2012e+00	-4.0658e-02
	0.0000e+00	0.0000e+00	0.0000e+00	8.5608e-02	-1.7817e+00	6.7954e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0630e-01	-1.8986e+00	-1.1936e-01
26	0.0000e+00	0.0000e+00	0.0000e+00	8.3710e-02	-1.0297e+00	-5.5824e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.3077e-02	-9.3188e-01	5.9899e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.3133e-01	-9.9811e-01	4.4098e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3089e-01	-1.6542e+00	2.9366e-01
25	0.0000e+00	0.0000e+00	0.0000e+00	1.1359e-01	-6.4767e-01	9.5798e-02
	0.0000e+00	0.0000e+00	0.0000e+00	2.8268e-01	-1.6722e-01	-2.5015e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.4751e-01	-4.8360e-01	2.2597e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.2171e-01	-9.3678e-01	4.8597e-01
24	0.0000e+00	0.0000e+00	0.0000e+00	8.9989e-01	-4.3338e-01	-1.6893e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.3739e-01	-6.9979e-01	4.3147e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.3305e+00	-1.7705e+00	-8.3923e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.7715e-01	-1.7388e-01	-1.1094e+00
23	0.0000e+00	0.0000e+00	0.0000e+00	-8.8923e-02	-6.5909e-01	-7.1508e-02
	0.0000e+00	0.0000e+00	0.0000e+00	2.3651e-01	-1.4887e+00	2.1316e-02
	0.0000e+00	0.0000e+00	0.0000e+00	9.4617e-01	-1.8548e+00	-2.2035e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.8908e-01	-2.1481e+00	-3.3734e-01
22	0.0000e+00	0.0000e+00	0.0000e+00	1.0278e-01	-1.4522e+00	-6.7260e-02
	0.0000e+00	0.0000e+00	0.0000e+00	2.0214e-01	-1.4891e+00	-5.4756e-03
	0.0000e+00	0.0000e+00	0.0000e+00	3.2361e-01	-2.0285e+00	-7.7488e-02
	0.0000e+00	0.0000e+00	0.0000e+00	9.5803e-02	-1.9159e+00	-1.3629e-01
21	0.0000e+00	0.0000e+00	0.0000e+00	-6.1985e-02	-1.5227e+00	-1.4325e-03
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3503e-01	-1.5590e+00	1.0386e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.6750e-02	-2.0807e+00	6.1614e-02
	0.0000e+00	0.0000e+00	0.0000e+00	7.2481e-02	-2.0342e+00	-3.7065e-02
20	0.0000e+00	0.0000e+00	0.0000e+00	-4.1807e-01	-1.5632e+00	6.3424e-02

	0.0000e+00	0.0000e+00	0.0000e+00	-5.9744e-01	-1.4962e+00	1.2875e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.2289e-01	-2.1568e+00	1.3652e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8268e-01	-2.1103e+00	7.6926e-02
19	0.0000e+00	0.0000e+00	0.0000e+00	-1.1876e+00	-1.5425e+00	1.0198e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5269e+00	-1.4286e+00	2.1351e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5334e+00	-2.1927e+00	2.4152e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.9120e-01	-2.1340e+00	1.2989e-01
18	0.0000e+00	0.0000e+00	0.0000e+00	-1.8667e+00	-1.3895e+00	1.7837e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5681e+00	-1.4533e+00	9.2969e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7476e+00	-2.2647e+00	8.6463e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8687e+00	-2.3143e+00	1.6938e-01
17	0.0000e+00	0.0000e+00	0.0000e+00	-2.8734e+00	-1.3935e+00	-7.8155e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.8015e+00	-1.6128e+00	-6.0716e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.5722e+00	-2.3372e+00	-6.3084e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1068e+00	-2.5142e+00	-1.0568e-01
16	0.0000e+00	0.0000e+00	0.0000e+00	-2.6151e+00	-4.7938e+00	5.5047e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.6817e+00	-5.0851e+00	3.8342e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.8806e+00	-3.6026e+00	1.1112e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7608e+00	-3.3851e+00	2.7862e-01
15	0.0000e+00	0.0000e+00	0.0000e+00	-4.0591e+00	-5.2631e+00	3.3671e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.2181e+00	-5.3561e+00	1.4707e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.4042e+00	-3.8340e+00	7.0628e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.2751e+00	-3.7837e+00	2.6015e-01
14	0.0000e+00	0.0000e+00	0.0000e+00	-3.3008e+00	-5.3248e+00	2.7954e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0589e+00	-5.4348e+00	6.3412e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0929e+00	-4.2839e+00	-2.1647e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2030e+00	-4.2127e+00	-5.6818e-02
13	0.0000e+00	0.0000e+00	0.0000e+00	-6.3192e-01	-3.5995e+00	1.7629e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3820e-01	-3.6321e+00	6.1655e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2088e-01	-2.6398e+00	2.2702e-02

	0.0000e+00	0.0000e+00	0.0000e+00	-6.7040e-01	-2.5973e+00	1.4422e-01
12	0.0000e+00	0.0000e+00	0.0000e+00	-7.7469e-01	-3.1965e+00	-8.3512e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.0557e+00	-1.6677e+00	-1.1848e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.9598e-01	-3.0340e+00	-8.6301e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.0302e-01	-2.1865e+00	-4.5220e-01
11	0.0000e+00	0.0000e+00	0.0000e+00	-3.2282e-01	-2.6630e+00	4.8837e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3595e+00	-4.2190e+00	9.3496e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.6476e-01	-2.3801e+00	7.1882e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0834e+00	-3.1438e+00	1.8065e-01
10	0.0000e+00	0.0000e+00	0.0000e+00	9.0330e-01	-3.8699e+00	4.2128e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1890e-01	-3.7512e+00	1.6687e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.7527e-01	-2.5807e+00	3.7118e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2226e-02	-3.0750e+00	7.2069e-01
9	0.0000e+00	0.0000e+00	0.0000e+00	5.1732e-01	-3.7785e+00	1.1213e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.3963e-02	-3.6096e+00	-1.1834e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.6705e-02	-2.5967e+00	-3.2567e-02
	0.0000e+00	0.0000e+00	0.0000e+00	6.8424e-02	-2.6996e+00	2.3894e-01
8	0.0000e+00	0.0000e+00	0.0000e+00	5.7720e-02	-3.7150e+00	-1.0435e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.6246e-01	-3.6081e+00	-2.3006e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.3984e-01	-2.6470e+00	-1.9235e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9007e-01	-2.6645e+00	-4.4461e-02
7	0.0000e+00	0.0000e+00	0.0000e+00	-6.3582e-01	-3.7431e+00	-1.5253e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3893e+00	-3.6611e+00	-1.6563e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3966e+00	-2.7092e+00	-1.3414e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.4889e-01	-2.7120e+00	-1.0593e-01
6	0.0000e+00	0.0000e+00	0.0000e+00	-1.7350e+00	-3.8166e+00	-3.9119e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8425e+00	-3.6958e+00	9.1848e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6802e+00	-2.7695e+00	1.4689e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7379e+00	-2.7678e+00	2.8750e-02
5	0.0000e+00	0.0000e+00	0.0000e+00	1.6104e-01	-2.5144e+00	-3.8504e-01

	0.0000e+00	0.0000e+00	0.0000e+00	2.5707e-01	-2.5588e+00	-1.0640e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4749e-01	-3.5347e+00	-2.4286e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.6919e-01	-3.3421e+00	-4.8595e-01
4	0.0000e+00	0.0000e+00	0.0000e+00	6.2414e-02	-2.6384e+00	-1.3122e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.6416e-02	-2.6259e+00	6.1254e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.6955e-02	-3.5944e+00	5.5845e-02
	0.0000e+00	0.0000e+00	0.0000e+00	3.5747e-01	-3.5888e+00	-1.2235e-01
3	0.0000e+00	0.0000e+00	0.0000e+00	-1.0030e+00	-2.6355e+00	1.0192e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6095e+00	-2.6395e+00	1.7956e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6235e+00	-3.6458e+00	1.7531e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.5690e-01	-3.6403e+00	9.8635e-02
2	0.0000e+00	0.0000e+00	0.0000e+00	-1.9551e+00	-2.6665e+00	8.7156e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.9142e+00	-2.7428e+00	7.3988e-03
	0.0000e+00	0.0000e+00	0.0000e+00	-3.0867e+00	-3.7260e+00	-5.3029e-03
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9497e+00	-3.7758e+00	7.3833e-02
1	0.0000e+00	0.0000e+00	0.0000e+00	-2.1203e+00	1.3737e+00	1.7224e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5852e+00	8.7487e-01	1.4171e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3503e+00	-8.3558e-01	1.2555e+00

2.10.11 Condizione "(1) Spinta liquido"

Elemento	Nx (kg)	Ny (kg)	Nxy (kg)	Mx (kgxcm)	My (kgxcm)	Mxy (kgxcm)
340	-2.3139e-02	5.8668e-04	-2.6774e-03	-3.4857e+00	5.9063e+00	1.6786e+01
	-2.4994e-02	3.5037e-01	7.2656e-05	2.5701e+01	6.3855e+01	1.5506e+01
	-1.7897e-02	3.4738e-01	1.8209e-02	-1.0230e+01	-5.3187e+01	2.5583e+01
	-1.9753e-02	-7.0067e-03	4.3986e-02	2.0983e+01	-9.3877e+00	3.1359e+01
339	3.3355e-01	-2.3467e-02	-5.1798e-03	1.2402e+00	-8.1749e+00	-2.2137e+01
	3.3355e-01	-8.9690e-03	2.9986e-02	-8.7391e+00	-6.6063e+00	-1.8731e+01
	0.0000e+00	7.5829e-03	1.3718e-03	-5.1595e-01	2.5733e+01	-1.8351e+01
	0.0000e+00	-1.5191e-02	-6.7350e-03	-2.1773e+00	2.3692e+01	-2.1637e+01
338	2.6041e-01	-1.4787e-02	9.1562e-03	-4.1617e+00	2.1574e+00	-1.1462e+01
	2.6041e-01	-1.6448e-02	2.6166e-02	-8.5608e-01	-2.0937e+00	-6.4470e+00

	0.0000e+00	2.5767e-02	6.1525e-03	9.6584e-01	2.9689e+01	-9.2936e+00
	0.0000e+00	1.3357e-02	1.0269e-02	-2.5990e+00	3.0464e+01	-1.3388e+01
337	1.6897e-01	-1.4766e-02	5.6377e-03	-2.4072e+00	8.4232e+00	-3.6542e+00
	1.6897e-01	-1.4901e-02	2.5383e-02	2.2799e-01	1.4808e+00	-2.9658e-01
	0.0000e+00	4.0348e-02	1.3119e-02	1.6827e+00	2.8157e+01	-5.1459e+00
	0.0000e+00	2.6671e-02	7.0806e-03	-2.8012e+00	3.4153e+01	-7.8144e+00
336	8.5491e-02	-9.6908e-03	2.3094e-03	-1.6392e+00	1.2442e+01	-5.0082e-01
	8.5491e-02	-1.2349e-02	1.7023e-02	5.0698e-01	5.5367e+00	2.1470e+00
	-1.6969e-17	3.9030e-02	1.4013e-02	1.9428e+00	2.6080e+01	-3.2205e+00
	-1.8465e-17	3.1412e-02	6.2341e-03	-2.9526e+00	3.4781e+01	-5.8626e+00
335	2.5526e-02	-2.9300e-03	-1.4950e-03	-6.9742e-01	1.5015e+01	-7.9833e-01
	2.5526e-02	-7.4033e-03	8.5538e-03	-9.0655e-01	1.0235e+01	1.7988e+00
	5.5685e-18	2.4650e-02	1.3223e-02	2.2406e+00	2.8843e+01	-2.0413e+00
	8.2242e-18	2.4370e-02	4.9769e-03	-2.9968e+00	3.4135e+01	-5.2854e+00
334	-1.3602e-02	3.1857e-03	7.7549e-03	-9.2249e-01	8.1540e+00	-3.0240e+00
	-1.3602e-02	4.9473e-03	-1.7217e-03	-5.0677e-01	1.3952e+01	-1.1260e+00
	0.0000e+00	-5.4991e-03	1.4943e-03	-3.4003e+00	3.7618e+01	3.6774e+00
	0.0000e+00	-9.4589e-03	1.0010e-02	2.2997e+00	3.0164e+01	1.2197e+00
333	-3.6788e-02	4.2680e-03	6.5660e-03	9.4652e-01	3.1675e+00	-3.8676e+00
	-3.6788e-02	4.2863e-03	2.2535e-03	-8.9753e-01	1.1409e+01	-2.6978e+00
	1.9683e-18	-6.1692e-04	-2.8697e-03	-3.3239e+00	3.9736e+01	3.1216e+00
	1.6923e-18	-1.9419e-03	-1.1553e-03	2.2795e+00	2.8284e+01	1.9106e+00
332	-3.7342e-02	2.9865e-03	3.6264e-03	9.9717e-01	-1.3867e-01	-3.3855e+00
	-3.7342e-02	3.2608e-03	1.7727e-03	-3.5267e-01	8.2792e+00	-3.0635e+00
	-3.2235e-18	3.9312e-03	-6.3479e-03	-3.1469e+00	4.2058e+01	2.0532e+00
	-3.0973e-18	3.9005e-03	-7.1314e-03	2.2412e+00	3.1235e+01	2.1431e+00
331	-1.6485e-02	1.6815e-03	-2.5016e-04	1.0192e+00	-2.7152e+00	-2.2561e+00
	-1.6485e-02	1.9963e-03	-1.9152e-04	1.9526e-01	4.3883e+00	-2.6941e+00
	0.0000e+00	5.7438e-03	-9.8021e-03	-2.5704e+00	4.3567e+01	1.0969e+00
	0.0000e+00	7.5676e-03	-1.1025e-02	1.8950e+00	3.4859e+01	2.3718e+00

330	2.5263e-02	1.1540e-03	-3.6562e-03	1.1538e+00	-4.0325e+00	-5.1206e-01
	2.5263e-02	1.5086e-03	-1.8615e-03	5.2495e-01	5.4592e-01	-1.4378e+00
	0.0000e+00	4.4175e-03	-1.4208e-02	-1.6172e+00	4.3749e+01	5.0965e-01
	0.0000e+00	7.9300e-03	-1.4219e-02	1.2167e+00	3.8583e+01	2.6218e+00
329	8.7377e-02	1.3272e-03	-4.3077e-03	1.6037e+00	-3.5564e+00	1.7640e+00
	8.7377e-02	1.8853e-03	-3.3420e-03	-3.5986e-01	-2.2855e+00	1.0611e+00
	0.0000e+00	6.0407e-04	-2.3175e-02	-7.1051e-01	4.1368e+01	6.7778e-01
	0.0000e+00	5.2167e-03	-1.7969e-02	3.1100e-01	4.1521e+01	2.6762e+00
328	1.6973e-01	1.9326e-03	-1.2245e-03	1.0097e+00	-2.0115e+00	4.8319e+00
	1.6973e-01	1.3953e-04	-2.3298e-03	-3.6314e+00	-2.6306e+00	4.9899e+00
	0.0000e+00	-1.0233e-03	-2.6707e-02	-1.4038e+00	3.8452e+01	3.9780e+00
	0.0000e+00	3.8220e-04	-2.6344e-02	-9.1452e-01	4.1904e+01	3.7122e+00
327	2.6018e-01	1.5382e-04	-8.7050e-04	7.6174e-01	-2.4884e+00	9.7819e+00
	2.6018e-01	-4.7438e-03	-5.0576e-03	-6.7421e+00	-2.9841e+00	1.2613e+01
	0.0000e+00	-5.4888e-03	-2.8621e-02	-2.1685e+00	3.2004e+01	1.0938e+01
	0.0000e+00	-9.6374e-04	-2.5572e-02	-6.9676e-01	3.7984e+01	8.0117e+00
326	3.3216e-01	-4.9408e-03	-1.0056e-02	-5.9696e+00	-5.2260e+00	1.9829e+01
	3.3216e-01	-1.5974e-02	8.8117e-03	-2.9121e-01	-7.0411e+00	2.3336e+01
	0.0000e+00	-1.6117e-02	-8.2899e-04	-1.7583e+00	1.9635e+01	2.0265e+01
	0.0000e+00	-5.2273e-03	-2.1150e-02	-8.4426e-01	2.9536e+01	1.6719e+01
325	3.4846e-01	-1.6177e-02	-2.6964e-03	-4.4759e+01	-1.3999e+01	2.7296e+01
	3.4846e-01	-2.1526e-02	-3.4831e-02	6.4716e+01	2.2790e+01	1.2571e+01
	0.0000e+00	-2.1526e-02	-7.4038e-04	8.2245e+00	-4.9809e+00	1.6451e+01
	0.0000e+00	-1.5580e-02	2.9870e-02	-3.9328e+00	1.7116e+01	3.1123e+01
324	0.0000e+00	-1.0272e-02	1.0510e-02	-2.2048e+00	3.9858e+01	5.1981e+00
	0.0000e+00	1.5179e-02	8.2516e-03	-2.2084e+00	3.7391e+01	-6.4860e+00
	2.5595e-03	1.4445e-03	2.2606e-03	-8.8264e+00	1.5597e+01	-1.5783e+00
323	-1.9277e-02	3.5212e-01	-4.5397e-02	-3.0206e+01	-5.8913e+01	1.8741e+01
	-2.8720e-02	7.1938e-03	1.3642e-02	2.0589e+00	-2.4090e+00	1.6095e+01
	-1.1532e-02	-3.0867e-02	-7.3023e-02	-2.3762e+01	1.7426e+01	3.0677e+01

	-2.0975e-02	3.4595e-01	-5.9933e-02	2.0647e+00	6.2307e+01	2.0448e+01
322	0.0000e+00	-4.7033e-03	2.6712e-02	3.5641e+00	-2.9030e+01	-2.5901e+01
	0.0000e+00	5.1477e-02	3.4412e-02	1.6526e+00	-1.4975e+01	-2.1203e+01
	3.4128e-01	-2.8529e-02	-6.5823e-02	1.1092e+01	5.8565e+00	-1.7355e+01
	3.4128e-01	-4.4707e-02	-1.4803e-04	1.8840e+00	9.4206e+00	-1.9754e+01
321	-1.6142e-16	5.6085e-02	3.1734e-02	2.3857e+00	-2.4868e+01	-1.5034e+01
	-1.7185e-16	8.7076e-02	3.5826e-02	1.3936e-01	-1.9434e+01	-1.0059e+01
	2.6418e-01	-5.4026e-02	-6.5096e-02	6.0476e+00	-4.4247e+00	-4.8844e+00
	2.6418e-01	-4.4479e-02	-2.3397e-02	2.7330e+00	-8.1116e+00	-9.2519e+00
320	0.0000e+00	-7.6661e-03	-5.3556e-02	-3.9260e-01	-3.4108e+01	1.5947e+00
	0.0000e+00	1.1614e-03	-8.5168e-03	9.7369e-01	-3.8919e+01	2.5433e+00
	2.0263e-01	1.1614e-03	2.9687e-03	2.7454e-01	1.3640e+00	2.4925e+00
	2.0263e-01	2.9715e-04	-6.9474e-03	2.0859e+00	-1.7268e+00	-2.0631e-01
319	0.0000e+00	1.1614e-03	-7.9728e-03	6.8504e-01	-3.8201e+01	5.2949e+00
	0.0000e+00	8.5317e-03	-1.3676e-03	-6.7819e-01	-3.3137e+01	5.3912e+00
	1.4153e-01	7.2550e-04	-1.5325e-02	1.5455e+00	3.4013e+00	8.9079e+00
	1.4153e-01	1.1614e-03	3.0737e-03	-5.0259e-01	1.3819e+00	6.4985e+00
318	0.0000e+00	6.5323e-03	1.4618e-03	2.2956e+00	-3.6388e+01	7.0325e+00
	0.0000e+00	1.0284e-02	1.7407e-02	-5.5353e-02	-2.4431e+01	9.0909e+00
	1.1926e-01	-7.8521e-03	-1.1898e-02	5.7382e+00	1.7537e+00	1.6165e+01
	1.1926e-01	-2.5357e-03	-6.7747e-03	3.4723e-01	-5.8663e+00	1.3315e+01
317	0.0000e+00	8.7556e-03	1.8488e-02	2.2852e+00	-2.9904e+01	1.1195e+01
	0.0000e+00	2.0636e-02	3.8052e-02	-1.2988e-01	-1.1438e+01	1.3843e+01
	1.3609e-01	-1.5504e-02	-1.7030e-02	2.4138e+00	3.7614e-01	2.4498e+01
	1.3609e-01	-1.5338e-02	-1.2551e-02	2.0880e+00	-1.1939e+01	2.1487e+01
316	0.0000e+00	-3.3709e-03	-2.8929e-02	1.0900e+00	-1.8334e+01	3.1568e+01
	0.0000e+00	-3.6498e-02	4.3887e-02	-5.8816e+00	1.5425e+00	1.4318e+01
	2.0099e-01	-3.6498e-02	4.5840e-02	-5.0185e+01	-2.0492e+01	1.4799e+01
	2.0099e-01	-1.7307e-03	1.5231e-02	3.8719e+01	6.3185e+00	2.9481e+01
315	0.0000e+00	3.5138e-02	5.7347e-02	2.3842e+00	-2.9992e+01	-8.8334e+00

	0.0000e+00	-8.2366e-03	-5.4379e-02	1.5051e+00	-3.8306e+01	6.0663e-01
	1.4385e-01	1.4435e-03	-1.5483e-02	7.7786e+00	-8.6183e+00	-6.8528e+00
314	1.3896e-17	-1.9385e-02	5.6930e-02	3.1428e+00	-2.4812e+01	1.4865e+01
	3.2004e-18	5.5307e-03	-1.8332e-02	2.2098e+00	-3.5591e+01	2.7047e+01
	1.0171e-01	-1.5400e-03	-5.3914e-03	1.0705e+01	2.2746e+00	1.6307e+01
313	-1.9068e-02	3.4916e-01	-4.8060e-02	2.9752e+01	5.8387e+01	-1.9060e+01
	-2.7813e-02	5.2612e-03	9.2454e-03	-1.5795e+00	2.2457e+00	-1.6302e+01
	-1.1950e-02	-3.0319e-02	-7.1795e-02	2.3749e+01	-1.7528e+01	-3.0768e+01
	-2.0695e-02	3.4538e-01	-5.7042e-02	-2.0395e+00	-6.2258e+01	-2.0591e+01
312	0.0000e+00	-4.3776e-03	2.5165e-02	-3.5634e+00	2.8880e+01	2.5873e+01
	0.0000e+00	4.9731e-02	3.4326e-02	-1.5943e+00	1.5160e+01	2.1163e+01
	3.3762e-01	-2.8958e-02	-6.5100e-02	-1.0971e+01	-5.7953e+00	1.7388e+01
	3.3762e-01	-4.3722e-02	-1.6729e-03	-1.8998e+00	-9.3631e+00	1.9842e+01
311	-1.6018e-16	5.5551e-02	3.0942e-02	-2.3751e+00	2.4898e+01	1.5152e+01
	-1.7043e-16	8.7799e-02	3.5235e-02	-1.6401e-01	1.9334e+01	1.0204e+01
	2.6117e-01	-5.3289e-02	-6.3875e-02	-6.1343e+00	4.3559e+00	4.9376e+00
	2.6117e-01	-4.5004e-02	-2.2898e-02	-2.7226e+00	8.2184e+00	9.3031e+00
310	0.0000e+00	-6.4317e-03	-5.1958e-02	3.7423e-01	3.4005e+01	-1.5812e+00
	0.0000e+00	7.5447e-04	-7.2252e-03	-9.9275e-01	3.8739e+01	-2.6182e+00
	2.0131e-01	7.5447e-04	2.3799e-03	-3.5811e-01	-1.4467e+00	-2.5930e+00
	2.0131e-01	2.2781e-04	-7.4594e-03	-2.1279e+00	1.7185e+00	1.7120e-01
309	0.0000e+00	7.5447e-04	-7.7506e-03	-7.6422e-01	3.8064e+01	-5.5407e+00
	0.0000e+00	5.6884e-03	-1.7085e-03	8.4722e-01	3.3463e+01	-5.5681e+00
	1.4169e-01	-2.0842e-03	-1.5741e-02	-1.0647e+00	-3.3047e+00	-8.9397e+00
	1.4169e-01	7.5447e-04	3.2483e-03	2.7591e-01	-1.3301e+00	-6.5553e+00
308	0.0000e+00	6.6560e-03	-3.0778e-03	-2.2678e+00	3.6693e+01	-6.8180e+00
	0.0000e+00	1.7192e-02	1.3630e-02	-5.9218e-02	2.4234e+01	-8.8476e+00
	1.1673e-01	-8.8967e-03	-9.1543e-03	-6.0394e+00	-1.8346e+00	-1.6099e+01
	1.1673e-01	-6.3881e-03	-5.2408e-03	-2.5571e-01	5.9784e+00	-1.3314e+01
307	0.0000e+00	1.0462e-02	1.8392e-02	-2.3037e+00	2.9877e+01	-1.1251e+01

	0.0000e+00	2.1925e-02	3.6902e-02	1.6389e-01	1.1570e+01	-1.3894e+01
	1.3379e-01	-1.5981e-02	-1.6127e-02	-2.5590e+00	-5.1547e-01	-2.4523e+01
	1.3379e-01	-1.4808e-02	-1.1001e-02	-2.0117e+00	1.1879e+01	-2.1518e+01
306	0.0000e+00	-4.0617e-03	-2.8579e-02	-1.1846e+00	1.8183e+01	-3.1745e+01
	0.0000e+00	-3.6983e-02	3.9684e-02	5.8579e+00	-1.2001e+00	-1.4701e+01
	1.9965e-01	-3.6983e-02	4.4071e-02	4.9866e+01	2.0035e+01	-1.5123e+01
	1.9965e-01	-3.7703e-04	1.7734e-02	-3.8705e+01	-6.2719e+00	-2.9653e+01
305	0.0000e+00	3.4028e-02	5.7516e-02	-2.3864e+00	2.9999e+01	8.9047e+00
	0.0000e+00	-7.4906e-03	-5.3485e-02	-1.5097e+00	3.8162e+01	-5.5023e-01
	1.4292e-01	1.7754e-03	-1.5348e-02	-7.7923e+00	8.6513e+00	6.8153e+00
304	1.3352e-17	-1.7393e-02	5.5448e-02	-3.1438e+00	2.4881e+01	-1.4821e+01
	3.0029e-18	5.3489e-03	-1.7376e-02	-2.2156e+00	3.5321e+01	-2.7016e+01
	9.8410e-02	-1.1050e-03	-4.3927e-03	-1.0719e+01	-2.1773e+00	-1.6501e+01
303	-3.7058e-02	7.5491e-05	1.0379e-03	-3.4878e+00	-5.2016e+00	-6.3550e+00
	-3.9830e-02	2.9990e-01	-3.8846e-03	-1.4186e+01	-5.0929e+01	-7.7473e+00
	-1.1367e-02	2.9779e-01	7.9645e-03	1.0376e+01	4.0239e+01	-1.5909e+01
	-1.4139e-02	-5.9808e-03	3.7435e-02	-2.3596e+01	5.9076e+00	-1.8623e+01
302	2.6721e-01	-1.5235e-02	4.4351e-04	-5.1794e-01	5.6072e+00	1.1830e+01
	2.6721e-01	-2.9714e-03	2.8897e-02	4.7040e+00	5.6896e+00	9.6081e+00
	0.0000e+00	5.2965e-03	-1.7176e-03	-5.4074e-01	-2.9397e+01	9.9421e+00
	0.0000e+00	-1.1101e-02	-8.4942e-03	2.2929e+00	-2.8334e+01	1.1621e+01
301	1.9843e-01	-5.9213e-03	1.3192e-02	2.7924e+00	-4.0018e+00	4.2933e+00
	1.9843e-01	-3.8049e-03	2.7020e-02	-2.3777e-01	1.6074e+00	1.0491e+00
	0.0000e+00	1.7288e-02	3.9512e-04	-1.5352e+00	-3.0903e+01	4.7327e+00
	0.0000e+00	8.1406e-03	2.6648e-03	2.7166e+00	-3.4759e+01	7.0699e+00
300	1.2287e-01	-2.0732e-03	1.0409e-02	1.6772e+00	-9.5117e+00	-4.2102e-01
	1.2287e-01	-4.7750e-03	2.4910e-02	-7.6048e-01	-1.9451e+00	-2.7685e+00
	0.0000e+00	1.8189e-02	2.7318e-03	-2.0431e+00	-2.8566e+01	2.4650e+00
	0.0000e+00	1.5150e-02	-1.8015e-03	2.9987e+00	-3.6663e+01	4.2995e+00
299	5.8788e-02	-3.3113e-03	5.2446e-03	1.3567e+00	-1.3038e+01	-1.7422e+00

	5.8788e-02	-4.1408e-03	1.5399e-02	-7.5878e-01	-5.8801e+00	-3.9567e+00
	-7.6325e-18	2.0817e-02	6.9355e-03	-2.1212e+00	-2.6247e+01	1.5528e+00
	-8.5707e-18	1.6655e-02	1.5502e-03	3.0795e+00	-3.6003e+01	3.9207e+00
298	1.3998e-02	3.8068e-05	-1.9346e-04	5.6205e-01	-1.5289e+01	-5.1420e-01
	1.3998e-02	-2.1669e-03	6.9533e-03	7.1265e-01	-1.0520e+01	-2.9375e+00
	6.4924e-18	1.4150e-02	8.8520e-03	-2.3748e+00	-2.9104e+01	8.6111e-01
	8.4756e-18	1.3935e-02	2.6939e-03	3.0635e+00	-3.4640e+01	4.0179e+00
297	-1.3003e-02	1.4899e-03	6.3638e-03	6.4031e-01	-8.4159e+00	2.3843e+00
	-1.3003e-02	1.9122e-03	3.4917e-05	4.1465e-01	-1.4218e+01	6.2112e-01
	0.0000e+00	-2.9023e-03	-7.4290e-04	3.4310e+00	-3.7923e+01	-4.1671e+00
	0.0000e+00	-4.3377e-03	4.6677e-03	-2.4256e+00	-3.0366e+01	-1.8305e+00
296	-2.7396e-02	2.1336e-03	4.7007e-03	-1.2801e+00	-3.3421e+00	3.6867e+00
	-2.7396e-02	2.3185e-03	1.9634e-03	8.1651e-01	-1.1605e+01	2.6628e+00
	1.3336e-18	-5.5445e-04	-2.5862e-03	3.3605e+00	-4.0023e+01	-3.1302e+00
	1.2044e-18	-1.5050e-03	-1.7837e-03	-2.4248e+00	-2.8497e+01	-2.0721e+00
295	-2.7870e-02	1.9334e-03	2.4522e-03	-1.1447e+00	9.8288e-02	3.5721e+00
	-2.7870e-02	1.9973e-03	1.0317e-03	2.3089e-01	-8.4436e+00	3.4266e+00
	-2.6507e-18	1.7303e-03	-4.0420e-03	3.1707e+00	-4.2457e+01	-1.7639e+00
	-2.5625e-18	1.5694e-03	-4.5898e-03	-2.3155e+00	-3.1344e+01	-2.0244e+00
294	-1.4876e-02	1.4296e-03	-7.6382e-04	-1.2251e+00	2.6925e+00	2.7929e+00
	-1.4876e-02	1.7070e-03	-1.0760e-03	-3.7233e-01	-4.5269e+00	3.4828e+00
	0.0000e+00	2.9369e-03	-5.4015e-03	2.5842e+00	-4.4094e+01	-3.7314e-01
	0.0000e+00	3.3614e-03	-6.1399e-03	-1.9879e+00	-3.5087e+01	-1.9109e+00
293	1.3065e-02	1.4317e-03	-3.9774e-03	-1.3878e+00	4.0662e+00	1.4634e+00
	1.3065e-02	1.6166e-03	-3.2343e-03	-7.9000e-01	-5.2988e-01	2.7258e+00
	0.0000e+00	2.7768e-03	-7.9998e-03	1.6040e+00	-4.4322e+01	7.5891e-01
	0.0000e+00	4.1342e-03	-7.8202e-03	-1.3133e+00	-3.8932e+01	-1.7192e+00
292	5.8438e-02	1.5421e-03	-5.2939e-03	-1.4984e+00	3.6259e+00	-2.9207e-01
	5.8438e-02	1.7749e-03	-5.1401e-03	-6.3333e-01	2.3967e+00	1.0268e+00
	0.0000e+00	1.1748e-03	-1.4736e-02	4.9897e-01	-4.2504e+01	1.2768e+00

	0.0000e+00	3.3638e-03	-1.0762e-02	-3.0201e-01	-4.2000e+01	-1.4036e+00
291	1.2349e-01	1.8096e-03	-3.5054e-03	-8.0706e-01	1.9652e+00	-2.3485e+00
	1.2349e-01	6.2767e-04	-5.1145e-03	1.6984e+00	2.7326e+00	-1.2004e+00
	0.0000e+00	-2.2274e-05	-1.9115e-02	1.0092e+00	-4.0913e+01	-4.5901e-01
	0.0000e+00	9.4302e-04	-1.8046e-02	9.9214e-01	-4.3242e+01	-1.5078e+00
290	2.0071e-01	6.6142e-04	-3.4582e-03	-1.0834e+00	2.2813e+00	-5.1546e+00
	2.0071e-01	-2.8640e-03	-7.0454e-03	4.1977e+00	2.8280e+00	-5.7519e+00
	0.0000e+00	-3.3290e-03	-2.2087e-02	1.6313e+00	-3.6457e+01	-4.4981e+00
	0.0000e+00	-3.6090e-05	-1.9378e-02	7.3670e-01	-4.0873e+01	-3.8034e+00
289	2.6759e-01	-2.9833e-03	-9.8675e-03	3.1038e+00	4.4066e+00	-1.1592e+01
	2.6759e-01	-1.2715e-02	4.5148e-03	6.9890e-01	5.9796e+00	-1.3045e+01
	0.0000e+00	-1.2809e-02	-2.0568e-03	1.6515e+00	-2.5658e+01	-1.0310e+01
	0.0000e+00	-3.1723e-03	-1.7610e-02	6.0789e-01	-3.4619e+01	-8.7962e+00
288	2.9858e-01	-1.2931e-02	-7.6996e-03	3.3983e+01	1.2199e+01	-1.7487e+01
	2.9858e-01	-3.6498e-02	-3.3908e-02	-5.0199e+01	-1.2497e+01	-5.0569e+00
	0.0000e+00	-3.6498e-02	1.6732e-05	-5.8630e+00	-3.3846e+00	-6.5145e+00
	0.0000e+00	-1.2337e-02	2.4919e-02	2.8385e+00	-2.2664e+01	-1.8882e+01
287	0.0000e+00	-5.1772e-03	5.1843e-03	2.2232e+00	-4.0130e+01	-6.1243e+00
	0.0000e+00	8.5759e-03	5.9262e-03	2.2289e+00	-3.7683e+01	5.6630e+00
	-8.4069e-04	1.1539e-03	1.6297e-03	8.9042e+00	-1.5679e+01	6.8827e-01
262	0.0000e+00	0.0000e+00	0.0000e+00	6.6865e+00	-1.9489e+00	-2.4230e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.9055e+01	8.3777e+00	-1.3634e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8846e+01	9.6310e+00	-1.0094e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.4018e+01	1.1077e+01	-2.1241e+01
261	0.0000e+00	0.0000e+00	0.0000e+00	1.3767e+01	1.2188e+01	-1.1082e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2334e+01	1.7959e+01	-5.8081e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.5758e+01	1.4277e+01	-1.7954e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.8459e+01	8.7337e+00	-6.8437e+00
260	0.0000e+00	0.0000e+00	0.0000e+00	1.1246e+01	2.0829e+01	-4.3024e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.7757e+00	2.3925e+01	-1.6405e+00

	0.0000e+00	0.0000e+00	0.0000e+00	9.7833e+00	1.7550e+01	9.3768e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2459e+01	1.3700e+01	-1.6280e+00
259	0.0000e+00	0.0000e+00	0.0000e+00	7.9087e+00	2.5841e+01	-1.1597e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.9219e+00	2.7116e+01	1.2526e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.2709e+00	1.9436e+01	1.5389e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.5851e+00	1.6967e+01	2.9239e-01
258	0.0000e+00	0.0000e+00	0.0000e+00	1.6503e+01	4.8045e+00	-1.3528e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0960e+01	5.0350e+00	-1.8003e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0311e+01	8.3257e+00	-1.1476e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.5668e+01	7.5399e+00	-7.0093e-01
257	0.0000e+00	0.0000e+00	0.0000e+00	9.2306e+00	4.4784e+00	-1.5603e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.1449e+00	4.7245e+00	-1.2760e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.4272e+00	8.9168e+00	-7.9413e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.5025e+00	8.4013e+00	-1.0517e+00
256	0.0000e+00	0.0000e+00	0.0000e+00	5.3235e+00	4.5003e+00	-8.6524e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.7983e+00	4.6976e+00	-1.8459e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.5314e+00	9.6444e+00	2.9081e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.3114e+00	9.1076e+00	-3.8091e-01
255	0.0000e+00	0.0000e+00	0.0000e+00	4.9399e+00	4.8319e+00	3.0916e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.9845e+00	5.0733e+00	1.0298e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.7136e+00	1.0410e+01	1.4953e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.0830e+00	9.9322e+00	7.7784e-01
254	0.0000e+00	0.0000e+00	0.0000e+00	8.0616e+00	5.5402e+00	1.5610e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.2795e+01	5.7306e+00	2.0525e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.3130e+01	1.1104e+01	2.3568e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.9374e+00	1.0804e+01	1.8835e+00
253	0.0000e+00	0.0000e+00	0.0000e+00	1.4852e+01	6.4873e+00	2.5008e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.2204e+01	6.4870e+00	2.4425e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.1650e+01	1.1579e+01	2.4574e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.5051e+01	1.1530e+01	2.5516e+00

252	0.0000e+00	0.0000e+00	0.0000e+00	2.5195e+01	7.4486e+00	2.7157e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.4376e+01	7.0533e+00	1.8515e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.2681e+01	1.1664e+01	1.3818e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.4107e+01	1.1979e+01	2.3257e+00
251	0.0000e+00	0.0000e+00	0.0000e+00	3.8002e+01	8.0170e+00	1.9343e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.7230e+01	7.6276e+00	2.5456e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.4881e+01	1.0646e+01	-8.1313e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.5342e+01	1.1985e+01	8.4254e-01
250	0.0000e+00	0.0000e+00	0.0000e+00	5.0858e+01	7.8429e+00	7.3578e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.7609e+01	3.6548e+00	-1.2059e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.6605e+01	1.1561e+01	-3.4781e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.6425e+01	1.0871e+01	-1.4845e+00
249	0.0000e+00	0.0000e+00	0.0000e+00	8.8282e+00	5.3405e+01	5.4331e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.4918e+01	4.9313e+01	9.9166e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.6915e+01	3.9605e+01	5.4609e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.3838e+01	4.7144e+01	1.1394e+00
248	0.0000e+00	0.0000e+00	0.0000e+00	1.6249e+01	4.4908e+01	1.2983e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6124e+01	3.4289e+01	2.0568e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.2361e+01	2.7946e+01	1.2347e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1376e+01	3.9176e+01	5.1257e+00
247	0.0000e+00	0.0000e+00	0.0000e+00	2.4783e+01	2.8863e+01	2.5352e+01
	0.0000e+00	0.0000e+00	0.0000e+00	4.2126e+00	2.3112e+00	3.3522e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6863e+01	2.3044e+01	2.3141e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.4746e+01	2.4288e+01	1.4367e+01
246	0.0000e+00	0.0000e+00	0.0000e+00	2.3807e+01	1.9937e+01	-2.2188e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6981e+01	3.4677e+01	-1.7938e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.6192e+01	3.0331e+01	-5.1389e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.7315e+01	2.4111e+01	-1.1733e+01
245	0.0000e+00	0.0000e+00	0.0000e+00	3.3406e+01	2.2087e+01	5.4672e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.1086e+01	2.2284e+01	1.2042e+01

	0.0000e+00	0.0000e+00	0.0000e+00	4.6280e+01	8.2430e+00	6.4646e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.9188e+01	1.9356e+01	5.3416e-01
244	0.0000e+00	0.0000e+00	0.0000e+00	1.4944e+01	4.9496e+01	-3.2190e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.1225e+01	5.2152e+01	-3.6821e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4579e+01	4.0838e+01	2.4465e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.7997e+01	3.8508e+01	-4.1469e-01
243	0.0000e+00	0.0000e+00	0.0000e+00	1.0002e+01	5.2467e+01	-1.4303e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.2680e+00	5.3724e+01	1.4753e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0003e+01	4.4426e+01	3.8453e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.2197e+01	4.1289e+01	6.1036e-01
242	0.0000e+00	0.0000e+00	0.0000e+00	4.2952e+01	9.5158e+00	-3.9923e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.4269e+01	9.6961e+00	-4.5992e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.4137e+01	3.6189e+00	-6.5887e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.1031e+01	8.4020e+00	-6.0878e+00
241	0.0000e+00	0.0000e+00	0.0000e+00	7.9470e+00	5.3735e+01	7.1731e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.3244e+00	5.2247e+01	9.9798e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.5948e+00	3.7812e+01	7.8972e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.0425e+00	4.0016e+01	5.0758e+00
240	0.0000e+00	0.0000e+00	0.0000e+00	8.2356e+00	5.1689e+01	9.4508e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.6743e-01	4.6959e+01	1.3283e+01
	0.0000e+00	0.0000e+00	0.0000e+00	9.2417e+00	3.4506e+01	9.3157e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.7118e+00	3.6617e+01	5.6661e+00
239	0.0000e+00	0.0000e+00	0.0000e+00	2.8098e+01	1.2816e+01	-8.0239e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.3522e+01	1.0601e+01	-1.9359e+01
	0.0000e+00	0.0000e+00	0.0000e+00	3.0258e+01	7.1422e+00	-2.0451e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1267e+01	1.0121e+01	-1.0344e+01
238	0.0000e+00	0.0000e+00	0.0000e+00	2.4300e+01	3.0878e+01	-1.9607e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.0424e+01	3.3003e+01	4.0991e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.2764e+01	2.4689e+01	2.7029e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.7949e+01	2.3942e+01	-7.0055e-02

237	0.0000e+00	0.0000e+00	0.0000e+00	3.0963e+01	2.3845e+01	-8.7748e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.5525e+01	2.9083e+01	-4.6549e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.0861e+01	2.3687e+01	2.7948e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.7302e+01	2.0695e+01	-3.2788e+00
236	0.0000e+00	0.0000e+00	0.0000e+00	1.2267e+01	3.6811e+01	1.3098e+00
	0.0000e+00	0.0000e+00	0.0000e+00	9.4945e+00	3.8944e+01	1.9873e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0400e+01	2.5508e+01	3.2431e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.3551e+01	2.5616e+01	2.5775e+00
235	0.0000e+00	0.0000e+00	0.0000e+00	9.8904e+00	3.7848e+01	5.8611e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.2660e+00	3.5383e+01	6.1716e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.5382e+00	2.3382e+01	4.0886e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0234e+01	2.4156e+01	3.7700e+00
234	0.0000e+00	0.0000e+00	0.0000e+00	7.9321e+00	3.1734e+01	4.2837e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0117e+01	2.8884e+01	4.2844e+00
	0.0000e+00	0.0000e+00	0.0000e+00	9.4964e+00	1.8711e+01	1.3050e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.6175e+00	2.0600e+01	1.0250e+00
233	0.0000e+00	0.0000e+00	0.0000e+00	1.0926e+01	2.6175e+01	6.8500e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.2644e+01	2.0491e+01	7.3080e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.3248e+01	1.5329e+01	2.0698e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.1637e+01	1.7246e+01	1.8634e+00
232	0.0000e+00	0.0000e+00	0.0000e+00	9.4362e+00	9.9611e+00	-1.0661e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.4190e+00	1.0694e+01	-7.0677e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.4050e+00	1.7844e+01	8.6003e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0391e+01	1.6181e+01	4.8095e-01
231	0.0000e+00	0.0000e+00	0.0000e+00	1.5017e+01	9.4429e+00	-8.1433e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0814e+01	1.0295e+01	-1.3893e+00
	0.0000e+00	0.0000e+00	0.0000e+00	9.7201e+00	1.5391e+01	4.7637e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4226e+01	1.3329e+01	1.0860e+00
230	0.0000e+00	0.0000e+00	0.0000e+00	6.6512e+00	1.0799e+01	-7.9783e-02
	0.0000e+00	0.0000e+00	0.0000e+00	6.5899e+00	1.1524e+01	5.8410e-01

	0.0000e+00	0.0000e+00	0.0000e+00	7.0103e+00	1.9782e+01	1.8748e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.9343e+00	1.8508e+01	1.2084e+00
229	0.0000e+00	0.0000e+00	0.0000e+00	6.6472e+00	1.1859e+01	1.3594e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.6215e+00	1.2400e+01	1.9553e+00
	0.0000e+00	0.0000e+00	0.0000e+00	9.0670e+00	2.1238e+01	2.9215e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.7764e+00	2.0292e+01	2.3247e+00
228	0.0000e+00	0.0000e+00	0.0000e+00	9.5253e+00	1.3052e+01	2.6504e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.3576e+01	1.3318e+01	2.9266e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.3832e+01	2.1785e+01	3.1245e+00
	0.0000e+00	0.0000e+00	0.0000e+00	9.8605e+00	2.1727e+01	2.8619e+00
227	0.0000e+00	0.0000e+00	0.0000e+00	1.5506e+01	1.4037e+01	3.4982e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.1607e+01	1.3918e+01	3.0777e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.1019e+01	2.1566e+01	2.7750e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.4928e+01	2.1922e+01	3.1963e+00
226	0.0000e+00	0.0000e+00	0.0000e+00	2.4238e+01	1.4732e+01	3.3242e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.1921e+01	1.4204e+01	1.8307e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.9871e+01	2.0432e+01	8.2925e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.2354e+01	2.1475e+01	2.3016e+00
225	0.0000e+00	0.0000e+00	0.0000e+00	3.4956e+01	1.5059e+01	2.2252e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.3434e+01	1.3736e+01	-4.8795e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.9630e+01	1.7590e+01	-2.9256e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.0879e+01	2.0085e+01	-1.3734e-01
224	0.0000e+00	0.0000e+00	0.0000e+00	1.8583e+01	3.4316e+01	9.5591e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4319e+01	3.6108e+01	2.1954e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.5771e+01	2.5627e+01	3.8459e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.0312e+01	2.4863e+01	2.5492e+00
223	0.0000e+00	0.0000e+00	0.0000e+00	7.8195e+00	3.5060e+01	4.8445e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.2649e+00	3.2835e+01	4.9193e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.0369e+00	2.1366e+01	2.4434e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.2869e+00	2.3072e+01	2.3283e+00

222	0.0000e+00	0.0000e+00	0.0000e+00	4.2020e+00	2.8188e+01	1.0329e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0914e-01	2.8773e+01	3.6674e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.4522e+00	2.1241e+01	1.9686e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.3174e+00	1.8993e+01	9.2261e-01
221	0.0000e+00	0.0000e+00	0.0000e+00	2.0465e+00	2.8154e+01	-5.9485e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0572e+00	2.9305e+01	5.4477e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.6562e-01	2.1141e+01	1.3931e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.6326e+00	1.9893e+01	9.7714e-01
220	0.0000e+00	0.0000e+00	0.0000e+00	3.0255e-02	2.9056e+01	-1.0319e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5933e+00	2.9596e+01	4.1858e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.5872e-01	2.0966e+01	8.8606e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4091e-01	2.0121e+01	5.3089e-01
219	0.0000e+00	0.0000e+00	0.0000e+00	-1.2633e+00	2.9393e+01	-3.1844e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5682e+00	2.9670e+01	2.4805e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0698e+00	2.0906e+01	4.1130e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.5049e-01	2.0558e+01	1.2928e-02
218	0.0000e+00	0.0000e+00	0.0000e+00	1.7748e+01	-1.6084e+00	-8.1339e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1049e+01	-1.3354e+00	-7.3104e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0670e+01	-1.2130e+00	-4.1089e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7561e+01	-1.5347e+00	-3.8902e-01
217	0.0000e+00	0.0000e+00	0.0000e+00	8.8118e+00	-1.7932e+00	-4.1774e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.5880e+00	-1.6985e+00	-3.7287e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.4876e+00	-1.5139e+00	-2.4411e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.6615e+00	-1.6574e+00	-2.4678e-01
216	0.0000e+00	0.0000e+00	0.0000e+00	3.5016e+00	-1.9444e+00	-2.8171e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.3015e+00	-1.9669e+00	-2.1555e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.3697e+00	-1.6882e+00	-2.1567e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.5003e+00	-1.7188e+00	-2.6730e-01
215	0.0000e+00	0.0000e+00	0.0000e+00	2.4945e+00	-1.9514e+00	-4.5467e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.4207e+00	-2.2483e+00	-5.6287e-01

	0.0000e+00	0.0000e+00	0.0000e+00	4.8897e+00	-1.3839e+00	-5.0732e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.5970e+00	-1.6559e+00	-5.4384e-01
214	0.0000e+00	0.0000e+00	0.0000e+00	5.5331e+00	-1.9471e+00	-1.5631e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0920e+01	-2.1583e+00	-2.1400e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.3100e+01	-1.0315e+00	-2.2171e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.4667e+00	-8.2734e-01	-2.1937e+00
213	0.0000e+00	0.0000e+00	0.0000e+00	1.3772e+01	-1.3021e+00	3.4163e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.0881e+01	-1.0593e+00	5.2027e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.2916e+01	7.2223e-01	4.9756e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.5745e+01	9.0357e-01	3.7377e+00
212	0.0000e+00	0.0000e+00	0.0000e+00	2.6006e+01	-1.1180e+00	3.9754e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.5155e+01	-1.4668e+00	5.4923e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.6984e+01	1.3035e-01	4.7632e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.7865e+01	4.4104e-01	3.9119e+00
211	0.0000e+00	0.0000e+00	0.0000e+00	4.0795e+01	-1.3680e+00	2.4760e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.0158e+01	-1.7868e+00	3.0231e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.1143e+01	-1.0582e+00	2.1904e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.1712e+01	-4.5165e-01	1.9695e+00
210	0.0000e+00	0.0000e+00	0.0000e+00	5.3711e+01	-1.3265e+00	2.0447e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.1222e+01	-1.9968e+00	2.2856e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.0911e+01	-1.1043e+00	1.6233e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.4358e+01	-8.6991e-01	1.5789e+00
209	0.0000e+00	0.0000e+00	0.0000e+00	-2.4229e+00	6.0963e+01	-1.6134e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.1144e+00	6.0992e+01	-1.2484e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.7465e-02	5.4361e+01	-1.4150e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.0861e-01	5.4853e+01	-1.7701e+00
208	0.0000e+00	0.0000e+00	0.0000e+00	-1.4284e+00	6.0153e+01	2.8220e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.3085e+00	5.9715e+01	3.0905e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.3886e+00	5.2832e+01	2.0524e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.5455e+00	5.5289e+01	1.7824e+00

207	0.0000e+00	0.0000e+00	0.0000e+00	-2.8777e-01	5.9414e+01	1.7549e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.3673e+00	5.9287e+01	2.3095e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.5341e+00	5.0049e+01	7.5695e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.0539e+00	5.4613e+01	-5.8893e-01
206	0.0000e+00	0.0000e+00	0.0000e+00	4.6657e+01	6.4263e+00	7.1735e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.7390e+01	7.3535e+00	6.4515e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.9930e+01	6.4797e+00	8.4649e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.6922e+01	4.3412e+00	7.3588e+00
205	0.0000e+00	0.0000e+00	0.0000e+00	4.5242e+00	3.3471e+01	-2.8838e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.7294e+00	3.4434e+01	-2.9780e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.6459e+00	2.4644e+01	-2.7988e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.4886e+00	2.4989e+01	-1.9412e+00
204	0.0000e+00	0.0000e+00	0.0000e+00	2.1999e+01	5.5412e+00	1.9855e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.4511e+01	4.7296e+00	1.7123e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.3916e+01	2.5482e+00	1.5231e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.1220e+01	2.2266e+00	1.7375e+00
203	0.0000e+00	0.0000e+00	0.0000e+00	1.1994e+01	4.6742e+00	2.2542e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.5276e+00	4.0881e+00	1.4667e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.4197e+00	2.3106e+00	1.4800e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.1530e+01	2.2973e+00	1.8239e+00
202	0.0000e+00	0.0000e+00	0.0000e+00	2.1126e+00	6.0828e+00	-7.2414e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.5362e+00	6.3049e+00	-6.7414e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.4820e+00	4.5658e+00	-1.7615e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4323e+00	3.8227e+00	4.2374e-02
201	0.0000e+00	0.0000e+00	0.0000e+00	4.0935e+00	3.3401e+00	-3.2642e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.0358e+00	3.3815e+00	-7.4716e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.5554e+00	1.1420e+00	-8.0831e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.8293e+00	1.3206e+00	-3.8880e-01
200	0.0000e+00	0.0000e+00	0.0000e+00	5.7640e+00	3.0695e+00	-8.5986e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.4139e+00	3.2052e+00	-6.0673e-01

	0.0000e+00	0.0000e+00	0.0000e+00	9.0300e+00	1.8316e+00	-6.3905e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.4938e+00	1.4377e+00	-3.9032e-01
199	0.0000e+00	0.0000e+00	0.0000e+00	2.1217e+00	1.1965e+01	1.9016e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.4777e+00	1.0942e+01	1.3243e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.9779e+00	1.6845e+01	1.1110e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.8458e+00	1.7004e+01	6.5803e-01
198	0.0000e+00	0.0000e+00	0.0000e+00	3.4130e+01	1.8757e+00	1.4178e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.6188e+01	3.1910e+00	-6.5815e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.2902e+01	1.3430e-01	2.0417e-02
	0.0000e+00	0.0000e+00	0.0000e+00	3.0185e+01	1.2808e-01	3.4642e-01
197	0.0000e+00	0.0000e+00	0.0000e+00	4.4406e+00	9.5832e+00	-7.9468e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.9466e+00	1.3940e+01	-9.5142e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.7717e+00	8.4390e+00	-4.9294e+00
196	0.0000e+00	0.0000e+00	0.0000e+00	1.0885e+01	1.9910e+00	1.1990e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.0113e+00	2.3310e+00	9.3844e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.5499e+00	-1.7172e-01	7.3921e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0005e+01	1.1191e-01	1.3227e+00
195	0.0000e+00	0.0000e+00	0.0000e+00	6.1114e+00	1.6930e+00	-3.0389e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.6003e+00	1.2224e+00	-5.8851e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.9273e+00	-2.7912e-01	-6.8139e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.1921e+00	-5.1652e-01	-5.8209e-01
194	0.0000e+00	0.0000e+00	0.0000e+00	5.6140e+00	1.0132e+00	-1.9020e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.3050e+00	1.3762e+00	-2.4708e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.9885e+00	-3.5841e-01	1.6963e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.9097e+00	-3.5630e-01	-1.2516e-01
193	0.0000e+00	0.0000e+00	0.0000e+00	1.0070e+01	3.3077e+00	-2.9381e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.4938e+01	2.0645e+00	-3.2240e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.6615e+01	1.4204e+00	-4.2181e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0077e+01	1.1610e+00	-3.4454e+00
192	0.0000e+00	0.0000e+00	0.0000e+00	8.7906e+00	-1.3699e+00	-7.4297e-01

	0.0000e+00	0.0000e+00	0.0000e+00	4.5740e+00	-1.3397e+00	-6.5010e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.7545e+00	-6.0763e-01	-5.2411e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.6947e+00	-7.5680e-01	-6.3976e-01
191	0.0000e+00	0.0000e+00	0.0000e+00	1.7648e+01	-9.0906e-01	-1.9035e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0718e+01	-7.7139e-01	-1.6556e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0426e+01	-1.3872e-01	-1.3055e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.7133e+01	-6.3973e-01	-1.4272e+00
190	0.0000e+00	0.0000e+00	0.0000e+00	3.6007e+00	-1.5609e+00	-5.8269e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.4580e+00	-1.6126e+00	-3.7965e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.7558e+00	-7.1474e-01	-3.8196e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.7071e+00	-7.5410e-01	-5.7849e-01
189	0.0000e+00	0.0000e+00	0.0000e+00	2.5820e+00	-1.4350e+00	-6.5992e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.6764e+00	-1.7667e+00	-5.4894e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.0983e+00	-4.0036e-01	-6.3044e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.8214e+00	-6.1837e-01	-6.8341e-01
188	0.0000e+00	0.0000e+00	0.0000e+00	6.4639e+00	-3.8723e-01	-1.9662e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.2192e+01	-7.5055e-01	-2.4912e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0143e+01	-1.9531e-01	-2.9965e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.1816e+00	-3.6745e-01	-1.4075e+00
187	0.0000e+00	0.0000e+00	0.0000e+00	1.6030e+01	5.1638e-01	6.1825e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.3613e+01	6.0267e-01	7.6634e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.6744e+01	2.8624e+00	8.4013e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.9380e+01	2.8243e+00	6.1418e+00
186	0.0000e+00	0.0000e+00	0.0000e+00	2.5601e+01	3.0397e+00	1.0643e+01
	0.0000e+00	0.0000e+00	0.0000e+00	3.4219e+01	3.2903e+00	1.3056e+01
	0.0000e+00	0.0000e+00	0.0000e+00	3.4414e+01	5.1096e+00	1.2653e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.8118e+01	5.0458e+00	1.0853e+01
185	0.0000e+00	0.0000e+00	0.0000e+00	4.2207e+01	-6.5777e-01	1.5303e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.1697e+01	-1.3752e+00	1.5844e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.2259e+01	-5.4131e-01	1.2159e+00

	0.0000e+00	0.0000e+00	0.0000e+00	4.4320e+01	5.6934e-03	4.8994e-01
184	0.0000e+00	0.0000e+00	0.0000e+00	2.0989e+01	2.4752e+00	1.1235e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.3650e+01	2.2758e+00	8.1173e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2101e+01	3.7897e-01	8.3928e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.9927e+01	3.3694e-02	1.1547e+00
183	0.0000e+00	0.0000e+00	0.0000e+00	3.4237e+00	1.1066e+00	-3.9292e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.2464e+00	1.1554e+00	-7.3206e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.9640e+00	-4.5650e-01	-7.0372e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.9925e+00	-4.6009e-01	-3.8139e-01
182	0.0000e+00	0.0000e+00	0.0000e+00	2.7804e+01	7.6235e+00	1.3918e+01
	0.0000e+00	0.0000e+00	0.0000e+00	3.3903e+01	7.6183e+00	1.6626e+01
	0.0000e+00	0.0000e+00	0.0000e+00	3.1097e+01	9.6921e+00	1.3452e+01
181	0.0000e+00	0.0000e+00	0.0000e+00	4.1800e+01	2.4590e+00	7.6372e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.0670e+01	2.9041e+00	7.9481e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.6014e+01	2.7627e+00	6.1907e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.9014e+01	5.3412e+00	6.3087e+00
180	0.0000e+00	0.0000e+00	0.0000e+00	-2.1447e+00	2.9741e+01	-2.1577e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5755e+00	3.0092e+01	-1.2638e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1791e+00	2.1505e+01	6.3450e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7557e+00	2.0901e+01	-1.6728e-01
179	0.0000e+00	0.0000e+00	0.0000e+00	-1.5278e+00	2.9001e+01	-6.6795e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.1417e-01	2.9619e+01	-7.5966e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.8100e-01	2.0980e+01	1.7578e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0014e+00	2.0547e+01	-1.6304e-01
178	0.0000e+00	0.0000e+00	0.0000e+00	-9.9258e-01	2.8963e+01	-8.7666e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.6040e-01	2.9268e+01	-3.8530e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.9583e-01	2.0497e+01	-2.9749e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.0223e-01	2.0305e+01	-6.0570e-01
177	0.0000e+00	0.0000e+00	0.0000e+00	-2.3053e-01	2.8757e+01	-1.0627e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.9079e+00	2.8814e+01	-4.7751e-01

	0.0000e+00	0.0000e+00	0.0000e+00	2.4684e+00	2.0054e+01	-7.0957e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.1666e-01	2.0407e+01	-1.1093e+00
176	0.0000e+00	0.0000e+00	0.0000e+00	1.7269e+01	1.8830e+00	3.4218e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0940e+01	2.1592e+00	6.2767e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0760e+01	4.4636e-01	8.3811e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7440e+01	3.1508e-01	6.5962e-01
175	0.0000e+00	0.0000e+00	0.0000e+00	9.0603e+00	1.8770e+00	8.7934e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.3023e+00	1.8262e+00	7.6379e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.9278e+00	6.0441e-02	7.9961e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.9050e+00	-5.8433e-02	9.2222e-01
174	0.0000e+00	0.0000e+00	0.0000e+00	4.4591e+00	1.6758e+00	6.1880e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.5746e+00	1.6478e+00	2.6050e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.0389e+00	-2.1883e-01	2.3442e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.0677e+00	-2.0585e-01	5.8429e-01
173	0.0000e+00	0.0000e+00	0.0000e+00	3.7871e+00	1.7285e+00	2.5841e-03
	0.0000e+00	0.0000e+00	0.0000e+00	5.7106e+00	1.8685e+00	-4.5207e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.9997e+00	-2.9976e-01	-3.8135e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.1890e+00	-2.1609e-01	4.2586e-02
172	0.0000e+00	0.0000e+00	0.0000e+00	6.9951e+00	2.1614e+00	-4.5136e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2048e+01	2.1220e+00	-8.6914e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0238e+01	-1.6658e-01	-8.9409e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.0645e+00	-8.6631e-02	-4.0839e-01
171	0.0000e+00	0.0000e+00	0.0000e+00	1.4882e+01	2.6756e+00	-4.1780e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.0699e+01	2.2539e+00	-6.9486e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8402e+01	3.2887e-01	-8.8397e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2086e+01	2.9914e-01	-5.0170e-01
170	0.0000e+00	0.0000e+00	0.0000e+00	6.1539e+00	1.5115e+01	-1.2045e+01
	0.0000e+00	0.0000e+00	0.0000e+00	5.0960e+00	1.2261e+01	-1.0195e+01
	0.0000e+00	0.0000e+00	0.0000e+00	6.8067e+00	1.5562e+01	-1.1409e+01
	0.0000e+00	0.0000e+00	0.0000e+00	7.1947e+00	1.7379e+01	-1.2976e+01

169	0.0000e+00	0.0000e+00	0.0000e+00	3.8423e+01	3.9715e+00	5.8305e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.7451e+01	3.9838e+00	7.8188e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.9380e+01	3.0831e+00	8.2464e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.1566e+01	2.3474e+00	6.6779e+00
168	0.0000e+00	0.0000e+00	0.0000e+00	5.1191e+01	4.0853e+00	5.6686e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.9689e+01	6.1276e+00	6.6643e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.8690e+01	6.6284e-01	6.7385e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.3554e+01	2.4421e+00	5.8700e+00
167	0.0000e+00	0.0000e+00	0.0000e+00	1.7827e+00	6.0594e+01	-3.3240e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-9.7613e-01	6.0013e+01	-3.1775e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.1895e-01	5.5340e+01	-3.0502e+00
	0.0000e+00	0.0000e+00	0.0000e+00	9.9492e-01	5.4722e+01	-3.3706e+00
166	0.0000e+00	0.0000e+00	0.0000e+00	2.9454e-01	6.1079e+01	4.1212e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1942e+00	6.0395e+01	4.7925e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7121e+00	5.4868e+01	3.9838e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0189e-01	5.6535e+01	3.5436e+00
165	0.0000e+00	0.0000e+00	0.0000e+00	-1.1890e+00	6.1861e+01	2.6047e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8840e+00	6.1282e+01	2.8966e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0344e+00	5.3794e+01	2.0929e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3005e+00	5.5734e+01	1.2918e+00
164	0.0000e+00	0.0000e+00	0.0000e+00	4.9394e+01	-7.9134e-01	8.1092e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.9879e+01	-1.5754e+00	6.6296e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.1680e+01	-3.0758e-01	7.5532e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.9177e+01	-1.4789e+00	7.5660e+00
163	0.0000e+00	0.0000e+00	0.0000e+00	-5.6583e-01	2.4760e+01	5.8427e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3694e-01	3.1034e+01	6.3601e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7131e-01	3.3637e+01	7.2322e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4010e+00	3.4165e+01	7.2317e+00
162	0.0000e+00	0.0000e+00	0.0000e+00	2.1692e+01	-2.4397e+00	1.7255e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.4118e+01	-1.6462e+00	7.9940e-01

	0.0000e+00	0.0000e+00	0.0000e+00	1.1862e+01	-2.5949e+00	1.1596e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.8037e+01	-2.8842e+00	2.0920e+00
161	0.0000e+00	0.0000e+00	0.0000e+00	1.1070e+01	-2.0939e+00	2.4571e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.6004e+00	-2.1709e+00	1.3707e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.2589e+00	-2.4413e+00	1.8315e+00
	0.0000e+00	0.0000e+00	0.0000e+00	9.7427e+00	-2.5915e+00	1.9475e+00
160	0.0000e+00	0.0000e+00	0.0000e+00	-2.4504e+00	4.2493e+00	-2.0453e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7032e+00	4.4388e+00	8.9101e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3992e+00	2.5060e+00	7.7260e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2734e+00	2.4682e+00	7.3523e-02
159	0.0000e+00	0.0000e+00	0.0000e+00	2.2492e+00	-2.2965e+00	-2.1255e-02
	0.0000e+00	0.0000e+00	0.0000e+00	3.5041e+00	-2.1529e+00	-4.6803e-02
	0.0000e+00	0.0000e+00	0.0000e+00	3.4294e+00	-2.3863e+00	5.3656e-03
	0.0000e+00	0.0000e+00	0.0000e+00	2.2803e+00	-2.3571e+00	2.9088e-02
158	0.0000e+00	0.0000e+00	0.0000e+00	4.3578e+00	-1.9414e+00	8.0477e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.6128e+00	-1.9580e+00	1.3132e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.1789e+00	-1.8833e+00	9.8120e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.3592e+00	-1.8099e+00	1.0796e+00
157	0.0000e+00	0.0000e+00	0.0000e+00	-2.1905e+00	1.2023e+01	4.5461e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8815e+00	1.1067e+01	4.3606e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1963e+00	1.8015e+01	6.5746e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8036e+00	1.7694e+01	-5.1100e-01
156	0.0000e+00	0.0000e+00	0.0000e+00	1.7833e+01	7.5385e+00	1.3308e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5796e+01	7.0069e+00	1.1488e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5095e+01	7.6767e+00	9.6292e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.8434e+01	1.0117e+01	1.0814e+01
155	0.0000e+00	0.0000e+00	0.0000e+00	-3.0759e-01	3.0605e+01	-5.1170e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.5312e+00	2.6852e+01	-3.9060e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.5273e+00	3.5305e+01	-4.9811e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.5572e+00	3.7483e+01	-6.0771e+00

154	0.0000e+00	0.0000e+00	0.0000e+00	8.5853e+00	-1.6358e+00	2.2350e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.6327e+00	-1.3816e+00	1.9601e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.5200e+00	-1.0337e+00	1.8716e+00
	0.0000e+00	0.0000e+00	0.0000e+00	9.6917e+00	-7.9653e-01	2.5852e+00
153	0.0000e+00	0.0000e+00	0.0000e+00	4.4616e+00	-2.3229e+00	-7.8890e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.7146e+00	-1.9791e+00	-6.6822e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.5173e+00	-1.6310e+00	-3.7575e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.4679e+00	-1.5901e+00	-6.4199e-01
152	0.0000e+00	0.0000e+00	0.0000e+00	4.8768e+00	-1.5716e+00	1.3585e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.6187e+00	-1.8992e+00	1.5261e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.5026e+00	-1.1679e+00	1.5247e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.2922e+00	-1.3185e+00	1.0661e+00
151	0.0000e+00	0.0000e+00	0.0000e+00	1.0538e+01	-5.7601e-01	-2.5470e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.5980e+01	-9.2730e-01	-3.0301e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.7196e+01	-3.2906e-01	-3.5078e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0578e+01	-5.8506e-01	-2.5081e+00
150	0.0000e+00	0.0000e+00	0.0000e+00	8.8493e+00	-3.6080e-01	5.3803e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.7907e+00	-4.2428e-01	4.5951e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.6561e+00	-1.2045e+00	6.0144e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.8181e+00	-1.4598e+00	6.3519e-01
149	0.0000e+00	0.0000e+00	0.0000e+00	1.7622e+01	-1.1264e-01	-6.9997e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0887e+01	-7.8588e-03	-3.3376e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0664e+01	-8.9991e-01	-1.3977e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7429e+01	-1.1587e+00	-3.9082e-01
148	0.0000e+00	0.0000e+00	0.0000e+00	3.8817e+00	-6.1337e-01	3.8051e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.8128e+00	-6.4582e-01	1.9137e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.5304e+00	-1.4295e+00	1.7560e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.6698e+00	-1.4374e+00	3.5981e-01
147	0.0000e+00	0.0000e+00	0.0000e+00	2.9513e+00	-6.0662e-01	1.2935e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.7809e+00	-5.7305e-01	-4.3892e-02

	0.0000e+00	0.0000e+00	0.0000e+00	4.7099e+00	-1.5153e+00	-9.9473e-02
	0.0000e+00	0.0000e+00	0.0000e+00	2.6305e+00	-1.4003e+00	8.1165e-02
146	0.0000e+00	0.0000e+00	0.0000e+00	5.8795e+00	-3.2333e-01	1.6117e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0217e+01	-1.7386e-01	2.1347e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0288e+01	-1.1779e+00	2.8298e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.6033e+00	-1.1528e+00	2.5927e-01
145	0.0000e+00	0.0000e+00	0.0000e+00	1.2068e+01	1.4248e-01	1.7024e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8811e+01	4.6323e-01	7.2455e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.0577e+01	-1.0954e+00	5.7494e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2600e+01	-5.7767e-01	1.9705e-01
144	0.0000e+00	0.0000e+00	0.0000e+00	2.6674e+00	3.4232e+01	-1.3148e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.2915e+00	2.9897e+01	-1.1042e+01
	0.0000e+00	0.0000e+00	0.0000e+00	5.3051e+00	3.6027e+01	-1.2782e+01
	0.0000e+00	0.0000e+00	0.0000e+00	4.3821e+00	3.9645e+01	-1.5091e+01
143	0.0000e+00	0.0000e+00	0.0000e+00	4.1686e+01	4.0330e+00	1.2337e+01
	0.0000e+00	0.0000e+00	0.0000e+00	4.7971e+01	4.1562e+00	1.3795e+01
	0.0000e+00	0.0000e+00	0.0000e+00	4.9492e+01	3.5315e+00	1.4343e+01
	0.0000e+00	0.0000e+00	0.0000e+00	4.3150e+01	2.9264e+00	1.2370e+01
142	0.0000e+00	0.0000e+00	0.0000e+00	1.6938e+01	-2.6539e+00	1.0796e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.1614e+01	-1.9417e+00	1.5818e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.2767e+01	-6.0811e-01	1.9088e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.0234e+01	-1.2599e+00	2.2356e+00
141	0.0000e+00	0.0000e+00	0.0000e+00	2.2865e+00	-1.9244e+00	1.0028e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.4581e+00	-1.8347e+00	1.9239e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.5717e+00	-1.6712e+00	2.3016e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.4119e+00	-1.6436e+00	1.3838e-01
140	0.0000e+00	0.0000e+00	0.0000e+00	4.3765e+01	3.5088e+00	1.2789e+01
	0.0000e+00	0.0000e+00	0.0000e+00	5.0728e+01	2.9395e+00	1.3010e+01
	0.0000e+00	0.0000e+00	0.0000e+00	4.5994e+01	-4.2683e-02	1.1292e+01
	0.0000e+00	0.0000e+00	0.0000e+00	3.8956e+01	2.0012e+00	1.0598e+01

139	0.0000e+00	0.0000e+00	0.0000e+00	1.5188e+01	3.6321e+01	1.6853e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1701e+01	2.2466e+01	2.2345e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.5372e+01	2.5374e+01	1.1896e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.5253e+01	3.0409e+01	5.5633e+00
138	0.0000e+00	0.0000e+00	0.0000e+00	2.3363e+01	1.7149e+01	2.3616e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.8755e+00	3.6890e+00	3.3485e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.5447e+01	2.4070e+01	2.5356e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.3980e+01	2.4464e+01	1.5486e+01
137	0.0000e+00	0.0000e+00	0.0000e+00	1.6632e+01	3.2548e+01	-2.0915e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4508e+01	4.2235e+01	-1.3739e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.2134e+01	3.7269e+01	-5.6712e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.1193e+01	2.8332e+01	-1.2235e+01
136	0.0000e+00	0.0000e+00	0.0000e+00	1.5834e+01	4.8954e+01	-7.5747e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.3020e+00	5.1067e+01	-1.1534e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.4985e+01	4.2886e+01	5.1271e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6848e+01	4.0275e+01	-2.8733e+00
135	0.0000e+00	0.0000e+00	0.0000e+00	1.6498e+01	5.2919e+01	-8.9367e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.1893e+00	5.5129e+01	-9.2994e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0580e+01	4.6989e+01	-3.9544e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.2292e+01	4.0860e+01	-5.3299e+00
134	0.0000e+00	0.0000e+00	0.0000e+00	1.0538e+01	5.7906e+01	-4.4569e+00
	0.0000e+00	0.0000e+00	0.0000e+00	9.6095e-01	5.9001e+01	-4.3025e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.4175e+00	5.2445e+01	-1.4179e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.0825e+00	4.8705e+01	-2.8056e+00
133	0.0000e+00	0.0000e+00	0.0000e+00	4.6955e+01	5.8238e+00	6.8015e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.8723e+01	5.9299e+00	4.1788e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.8265e+01	6.4547e+00	4.5256e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.4933e+01	7.3567e+00	5.8834e+00
132	0.0000e+00	0.0000e+00	0.0000e+00	2.0455e+01	1.8609e+01	-1.2117e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8496e+01	1.2982e+01	-9.2096e+00

	0.0000e+00	0.0000e+00	0.0000e+00	2.2227e+01	2.0920e+01	-1.5861e+01
131	0.0000e+00	0.0000e+00	0.0000e+00	2.1109e+01	2.8798e+00	-2.3097e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.4892e+01	3.5851e+00	-2.1524e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.3336e+01	5.1957e+00	-1.9873e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.8712e+01	4.6833e+00	-1.3926e+00
130	0.0000e+00	0.0000e+00	0.0000e+00	1.2790e+01	2.1747e+00	-2.9310e-02
	0.0000e+00	0.0000e+00	0.0000e+00	7.3679e+00	2.1055e+00	-2.8207e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.2650e+00	3.3477e+00	-4.4383e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2330e+01	4.3486e+00	-8.2179e-01
129	0.0000e+00	0.0000e+00	0.0000e+00	3.5258e+00	5.9605e+00	5.7038e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.9670e+00	5.9436e+00	6.2743e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8493e+00	4.1808e+00	1.0178e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.0930e+00	4.8448e+00	1.9990e-01
128	0.0000e+00	0.0000e+00	0.0000e+00	3.9035e+00	2.0089e+00	3.8968e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.7003e+00	1.9966e+00	7.5669e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.9901e+00	3.8973e+00	7.2114e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.2092e+00	3.9600e+00	3.5965e-01
127	0.0000e+00	0.0000e+00	0.0000e+00	5.2455e+00	2.3725e+00	1.3294e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.8735e+00	2.2874e+00	1.7481e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.5928e+00	3.9286e+00	1.4367e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.4743e+00	4.1895e+00	1.3817e+00
126	0.0000e+00	0.0000e+00	0.0000e+00	3.3624e+00	1.0829e+01	-1.0545e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.3177e+00	1.0771e+01	-1.0283e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.3294e+00	1.7513e+01	-6.1965e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.6975e+00	1.6988e+01	-8.2716e-01
125	0.0000e+00	0.0000e+00	0.0000e+00	2.0010e+01	2.8880e+00	-2.4216e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.7542e+01	2.4002e+00	-5.4512e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.5527e+01	6.5415e+00	-3.8167e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.0137e+01	3.9226e+00	-2.7172e+00
124	0.0000e+00	0.0000e+00	0.0000e+00	1.9572e+01	1.4028e+01	8.1840e+00

	0.0000e+00	0.0000e+00	0.0000e+00	1.5345e+01	1.3265e+01	6.4907e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.5981e+01	9.4267e+00	6.6793e+00
123	0.0000e+00	0.0000e+00	0.0000e+00	5.7736e+00	2.2053e+01	3.6746e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.2955e+01	1.7995e+01	5.9855e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.4581e+01	1.2851e+01	2.3462e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.1549e+01	1.9387e+01	-9.4103e-01
122	0.0000e+00	0.0000e+00	0.0000e+00	1.1636e+01	1.6440e+01	7.3694e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.4464e+01	1.0136e+01	1.1867e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8788e+01	8.2827e+00	7.4874e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.6487e+01	1.3926e+01	2.2051e+00
121	0.0000e+00	0.0000e+00	0.0000e+00	1.8692e+01	6.3012e+00	1.3781e+01
	0.0000e+00	0.0000e+00	0.0000e+00	6.4169e+00	-1.6907e+00	2.4399e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.4463e+01	1.0841e+01	2.1860e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.9216e+01	9.6459e+00	1.0870e+01
120	0.0000e+00	0.0000e+00	0.0000e+00	7.3656e+00	3.0317e+01	-2.0910e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0259e+01	4.3265e+01	-1.8933e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2328e+01	2.7884e+01	-8.6231e+00
	0.0000e+00	0.0000e+00	0.0000e+00	9.7260e+00	2.2448e+01	-1.0615e+01
119	0.0000e+00	0.0000e+00	0.0000e+00	3.2261e+01	8.2282e+00	9.5911e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.7163e+01	-7.8448e-02	1.3151e+01
	0.0000e+00	0.0000e+00	0.0000e+00	5.1820e+01	7.8514e+00	1.0259e+01
	0.0000e+00	0.0000e+00	0.0000e+00	3.9594e+01	9.5725e+00	4.4104e+00
118	0.0000e+00	0.0000e+00	0.0000e+00	1.7057e+00	5.3675e+01	3.1899e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.4747e+00	5.4345e+01	4.5895e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.8633e+00	3.6386e+01	2.8863e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.4778e+00	4.2490e+01	-9.9886e-01
117	0.0000e+00	0.0000e+00	0.0000e+00	7.5100e+00	4.8802e+01	-1.4335e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2115e+01	5.1673e+01	-1.0467e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3157e+01	4.1328e+01	-7.2626e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0072e+01	3.3524e+01	-8.2129e+00

116	0.0000e+00	0.0000e+00	0.0000e+00	4.3622e+01	9.9636e+00	5.2523e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.3092e+01	5.6316e+00	4.2908e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.2633e+01	9.9338e+00	1.0179e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.1828e+01	1.2240e+01	2.2282e+00
115	0.0000e+00	0.0000e+00	0.0000e+00	1.0890e+01	5.2310e+01	-5.6007e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4785e+01	4.9672e+01	2.4986e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.7331e+01	3.9848e+01	1.4159e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4664e+01	4.1631e+01	-2.8561e+00
114	0.0000e+00	0.0000e+00	0.0000e+00	8.3681e+00	4.6118e+01	7.7888e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.2612e+01	4.0584e+01	1.2588e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.2307e+01	3.1522e+01	5.7996e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.0032e+01	4.0146e+01	1.7254e-01
113	0.0000e+00	0.0000e+00	0.0000e+00	2.8760e+01	1.0766e+01	5.6386e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.9088e+01	9.5818e+00	3.8168e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.5907e+01	7.6467e+00	2.1800e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.3270e+01	7.7085e+00	4.9512e+00
112	0.0000e+00	0.0000e+00	0.0000e+00	3.4560e+01	1.9772e+01	1.7014e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.7883e+01	1.6026e+01	1.3230e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.6200e+01	1.4022e+01	1.0750e+01
	0.0000e+00	0.0000e+00	0.0000e+00	3.2680e+01	2.1058e+01	1.2712e+01
111	0.0000e+00	0.0000e+00	0.0000e+00	1.2672e+01	6.1883e+00	-5.7100e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.3451e+00	4.7327e+00	-4.9031e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0191e+01	1.0299e+01	-2.1931e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.5618e+01	1.1655e+01	-2.5319e+00
110	0.0000e+00	0.0000e+00	0.0000e+00	6.8498e+00	4.6478e+00	-1.0134e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.2717e+00	5.4361e+00	-3.8091e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.7916e+00	9.5013e+00	-6.3863e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.8498e+00	1.0864e+01	-1.4144e+00
109	0.0000e+00	0.0000e+00	0.0000e+00	6.1427e+00	5.4431e+00	1.5995e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.7805e+00	4.5937e+00	1.9195e+00

	0.0000e+00	0.0000e+00	0.0000e+00	8.7406e+00	7.7464e+00	1.1935e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.2110e+00	8.3481e+00	7.6943e-01
108	0.0000e+00	0.0000e+00	0.0000e+00	1.0934e+01	4.8704e+00	1.3219e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.6494e+01	4.9984e+00	5.8920e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5454e+01	6.7647e+00	3.8126e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0856e+01	7.1820e+00	1.1353e+00
107	0.0000e+00	0.0000e+00	0.0000e+00	1.2614e+01	2.1110e+01	-7.3860e+00
	0.0000e+00	0.0000e+00	0.0000e+00	9.7559e+00	2.6011e+01	-6.8278e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.1862e+01	2.0404e+01	-2.0459e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.2244e+01	1.6464e+01	-3.0488e+00
106	0.0000e+00	0.0000e+00	0.0000e+00	1.0890e+01	2.7234e+01	-9.0734e+00
	0.0000e+00	0.0000e+00	0.0000e+00	9.8440e+00	3.3849e+01	-8.6874e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0979e+01	2.3371e+01	-3.5657e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0727e+01	2.0475e+01	-3.8711e+00
105	0.0000e+00	0.0000e+00	0.0000e+00	8.3683e+00	2.8493e+01	-9.5974e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.4144e+01	3.5264e+01	-1.0105e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2513e+01	2.2187e+01	-5.1398e+00
	0.0000e+00	0.0000e+00	0.0000e+00	9.1288e+00	2.0346e+01	-5.9183e+00
104	0.0000e+00	0.0000e+00	0.0000e+00	1.0322e+01	3.7171e+01	-6.9479e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.3581e+01	3.6785e+01	-5.1916e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.5233e+01	2.6998e+01	-4.0345e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.1612e+01	2.3971e+01	-5.3868e+00
103	0.0000e+00	0.0000e+00	0.0000e+00	1.9885e+01	3.5347e+01	1.9403e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.4384e+01	3.0705e+01	3.6136e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.6760e+01	2.6248e+01	3.2783e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1622e+01	2.8639e+01	-1.9145e+00
102	0.0000e+00	0.0000e+00	0.0000e+00	2.6039e+01	2.8400e+01	5.2526e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.1098e+01	2.3480e+01	8.4433e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.6381e+01	2.0608e+01	3.4196e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.9294e+01	2.5504e+01	-4.1963e-01

101	0.0000e+00	0.0000e+00	0.0000e+00	1.3038e+01	1.4999e+01	-2.3678e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0768e+01	1.7853e+01	-1.7176e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.1234e+01	1.3905e+01	6.5591e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4299e+01	1.1968e+01	-6.3316e-02
100	0.0000e+00	0.0000e+00	0.0000e+00	2.6800e+01	2.7145e+01	1.1501e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.9929e+01	1.8771e+01	1.1114e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.9895e+01	1.6596e+01	6.7862e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.5849e+01	2.0890e+01	6.6117e+00
99	0.0000e+00	0.0000e+00	0.0000e+00	1.5831e+01	1.0327e+01	-5.6086e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.2100e+01	8.9695e+00	-3.9363e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.3807e+01	1.6140e+01	-3.6968e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.7654e+01	1.3727e+01	-4.9332e+00
98	0.0000e+00	0.0000e+00	0.0000e+00	1.0789e+01	8.9478e+00	1.5086e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.5000e+01	8.6792e+00	1.3029e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.4486e+01	1.0391e+01	1.8726e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0416e+01	1.2193e+01	7.2939e-01
97	0.0000e+00	0.0000e+00	0.0000e+00	4.8633e+00	5.3942e+00	2.0247e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.1657e+00	5.0757e+00	8.4556e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.7870e+00	8.3434e+00	2.5528e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.4503e+00	9.0776e+00	-3.4086e-01
96	0.0000e+00	0.0000e+00	0.0000e+00	1.5417e+01	1.6810e+01	3.4754e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.4023e+01	1.5311e+01	3.7558e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.5235e+01	2.0782e+01	3.4233e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.0015e+01	2.2226e+01	2.1167e+00
95	0.0000e+00	0.0000e+00	0.0000e+00	1.4994e+01	3.6278e+01	-4.9033e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.8537e+01	3.5857e+01	-2.9179e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.9977e+01	2.8570e+01	-2.6936e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.6802e+01	2.7168e+01	-4.5747e+00
94	0.0000e+00	0.0000e+00	0.0000e+00	9.8137e+00	1.1868e+01	-2.2468e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.7367e+00	1.0974e+01	-1.9015e+00

	0.0000e+00	0.0000e+00	0.0000e+00	7.9752e+00	1.7317e+01	-3.8527e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0246e+01	2.0176e+01	-4.4612e+00
93	0.0000e+00	0.0000e+00	0.0000e+00	7.1523e+00	9.7357e+00	8.1027e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.1649e+00	8.5942e+00	1.2696e+00
	0.0000e+00	0.0000e+00	0.0000e+00	9.2754e+00	1.2658e+01	-4.0281e-02
	0.0000e+00	0.0000e+00	0.0000e+00	7.5579e+00	1.4059e+01	-4.3156e-01
92	0.0000e+00	0.0000e+00	0.0000e+00	1.0411e+01	1.8976e+01	-2.4090e+00
	0.0000e+00	0.0000e+00	0.0000e+00	9.0534e+00	2.1252e+01	-2.9448e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.8245e+00	1.5913e+01	-7.4017e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.7076e+00	1.3701e+01	-2.3150e-01
91	0.0000e+00	0.0000e+00	0.0000e+00	1.1399e+01	2.0135e+01	-5.3507e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.6334e+01	2.2500e+01	-4.9100e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.6389e+01	1.3748e+01	-2.9072e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0596e+01	1.2251e+01	-3.1157e+00
90	0.0000e+00	0.0000e+00	0.0000e+00	1.8464e+01	1.2404e+01	1.6967e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.4348e+01	1.7173e+01	9.0182e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.5243e+01	2.0033e+01	5.1203e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.9628e+01	1.4717e+01	5.4661e+00
89	0.0000e+00	0.0000e+00	0.0000e+00	6.8648e+00	1.0690e+01	-1.0299e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.2131e+00	9.6868e+00	-2.8433e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.1798e+00	1.4314e+01	-2.1942e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.4001e+00	1.6666e+01	-2.8110e+00
88	0.0000e+00	0.0000e+00	0.0000e+00	7.1401e+00	1.9340e+01	-7.6291e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.9246e+00	1.8169e+01	-4.9336e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.1713e+01	2.2635e+01	-5.1281e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.1069e+01	2.4538e+01	-7.4256e+00
87	0.0000e+00	0.0000e+00	0.0000e+00	2.3230e+00	2.4465e+01	2.2876e+00
	0.0000e+00	0.0000e+00	0.0000e+00	9.6420e+00	2.2075e+01	2.4019e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0461e+01	1.7378e+01	-5.5332e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.6812e+00	2.2927e+01	-1.8059e+00

86	0.0000e+00	0.0000e+00	0.0000e+00	3.5276e+01	1.4574e+01	-6.1853e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.0675e+01	1.9139e+01	-6.7518e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.8913e+01	2.3472e+01	-1.5376e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.6326e+01	2.0829e+01	-2.7855e+00
85	0.0000e+00	0.0000e+00	0.0000e+00	2.6014e+01	1.8962e+01	-3.4906e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.2450e+01	2.1691e+01	-4.5794e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.0845e+01	2.6550e+01	-7.3624e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.6574e+01	2.3933e+01	-1.6779e+00
84	0.0000e+00	0.0000e+00	0.0000e+00	7.1781e+00	2.4737e+01	7.4967e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0856e+01	2.8922e+01	8.2442e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0417e+01	3.0954e+01	9.2170e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.2858e+00	3.0550e+01	9.7277e+00
83	0.0000e+00	0.0000e+00	0.0000e+00	3.6731e-01	1.0359e-01	-9.9343e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1534e+00	9.6444e-02	-1.1238e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.9419e+00	3.7461e-02	-1.7956e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.4351e-01	1.4817e+00	-1.6730e+00
82	0.0000e+00	0.0000e+00	0.0000e+00	2.4483e+00	-5.1332e-02	-1.2534e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.5672e+00	-7.6454e-02	-1.0792e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.8591e+00	-6.3641e-01	-1.3660e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.4862e+00	-4.4472e-02	-1.5476e+00
81	0.0000e+00	0.0000e+00	0.0000e+00	2.4899e+00	-1.7435e-01	-1.1020e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.9745e+00	-1.3058e-01	-7.8776e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.3187e+00	-8.8538e-01	-8.4448e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.7569e+00	-7.2502e-01	-1.1647e+00
80	0.0000e+00	0.0000e+00	0.0000e+00	1.6991e+00	-1.9133e-01	-7.6732e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0462e+00	-1.4144e-01	-4.5802e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3477e+00	-9.2416e-01	-4.1288e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.0174e+00	-9.8038e-01	-7.2625e-01
79	0.0000e+00	0.0000e+00	0.0000e+00	7.6043e-01	-1.7981e-01	-4.4456e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.2052e-01	-1.3657e-01	-2.0217e-01

	0.0000e+00	0.0000e+00	0.0000e+00	4.4638e-01	-8.7956e-01	-1.2642e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0332e+00	-1.0095e+00	-3.7072e-01
78	0.0000e+00	0.0000e+00	0.0000e+00	1.1183e-03	-1.5891e-01	-2.0863e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5397e-01	-1.2967e-01	-4.3639e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0364e-01	-8.2310e-01	2.3225e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.9245e-01	-9.4761e-01	-1.4007e-01
77	0.0000e+00	0.0000e+00	0.0000e+00	-4.9375e-01	-1.3928e-01	-6.7828e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.7693e-01	-1.2499e-01	2.8911e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.8740e-01	-7.9992e-01	6.7386e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.8996e-01	-8.7774e-01	-2.3195e-02
76	0.0000e+00	0.0000e+00	0.0000e+00	-7.3099e-01	-1.2617e-01	-6.0689e-03
	0.0000e+00	0.0000e+00	0.0000e+00	-7.9315e-01	-1.4460e-01	5.3115e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-7.0016e-01	-8.2316e-01	4.5557e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-7.1838e-01	-8.3889e-01	-1.8594e-03
75	0.0000e+00	0.0000e+00	0.0000e+00	-8.0122e-01	-1.3271e-01	-1.8985e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-7.6457e-01	-1.3464e-01	2.5636e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-7.1545e-01	-8.5017e-01	9.4272e-03
	0.0000e+00	0.0000e+00	0.0000e+00	-7.8375e-01	-8.4025e-01	-1.3316e-02
74	0.0000e+00	0.0000e+00	0.0000e+00	-6.8968e-01	-1.3198e-01	-1.6116e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.0355e-01	-1.4986e-01	8.4869e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.8690e-01	-9.0698e-01	2.3913e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.0598e-01	-8.0431e-01	-6.2563e-02
73	0.0000e+00	0.0000e+00	0.0000e+00	-3.6023e-01	-1.3212e-01	5.5558e-02
	0.0000e+00	0.0000e+00	0.0000e+00	3.0926e-03	-1.7254e-01	2.3374e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.9474e-01	-9.6552e-01	1.5803e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7054e-01	-8.3206e-01	-1.4554e-02
72	0.0000e+00	0.0000e+00	0.0000e+00	2.1568e-01	-1.3308e-01	2.2260e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.6142e-01	-1.9343e-01	4.7335e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0371e+00	-1.0100e+00	3.9394e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.8375e-01	-8.7232e-01	1.4160e-01

71	0.0000e+00	0.0000e+00	0.0000e+00	1.0404e+00	-1.3582e-01	4.7988e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7022e+00	-2.0275e-01	7.8919e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.0198e+00	-9.7075e-01	7.4352e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3784e+00	-9.0265e-01	4.2622e-01
70	0.0000e+00	0.0000e+00	0.0000e+00	1.9731e+00	-1.2580e-01	8.0456e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.4996e+00	-1.7972e-01	1.1109e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.7536e+00	-7.1286e-01	1.1721e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.3407e+00	-8.6040e-01	8.5273e-01
69	0.0000e+00	0.0000e+00	0.0000e+00	2.5751e+00	-7.4135e-02	1.0897e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.4606e+00	-4.6624e-02	1.2529e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.4741e+00	-3.6106e-02	1.5498e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.8734e+00	-6.1671e-01	1.3725e+00
68	0.0000e+00	0.0000e+00	0.0000e+00	2.1704e+00	9.4547e-02	1.1269e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.7268e-01	1.0731e-01	9.9418e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.3509e-01	1.4926e+00	1.6778e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.9559e+00	4.9190e-02	1.8038e+00
67	0.0000e+00	0.0000e+00	0.0000e+00	1.1807e+00	4.9891e-01	-2.1494e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.9108e-01	4.0909e-01	-3.5180e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4770e+00	2.4785e+00	-3.1800e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0381e-02	1.7703e+00	-1.8348e+00
66	0.0000e+00	0.0000e+00	0.0000e+00	-6.8398e-01	5.3386e-01	-4.2221e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.6134e+00	7.1167e-01	-6.3105e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.1264e+00	3.7985e+00	-5.4294e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4782e+00	2.3275e+00	-3.3859e+00
65	0.0000e+00	0.0000e+00	0.0000e+00	-5.2595e+00	1.0657e+00	-7.4033e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-9.9050e+00	1.0451e+00	-1.0914e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4066e+01	7.1939e+00	-9.0557e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.1872e+00	3.6261e+00	-5.6074e+00
64	0.0000e+00	0.0000e+00	0.0000e+00	-1.3470e+01	2.5187e+00	-1.3679e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5918e+01	6.6496e+00	-1.9960e+01

	0.0000e+00	0.0000e+00	0.0000e+00	-2.4576e+01	1.1270e+01	-1.5739e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7265e+01	7.1764e+00	-9.5329e+00
63	0.0000e+00	0.0000e+00	0.0000e+00	1.5895e+01	-2.6823e+01	1.1695e+01
	0.0000e+00	0.0000e+00	0.0000e+00	8.2746e+00	-2.9866e+01	7.6938e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.7005e+00	-2.0024e+01	5.7141e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.4216e+00	-1.9153e+01	9.5942e+00
62	0.0000e+00	0.0000e+00	0.0000e+00	1.3755e+01	-3.0923e+01	5.9554e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.3819e+00	-3.0983e+01	3.0801e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.8014e+00	-2.1320e+01	3.0580e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.1954e+00	-2.1579e+01	5.9153e+00
61	0.0000e+00	0.0000e+00	0.0000e+00	9.8692e+00	-3.1401e+01	2.5052e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.5044e+00	-3.0014e+01	5.6153e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.9390e+00	-2.2046e+01	1.3427e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.0405e+00	-2.2565e+01	3.3445e+00
60	0.0000e+00	0.0000e+00	0.0000e+00	6.9356e+00	-3.0399e+01	8.7875e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.9315e-01	-3.0023e+01	-3.5683e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8165e+00	-2.1598e+01	4.0919e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.9562e+00	-2.3005e+01	1.6500e+00
59	0.0000e+00	0.0000e+00	0.0000e+00	3.6004e+00	-3.0409e+01	8.8280e-02
	0.0000e+00	0.0000e+00	0.0000e+00	9.8912e-02	-2.9367e+01	-8.1360e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.2750e-01	-2.1739e+01	-1.8651e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.0707e+00	-2.2594e+01	9.3410e-01
58	0.0000e+00	0.0000e+00	0.0000e+00	1.3067e+00	-2.9930e+01	1.4214e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.2238e-01	-2.9364e+01	-3.5163e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.9573e-01	-2.1963e+01	7.5579e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4977e-01	-2.2450e+01	6.0761e-01
57	0.0000e+00	0.0000e+00	0.0000e+00	3.2280e-01	-2.9907e+01	5.7193e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6720e+00	-2.9988e+01	2.1600e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3393e+00	-2.2262e+01	3.0173e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.5872e-01	-2.2726e+01	7.6883e-01

56	0.0000e+00	0.0000e+00	0.0000e+00	-4.8339e-01	-3.0339e+01	-5.1111e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4260e+00	-3.0039e+01	-8.6051e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4259e+00	-2.2138e+01	-5.1889e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4558e+00	-2.2967e+01	1.1500e-01
55	0.0000e+00	0.0000e+00	0.0000e+00	-9.9796e-01	-3.0151e+01	-1.0237e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.7597e-01	-2.9998e+01	-5.8115e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2273e+00	-2.1918e+01	-3.8270e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4032e+00	-2.2296e+01	1.7223e-01
54	0.0000e+00	0.0000e+00	0.0000e+00	-9.5563e-01	-2.9992e+01	3.1120e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.2241e-01	-2.9834e+01	-3.1842e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.2216e-01	-2.1847e+01	-2.2418e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0481e+00	-2.1863e+01	3.6685e-01
53	0.0000e+00	0.0000e+00	0.0000e+00	-3.4750e-01	-2.9865e+01	4.9529e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.3199e+00	-2.9700e+01	-3.2085e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.0345e-01	-2.1915e+01	-3.0157e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2987e-01	-2.1721e+01	4.1287e-01
52	0.0000e+00	0.0000e+00	0.0000e+00	8.7077e-01	-2.9902e+01	4.3349e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.6393e+00	-3.0131e+01	-7.4198e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.3729e+00	-2.1840e+01	-8.0950e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2840e+00	-2.1824e+01	1.5665e-01
51	0.0000e+00	0.0000e+00	0.0000e+00	3.0275e+00	-3.0460e+01	-3.3142e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.0720e+00	-3.0910e+01	-2.1690e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.6189e+00	-2.1889e+01	-2.3849e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.3712e+00	-2.2059e+01	-5.1231e-01
50	0.0000e+00	0.0000e+00	0.0000e+00	5.9183e+00	-3.1076e+01	-2.3738e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.1531e+01	-3.1237e+01	-5.2137e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.9202e+00	-2.0928e+01	-4.9731e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.5106e+00	-2.1797e+01	-2.1073e+00
49	0.0000e+00	0.0000e+00	0.0000e+00	9.4707e+00	-3.0517e+01	-6.6489e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.4373e+01	-2.8081e+01	-1.0979e+01

	0.0000e+00	0.0000e+00	0.0000e+00	8.3814e+00	-1.8651e+01	-9.0644e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.5652e+00	-2.0618e+01	-4.6678e+00
48	0.0000e+00	0.0000e+00	0.0000e+00	1.2383e+01	-2.6010e+01	-1.4948e+01
	0.0000e+00	0.0000e+00	0.0000e+00	7.3757e+00	-1.6353e+01	-1.9839e+01
	0.0000e+00	0.0000e+00	0.0000e+00	3.2044e+00	-1.3428e+01	-1.3603e+01
	0.0000e+00	0.0000e+00	0.0000e+00	7.3542e+00	-1.7577e+01	-8.5614e+00
47	0.0000e+00	0.0000e+00	0.0000e+00	-1.0362e+01	1.8123e+00	1.0679e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.4726e+00	1.3594e+00	7.3691e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.4767e+00	3.8446e+00	5.2482e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4636e+01	7.3781e+00	8.5762e+00
46	0.0000e+00	0.0000e+00	0.0000e+00	-3.7799e+00	9.6544e-01	6.2468e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.8748e-01	6.3895e-01	4.2197e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5836e+00	2.4034e+00	3.2647e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.3810e+00	3.9060e+00	5.2793e+00
45	0.0000e+00	0.0000e+00	0.0000e+00	1.2211e-01	4.9381e-01	3.5017e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.1396e+00	5.2615e-01	2.1544e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-5.5516e-02	1.7879e+00	1.7984e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5768e+00	2.5124e+00	3.1338e+00
44	0.0000e+00	0.0000e+00	0.0000e+00	2.0632e+00	-1.5684e+00	-9.3563e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3079e+00	-1.5887e+00	-4.1014e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7868e+00	-3.9132e+00	-4.4681e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.6023e+00	-3.8530e+00	-9.8435e-01
43	0.0000e+00	0.0000e+00	0.0000e+00	1.0143e+00	-1.6330e+00	-5.1801e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.8540e-01	-1.5542e+00	-1.1531e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.4545e-01	-3.9543e+00	-2.7677e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.4539e+00	-4.0634e+00	-4.4191e-01
42	0.0000e+00	0.0000e+00	0.0000e+00	1.3200e-01	-1.5752e+00	-2.5880e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.0020e-01	-1.4924e+00	3.4355e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.3964e-02	-3.9511e+00	1.2637e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.5645e-01	-4.0595e+00	-1.7982e-01

41	0.0000e+00	0.0000e+00	0.0000e+00	-4.6485e-01	-1.5110e+00	-1.3264e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.3067e-01	-1.4768e+00	8.1088e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.2169e-01	-4.0976e+00	7.5456e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4816e-01	-4.0474e+00	-1.4723e-01
40	0.0000e+00	0.0000e+00	0.0000e+00	-7.8901e-01	-1.4773e+00	-1.0986e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.9849e-01	-1.6339e+00	3.8651e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-7.7921e-01	-4.5387e+00	-2.1749e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.5595e-01	-4.1918e+00	-3.3416e-01
39	0.0000e+00	0.0000e+00	0.0000e+00	-9.1130e-01	-1.7554e+00	-1.2006e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.9180e-01	-1.4466e+00	1.0046e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0538e+00	-4.4088e+00	2.2936e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4328e-01	-4.5669e+00	1.5591e-01
38	0.0000e+00	0.0000e+00	0.0000e+00	-7.6397e-01	-1.4603e+00	-9.5059e-02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.2843e-01	-1.5875e+00	1.9142e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.0267e-01	-4.1726e+00	1.3287e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1213e-01	-4.1327e+00	-1.6210e-01
37	0.0000e+00	0.0000e+00	0.0000e+00	-2.9427e-01	-1.4871e+00	1.4131e-02
	0.0000e+00	0.0000e+00	0.0000e+00	1.7007e-01	-1.6502e+00	3.3476e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.6206e-01	-4.1292e+00	2.1203e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0353e-01	-3.9658e+00	-1.2889e-01
36	0.0000e+00	0.0000e+00	0.0000e+00	3.9370e-01	-1.5409e+00	1.8401e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0505e+00	-1.6844e+00	5.9422e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4661e+00	-4.0748e+00	4.8813e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.6422e-01	-3.9154e+00	5.4579e-02
35	0.0000e+00	0.0000e+00	0.0000e+00	1.3141e+00	-1.5587e+00	4.7362e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.0952e+00	-1.6039e+00	9.8996e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.6092e+00	-3.8365e+00	1.0079e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.8882e+00	-3.8332e+00	4.6339e-01
34	0.0000e+00	0.0000e+00	0.0000e+00	2.2843e+00	-1.4434e+00	8.9353e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.9066e+00	-1.2581e+00	1.5042e+00

	0.0000e+00	0.0000e+00	0.0000e+00	3.4639e+00	-3.1977e+00	1.7953e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.9575e+00	-3.5456e+00	1.1537e+00
33	0.0000e+00	0.0000e+00	0.0000e+00	2.7791e+00	-1.0215e+00	1.3884e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.6925e+00	-4.2842e-01	2.0008e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.1334e+00	-1.8320e+00	2.7922e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.5239e+00	-2.8453e+00	2.1475e+00
32	0.0000e+00	0.0000e+00	0.0000e+00	-3.0193e+00	3.2600e+00	-3.7148e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.4430e+00	4.4421e+00	-4.9905e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.8759e+00	4.7318e+00	-3.6474e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.0229e+00	3.4318e+00	-2.4219e+00
31	0.0000e+00	0.0000e+00	0.0000e+00	-8.7768e+00	4.8255e+00	-6.1984e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4758e+01	6.7937e+00	-7.9735e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6482e+01	7.3737e+00	-5.5803e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0303e+01	4.8389e+00	-3.8915e+00
30	0.0000e+00	0.0000e+00	0.0000e+00	6.6673e+00	-1.7795e+01	4.2572e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.8597e+00	-1.8113e+01	2.4189e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.8964e+00	-1.1522e+01	1.9112e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.0564e+00	-1.0859e+01	3.6543e+00
29	0.0000e+00	0.0000e+00	0.0000e+00	4.9348e+00	-1.8876e+01	2.2127e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.0317e+00	-1.8607e+01	7.5960e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.4427e+00	-1.2031e+01	8.0002e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.6549e+00	-1.1936e+01	2.1652e+00
28	0.0000e+00	0.0000e+00	0.0000e+00	3.0263e+00	-1.9270e+01	9.1745e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1859e+00	-1.8647e+01	-1.4546e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0556e+00	-1.2163e+01	2.1317e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.0350e+00	-1.2372e+01	1.2019e+00
27	0.0000e+00	0.0000e+00	0.0000e+00	1.3182e+00	-1.9252e+01	4.7983e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.1826e-01	-1.8721e+01	-2.7484e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1522e-02	-1.2251e+01	6.7322e-02
	0.0000e+00	0.0000e+00	0.0000e+00	6.6854e-01	-1.2497e+01	7.5714e-01

26	0.0000e+00	0.0000e+00	0.0000e+00	2.0093e-01	-1.9269e+01	7.5191e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4893e-01	-1.9026e+01	1.8206e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.5043e-01	-1.2584e+01	2.8289e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.0338e-01	-1.2605e+01	8.2178e-01
25	0.0000e+00	0.0000e+00	0.0000e+00	-6.3202e-01	-1.9445e+01	1.9068e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0223e+00	-1.9556e+01	1.7051e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2458e+00	-1.4068e+01	9.6747e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.8353e-01	-1.2785e+01	1.3551e+00
24	0.0000e+00	0.0000e+00	0.0000e+00	-1.3385e+00	-1.9769e+01	-1.9045e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.9090e-01	-1.9544e+01	-2.0102e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.9129e-01	-1.2751e+01	-1.2690e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7779e+00	-1.4478e+01	-7.9273e-01
23	0.0000e+00	0.0000e+00	0.0000e+00	-1.0323e+00	-1.9468e+01	-5.2095e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.0745e-01	-1.9137e+01	-9.5744e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1359e+00	-1.2454e+01	-6.6212e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3065e+00	-1.2722e+01	-2.5126e-01
22	0.0000e+00	0.0000e+00	0.0000e+00	-5.4166e-01	-1.9030e+01	6.4978e-02
	0.0000e+00	0.0000e+00	0.0000e+00	8.1483e-03	-1.9023e+01	-4.4828e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.0517e-01	-1.2251e+01	-3.5157e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.3267e-01	-1.2366e+01	8.5126e-02
21	0.0000e+00	0.0000e+00	0.0000e+00	3.5399e-01	-1.8895e+01	3.2272e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1423e+00	-1.9012e+01	-3.8396e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.6721e-01	-1.2190e+01	-3.6831e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3557e-01	-1.2267e+01	2.6175e-01
20	0.0000e+00	0.0000e+00	0.0000e+00	1.6269e+00	-1.8906e+01	1.2990e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.7766e+00	-1.9051e+01	-8.5002e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8068e+00	-1.2078e+01	-8.0601e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.3902e-01	-1.2277e+01	1.0499e-01
19	0.0000e+00	0.0000e+00	0.0000e+00	3.4289e+00	-1.8884e+01	-6.8003e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.7843e+00	-1.8857e+01	-2.0436e+00

	0.0000e+00	0.0000e+00	0.0000e+00	3.4434e+00	-1.1713e+01	-1.8193e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.2765e+00	-1.2232e+01	-4.5086e-01
18	0.0000e+00	0.0000e+00	0.0000e+00	5.4336e+00	-1.8488e+01	-2.2146e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.7654e+00	-1.7943e+01	-4.0799e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.9532e+00	-1.0773e+01	-3.4148e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.8121e+00	-1.1747e+01	-1.5317e+00
17	0.0000e+00	0.0000e+00	0.0000e+00	7.3119e+00	-1.7189e+01	-4.7751e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.4788e+00	-1.5341e+01	-7.2724e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.1289e+00	-9.1082e+00	-5.7350e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.0268e+00	-1.0672e+01	-3.2173e+00
16	0.0000e+00	0.0000e+00	0.0000e+00	-6.8040e+00	4.8301e+00	4.6340e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2377e+00	3.4697e+00	3.5009e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.2485e+00	3.5709e+00	2.0683e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.2783e+00	4.8920e+00	3.2018e+00
15	0.0000e+00	0.0000e+00	0.0000e+00	-1.8785e+00	3.2002e+00	2.7729e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.4835e-01	2.6924e+00	1.9935e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0635e+00	2.7885e+00	1.3342e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.9360e+00	3.5176e+00	2.1089e+00
14	0.0000e+00	0.0000e+00	0.0000e+00	2.8811e+00	-1.2382e+00	-1.4782e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.2823e+00	-1.4817e+00	-8.3983e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.8913e+00	-3.6336e+00	-1.1370e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.4811e+00	-3.2339e+00	-1.7859e+00
13	0.0000e+00	0.0000e+00	0.0000e+00	1.3321e+00	-5.3691e+00	-6.5597e-01
	0.0000e+00	0.0000e+00	0.0000e+00	5.7306e-01	-5.3996e+00	-7.1147e-03
	0.0000e+00	0.0000e+00	0.0000e+00	1.0893e+00	-9.9182e+00	1.9412e-02
	0.0000e+00	0.0000e+00	0.0000e+00	2.0702e+00	-9.9635e+00	-6.6482e-01
12	0.0000e+00	0.0000e+00	0.0000e+00	-8.2105e-01	-5.6065e+00	-5.3807e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3756e+00	-6.6064e+00	-5.2663e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1369e+00	-9.9463e+00	-6.9804e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.3721e-01	-1.0270e+01	-9.4479e-01

11	0.0000e+00	0.0000e+00	0.0000e+00	-1.2324e+00	-6.1856e+00	1.1953e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1025e+00	-6.1954e+00	9.2210e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.0791e-01	-1.0569e+01	1.2249e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4111e+00	-1.0670e+01	9.3419e-01
10	0.0000e+00	0.0000e+00	0.0000e+00	-7.5540e-01	-5.7235e+00	3.1630e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.8097e-01	-5.7147e+00	5.1453e-01
	0.0000e+00	0.0000e+00	0.0000e+00	7.6791e-03	-1.0304e+01	5.3294e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.8545e-01	-1.0083e+01	1.5348e-01
9	0.0000e+00	0.0000e+00	0.0000e+00	-1.9276e-01	-5.4191e+00	9.5517e-02
	0.0000e+00	0.0000e+00	0.0000e+00	3.7178e-01	-5.6145e+00	5.5109e-01
	0.0000e+00	0.0000e+00	0.0000e+00	9.0789e-01	-1.0164e+01	4.0311e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.1785e-01	-9.8747e+00	-1.3352e-01
8	0.0000e+00	0.0000e+00	0.0000e+00	6.4197e-01	-5.3528e+00	2.0614e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4347e+00	-5.5271e+00	8.6004e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.1733e+00	-1.0018e+01	7.3006e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3257e+00	-9.7591e+00	2.0869e-02
7	0.0000e+00	0.0000e+00	0.0000e+00	1.7313e+00	-5.2534e+00	5.9497e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.6815e+00	-5.2323e+00	1.4634e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.6290e+00	-9.5932e+00	1.5463e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.6146e+00	-9.5805e+00	6.2289e-01
6	0.0000e+00	0.0000e+00	0.0000e+00	2.8770e+00	-4.9185e+00	1.2810e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.6587e+00	-4.4992e+00	2.3939e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.8322e+00	-8.6469e+00	2.8759e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.9624e+00	-9.0776e+00	1.7038e+00
5	0.0000e+00	0.0000e+00	0.0000e+00	-5.6645e-01	-1.0102e+01	6.5020e-03
	0.0000e+00	0.0000e+00	0.0000e+00	-8.6360e-02	-1.0081e+01	-4.0264e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.7834e-01	-5.4208e+00	-2.9841e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.5188e-01	-5.4872e+00	-5.3226e-03
4	0.0000e+00	0.0000e+00	0.0000e+00	1.0974e-01	-9.9625e+00	1.8971e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.1549e-01	-1.0036e+01	-3.2473e-01

	0.0000e+00	0.0000e+00	0.0000e+00	2.6911e-01	-5.4012e+00	-3.3677e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7374e-01	-5.3860e+00	1.2169e-01
3	0.0000e+00	0.0000e+00	0.0000e+00	2.3931e+00	-9.7869e+00	-5.9869e-01
	0.0000e+00	0.0000e+00	0.0000e+00	3.5503e+00	-9.6130e+00	-1.5024e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.5913e+00	-5.1133e+00	-1.3103e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.6841e+00	-5.3585e+00	-4.1454e-01
2	0.0000e+00	0.0000e+00	0.0000e+00	3.8210e+00	-9.2998e+00	-1.6437e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.8409e+00	-8.7333e+00	-2.8268e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.6088e+00	-4.4398e+00	-2.2993e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.8529e+00	-5.0302e+00	-1.1110e+00
1	0.0000e+00	0.0000e+00	0.0000e+00	-1.0111e+01	-8.0840e-01	2.3038e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.4887e+00	4.8307e-01	1.9417e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0152e+01	-1.8275e+00	3.4236e+00

2.10.12 Condizione "(1) Scarico serbatoi"

Elemento	Nx (kg)	Ny (kg)	Nxy (kg)	Mx (kgxcm)	My (kgxcm)	Mxy (kgxcm)
340	1.5733e-01	-8.2544e-02	5.0236e-01	3.8132e+01	-5.2653e+01	-9.5413e+01
	1.1893e-01	-5.4160e-01	2.4704e-01	-1.8411e+02	-3.8551e+02	-4.4236e+01
	5.5985e-02	-5.4485e-01	2.6961e-01	3.2186e+01	2.5699e+02	-1.4591e+02
	1.7581e-02	-7.9749e-02	4.9081e-01	1.9673e+01	6.3156e+01	-2.2672e+02
339	1.8896e+00	2.3686e-02	-7.4362e-02	-6.5988e-01	3.3888e+01	1.9834e+02
	1.8896e+00	-3.2311e-01	-1.1665e-01	-1.1000e+02	3.2496e+00	2.4334e+02
	0.0000e+00	-5.0407e-01	-7.0207e-01	-4.4282e+01	-6.7483e+01	2.1055e+02
	0.0000e+00	-6.6792e-02	-5.0648e-01	1.1846e+01	1.3399e+01	1.5514e+02
338	2.4102e+00	-3.3498e-01	-5.0485e-02	-2.8011e+01	-6.1886e+01	2.9322e+02
	2.4102e+00	-2.7849e-01	7.1656e-01	-8.1672e+01	-4.7330e+01	3.4745e+02
	0.0000e+00	-1.4141e-01	2.7079e-01	-3.3925e+01	-7.4466e+01	3.5308e+02
	0.0000e+00	-2.4360e-01	-3.0073e-01	7.3245e+00	-1.1796e+02	2.9474e+02
337	-7.8130e-01	-2.8694e-01	-6.8855e-02	-2.1931e+01	-1.0749e+00	3.4839e+02
	-7.8130e-01	3.3898e-01	4.2946e-01	1.9383e+02	6.4287e+01	3.5277e+02
	0.0000e+00	1.1366e+00	1.2975e+00	7.2782e+01	1.2807e+02	4.1735e+02

	0.0000e+00	3.1128e-01	7.3580e-01	-7.4400e+00	-7.7753e+01	4.4149e+02
336	-2.5896e+00	3.0879e-01	-1.8059e-01	6.9356e+01	1.6684e+02	2.0086e+02
	-2.5896e+00	2.8348e-02	-8.6985e-01	1.7109e+02	1.4237e+02	1.3758e+02
	1.3437e-15	4.5082e-01	4.4093e-01	9.1533e+01	1.8738e+02	1.7337e+02
	1.2683e-15	6.4676e-01	9.2012e-01	-1.2454e+01	1.0957e+02	2.5196e+02
335	-6.5548e-01	9.2830e-02	-4.5586e-02	2.7390e+01	1.3338e+02	3.5810e+01
	-6.5548e-01	-3.0622e-01	-6.0495e-01	-6.7849e+01	-6.8914e+01	7.7984e+00
	6.9574e-16	-6.8806e-01	-4.9321e-01	-1.3376e+01	-8.0872e+01	-8.8016e+01
	5.3051e-16	-2.3238e-01	1.9855e-02	-2.0471e+00	1.2297e+02	-6.5908e+01
334	2.3401e-01	-2.6941e-01	-6.7261e-02	-1.1831e+02	-6.7620e+01	9.0515e+01
	2.3401e-01	-1.4194e-01	1.1222e-01	-3.0288e+01	-1.5884e+01	9.6442e+01
	0.0000e+00	-4.5761e-01	4.2589e-01	4.5727e+00	5.4094e+01	1.9008e+02
	0.0000e+00	-6.5150e-01	2.6294e-01	-6.6430e+01	-1.6017e+02	1.5838e+02
333	-1.7604e+00	-1.5295e-01	7.8978e-01	6.1550e+01	6.8606e+01	8.8089e+01
	-1.7604e+00	3.8412e-01	-8.1648e-04	3.8716e+01	1.3873e+02	3.2293e+01
	9.4411e-17	1.7101e-01	-2.6627e-01	-4.5575e+00	1.4856e+02	6.2211e+01
	-1.2879e-17	-4.2285e-01	4.0000e-01	2.7209e+01	4.6152e+01	1.1655e+02
332	-1.9390e+00	4.4808e-01	-1.3828e-02	2.7663e+02	8.4230e+01	-8.8681e+01
	-1.9390e+00	8.3677e-02	-1.5818e-01	-5.4992e+01	2.4227e+01	-9.6626e+01
	-2.1052e-16	2.0264e-01	-6.8807e-01	-1.3654e+01	-5.6324e+01	-1.9644e+02
	-2.1171e-16	6.1027e-01	-6.8066e-01	9.4252e+01	1.5832e+02	-1.5490e+02
331	6.2729e-01	5.3219e-02	-6.1782e-01	-2.0107e+01	-3.5089e+01	-1.2066e+02
	6.2729e-01	-2.5781e-01	1.1285e-01	-5.2601e+01	-8.5295e+01	-6.3026e+01
	0.0000e+00	-2.3353e-01	1.4142e-01	-1.4813e+00	-1.5869e+02	-9.1408e+01
	0.0000e+00	9.1357e-02	-5.4494e-01	-1.1996e+01	-6.8070e+01	-1.5001e+02
330	1.2491e-01	-3.2333e-01	3.0738e-01	-2.5307e+02	-3.0207e+01	-1.3227e+01
	1.2491e-01	3.4140e-02	4.3218e-01	1.7663e+02	-1.6100e+01	-3.6851e+01
	0.0000e+00	1.1769e-02	5.4409e-01	3.5637e+01	1.5066e+02	5.8472e+01
	0.0000e+00	-3.7544e-01	4.2812e-01	-7.2807e+01	-1.3951e+02	6.2826e+01
329	-2.2459e+00	4.1792e-02	5.2212e-01	1.0724e+01	2.8385e+01	-5.6721e+01

	-2.2459e+00	3.7653e-01	-1.9273e-01	1.8982e+02	3.7211e+01	-1.9379e+02
	0.0000e+00	3.7872e-01	-1.2215e-01	4.3496e+01	3.2269e+02	-1.6060e+02
	0.0000e+00	3.5146e-02	4.3408e-01	2.4221e+00	1.7776e+02	-7.7743e+00
328	-7.1248e-01	3.7116e-01	-2.4259e-01	2.6313e+02	3.2926e+01	-2.4695e+02
	-7.1248e-01	-1.3529e-01	-5.3995e-01	-1.7451e+02	-1.8464e+00	-3.3238e+02
	0.0000e+00	-1.5654e-01	-9.3540e-01	-4.1478e+01	-1.2201e+01	-4.1942e+02
	0.0000e+00	3.4283e-01	-6.3493e-01	5.1465e+01	3.0026e+02	-3.3843e+02
327	2.4519e+00	-1.3153e-01	-4.2688e-01	5.4732e+01	-3.0306e+01	-3.3711e+02
	2.4519e+00	-3.1640e-01	2.3033e-01	-1.2109e+02	-2.1403e+01	-2.8824e+02
	0.0000e+00	-3.2746e-01	-1.0727e-01	-2.3687e+01	-1.5009e+02	-3.1075e+02
	0.0000e+00	-1.4813e-01	-7.7520e-01	1.1267e+01	-5.5568e+01	-3.6033e+02
326	1.9870e+00	-3.1677e-01	2.1549e-01	-9.3597e+01	-4.9982e+00	-2.6671e+02
	1.9870e+00	-5.3137e-02	2.7748e-01	1.3518e+01	2.7675e+01	-2.0230e+02
	0.0000e+00	-5.0148e-02	4.3959e-01	1.1574e+01	2.5977e+01	-1.5293e+02
	0.0000e+00	-3.1079e-01	3.6890e-01	-2.5719e+01	-1.3383e+02	-2.1639e+02
325	-4.5230e-01	-5.3048e-02	2.7191e-01	1.9404e+02	5.4878e+01	-1.5634e+02
	-4.5230e-01	7.6281e-02	2.8192e-01	-3.7383e+02	-1.7331e+02	-2.7185e+01
	0.0000e+00	7.6281e-02	5.7327e-01	-6.2135e+01	5.1671e+01	-8.2181e+01
	0.0000e+00	-4.7949e-02	5.6525e-01	1.8855e+01	3.2428e+01	-2.1100e+02
324	0.0000e+00	-6.9178e-02	-9.5410e-02	-1.8793e+00	-8.4010e+01	-1.9516e+01
	0.0000e+00	-5.6474e-01	-4.2848e-01	-7.3740e+00	1.7223e+01	-4.4399e+01
	3.7742e-01	-2.9731e-01	-1.0835e-01	-1.8507e+01	-7.1556e+01	2.6385e+01
323	-9.0380e-02	-3.3075e+00	7.5134e-01	1.1470e+02	3.2049e+02	-1.7387e+02
	-1.6099e-02	9.2379e-02	2.1310e-01	-1.3141e+01	-1.0682e+00	-1.5820e+02
	-1.3203e-01	7.5373e-01	1.7387e+00	1.4920e+01	-1.5503e+02	-2.9120e+02
	-5.7751e-02	-2.9605e+00	1.5619e+00	5.7582e+01	-3.6344e+02	-1.9927e+02
322	0.0000e+00	4.0450e-01	-1.5145e+00	5.3870e+00	-2.6984e+01	2.4918e+02
	0.0000e+00	5.8391e-01	-1.9326e+00	-7.0056e+01	-1.7385e+02	2.0474e+02
	-7.6023e+00	8.3006e-01	1.1933e+00	-1.2710e+02	-1.0774e+02	1.6951e+02
	-7.6023e+00	5.2758e-01	-2.3115e-02	-4.2824e+01	-1.4412e+02	1.8862e+02

321	1.7700e-15	-6.3248e-01	-1.2254e+00	-1.7401e+00	-7.6512e+01	2.4434e+01
	1.9179e-15	-2.0905e+00	-1.8475e+00	1.2153e+01	8.2981e+01	8.5485e+00
	-7.6882e+00	7.8471e-01	1.5997e+00	1.5207e+01	1.2821e+01	7.8202e+01
	-7.6882e+00	1.4167e+00	8.8919e-01	-2.9020e+00	-9.8782e+01	9.3379e+01
320	0.0000e+00	-4.8825e-01	6.1910e-01	3.1209e+01	3.8913e+01	1.3526e+02
	0.0000e+00	4.3873e-01	-5.6364e-01	-3.3488e+01	-1.5265e+02	8.8866e+01
	-1.0015e+01	4.3873e-01	-3.6948e-01	-1.1612e+02	-9.1263e+00	2.9069e+01
	-1.0015e+01	-3.5363e-01	-9.2269e-01	8.9668e+01	6.0273e+00	7.3301e+01
319	0.0000e+00	4.3873e-01	-2.4672e-02	-3.1762e+01	-1.5429e+02	-2.4475e+01
	0.0000e+00	-1.6588e-01	-3.4299e-01	2.6114e+01	2.3811e+01	-7.5196e+01
	-1.0678e+01	4.0240e-03	1.3030e+00	7.7675e+01	4.1834e+00	-1.6100e+01
	-1.0678e+01	4.3873e-01	-2.6510e-01	-1.1344e+02	-1.3104e+01	3.0397e+01
318	0.0000e+00	-3.8626e-01	-3.1130e-02	4.9661e+00	-1.9617e+00	-1.3491e+01
	0.0000e+00	-5.6027e-01	-1.6286e+00	-4.6791e+00	-7.0194e+00	-1.2382e+01
	-9.8951e+00	1.0559e+00	7.2419e-01	-1.4526e+01	-1.6513e+01	-2.9419e+01
	-9.8951e+00	4.2182e-01	5.7350e-01	4.7760e+00	2.7842e+01	-2.5215e+01
317	0.0000e+00	-6.2153e-01	-1.5852e+00	2.0146e+01	-4.6551e+01	-2.3575e+00
	0.0000e+00	-9.8554e-01	-1.3503e+00	-8.8360e+01	-3.2770e+02	-3.0375e+01
	-9.3685e+00	1.3294e+00	2.5230e+00	-3.3388e+01	-1.2902e+02	-1.5182e+02
	-9.3685e+00	9.2177e-01	6.3302e-01	-9.6110e+01	-7.1273e+01	-1.1329e+02
316	0.0000e+00	5.9614e-01	2.3849e+00	-2.9569e+01	-9.1512e+01	-3.2811e+02
	0.0000e+00	-1.4822e-01	3.1819e-01	7.0595e+01	-5.3246e+01	-1.5585e+02
	-4.6137e+00	-1.4822e-01	2.0504e-01	4.2919e+02	4.0059e+01	-1.1231e+02
	-4.6137e+00	5.0109e-01	1.3028e+00	-3.0169e+02	-1.3159e+02	-2.6764e+02
315	0.0000e+00	-4.1741e-01	-2.5408e+00	4.6193e+00	4.2778e+00	4.6290e+01
	0.0000e+00	-3.6332e-01	7.9929e-01	3.4727e+00	1.6097e+01	6.5637e+01
	-4.3005e+00	-3.7539e-01	3.6462e-02	1.6184e+01	3.7521e+01	6.8928e+01
314	-5.1932e-15	-9.3003e-01	-1.3765e+00	1.1149e+00	-1.4475e+02	-2.7700e+02
	-4.6428e-15	6.8988e-01	2.4965e+00	2.9442e+00	-4.7288e+00	-2.6858e+02
	-5.2338e+00	2.3017e-01	8.5012e-01	8.1183e+00	-1.5057e+02	-1.7636e+02

313	-8.9402e-02	-3.2962e+00	7.4422e-01	-1.2295e+02	-3.2416e+02	1.7048e+02
	-3.4269e-02	1.0906e-01	2.4994e-01	6.5100e+00	5.6101e-02	1.5825e+02
	-1.1134e-01	7.4858e-01	1.7289e+00	-1.7128e+01	1.5681e+02	2.9358e+02
	-5.6208e-02	-2.9715e+00	1.5029e+00	-5.8984e+01	3.6355e+02	1.9796e+02
312	0.0000e+00	4.0698e-01	-1.4851e+00	-5.6130e+00	2.5703e+01	-2.5113e+02
	0.0000e+00	5.9945e-01	-1.9125e+00	7.1964e+01	1.7891e+02	-2.0591e+02
	-7.4798e+00	8.1006e-01	1.1814e+00	1.2962e+02	1.0923e+02	-1.6913e+02
	-7.4798e+00	5.1228e-01	5.9445e-04	4.3980e+01	1.4629e+02	-1.8826e+02
311	1.7969e-15	-6.2075e-01	-1.2031e+00	2.1852e+00	7.7526e+01	-2.0316e+01
	1.9429e-15	-2.0668e+00	-1.8103e+00	-1.4748e+01	-9.1853e+01	-4.1968e+00
	-7.5706e+00	7.8439e-01	1.5759e+00	-2.0008e+01	-1.7816e+01	-7.9255e+01
	-7.5706e+00	1.4113e+00	8.7086e-01	1.4903e+00	1.0086e+02	-9.3874e+01
310	0.0000e+00	-4.4905e-01	6.4172e-01	-3.0812e+01	-4.3415e+01	-1.3763e+02
	0.0000e+00	3.7667e-01	-5.7338e-01	3.1407e+01	1.3807e+02	-9.6191e+01
	-9.8299e+00	3.7667e-01	-4.0056e-01	1.0966e+02	-4.6830e-01	-4.0589e+01
	-9.8299e+00	-3.2923e-01	-8.8931e-01	-8.9179e+01	-8.3121e+00	-8.0940e+01
309	0.0000e+00	3.7667e-01	-1.3234e-01	2.2099e+01	1.4520e+02	-3.3366e+00
	0.0000e+00	-1.0893e-01	-3.9751e-01	-2.1716e+00	2.3622e+01	6.2128e+01
	-1.0608e+01	-5.2065e-03	1.3298e+00	-9.8966e+00	8.8489e+00	2.0613e+01
	-1.0608e+01	3.7667e-01	-2.7912e-01	8.7684e+01	2.0116e+01	-3.3463e+01
308	0.0000e+00	-3.4090e-01	-6.9257e-02	-1.7759e+00	4.9422e+01	5.4782e+01
	0.0000e+00	-4.7623e-01	-1.6577e+00	-8.2696e+00	-1.8378e+01	6.0796e+01
	-9.8314e+00	9.9836e-01	7.7273e-01	-1.8539e+01	9.3599e+00	5.3828e+01
	-9.8314e+00	3.9640e-01	6.2429e-01	8.6620e+00	-1.0416e+01	3.7671e+01
307	0.0000e+00	-5.7639e-01	-1.5868e+00	-2.1983e+01	4.4410e+01	1.7229e+01
	0.0000e+00	-9.4329e-01	-1.3418e+00	8.8759e+01	3.2958e+02	4.2530e+01
	-9.2444e+00	1.2633e+00	2.5169e+00	2.7896e+01	1.2047e+02	1.6688e+02
	-9.2444e+00	8.9467e-01	6.3867e-01	9.6208e+01	5.7427e+01	1.2885e+02
306	0.0000e+00	6.1492e-01	2.3637e+00	2.8019e+01	8.5702e+01	3.3893e+02
	0.0000e+00	-1.3737e-01	3.4848e-01	-7.2507e+01	4.6465e+01	1.5921e+02

	-4.5881e+00	-1.3737e-01	1.8889e-01	-4.3861e+02	-5.4050e+01	1.1355e+02
	-4.5881e+00	4.8087e-01	1.2406e+00	3.0083e+02	1.3002e+02	2.7437e+02
305	0.0000e+00	-4.2301e-01	-2.4914e+00	-4.5416e+00	-5.0398e+00	-4.9555e+01
	0.0000e+00	-3.3529e-01	8.0580e-01	-3.5380e+00	-2.2871e+01	-6.8812e+01
	-4.2453e+00	-3.5486e-01	4.1710e-02	-1.6159e+01	-3.5907e+01	-7.5993e+01
304	-5.1022e-15	-9.2429e-01	-1.3508e+00	-8.9400e-01	1.4411e+02	2.9041e+02
	-4.5631e-15	6.8099e-01	2.4423e+00	-2.9221e+00	-5.5341e+00	2.8259e+02
	-5.1258e+00	2.2544e-01	8.2358e-01	-7.6322e+00	1.5279e+02	1.8370e+02
303	-6.0060e-02	-7.7308e-02	4.7891e-01	-1.0204e+02	5.1796e+01	9.5166e+01
	-6.2853e-02	-4.7362e-01	4.4562e-01	1.8437e+02	3.9055e+02	4.4872e+01
	6.2755e-02	-4.5750e-01	3.4120e-01	-3.6727e+01	-2.8359e+02	1.3045e+02
	5.9962e-02	-5.5976e-02	3.4257e-01	-5.6069e+01	-6.3827e+01	2.0745e+02
302	1.7892e+00	3.7888e-02	-9.7806e-02	-4.5433e+00	-4.3908e+01	-1.6910e+02
	1.7892e+00	-2.7964e-01	-1.3397e-01	7.1842e+01	-8.2173e+00	-1.9308e+02
	0.0000e+00	-3.7567e-01	-5.7224e-01	3.0965e+01	3.2529e+01	-1.5909e+02
	0.0000e+00	-1.0130e-02	-3.9093e-01	-9.9255e+00	-5.2269e+01	-1.2856e+02
301	1.9828e+00	-2.1165e-01	2.1976e-03	1.1440e+01	4.3656e+01	-2.2551e+02
	1.9828e+00	-8.8069e-03	7.5882e-01	7.7935e+01	4.1331e+01	-2.6076e+02
	0.0000e+00	-1.5245e-03	2.8374e-01	3.0459e+01	6.5106e+01	-2.5698e+02
	0.0000e+00	-2.0680e-01	-3.1203e-01	-6.3204e+00	7.0218e+01	-2.1619e+02
300	-1.0905e+00	4.7958e-02	6.9163e-02	1.7025e+01	2.0864e+00	-2.5903e+02
	-1.0905e+00	4.4401e-01	4.9917e-01	-1.6544e+02	-5.6736e+01	-2.5981e+02
	0.0000e+00	6.6645e-01	1.0244e+00	-6.2597e+01	-1.0964e+02	-3.1522e+02
	0.0000e+00	2.1479e-01	5.0595e-01	7.3873e+00	5.9170e+01	-3.3736e+02
299	-2.6403e+00	3.4825e-01	-7.7503e-02	-5.0588e+01	-1.3010e+02	-1.4205e+02
	-2.6403e+00	1.9067e-01	-8.4957e-01	-1.1576e+02	-1.0112e+02	-9.4615e+01
	1.4836e-15	2.5859e-01	2.6326e-01	-6.2275e+01	-1.2668e+02	-1.1304e+02
	1.3896e-15	4.0258e-01	8.2113e-01	8.3976e+00	-9.0061e+01	-1.7022e+02
298	-5.0142e-01	1.8580e-01	1.5017e-02	-1.3653e+01	-8.7070e+01	-2.8244e+01
	-5.0142e-01	-2.4778e-01	-4.8445e-01	5.4969e+01	5.7168e+01	-1.1035e+01

	7.8064e-16	-9.5065e-01	-6.1461e-01	1.5307e+01	7.2900e+01	6.1770e+01
	6.3119e-16	-4.1284e-01	-1.5056e-01	9.9808e-01	-8.5245e+01	5.0149e+01
297	2.9605e-01	-2.4145e-01	-1.0566e-01	9.1375e+01	5.5134e+01	-7.9216e+01
	2.9605e-01	-3.6446e-02	7.1493e-02	1.8759e+01	4.2999e+00	-8.1701e+01
	0.0000e+00	-5.3232e-01	5.4023e-01	-3.2572e+00	-4.5910e+01	-1.5495e+02
	0.0000e+00	-8.4167e-01	3.8398e-01	4.8701e+01	1.1863e+02	-1.3385e+02
296	-1.8826e+00	-8.5443e-02	8.3919e-01	-5.3754e+01	-5.4395e+01	-7.2166e+01
	-1.8826e+00	4.2109e-01	8.8384e-03	-2.9871e+01	-1.0500e+02	-2.9151e+01
	1.4482e-16	1.9167e-01	-2.7360e-01	4.1263e+00	-1.1153e+02	-4.8040e+01
	3.2515e-17	-3.7601e-01	4.2379e-01	-2.4038e+01	-4.1970e+01	-9.0900e+01
295	-2.1076e+00	4.5365e-01	3.7762e-02	-2.0266e+02	-6.0910e+01	6.2785e+01
	-2.1076e+00	8.4725e-05	-8.0288e-02	3.9148e+01	-1.8187e+01	6.9836e+01
	-1.8057e-16	1.8045e-01	-7.2194e-01	1.0172e+01	3.8549e+01	1.4209e+02
	-1.7561e-16	6.9955e-01	-7.5274e-01	-6.9301e+01	-1.1602e+02	1.1057e+02
294	3.3901e-01	8.4165e-03	-5.6656e-01	1.5541e+01	2.5655e+01	8.8409e+01
	3.3901e-01	-3.2001e-01	9.7827e-02	3.5308e+01	5.9219e+01	4.8986e+01
	0.0000e+00	-3.1245e-01	1.2451e-01	8.4672e-01	1.0853e+02	6.7518e+01
	0.0000e+00	2.0288e-02	-5.1594e-01	8.8095e+00	4.8565e+01	1.0777e+02
293	-2.4373e-01	-3.5153e-01	2.3362e-01	1.7544e+02	2.0855e+01	1.4520e+01
	-2.4373e-01	1.1867e-01	3.3243e-01	-1.2429e+02	1.0355e+01	3.2418e+01
	0.0000e+00	4.6252e-02	6.6028e-01	-2.4952e+01	-1.0817e+02	-3.4322e+01
	0.0000e+00	-5.2022e-01	5.4426e-01	5.0382e+01	9.5278e+01	-3.8931e+01
292	-2.5998e+00	1.1766e-01	4.6237e-01	-1.0594e+01	-1.9731e+01	4.6779e+01
	-2.5998e+00	4.2381e-01	-2.3174e-01	-1.3039e+02	-2.5478e+01	1.4293e+02
	0.0000e+00	4.3312e-01	-5.3286e-02	-2.9747e+01	-2.2361e+02	1.2106e+02
	0.0000e+00	8.9402e-02	4.5721e-01	-2.5947e+00	-1.2640e+02	1.3809e+01
291	-1.1059e+00	4.2365e-01	-2.0791e-01	-1.8064e+02	-2.2252e+01	1.8038e+02
	-1.1059e+00	-1.3577e-01	-4.9178e-01	1.1704e+02	1.7109e+00	2.4113e+02
	0.0000e+00	-1.6033e-01	-9.4506e-01	2.7903e+01	4.9191e+00	3.0050e+02
	0.0000e+00	3.9090e-01	-6.5635e-01	-3.5256e+01	-2.0814e+02	2.4279e+02

290	2.0238e+00	-1.3214e-01	-3.8160e-01	-3.6991e+01	2.0711e+01	2.4554e+02
	2.0238e+00	-2.8905e-01	2.0757e-01	7.7100e+01	1.5760e+01	2.1619e+02
	0.0000e+00	-3.0228e-01	-1.8800e-01	1.5024e+01	9.4099e+01	2.3067e+02
	0.0000e+00	-1.5198e-01	-7.8602e-01	-7.4458e+00	3.3927e+01	2.6049e+02
289	1.8479e+00	-2.8904e-01	2.0649e-01	6.2178e+01	-8.6989e-01	2.0715e+02
	1.8479e+00	-1.7709e-02	2.6724e-01	-1.5662e+01	-2.7261e+01	1.6998e+02
	0.0000e+00	-1.6697e-02	3.1697e-01	-1.1110e+01	-6.0390e+01	1.2770e+02
	0.0000e+00	-2.8701e-01	2.4814e-01	1.9802e+01	7.7234e+01	1.6422e+02
288	-3.3874e-01	-1.6484e-02	3.2763e-01	-2.1377e+02	-5.7775e+01	1.3736e+02
	-3.3874e-01	-1.4822e-01	4.4756e-01	3.7095e+02	1.7308e+02	2.7073e+01
	0.0000e+00	-1.4822e-01	5.3416e-01	5.9514e+01	-1.1546e+02	7.5448e+01
	0.0000e+00	-1.4969e-02	4.1571e-01	-1.9210e+01	-6.8699e+01	1.8556e+02
287	0.0000e+00	-1.2189e-01	-5.8962e-02	1.6270e+00	5.9259e+01	-3.1862e+00
	0.0000e+00	-5.5691e-01	-4.0792e-01	5.0528e+00	-3.3336e+00	1.4739e+01
	3.9542e-01	-3.2215e-01	-9.6365e-02	1.3360e+01	5.6509e+01	-3.0398e+01
262	0.0000e+00	0.0000e+00	0.0000e+00	-1.2086e+02	1.1052e+02	2.2377e+02
	0.0000e+00	0.0000e+00	0.0000e+00	4.2654e+01	1.7858e+02	1.3427e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6104e+02	-9.9267e+01	2.2709e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.3489e+01	-2.5416e+02	3.1842e+02
261	0.0000e+00	0.0000e+00	0.0000e+00	5.2971e+01	1.2076e+02	1.3027e+02
	0.0000e+00	0.0000e+00	0.0000e+00	8.8075e+01	4.9341e+01	1.4581e+02
	0.0000e+00	0.0000e+00	0.0000e+00	2.6682e+02	-2.6457e+02	4.3850e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1466e+02	-6.1732e+01	2.2303e+01
260	0.0000e+00	0.0000e+00	0.0000e+00	2.1558e+02	-8.2391e+01	1.3780e+02
	0.0000e+00	0.0000e+00	0.0000e+00	9.9709e+01	7.0562e+01	4.1895e+02
	0.0000e+00	0.0000e+00	0.0000e+00	3.5631e+02	-1.1680e+02	4.8938e+02
	0.0000e+00	0.0000e+00	0.0000e+00	3.9403e+02	-1.6888e+02	2.1316e+02
259	0.0000e+00	0.0000e+00	0.0000e+00	-4.2521e+01	3.4177e+02	3.6467e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5862e+02	7.0713e+02	2.9288e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.0484e+02	2.9430e+01	5.4347e+02

	0.0000e+00	0.0000e+00	0.0000e+00	1.0000e+02	-2.5475e+02	6.1534e+02
258	0.0000e+00	0.0000e+00	0.0000e+00	-2.3536e+02	-7.0061e+02	-5.7465e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9629e+03	-1.1640e+03	-3.2109e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0287e+03	7.7983e+02	-2.7059e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.6642e+02	2.5108e+02	-5.2444e+02
257	0.0000e+00	0.0000e+00	0.0000e+00	-1.9609e+03	-1.2218e+03	-7.7781e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1825e+02	-1.0023e+03	1.0452e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-8.0621e+02	2.4333e+02	-6.0026e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.6147e+02	7.2939e+02	-2.4495e+02
256	0.0000e+00	0.0000e+00	0.0000e+00	-1.5564e+02	-8.4270e+02	5.4102e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.2609e+01	-8.8288e+02	-2.1352e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.6262e+02	8.7431e+01	-2.3876e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.7646e+02	7.9194e+01	3.2101e+01
255	0.0000e+00	0.0000e+00	0.0000e+00	-1.8396e+02	-1.0667e+03	-2.7300e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7710e+03	-1.3598e+03	-1.2273e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-8.7216e+02	7.1632e+02	2.3861e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.1309e+02	2.2601e+02	-1.4305e+02
254	0.0000e+00	0.0000e+00	0.0000e+00	-1.7502e+03	-1.3557e+03	1.4478e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.1589e+01	-1.0727e+03	2.8555e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.0360e+02	2.2772e+02	1.5038e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-8.5082e+02	7.1645e+02	1.6176e+01
253	0.0000e+00	0.0000e+00	0.0000e+00	6.4284e+01	-8.8431e+02	2.1287e+02
	0.0000e+00	0.0000e+00	0.0000e+00	3.2658e+01	-8.3238e+02	-6.0453e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8613e+02	8.6812e+01	-3.2493e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2370e+02	9.5755e+01	2.4599e+02
252	0.0000e+00	0.0000e+00	0.0000e+00	-1.0209e+02	-9.9030e+02	-1.0514e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7845e+03	-1.2222e+03	7.3135e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.7694e+02	7.4850e+02	2.3635e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.0356e+02	2.5319e+02	5.6797e+01
251	0.0000e+00	0.0000e+00	0.0000e+00	-1.8091e+03	-1.1749e+03	3.1166e+02

	0.0000e+00	0.0000e+00	0.0000e+00	-2.4698e+02	-7.0979e+02	5.8048e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.3535e+02	2.8469e+02	5.3868e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-8.7038e+02	8.0176e+02	2.6681e+02
250	0.0000e+00	0.0000e+00	0.0000e+00	-7.8682e+01	-4.2926e+02	5.5525e+02
	0.0000e+00	0.0000e+00	0.0000e+00	2.1940e+02	-1.5310e+02	3.8637e+02
	0.0000e+00	0.0000e+00	0.0000e+00	2.4328e+01	1.9687e+01	4.8634e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2688e+02	1.5464e+02	6.4677e+02
249	0.0000e+00	0.0000e+00	0.0000e+00	1.1762e+02	-2.0415e+02	-5.0072e+02
	0.0000e+00	0.0000e+00	0.0000e+00	2.6302e+02	-2.3738e+02	-2.2168e+02
	0.0000e+00	0.0000e+00	0.0000e+00	4.4631e+02	-1.4657e+02	-2.3529e+02
	0.0000e+00	0.0000e+00	0.0000e+00	3.6640e+02	-1.3329e+02	-5.0997e+02
248	0.0000e+00	0.0000e+00	0.0000e+00	1.1576e+02	-8.9996e+01	-1.8072e+02
	0.0000e+00	0.0000e+00	0.0000e+00	5.3339e+01	2.0661e+01	-1.5512e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0216e+02	1.5548e+01	-1.7226e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.9744e+02	-2.2423e+02	-5.0612e+01
247	0.0000e+00	0.0000e+00	0.0000e+00	5.5868e+01	9.6003e+01	-1.4620e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3545e+02	1.3521e+02	-2.2707e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-7.9690e+01	-1.9995e+02	-2.8841e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3649e+02	-2.5902e+01	-2.0237e+02
246	0.0000e+00	0.0000e+00	0.0000e+00	-3.3419e+02	-2.2730e+01	2.3155e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.6385e+02	4.6949e+02	9.0033e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1425e+03	-8.6556e+02	8.2221e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7272e+02	-3.1399e+02	1.8835e+02
245	0.0000e+00	0.0000e+00	0.0000e+00	-8.7146e+02	-1.0937e+03	-2.9503e+01
	0.0000e+00	0.0000e+00	0.0000e+00	4.1919e+02	-5.6670e+02	-6.7283e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0466e+02	-2.7679e+02	7.5172e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5133e+02	1.2277e+02	1.0924e+01
244	0.0000e+00	0.0000e+00	0.0000e+00	-2.8166e+02	-3.2423e+02	-5.0003e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.8128e+02	-3.4421e+02	1.6236e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1129e+02	-1.3651e+02	1.6371e+02

	0.0000e+00	0.0000e+00	0.0000e+00	-7.4211e+01	-1.5792e+02	-4.8782e+01
243	0.0000e+00	0.0000e+00	0.0000e+00	-4.1271e+02	-2.2973e+02	1.4226e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.9946e+02	3.6150e+02	2.5884e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2238e+03	-8.9890e+02	5.8602e+01
	0.0000e+00	0.0000e+00	0.0000e+00	7.3221e+01	-3.2495e+02	1.3671e+02
242	0.0000e+00	0.0000e+00	0.0000e+00	-9.0214e+02	-1.2447e+03	3.4303e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.5288e+02	-6.1614e+02	8.5846e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3749e+02	-4.9030e+02	8.1072e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2907e+02	1.3450e+01	4.2747e+01
241	0.0000e+00	0.0000e+00	0.0000e+00	-5.0377e+02	-3.1184e+02	-8.6939e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7718e+02	-2.7369e+02	5.7832e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8074e+02	-2.0970e+02	4.7469e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7414e+02	-1.5374e+02	-9.7243e+01
240	0.0000e+00	0.0000e+00	0.0000e+00	-7.3603e+02	-2.0142e+02	-1.3792e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4665e+02	4.6567e+02	-1.1004e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2489e+03	-9.8390e+02	-8.8112e+01
	0.0000e+00	0.0000e+00	0.0000e+00	3.6913e-01	-3.3268e+02	3.8281e+00
239	0.0000e+00	0.0000e+00	0.0000e+00	-9.1321e+02	-1.2704e+03	1.4825e+02
	0.0000e+00	0.0000e+00	0.0000e+00	4.6749e+02	-7.2595e+02	1.9594e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.4263e+01	-3.3455e+02	2.6731e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.8111e+02	8.4059e+01	1.7318e+02
238	0.0000e+00	0.0000e+00	0.0000e+00	-1.1571e+03	-7.1118e+02	9.5930e+01
	0.0000e+00	0.0000e+00	0.0000e+00	5.7898e+01	-1.9194e+02	1.2371e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.1631e+02	5.2009e+02	1.9270e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.2590e+02	9.1973e+02	1.8826e+02
237	0.0000e+00	0.0000e+00	0.0000e+00	-5.3510e+00	-2.1471e+02	-1.2657e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1539e+03	-7.0086e+02	4.0355e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.7124e+02	9.3538e+02	3.7145e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4287e+02	4.2846e+02	9.0698e+00
236	0.0000e+00	0.0000e+00	0.0000e+00	-1.1160e+01	-1.6702e+02	-1.8381e+01

	0.0000e+00	0.0000e+00	0.0000e+00	-1.2665e+03	-6.8359e+02	-8.4810e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.7310e+02	1.0157e+03	-5.3828e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.8384e+02	5.6254e+02	-4.9432e+01
235	0.0000e+00	0.0000e+00	0.0000e+00	-1.2701e+03	-6.9631e+02	6.7327e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.5412e+01	-1.9542e+02	8.2195e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.7162e+02	5.3955e+02	9.6965e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.8061e+02	1.0044e+03	1.0090e+02
234	0.0000e+00	0.0000e+00	0.0000e+00	-7.3655e+01	-2.3206e+02	-1.1532e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3331e+03	-7.4382e+02	-1.0535e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.9914e+02	8.7052e+02	-1.9325e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.9091e+02	4.7626e+02	-1.8381e+02
233	0.0000e+00	0.0000e+00	0.0000e+00	-1.2945e+03	-7.3334e+02	-3.9869e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1843e+02	-2.3642e+02	1.2289e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.2914e+02	3.7822e+02	-6.6934e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.3669e+02	8.8672e+02	-2.7312e+01
232	0.0000e+00	0.0000e+00	0.0000e+00	-9.1818e+02	6.0345e+02	-1.8350e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.2563e+02	5.4421e+02	-1.0214e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.9815e+02	7.4530e+02	-1.2255e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-7.3231e+02	7.1800e+02	-2.0384e+02
231	0.0000e+00	0.0000e+00	0.0000e+00	-5.5720e+02	4.1503e+02	-4.1172e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-8.0300e+02	5.9350e+02	-3.2856e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.9594e+02	6.8168e+02	-1.1000e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.7333e+02	5.2513e+02	-1.8606e+02
230	0.0000e+00	0.0000e+00	0.0000e+00	-5.4383e+02	5.6536e+02	-1.0864e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.6548e+02	5.8455e+02	-8.3081e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.5761e+02	7.8289e+02	-5.0433e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.8495e+02	7.5177e+02	-7.6190e+01
229	0.0000e+00	0.0000e+00	0.0000e+00	-6.1237e+02	5.9726e+02	-9.3864e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.7034e+02	6.9142e+02	-4.0107e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.7468e+02	8.6301e+02	5.3607e+01

	0.0000e+00	0.0000e+00	0.0000e+00	-5.7500e+02	8.1113e+02	1.9924e+00
228	0.0000e+00	0.0000e+00	0.0000e+00	-7.5686e+02	6.9768e+02	6.6137e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.0300e+02	6.0443e+02	1.1525e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.8380e+02	8.2561e+02	2.5883e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.5807e+02	8.6812e+02	-2.0609e+01
227	0.0000e+00	0.0000e+00	0.0000e+00	-3.3373e+02	6.0131e+02	9.9857e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5452e+02	5.8647e+02	1.1327e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1504e+02	7.8285e+02	8.9404e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.3856e+02	8.0513e+02	7.5830e+01
226	0.0000e+00	0.0000e+00	0.0000e+00	-4.3113e+02	5.6899e+02	1.0107e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-7.3196e+02	6.3230e+02	1.7425e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.5041e+02	7.6426e+02	2.0227e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.1973e+02	7.8390e+02	1.2897e+02
225	0.0000e+00	0.0000e+00	0.0000e+00	-6.4125e+02	6.1479e+02	3.2206e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.1344e+02	4.4813e+02	4.1697e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.8781e+02	5.7997e+02	2.0173e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.3499e+02	7.3200e+02	1.1206e+02
224	0.0000e+00	0.0000e+00	0.0000e+00	-5.4647e+01	-6.8332e+01	1.4082e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-7.6180e+01	-5.7645e+01	-3.3142e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.0585e+02	4.9011e+02	-1.6380e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6976e+02	4.7092e+02	1.6074e+02
223	0.0000e+00	0.0000e+00	0.0000e+00	-1.4956e+02	-8.3791e+01	8.5145e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9952e+02	-1.0632e+02	-1.0995e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.3152e+02	4.3225e+02	-1.3914e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.1587e+02	4.5461e+02	5.8236e+01
222	0.0000e+00	0.0000e+00	0.0000e+00	-2.7033e+02	8.8670e+02	2.3659e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3155e+02	7.2085e+02	-1.2153e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.3131e+02	-5.5269e+01	-1.7404e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-7.4811e+02	-4.8604e+01	1.8370e+02
221	0.0000e+00	0.0000e+00	0.0000e+00	-3.1484e+01	4.5304e+02	-1.2997e+02

	0.0000e+00	0.0000e+00	0.0000e+00	-6.0561e-01	2.1085e+02	-7.1793e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.3190e+02	-2.3937e+02	-2.7713e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1872e+02	1.5364e+01	-3.4156e+02
220	0.0000e+00	0.0000e+00	0.0000e+00	1.2805e+02	-2.2111e+00	-9.4956e+01
	0.0000e+00	0.0000e+00	0.0000e+00	7.8776e+01	1.4396e+02	2.4637e+02
	0.0000e+00	0.0000e+00	0.0000e+00	3.4212e+02	-1.0958e+02	3.0470e+02
	0.0000e+00	0.0000e+00	0.0000e+00	4.2490e+02	-1.7745e+02	-1.8233e+01
219	0.0000e+00	0.0000e+00	0.0000e+00	-9.1121e+01	3.5978e+02	1.7968e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2256e+02	6.8377e+02	1.5239e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4966e+02	1.7618e+01	3.9633e+02
	0.0000e+00	0.0000e+00	0.0000e+00	9.5861e+01	-2.6312e+02	4.3308e+02
218	0.0000e+00	0.0000e+00	0.0000e+00	-2.6380e+02	-6.2720e+02	-4.2636e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0016e+03	-1.0791e+03	-1.8422e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1332e+03	8.6075e+02	-8.4677e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.4270e+02	2.5829e+02	-3.1509e+02
217	0.0000e+00	0.0000e+00	0.0000e+00	-2.0159e+03	-1.1263e+03	6.2205e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5936e+02	-8.6377e+02	1.8741e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-8.9774e+02	3.2585e+02	7.1173e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0803e+03	7.9526e+02	-6.9160e+01
216	0.0000e+00	0.0000e+00	0.0000e+00	-2.1814e+02	-7.0186e+02	1.3065e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7976e+02	-7.0479e+02	-1.5979e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.5964e+02	2.0218e+02	-1.5178e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.8265e+02	1.6959e+02	1.3969e+02
215	0.0000e+00	0.0000e+00	0.0000e+00	-3.8232e+02	-8.3380e+02	-2.7820e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8017e+03	-1.0104e+03	-3.5703e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.3888e+02	8.7926e+02	1.8807e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-9.0009e+02	3.6334e+02	1.7603e+01
214	0.0000e+00	0.0000e+00	0.0000e+00	-1.7276e+03	-1.1083e+03	2.5901e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4590e+02	-8.8389e+02	1.2165e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.8358e+02	6.5364e+02	4.3231e+02

	0.0000e+00	0.0000e+00	0.0000e+00	-8.1952e+02	7.1011e+02	2.3864e+02
213	0.0000e+00	0.0000e+00	0.0000e+00	-9.7566e+01	-7.2369e+02	8.2235e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1403e+02	-6.5773e+02	-1.0176e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.2759e+02	4.2746e+02	-2.9723e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.0098e+02	7.3657e+02	-1.0747e+02
212	0.0000e+00	0.0000e+00	0.0000e+00	-4.4623e+02	-8.5679e+02	-1.8631e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6082e+03	-1.1177e+03	-2.2371e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.9024e+02	7.8450e+02	-1.8577e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.8936e+02	5.1193e+02	-1.8489e+02
211	0.0000e+00	0.0000e+00	0.0000e+00	-1.9448e+03	-1.1142e+03	1.0369e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.3511e+02	-6.1729e+02	3.8475e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.7369e+02	3.1059e+02	3.3876e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-9.2398e+02	8.5313e+02	1.1492e+02
210	0.0000e+00	0.0000e+00	0.0000e+00	-1.5255e+02	-3.8425e+02	3.5033e+02
	0.0000e+00	0.0000e+00	0.0000e+00	1.6927e+02	-1.1667e+02	1.9627e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.6075e+01	-3.6834e+01	2.4478e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.6913e+02	1.3308e+02	4.2091e+02
209	0.0000e+00	0.0000e+00	0.0000e+00	1.0687e+02	-2.5830e+02	-2.4841e+02
	0.0000e+00	0.0000e+00	0.0000e+00	1.4902e+02	-2.9690e+02	4.9378e+01
	0.0000e+00	0.0000e+00	0.0000e+00	3.7501e+02	-2.6803e+02	2.4807e+01
	0.0000e+00	0.0000e+00	0.0000e+00	3.3308e+02	-2.1986e+02	-2.7558e+02
208	0.0000e+00	0.0000e+00	0.0000e+00	4.0736e+01	-1.5668e+02	6.8414e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3329e+01	2.6977e+01	1.4684e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5993e+02	-7.8508e+01	2.9579e+02
	0.0000e+00	0.0000e+00	0.0000e+00	3.1068e+02	-3.1942e+02	2.2973e+02
207	0.0000e+00	0.0000e+00	0.0000e+00	-1.9865e+02	2.7224e+02	1.1352e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5871e+02	4.0662e+02	-2.6347e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-7.8927e+02	-1.4576e+02	-2.2254e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.9763e+02	-2.0822e+02	1.8635e+02
206	0.0000e+00	0.0000e+00	0.0000e+00	-2.5170e+02	-9.7390e+02	3.6906e+02

	0.0000e+00	0.0000e+00	0.0000e+00	-2.0818e+03	-1.4000e+03	1.5817e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8949e+03	-1.3418e+03	-1.2785e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.9531e+00	-7.5384e+02	-1.5768e+02
205	0.0000e+00	0.0000e+00	0.0000e+00	-1.4560e+03	-1.9767e+03	-1.3485e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5293e+03	-2.0467e+03	-5.7934e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3048e+03	2.4474e+01	-4.1171e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0396e+03	5.3533e+01	-3.2971e+02
204	0.0000e+00	0.0000e+00	0.0000e+00	5.8594e+01	-1.2886e+03	8.4445e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1163e+02	-1.2030e+03	9.5070e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5487e+01	-1.1155e+03	-4.0616e+01
	0.0000e+00	0.0000e+00	0.0000e+00	6.1498e+01	-9.4780e+02	4.7129e+01
203	0.0000e+00	0.0000e+00	0.0000e+00	5.9579e+01	-1.3777e+03	2.3487e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0048e+03	-1.6546e+03	7.2981e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9760e+03	-1.6722e+03	-1.0040e+02
	0.0000e+00	0.0000e+00	0.0000e+00	4.8839e+01	-1.2601e+03	-1.1700e+02
202	0.0000e+00	0.0000e+00	0.0000e+00	-1.6418e+03	-1.9577e+03	-7.3057e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6896e+03	-1.9987e+03	9.6915e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4619e+03	-5.2885e+01	1.0844e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1384e+03	-4.4414e+01	-2.4880e+02
201	0.0000e+00	0.0000e+00	0.0000e+00	-4.1357e+01	-1.3038e+03	-5.8601e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3488e+02	-1.2735e+03	-1.2201e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2254e+02	-9.6590e+02	-8.5946e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5997e+02	-1.0164e+03	2.9502e+01
200	0.0000e+00	0.0000e+00	0.0000e+00	-1.8807e+02	-1.3746e+03	1.2273e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1841e+03	-1.5256e+03	-1.3216e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0882e+03	-1.5207e+03	-1.9922e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2385e+02	-1.1520e+03	-1.9631e+02
199	0.0000e+00	0.0000e+00	0.0000e+00	-1.3437e+03	-2.0961e+03	-1.4754e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4522e+03	-2.1625e+03	2.4916e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0908e+03	-1.1915e+02	1.9660e+02

	0.0000e+00	0.0000e+00	0.0000e+00	-7.1568e+02	-2.4374e+01	-3.1569e+02
198	0.0000e+00	0.0000e+00	0.0000e+00	-1.8606e+03	-1.0715e+03	9.5929e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6677e+02	-7.8278e+02	2.6999e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.5508e+02	2.6314e+02	1.9675e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.9330e+02	6.6967e+02	1.6701e+02
197	0.0000e+00	0.0000e+00	0.0000e+00	4.8946e+02	7.0218e+01	5.3592e+02
	0.0000e+00	0.0000e+00	0.0000e+00	2.1980e+02	1.3052e+01	4.6767e+02
	0.0000e+00	0.0000e+00	0.0000e+00	3.1204e+02	-1.1824e+02	4.5704e+02
196	0.0000e+00	0.0000e+00	0.0000e+00	-2.0346e+02	-8.7657e+02	-2.9936e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8410e+03	-1.3447e+03	-7.9908e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.2053e+02	9.2434e+02	-7.2666e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.4020e+02	2.7603e+02	-1.0253e+02
195	0.0000e+00	0.0000e+00	0.0000e+00	-1.8140e+03	-1.3755e+03	1.4787e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5067e+02	-7.1162e+02	1.7007e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-7.0326e+02	3.8475e+02	3.1309e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-9.2774e+02	7.6854e+02	3.3899e+02
194	0.0000e+00	0.0000e+00	0.0000e+00	-4.5173e+02	-6.8255e+02	-2.9182e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9829e+03	-1.1219e+03	-1.3768e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-9.5262e+02	9.5438e+02	-1.8514e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-8.3093e+02	4.9708e+02	-2.8123e+02
193	0.0000e+00	0.0000e+00	0.0000e+00	-1.9461e+03	-1.1527e+03	2.5037e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7989e+02	-5.7122e+02	4.4201e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.8319e+02	3.1415e+02	4.3831e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-8.7798e+02	8.9083e+02	3.4795e+02
192	0.0000e+00	0.0000e+00	0.0000e+00	-1.0474e+03	7.0215e+02	1.6464e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.7008e+02	6.4455e+02	3.2849e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.8956e+02	7.2894e+02	-1.4894e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.7715e+02	7.4748e+02	-3.0490e+01
191	0.0000e+00	0.0000e+00	0.0000e+00	-6.2729e+02	4.2878e+02	-1.6095e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-8.9391e+02	6.7149e+02	-9.5301e+01

	0.0000e+00	0.0000e+00	0.0000e+00	-9.1247e+02	7.1714e+02	1.6608e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.2624e+02	5.3633e+02	1.1667e+02
190	0.0000e+00	0.0000e+00	0.0000e+00	-6.6729e+02	6.6090e+02	2.4887e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.9138e+02	6.9394e+02	1.3415e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-6.3063e+02	7.0694e+02	1.1982e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.8197e+02	7.2034e+02	3.6447e+01
189	0.0000e+00	0.0000e+00	0.0000e+00	-8.0598e+02	6.8310e+02	1.3687e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-7.9752e+02	7.5613e+02	1.2450e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-9.1296e+02	8.2670e+02	2.4212e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-7.1795e+02	7.1468e+02	2.3881e+02
188	0.0000e+00	0.0000e+00	0.0000e+00	-1.0506e+03	7.5020e+02	3.6831e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5817e+02	8.6878e+02	3.1836e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-7.2441e+02	5.2160e+02	2.3835e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-7.3932e+02	7.9483e+02	3.3764e+02
187	0.0000e+00	0.0000e+00	0.0000e+00	-5.2473e+02	7.4956e+02	-2.7816e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.1255e+02	7.5799e+02	-3.2613e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-7.1842e+02	6.1443e+02	-2.5072e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.6052e+02	5.1520e+02	-2.1763e+02
186	0.0000e+00	0.0000e+00	0.0000e+00	-4.4919e+02	7.0657e+02	-3.8106e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-8.2010e+02	5.5218e+02	-3.9718e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.0829e+02	6.6770e+02	-4.3210e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-9.0517e+02	5.8591e+02	-4.4659e+02
185	0.0000e+00	0.0000e+00	0.0000e+00	-7.2729e+02	5.8668e+02	1.9309e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.5396e+02	3.7708e+02	2.3901e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2743e+02	4.8377e+02	1.7128e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.1603e+02	6.9983e+02	-9.1798e+01
184	0.0000e+00	0.0000e+00	0.0000e+00	3.8835e+01	-6.5733e+02	9.2110e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1129e+02	-5.8209e+02	-2.3825e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.4374e+02	1.6368e+02	-1.5432e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.0379e+02	-2.0714e+01	1.7285e+02

183	0.0000e+00	0.0000e+00	0.0000e+00	-2.0124e+02	-5.3336e+02	1.2682e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7367e+02	-4.8738e+02	-1.9200e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.3689e+02	3.5898e+02	-1.4554e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.0202e+02	2.9475e+02	1.8823e+02
182	0.0000e+00	0.0000e+00	0.0000e+00	-9.7754e+02	5.4841e+02	-5.0532e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5084e+02	6.4157e+02	-8.0640e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5639e+03	-1.1926e+03	-3.0578e+02
181	0.0000e+00	0.0000e+00	0.0000e+00	-6.1910e+02	9.7885e+02	-3.4891e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.9373e+02	4.3012e+02	-3.8396e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.7745e+02	-5.2009e+02	-4.1617e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8036e+03	-1.0590e+03	-1.8233e+02
180	0.0000e+00	0.0000e+00	0.0000e+00	-2.7459e+02	8.6378e+02	1.1072e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0747e+02	6.9155e+02	-2.1794e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.9929e+02	-6.8632e+01	-2.6715e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-7.0520e+02	-7.5386e+01	5.8069e+01
179	0.0000e+00	0.0000e+00	0.0000e+00	-1.7004e+01	4.2697e+02	-2.2327e+02
	0.0000e+00	0.0000e+00	0.0000e+00	3.0958e-01	1.9723e+02	-1.4904e+02
	0.0000e+00	0.0000e+00	0.0000e+00	2.4422e+02	-2.3913e+02	-3.4537e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8641e+02	1.6375e-01	-4.2425e+02
178	0.0000e+00	0.0000e+00	0.0000e+00	1.2680e+02	-2.5450e+00	-1.7548e+02
	0.0000e+00	0.0000e+00	0.0000e+00	5.9044e+01	1.5860e+02	1.6440e+02
	0.0000e+00	0.0000e+00	0.0000e+00	3.2515e+02	-9.2659e+01	2.3872e+02
	0.0000e+00	0.0000e+00	0.0000e+00	4.2085e+02	-1.8308e+02	-8.2924e+01
177	0.0000e+00	0.0000e+00	0.0000e+00	-1.0375e+02	3.9537e+02	9.0381e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6000e+02	7.4512e+02	3.1775e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.2677e+02	1.8774e+01	2.8671e+02
	0.0000e+00	0.0000e+00	0.0000e+00	7.3992e+01	-2.5947e+02	3.5365e+02
176	0.0000e+00	0.0000e+00	0.0000e+00	-1.5487e+02	-7.1357e+02	-3.5118e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0532e+03	-1.1529e+03	-1.2070e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1289e+03	8.0917e+02	-1.8305e+01

	0.0000e+00	0.0000e+00	0.0000e+00	-6.2626e+02	2.1048e+02	-2.3351e+02
175	0.0000e+00	0.0000e+00	0.0000e+00	-2.0145e+03	-1.2043e+03	1.5258e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1805e+02	-9.8996e+02	2.6954e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-9.0176e+02	2.6055e+02	1.1465e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0741e+03	7.3871e+02	-1.1861e+01
174	0.0000e+00	0.0000e+00	0.0000e+00	-1.7806e+02	-8.3118e+02	1.9052e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3023e+02	-8.6289e+02	-1.2260e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.4560e+02	1.2990e+02	-1.3630e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.7899e+02	1.0148e+02	1.9212e+02
173	0.0000e+00	0.0000e+00	0.0000e+00	-2.1466e+02	-1.0445e+03	-1.9403e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8359e+03	-1.3327e+03	-9.0091e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.5160e+02	7.2311e+02	-2.4217e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-7.7787e+02	2.7153e+02	-8.4762e+01
172	0.0000e+00	0.0000e+00	0.0000e+00	-1.7580e+03	-1.2953e+03	1.1715e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0873e+02	-9.6488e+02	3.4718e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-7.7049e+02	1.1742e+02	6.1164e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.7930e+02	7.4886e+02	-3.6057e+01
171	0.0000e+00	0.0000e+00	0.0000e+00	-4.0136e+01	-6.6562e+02	2.5448e+02
	0.0000e+00	0.0000e+00	0.0000e+00	1.4151e+02	-7.3660e+02	6.7143e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.1358e+01	-3.9392e+01	-1.8215e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.7481e+02	1.0020e+02	1.9229e+02
170	0.0000e+00	0.0000e+00	0.0000e+00	-1.0413e+03	-1.2964e+03	-2.8877e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.3763e+01	-3.3891e+02	-3.1671e+02
	0.0000e+00	0.0000e+00	0.0000e+00	4.5724e+02	-5.9249e+01	5.8688e+02
	0.0000e+00	0.0000e+00	0.0000e+00	8.1176e+01	-3.6409e+02	4.2676e+02
169	0.0000e+00	0.0000e+00	0.0000e+00	-1.8321e+03	-8.4801e+02	-9.5379e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.4647e+02	-5.9779e+02	2.9911e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.3806e+02	3.9048e+02	1.1765e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-7.7550e+02	7.7938e+02	-1.5277e+02
168	0.0000e+00	0.0000e+00	0.0000e+00	-1.5020e+02	-4.6372e+02	1.9324e+02

	0.0000e+00	0.0000e+00	0.0000e+00	2.1918e+02	-1.5979e+02	6.7429e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.0002e+01	-3.5236e+01	9.8757e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.3422e+02	2.2140e+02	2.4247e+02
167	0.0000e+00	0.0000e+00	0.0000e+00	2.3277e+01	-2.0970e+02	-1.0402e+02
	0.0000e+00	0.0000e+00	0.0000e+00	1.2802e+02	-3.0235e+02	1.3916e+02
	0.0000e+00	0.0000e+00	0.0000e+00	2.4439e+02	-2.3531e+02	1.0820e+02
	0.0000e+00	0.0000e+00	0.0000e+00	2.5366e+02	-1.5174e+02	-1.3121e+02
166	0.0000e+00	0.0000e+00	0.0000e+00	3.9459e+01	-1.7145e+02	1.6823e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2375e+01	-2.2503e+01	2.3689e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3107e+02	-1.2218e+02	3.5040e+02
	0.0000e+00	0.0000e+00	0.0000e+00	2.3031e+02	-2.7682e+02	2.8831e+02
165	0.0000e+00	0.0000e+00	0.0000e+00	-1.4036e+02	2.0566e+02	2.1975e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7336e+02	3.5299e+02	-7.6464e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.2286e+02	-1.9951e+02	-5.5609e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.0355e+02	-2.2725e+02	2.8112e+02
164	0.0000e+00	0.0000e+00	0.0000e+00	-2.5126e+02	-9.0048e+02	1.9240e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1036e+03	-1.1964e+03	1.6427e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8239e+03	-1.2713e+03	-2.0670e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.3266e+01	-6.7464e+02	-2.7411e+02
163	0.0000e+00	0.0000e+00	0.0000e+00	-1.6702e+03	-3.7183e+02	-4.3524e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0541e+01	-4.1551e+02	-3.4669e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2323e+03	-1.9304e+03	-2.2088e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2992e+03	-1.7238e+03	-1.2842e+01
162	0.0000e+00	0.0000e+00	0.0000e+00	1.7824e+02	-1.3246e+03	-2.7747e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.4139e+01	-9.1086e+02	-3.8005e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4120e+02	-9.6124e+02	-1.3905e+02
	0.0000e+00	0.0000e+00	0.0000e+00	7.0685e+01	-5.6544e+02	1.6079e+01
161	0.0000e+00	0.0000e+00	0.0000e+00	-6.6365e+01	-1.1006e+03	1.9738e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9804e+03	-1.3781e+03	-4.8456e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8384e+03	-1.5089e+03	-1.5400e+02

	0.0000e+00	0.0000e+00	0.0000e+00	-1.8133e+02	-1.2409e+03	-2.0505e+02
160	0.0000e+00	0.0000e+00	0.0000e+00	-1.4528e+03	-1.9649e+03	-4.0196e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4390e+03	-2.0280e+03	9.6755e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2635e+03	-1.6553e+02	7.6141e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.9739e+02	-1.1794e+02	-2.5419e+02
159	0.0000e+00	0.0000e+00	0.0000e+00	-1.0948e+02	-1.1192e+03	4.0012e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8989e+02	-1.1289e+03	-4.0399e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5393e+02	-8.4505e+02	-2.9943e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8876e+02	-8.7730e+02	4.9617e+01
158	0.0000e+00	0.0000e+00	0.0000e+00	-2.5773e+02	-1.2192e+03	1.8361e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2387e+03	-1.3983e+03	-4.9029e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1282e+03	-1.3924e+03	-1.2676e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6821e+02	-1.0320e+03	-1.4425e+02
157	0.0000e+00	0.0000e+00	0.0000e+00	-1.2641e+03	-2.1061e+03	-1.0139e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3567e+03	-2.2087e+03	1.2891e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0301e+03	-1.2187e+02	7.3132e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.8093e+02	-4.3918e+01	-4.1443e+02
156	0.0000e+00	0.0000e+00	0.0000e+00	3.2478e+02	7.3317e+02	-6.7533e+02
	0.0000e+00	0.0000e+00	0.0000e+00	2.0400e+02	3.4530e+02	-6.5268e+02
	0.0000e+00	0.0000e+00	0.0000e+00	1.6797e+00	-3.5024e+02	-2.3597e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-7.2115e+02	-1.0772e+03	-1.4681e+02
155	0.0000e+00	0.0000e+00	0.0000e+00	1.1866e+03	-4.0987e+02	2.5469e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-9.6971e+02	-5.1992e+02	3.4014e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-8.8930e+02	-1.5408e+03	2.0460e+02
	0.0000e+00	0.0000e+00	0.0000e+00	5.9432e+02	-8.4736e+02	6.1726e+01
154	0.0000e+00	0.0000e+00	0.0000e+00	-5.1478e+02	-5.7147e+02	-3.2468e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7815e+03	-1.1724e+03	-1.6942e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-8.0086e+02	9.3944e+02	-3.7363e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.6104e+02	5.2067e+02	-4.9265e+02
153	0.0000e+00	0.0000e+00	0.0000e+00	-1.8517e+03	-1.1453e+03	1.1125e+02

	0.0000e+00	0.0000e+00	0.0000e+00	-3.5699e+02	-6.0625e+02	2.4301e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-7.3825e+02	5.1251e+02	2.8029e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-8.7048e+02	9.8790e+02	2.0973e+02
152	0.0000e+00	0.0000e+00	0.0000e+00	-4.8173e+02	-5.8189e+02	-2.4908e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0253e+03	-1.0256e+03	-9.0394e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.6583e+02	9.9405e+02	-1.4336e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-8.3180e+02	5.4486e+02	-2.5529e+02
151	0.0000e+00	0.0000e+00	0.0000e+00	-1.9202e+03	-1.1053e+03	3.3647e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7054e+02	-5.6329e+02	5.3672e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.6359e+02	3.0438e+02	5.0185e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-8.5015e+02	8.9071e+02	4.0466e+02
150	0.0000e+00	0.0000e+00	0.0000e+00	-1.0460e+03	6.6642e+02	5.0981e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.6608e+02	5.9660e+02	6.9211e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.8277e+02	7.5125e+02	1.9103e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.8554e+02	7.5906e+02	4.3918e+00
149	0.0000e+00	0.0000e+00	0.0000e+00	-6.1443e+02	3.9517e+02	-1.0442e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-8.8292e+02	6.3290e+02	-4.4933e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.1162e+02	7.1897e+02	2.1939e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.1486e+02	5.2826e+02	1.7470e+02
148	0.0000e+00	0.0000e+00	0.0000e+00	-6.5617e+02	6.1260e+02	4.5273e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.9394e+02	6.3137e+02	1.6302e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.2922e+02	7.4048e+02	2.5800e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.8987e+02	7.4329e+02	5.4494e+01
147	0.0000e+00	0.0000e+00	0.0000e+00	-6.9167e+02	6.3653e+02	-4.6879e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.1807e+02	7.0956e+02	-4.7271e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.8297e+02	8.1809e+02	3.6146e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.3197e+02	7.5839e+02	3.6107e+01
146	0.0000e+00	0.0000e+00	0.0000e+00	-8.5585e+02	6.9805e+02	-2.2776e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.4841e+02	6.0730e+02	6.9302e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.7430e+02	7.2693e+02	-1.1628e+02

	0.0000e+00	0.0000e+00	0.0000e+00	-8.7921e+02	8.0862e+02	-1.3874e+02
145	0.0000e+00	0.0000e+00	0.0000e+00	-3.4701e+02	5.6925e+02	1.0433e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.2382e+02	5.2843e+01	-1.5846e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.0197e+02	9.1757e+02	-1.6362e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-7.0822e+02	6.5926e+02	-1.0906e+02
144	0.0000e+00	0.0000e+00	0.0000e+00	-1.0156e+03	-1.4424e+03	2.9158e+02
	0.0000e+00	0.0000e+00	0.0000e+00	5.3828e+02	-4.5670e+02	5.0346e+02
	0.0000e+00	0.0000e+00	0.0000e+00	1.9836e+02	-1.1075e+03	4.0535e+02
	0.0000e+00	0.0000e+00	0.0000e+00	4.6705e+02	-3.0774e+02	5.7380e+02
143	0.0000e+00	0.0000e+00	0.0000e+00	-5.5281e+02	2.3790e+02	-2.2086e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.1466e+02	2.7637e+02	-1.4827e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2215e+02	2.6460e+02	-3.3834e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.9222e+02	5.9096e+02	-4.7669e+02
142	0.0000e+00	0.0000e+00	0.0000e+00	-3.8277e+02	-1.8424e+02	6.2674e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0106e+02	-3.6659e+02	-2.1100e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.8282e+02	4.3307e+02	-3.6231e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.4048e+02	6.8775e+02	-2.0871e+02
141	0.0000e+00	0.0000e+00	0.0000e+00	-2.3258e+02	-4.2672e+02	1.5404e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.9012e+02	-4.0817e+02	-1.3524e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.3878e+02	4.0156e+02	-1.1881e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.9913e+02	3.7871e+02	1.8328e+02
140	0.0000e+00	0.0000e+00	0.0000e+00	-4.7446e+02	4.2709e+02	-5.2109e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.1447e+01	1.1744e+02	-4.7276e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5155e+02	-5.9164e+02	-4.5473e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6602e+03	-1.0117e+03	-3.9603e+02
139	0.0000e+00	0.0000e+00	0.0000e+00	-4.4710e+02	4.8020e+02	-1.2842e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1039e+02	8.5389e-01	-2.5845e+02
	0.0000e+00	0.0000e+00	0.0000e+00	1.4992e+02	-3.4303e+02	-2.1019e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1641e+03	-8.9298e+02	-9.8587e+01
138	0.0000e+00	0.0000e+00	0.0000e+00	-2.0587e+02	-5.6087e+01	-3.0042e+02

	0.0000e+00	0.0000e+00	0.0000e+00	1.2911e+02	-1.2655e+02	-2.3157e+02
	0.0000e+00	0.0000e+00	0.0000e+00	9.8259e+01	4.6024e+01	-1.5422e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0550e+01	-1.6167e+02	-2.2058e+02
137	0.0000e+00	0.0000e+00	0.0000e+00	2.1857e+01	4.0985e+01	1.7088e+02
	0.0000e+00	0.0000e+00	0.0000e+00	1.0545e+02	-8.0782e+01	1.4556e+02
	0.0000e+00	0.0000e+00	0.0000e+00	2.2949e+02	-2.3202e+02	-5.2066e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2330e+02	7.6443e-01	8.0829e+00
136	0.0000e+00	0.0000e+00	0.0000e+00	2.7751e+02	-2.5211e+02	1.0871e+02
	0.0000e+00	0.0000e+00	0.0000e+00	2.6571e+02	-4.4623e+02	3.9934e+02
	0.0000e+00	0.0000e+00	0.0000e+00	6.7497e+02	-3.6920e+02	2.4718e+02
	0.0000e+00	0.0000e+00	0.0000e+00	4.4463e+02	-1.3745e+02	-9.3801e+00
135	0.0000e+00	0.0000e+00	0.0000e+00	-5.1076e+00	-5.0936e+01	4.8807e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6331e+02	1.7687e+02	4.1545e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.7935e+02	-8.4721e+01	6.9543e+02
	0.0000e+00	0.0000e+00	0.0000e+00	2.6081e+02	-2.7479e+02	6.5090e+02
134	0.0000e+00	0.0000e+00	0.0000e+00	-2.2077e+02	2.9797e+02	4.1489e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8130e+02	3.6726e+02	4.0356e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.4452e+02	-2.0165e+02	5.7671e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.1502e+02	-2.2335e+02	4.5405e+02
133	0.0000e+00	0.0000e+00	0.0000e+00	-2.1422e+02	-1.0199e+03	4.0096e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0500e+03	-1.2975e+03	-4.2461e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8749e+03	-1.4799e+03	-2.6746e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0543e+01	-9.9136e+02	-4.3381e+02
132	0.0000e+00	0.0000e+00	0.0000e+00	-8.6404e+01	1.7230e+01	-4.4658e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.2110e+02	2.0574e+02	-2.3812e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.7042e+02	-2.0733e+02	4.6478e+01
131	0.0000e+00	0.0000e+00	0.0000e+00	8.1514e+01	-1.0440e+03	-2.5358e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.1759e+02	-1.1371e+03	-6.9327e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0548e+02	-1.2036e+03	-1.3804e+02
	0.0000e+00	0.0000e+00	0.0000e+00	2.3027e+02	-1.0837e+03	-1.3969e+02

130	0.0000e+00	0.0000e+00	0.0000e+00	-7.5781e+01	-1.3854e+03	1.7724e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9281e+03	-1.6258e+03	3.7082e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8425e+03	-1.6898e+03	-7.7618e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.9886e+01	-1.3735e+03	-1.6973e+02
129	0.0000e+00	0.0000e+00	0.0000e+00	-1.6535e+03	-1.9656e+03	-7.8689e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6776e+03	-2.0473e+03	9.1090e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4170e+03	-5.3111e+01	5.0953e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2155e+03	-8.3583e+00	-2.8348e+02
128	0.0000e+00	0.0000e+00	0.0000e+00	-7.1996e+01	-1.2702e+03	8.6925e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4038e+02	-1.2473e+03	3.6252e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7158e+02	-1.0786e+03	5.5551e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2288e+02	-1.0997e+03	1.0459e+02
127	0.0000e+00	0.0000e+00	0.0000e+00	-1.9189e+02	-1.3310e+03	2.5362e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2949e+03	-1.5108e+03	1.1254e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2256e+03	-1.5428e+03	1.4302e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.8924e+01	-1.1953e+03	-3.5997e+01
126	0.0000e+00	0.0000e+00	0.0000e+00	-1.4837e+03	-2.3159e+03	-3.0805e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4663e+03	-2.3181e+03	6.1291e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.2194e+02	-5.0916e+01	8.1224e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.1615e+02	-5.0032e+01	-3.4243e+02
125	0.0000e+00	0.0000e+00	0.0000e+00	-3.1166e+01	-6.5779e+02	-1.6652e+02
	0.0000e+00	0.0000e+00	0.0000e+00	8.4312e+02	-2.0694e+02	-2.2701e+02
	0.0000e+00	0.0000e+00	0.0000e+00	7.2238e+02	-3.2888e+02	1.3569e+02
	0.0000e+00	0.0000e+00	0.0000e+00	2.3018e+02	-6.7845e+02	1.6843e+02
124	0.0000e+00	0.0000e+00	0.0000e+00	-4.1181e+01	4.6402e+02	3.6238e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-7.9919e+02	7.5132e+02	2.1675e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.6212e+02	1.7902e+02	5.0799e+02
123	0.0000e+00	0.0000e+00	0.0000e+00	1.0119e+02	-4.6103e+01	-2.6315e+02
	0.0000e+00	0.0000e+00	0.0000e+00	2.0601e+02	-9.8486e+01	-1.1547e+02
	0.0000e+00	0.0000e+00	0.0000e+00	3.1589e+02	-1.2110e+02	-8.6175e+01

	0.0000e+00	0.0000e+00	0.0000e+00	3.1984e+02	-1.0645e+02	-2.7402e+02
122	0.0000e+00	0.0000e+00	0.0000e+00	6.9578e+01	5.7761e+01	-8.6466e+01
	0.0000e+00	0.0000e+00	0.0000e+00	8.0706e+00	1.6598e+02	-1.5699e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7234e+02	-7.1454e+01	-5.7181e+01
	0.0000e+00	0.0000e+00	0.0000e+00	9.9903e+01	-1.9038e+02	5.6228e+00
121	0.0000e+00	0.0000e+00	0.0000e+00	3.4957e+01	1.7170e+02	-1.5664e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1333e+02	1.0665e+02	-2.3074e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.8058e+01	-2.5134e+02	-3.3545e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6025e+02	-8.4318e+01	-2.6054e+02
120	0.0000e+00	0.0000e+00	0.0000e+00	-3.2520e+02	-6.9498e+00	2.9183e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-7.2051e+02	4.7969e+02	1.9785e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3268e+03	-9.3413e+02	1.5510e+02
	0.0000e+00	0.0000e+00	0.0000e+00	7.6046e+01	-3.7046e+02	2.4884e+02
119	0.0000e+00	0.0000e+00	0.0000e+00	-1.0055e+03	-1.3172e+03	-8.3525e+01
	0.0000e+00	0.0000e+00	0.0000e+00	4.7902e+02	-3.3174e+02	-1.3027e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4007e+02	-7.4860e+02	1.7104e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2694e+02	-1.6002e+02	1.1951e+02
118	0.0000e+00	0.0000e+00	0.0000e+00	-1.6490e+02	-2.3920e+02	-4.2958e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.9245e+02	-4.6314e+02	9.8661e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5796e+02	-6.2657e+01	5.7648e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6995e+02	-2.0292e+02	-8.3752e+01
117	0.0000e+00	0.0000e+00	0.0000e+00	-5.1173e+02	-3.8061e+02	3.7751e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.6980e+02	2.6525e+02	-1.0601e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0816e+03	-8.5653e+02	-3.1486e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1646e+02	-2.1701e+02	4.4849e+01
116	0.0000e+00	0.0000e+00	0.0000e+00	-8.8634e+02	-1.2263e+03	7.4474e+01
	0.0000e+00	0.0000e+00	0.0000e+00	3.2874e+02	-5.8247e+02	7.8682e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.1967e+02	-3.7933e+02	1.5632e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.4925e+02	9.4060e+01	1.5919e+02
115	0.0000e+00	0.0000e+00	0.0000e+00	-3.7683e+02	-3.3039e+02	-1.6442e+02

	0.0000e+00	0.0000e+00	0.0000e+00	-2.7858e+02	-2.8596e+02	5.2309e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.6087e+01	-1.8285e+02	6.2895e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1431e+02	-1.5937e+02	-1.5576e+02
114	0.0000e+00	0.0000e+00	0.0000e+00	-2.6709e+02	-1.5361e+02	1.7844e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.6697e+02	4.4771e+02	-4.4465e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1700e+03	-8.8849e+02	-1.9850e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2398e+02	-3.6600e+02	6.9677e+01
113	0.0000e+00	0.0000e+00	0.0000e+00	9.3578e-01	-1.7767e+02	1.0532e+02
	0.0000e+00	0.0000e+00	0.0000e+00	5.6065e+02	-5.2751e+02	1.9288e+02
	0.0000e+00	0.0000e+00	0.0000e+00	6.9167e+02	-4.6123e+02	5.1998e+01
	0.0000e+00	0.0000e+00	0.0000e+00	4.2190e+02	-1.4530e+02	-2.1525e+02
112	0.0000e+00	0.0000e+00	0.0000e+00	2.1966e+02	-1.1823e+03	-2.1748e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3804e+03	-1.6887e+03	-3.2082e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0645e+03	-6.1470e+02	-4.1672e+02
	0.0000e+00	0.0000e+00	0.0000e+00	2.8574e+02	-3.9675e+02	-6.7836e+02
111	0.0000e+00	0.0000e+00	0.0000e+00	-3.3145e+02	-7.1941e+02	-2.1389e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7646e+03	-1.3459e+03	-1.4312e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-7.3103e+02	7.3487e+02	-3.1811e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.9378e+02	3.7035e+02	-4.5573e+02
110	0.0000e+00	0.0000e+00	0.0000e+00	-1.7816e+03	-1.3141e+03	1.0313e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6398e+02	-8.4039e+02	2.9711e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-7.7916e+02	2.5922e+02	1.7730e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-8.3508e+02	8.8041e+02	7.1707e+01
109	0.0000e+00	0.0000e+00	0.0000e+00	-2.9048e+02	-8.3392e+02	-8.8561e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0693e+03	-1.2926e+03	1.3978e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1259e+03	5.9645e+02	-1.0261e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.6459e+02	1.1917e+02	-7.0054e+01
108	0.0000e+00	0.0000e+00	0.0000e+00	-2.0817e+03	-1.3370e+03	3.7313e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2818e+02	-7.2157e+02	5.6970e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.8109e+02	4.3434e+01	5.9805e+02

	0.0000e+00	0.0000e+00	0.0000e+00	-1.0764e+03	6.1984e+02	4.0584e+02
107	0.0000e+00	0.0000e+00	0.0000e+00	3.7000e+01	-3.0227e+02	7.3352e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3215e+03	-8.8006e+02	5.4973e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.2299e+02	5.9359e+02	8.1634e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.0547e+02	1.1253e+02	2.0270e+01
106	0.0000e+00	0.0000e+00	0.0000e+00	-1.3825e+03	-8.5210e+02	6.6776e+01
	0.0000e+00	0.0000e+00	0.0000e+00	6.8053e+01	-3.9696e+02	5.5371e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.7479e+02	9.4213e+01	1.1256e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.5804e+02	6.6163e+02	-1.3978e+01
105	0.0000e+00	0.0000e+00	0.0000e+00	3.7439e+01	-3.0691e+01	-7.7498e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0671e+03	-7.3504e+02	-1.3762e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.1780e+02	7.4898e+02	-4.1204e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.1213e+02	4.8657e+02	-2.1865e+02
104	0.0000e+00	0.0000e+00	0.0000e+00	-1.2174e+03	-6.8640e+02	-5.8767e+01
	0.0000e+00	0.0000e+00	0.0000e+00	5.8943e+01	-2.3481e+02	-1.5289e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.3633e+02	3.4959e+02	-1.3766e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.8732e+02	1.0023e+03	-1.5176e+02
103	0.0000e+00	0.0000e+00	0.0000e+00	1.6268e+02	-2.5826e+02	-7.4590e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1954e+03	-8.3840e+02	-6.3784e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.6916e+02	7.4266e+02	-9.0854e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.0445e+02	1.7429e+02	-5.9380e+01
102	0.0000e+00	0.0000e+00	0.0000e+00	-1.1830e+03	-8.3586e+02	-1.5999e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0981e+02	-2.8463e+02	-4.3191e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.6716e+02	2.5662e+02	3.0691e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.6482e+02	7.2819e+02	1.7241e+01
101	0.0000e+00	0.0000e+00	0.0000e+00	-4.5403e+02	3.5169e+02	-1.8890e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.0375e+02	5.0486e+02	-3.0250e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.6754e+02	7.2561e+02	1.6554e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.7366e+02	4.9534e+02	1.6798e+02
100	0.0000e+00	0.0000e+00	0.0000e+00	6.2988e+02	-3.9995e+02	-6.0336e+02

	0.0000e+00	0.0000e+00	0.0000e+00	-6.0483e+02	-4.1800e+02	-4.3148e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3362e+00	5.3079e+00	-2.8550e+02
	0.0000e+00	0.0000e+00	0.0000e+00	1.9887e+02	-3.0729e+02	-5.3272e+02
99	0.0000e+00	0.0000e+00	0.0000e+00	-1.9228e+02	-4.2955e+02	-1.7816e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9311e+02	-4.1924e+02	-2.8580e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2715e+02	5.4457e+02	6.8485e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.9951e+02	7.9602e+01	1.1844e+02
98	0.0000e+00	0.0000e+00	0.0000e+00	-9.0552e+02	4.7765e+02	3.7024e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.0671e+02	2.8817e+02	5.5093e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.8455e+02	5.6689e+02	3.5062e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-7.3643e+02	7.6095e+02	2.0917e+02
97	0.0000e+00	0.0000e+00	0.0000e+00	-1.5650e+02	-6.4257e+02	2.5784e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0695e+02	-6.8973e+02	-2.1360e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.6141e+02	-3.4413e+01	-9.9890e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.6715e+02	1.0552e+02	1.8025e+02
96	0.0000e+00	0.0000e+00	0.0000e+00	7.6105e+02	-2.6981e+02	1.1362e+02
	0.0000e+00	0.0000e+00	0.0000e+00	6.3866e+02	-2.0888e+02	5.8233e+01
	0.0000e+00	0.0000e+00	0.0000e+00	5.0167e+02	-1.7203e+02	1.4215e+02
	0.0000e+00	0.0000e+00	0.0000e+00	6.7536e+02	-3.9160e+02	2.3200e+02
95	0.0000e+00	0.0000e+00	0.0000e+00	-3.6270e+01	-1.2626e+02	2.9889e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.8079e+01	-2.0204e+02	-8.0233e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3126e+02	1.0903e+02	-2.1324e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2494e+02	2.9534e+02	-8.4973e+01
94	0.0000e+00	0.0000e+00	0.0000e+00	-6.5769e+02	6.6941e+02	-1.4220e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-7.0788e+02	5.3807e+02	-9.4909e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.3034e+02	8.2648e+02	-1.9605e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.3494e+02	8.6325e+02	-2.3464e+02
93	0.0000e+00	0.0000e+00	0.0000e+00	-6.6918e+02	3.9399e+02	-5.9701e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0028e+03	5.1353e+02	3.7734e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.7915e+02	7.8957e+02	1.0379e+02

	0.0000e+00	0.0000e+00	0.0000e+00	-6.4942e+02	7.7114e+02	-9.7608e+00
92	0.0000e+00	0.0000e+00	0.0000e+00	-7.5335e+02	5.3744e+02	8.5550e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.6680e+02	4.7324e+02	1.0238e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.3130e+02	7.5151e+02	6.1528e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.6279e+02	7.7228e+02	4.3050e+01
91	0.0000e+00	0.0000e+00	0.0000e+00	-5.2513e+02	8.4717e+02	-2.0083e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.8288e+02	5.9711e+02	-1.9992e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.6457e+02	7.3463e+02	-2.9487e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-8.0909e+02	6.6727e+02	-3.0802e+02
90	0.0000e+00	0.0000e+00	0.0000e+00	2.4525e+02	-1.2207e+02	-4.4918e+02
	0.0000e+00	0.0000e+00	0.0000e+00	2.8395e+02	1.1453e+02	-6.0140e+02
	0.0000e+00	0.0000e+00	0.0000e+00	1.9877e+02	-6.9601e+01	-5.5148e+02
	0.0000e+00	0.0000e+00	0.0000e+00	8.4868e+01	-6.7834e+01	-3.8038e+02
89	0.0000e+00	0.0000e+00	0.0000e+00	-4.4817e+02	5.3237e+02	-6.3050e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.9165e+02	4.4975e+02	-7.7763e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.6793e+02	6.9046e+02	-1.7190e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.8194e+02	7.8010e+02	-1.4072e+02
88	0.0000e+00	0.0000e+00	0.0000e+00	-8.0713e+02	-4.6440e+02	-3.5740e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.0854e+02	-3.7790e+02	-4.0467e+02
	0.0000e+00	0.0000e+00	0.0000e+00	7.6328e+01	-1.8655e+02	9.7935e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.6365e+02	-9.0470e+02	2.2037e+00
87	0.0000e+00	0.0000e+00	0.0000e+00	-9.8417e+01	4.3142e+02	-3.2192e+02
	0.0000e+00	0.0000e+00	0.0000e+00	8.6176e+01	-1.3474e+02	-2.3724e+02
	0.0000e+00	0.0000e+00	0.0000e+00	4.1467e+02	-1.2844e+02	-4.4065e+02
	0.0000e+00	0.0000e+00	0.0000e+00	1.3990e+02	7.9045e+01	-6.9748e+02
86	0.0000e+00	0.0000e+00	0.0000e+00	-6.4548e+02	7.0597e+02	1.0987e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-6.0518e+02	6.9757e+02	2.2974e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-5.1227e+02	5.8791e+02	3.3003e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.6798e+02	4.9478e+02	1.5149e+02
85	0.0000e+00	0.0000e+00	0.0000e+00	-4.3795e+02	8.1528e+02	1.6033e+02

	0.0000e+00	0.0000e+00	0.0000e+00	-4.6676e+02	7.3351e+02	1.6282e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.0745e+02	5.1722e+02	4.3546e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.5542e+02	6.0322e+02	9.9934e+01
84	0.0000e+00	0.0000e+00	0.0000e+00	-1.1994e+03	-4.6307e+02	2.7724e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3136e+03	-8.0424e+02	-1.0082e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.6427e+03	-2.0153e+03	-2.0568e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2353e+03	-1.7426e+03	-4.2986e+01
83	0.0000e+00	0.0000e+00	0.0000e+00	1.1636e+01	1.4027e+01	6.5914e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.2688e+00	1.4426e+01	-8.0108e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.4231e+00	8.6694e+01	1.2667e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.2847e+00	8.2303e+01	8.9847e+00
82	0.0000e+00	0.0000e+00	0.0000e+00	3.2269e+00	1.4070e+01	4.9241e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.6335e+00	1.4627e+01	-4.3375e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8213e+00	8.8371e+01	-1.3667e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.5599e+00	8.8130e+01	5.4565e+00
81	0.0000e+00	0.0000e+00	0.0000e+00	4.8295e+00	1.4992e+01	5.6716e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.3151e+00	1.4526e+01	1.7110e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.3045e+00	9.1730e+01	2.1155e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.0223e+00	9.0208e+01	6.3837e+00
80	0.0000e+00	0.0000e+00	0.0000e+00	9.5337e+00	1.6017e+01	8.1047e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.1779e+01	1.4906e+01	3.9367e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.5879e+00	9.7160e+01	4.7972e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.3629e+00	9.4004e+01	9.3933e+00
79	0.0000e+00	0.0000e+00	0.0000e+00	1.3135e+01	1.7421e+01	1.0345e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3760e+01	1.5762e+01	4.6096e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.5335e+00	1.0355e+02	5.5125e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.9771e+00	9.9838e+01	1.1793e+01
78	0.0000e+00	0.0000e+00	0.0000e+00	1.4407e+01	1.8928e+01	1.0721e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3702e+01	1.6972e+01	2.8589e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.4519e+00	1.1017e+02	3.6581e+00

	0.0000e+00	0.0000e+00	0.0000e+00	8.2408e+00	1.0664e+02	1.2041e+01
77	0.0000e+00	0.0000e+00	0.0000e+00	1.4300e+01	2.0056e+01	8.8501e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.2893e+01	1.8466e+01	-6.3996e-01
	0.0000e+00	0.0000e+00	0.0000e+00	2.4846e+00	1.1715e+02	5.4632e-01
	0.0000e+00	0.0000e+00	0.0000e+00	6.5123e+00	1.1378e+02	9.9838e+00
76	0.0000e+00	0.0000e+00	0.0000e+00	1.3092e+01	2.0447e+01	5.7654e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.1782e+01	2.0856e+01	-4.6537e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.8547e-01	1.2451e+02	-1.6594e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.6728e+00	1.2058e+02	7.1597e+00
75	0.0000e+00	0.0000e+00	0.0000e+00	1.1557e+01	2.1069e+01	2.9316e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.2698e+01	2.1451e+01	-7.8870e+00
	0.0000e+00	0.0000e+00	0.0000e+00	3.5776e+00	1.2215e+02	-7.7220e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.6869e+00	1.2542e+02	-1.3606e-01
74	0.0000e+00	0.0000e+00	0.0000e+00	1.2284e+01	1.8704e+01	-1.1438e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.3929e+01	2.0949e+01	-1.0590e+01
	0.0000e+00	0.0000e+00	0.0000e+00	7.5674e+00	1.1578e+02	-1.0754e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3939e+00	1.1830e+02	-2.0637e+00
73	0.0000e+00	0.0000e+00	0.0000e+00	1.3178e+01	1.6862e+01	-4.6149e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.4064e+01	1.9789e+01	-1.2371e+01
	0.0000e+00	0.0000e+00	0.0000e+00	9.5746e+00	1.0803e+02	-1.2788e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.7645e+00	1.1036e+02	-4.5890e+00
72	0.0000e+00	0.0000e+00	0.0000e+00	1.3123e+01	1.5370e+01	-6.4227e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.2593e+01	1.8085e+01	-1.1954e+01
	0.0000e+00	0.0000e+00	0.0000e+00	9.7741e+00	1.0024e+02	-1.2719e+01
	0.0000e+00	0.0000e+00	0.0000e+00	4.8363e+00	1.0298e+02	-6.3854e+00
71	0.0000e+00	0.0000e+00	0.0000e+00	1.0773e+01	1.4435e+01	-5.7405e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.3898e+00	1.6411e+01	-9.6878e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.2198e+00	9.3809e+01	-1.0315e+01
	0.0000e+00	0.0000e+00	0.0000e+00	4.6771e+00	9.5874e+01	-5.6204e+00
70	0.0000e+00	0.0000e+00	0.0000e+00	5.7200e+00	1.4066e+01	-3.3976e+00

	0.0000e+00	0.0000e+00	0.0000e+00	3.0187e+00	1.5154e+01	-7.1976e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3120e-02	8.9528e+01	-7.4524e+00
	0.0000e+00	0.0000e+00	0.0000e+00	8.8287e-01	9.0221e+01	-3.0440e+00
69	0.0000e+00	0.0000e+00	0.0000e+00	6.9424e-01	1.4157e+01	-1.1051e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.3909e+00	1.3911e+01	-6.1563e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.6700e+00	8.6679e+01	-6.7192e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-4.2349e+00	8.6840e+01	-1.1116e+00
68	0.0000e+00	0.0000e+00	0.0000e+00	5.6645e-01	1.3962e+01	-3.8346e-01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1277e+01	1.3689e+01	-7.3245e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.2043e+00	7.9761e+01	-1.0128e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.7653e+00	8.4850e+01	-2.6322e+00
67	0.0000e+00	0.0000e+00	0.0000e+00	1.2217e+02	7.5766e+00	1.4584e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.5951e+02	-5.8880e+00	2.0108e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.6505e+02	-9.2151e+00	5.5097e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.2711e+02	3.7651e+00	1.1973e+00
66	0.0000e+00	0.0000e+00	0.0000e+00	3.1187e+02	5.9615e-01	2.1169e+01
	0.0000e+00	0.0000e+00	0.0000e+00	4.2671e+02	-1.2515e+01	2.8518e+01
	0.0000e+00	0.0000e+00	0.0000e+00	4.3324e+02	-9.2084e+00	1.6435e+01
	0.0000e+00	0.0000e+00	0.0000e+00	3.1961e+02	-2.8135e-01	1.0277e+01
65	0.0000e+00	0.0000e+00	0.0000e+00	4.4457e+02	-1.3716e+01	2.2403e+01
	0.0000e+00	0.0000e+00	0.0000e+00	4.0663e+02	8.9407e+00	4.0112e+01
	0.0000e+00	0.0000e+00	0.0000e+00	4.2699e+02	-1.6297e+01	4.5407e+01
	0.0000e+00	0.0000e+00	0.0000e+00	4.6110e+02	-3.5134e+00	2.7113e+01
64	0.0000e+00	0.0000e+00	0.0000e+00	4.0381e+02	-3.4498e+01	5.2245e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7847e+02	-9.9460e+01	1.4527e+02
	0.0000e+00	0.0000e+00	0.0000e+00	9.5147e+01	1.1760e+02	1.7669e+02
	0.0000e+00	0.0000e+00	0.0000e+00	3.2817e+02	-6.2391e+00	7.8242e+01
63	0.0000e+00	0.0000e+00	0.0000e+00	-1.2856e+00	1.3743e+02	-1.0423e+02
	0.0000e+00	0.0000e+00	0.0000e+00	1.3587e+02	1.5559e+02	-1.4688e+02
	0.0000e+00	0.0000e+00	0.0000e+00	4.5712e+01	4.2433e+02	-1.0452e+02

	0.0000e+00	0.0000e+00	0.0000e+00	1.4846e+01	3.5921e+02	-6.7242e+01
62	0.0000e+00	0.0000e+00	0.0000e+00	1.1147e+02	1.8541e+02	-1.6978e+02
	0.0000e+00	0.0000e+00	0.0000e+00	1.3343e+02	2.6301e+02	-2.5662e+02
	0.0000e+00	0.0000e+00	0.0000e+00	3.9510e+01	5.3705e+02	-1.6915e+02
	0.0000e+00	0.0000e+00	0.0000e+00	4.1031e+01	4.3413e+02	-8.8075e+01
61	0.0000e+00	0.0000e+00	0.0000e+00	1.8742e+01	2.8363e+02	-3.0259e+02
	0.0000e+00	0.0000e+00	0.0000e+00	3.0290e+01	5.8840e+02	-3.1634e+02
	0.0000e+00	0.0000e+00	0.0000e+00	1.7338e+01	6.2391e+02	-1.5588e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3269e+00	5.9182e+02	-1.3396e+02
60	0.0000e+00	0.0000e+00	0.0000e+00	-1.2067e+02	5.9106e+02	-2.0094e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0760e+02	6.5884e+02	-1.1824e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.7058e+01	7.1567e+02	-7.0765e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1684e+01	6.9854e+02	-1.5100e+02
59	0.0000e+00	0.0000e+00	0.0000e+00	-1.3294e+02	6.4998e+02	7.0916e-01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.9036e+01	4.7763e+02	3.6934e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.2057e+01	7.2301e+02	-3.0068e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.9389e+01	7.1294e+02	-7.9974e+01
58	0.0000e+00	0.0000e+00	0.0000e+00	2.1719e+01	4.7008e+02	-2.3943e-01
	0.0000e+00	0.0000e+00	0.0000e+00	4.0713e+01	4.1331e+02	-5.7509e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.9312e+01	7.0417e+02	-6.7104e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.2982e+00	6.6321e+02	-1.6182e+01
57	0.0000e+00	0.0000e+00	0.0000e+00	5.6923e+01	4.0066e+02	-1.3595e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-3.5554e+01	5.9894e+02	-1.6185e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-9.8993e+00	7.1583e+02	-6.7901e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.2938e+01	6.9252e+02	-3.3168e+01
56	0.0000e+00	0.0000e+00	0.0000e+00	-7.6203e+01	5.9917e+02	-6.2580e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4303e+02	6.7075e+02	6.2827e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-3.9246e+01	7.6414e+02	4.1257e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.0504e+01	7.6060e+02	-2.1869e+01
55	0.0000e+00	0.0000e+00	0.0000e+00	-8.5634e+01	6.6907e+02	1.2907e+02

	0.0000e+00	0.0000e+00	0.0000e+00	-2.6954e+01	4.6826e+02	1.4459e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.8726e+01	7.3861e+02	5.5700e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.0445e+01	7.3653e+02	3.4445e+01
54	0.0000e+00	0.0000e+00	0.0000e+00	4.1537e+01	4.6676e+02	1.1085e+02
	0.0000e+00	0.0000e+00	0.0000e+00	5.0469e+01	4.0524e+02	4.3864e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.8804e+01	6.9251e+02	1.6195e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4225e+01	6.9012e+02	8.0963e+01
53	0.0000e+00	0.0000e+00	0.0000e+00	3.4462e+01	4.0490e+02	-3.3062e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.4092e+01	5.9862e+02	-4.7788e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.1587e+01	6.9619e+02	3.7682e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.8657e+01	7.0947e+02	5.4506e+01
52	0.0000e+00	0.0000e+00	0.0000e+00	-9.0496e+01	5.9612e+02	2.5759e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.3332e+02	6.5908e+02	1.0932e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3403e+01	6.9736e+02	1.2311e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.5820e+01	7.3454e+02	4.4544e+01
51	0.0000e+00	0.0000e+00	0.0000e+00	-9.7654e+01	6.3614e+02	2.5108e+02
	0.0000e+00	0.0000e+00	0.0000e+00	1.9190e+00	3.7303e+02	2.8872e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.0143e+01	6.1771e+02	1.5193e+02
	0.0000e+00	0.0000e+00	0.0000e+00	2.9741e+00	6.6906e+02	1.0666e+02
50	0.0000e+00	0.0000e+00	0.0000e+00	7.9787e+01	3.4693e+02	2.6425e+02
	0.0000e+00	0.0000e+00	0.0000e+00	1.3799e+02	2.0489e+02	1.9634e+02
	0.0000e+00	0.0000e+00	0.0000e+00	3.9341e+01	4.6245e+02	9.7253e+01
	0.0000e+00	0.0000e+00	0.0000e+00	5.5840e+01	5.3454e+02	1.6490e+02
49	0.0000e+00	0.0000e+00	0.0000e+00	1.2987e+02	1.5600e+02	1.4486e+02
	0.0000e+00	0.0000e+00	0.0000e+00	3.5791e+01	1.5432e+02	1.0049e+02
	0.0000e+00	0.0000e+00	0.0000e+00	2.6059e+01	3.6520e+02	6.4630e+01
	0.0000e+00	0.0000e+00	0.0000e+00	5.4301e+01	4.3730e+02	1.1146e+02
48	0.0000e+00	0.0000e+00	0.0000e+00	1.2316e+02	1.0418e+02	1.6342e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0711e+02	-1.6943e+02	1.3622e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-4.2332e+01	4.0305e+02	4.1750e+01

	0.0000e+00	0.0000e+00	0.0000e+00	5.2328e+00	3.3361e+02	6.9884e+01
47	0.0000e+00	0.0000e+00	0.0000e+00	4.1635e+02	1.9888e+00	-2.7671e+01
	0.0000e+00	0.0000e+00	0.0000e+00	4.5287e+02	-1.4711e+01	-1.2673e+01
	0.0000e+00	0.0000e+00	0.0000e+00	4.6807e+02	-2.6188e+00	-1.7786e+01
	0.0000e+00	0.0000e+00	0.0000e+00	4.3244e+02	-1.0327e+01	-3.2555e+01
46	0.0000e+00	0.0000e+00	0.0000e+00	4.3427e+02	-1.4013e+01	-2.1046e+01
	0.0000e+00	0.0000e+00	0.0000e+00	3.1769e+02	-2.8966e-02	-1.5968e+01
	0.0000e+00	0.0000e+00	0.0000e+00	3.2477e+02	4.1748e-01	-3.7492e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.4029e+02	-8.4666e+00	-8.8426e+00
45	0.0000e+00	0.0000e+00	0.0000e+00	2.6481e+02	-6.4077e+00	-1.6188e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2523e+02	7.6340e+00	-1.2506e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2998e+02	4.6233e+00	1.8432e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.6961e+02	-8.3292e+00	-1.6262e+00
44	0.0000e+00	0.0000e+00	0.0000e+00	1.3743e+01	1.4090e+02	1.5228e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8635e+01	1.4487e+02	6.0214e+00
	0.0000e+00	0.0000e+00	0.0000e+00	7.4448e+00	3.1504e+02	1.4441e+01
	0.0000e+00	0.0000e+00	0.0000e+00	6.6957e+00	3.0052e+02	2.4468e+01
43	0.0000e+00	0.0000e+00	0.0000e+00	1.6159e+01	1.5056e+02	1.9112e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.8230e+01	1.5424e+02	6.9594e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.0958e+00	3.3346e+02	1.4352e+01
	0.0000e+00	0.0000e+00	0.0000e+00	6.2704e+00	3.2103e+02	2.7490e+01
42	0.0000e+00	0.0000e+00	0.0000e+00	1.5054e+01	1.6052e+02	2.1090e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6044e+01	1.6443e+02	5.9428e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-8.3815e-01	3.5090e+02	1.2981e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7144e+00	3.3934e+02	2.9478e+01
41	0.0000e+00	0.0000e+00	0.0000e+00	1.3026e+01	1.7017e+02	2.1504e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5321e+01	1.7547e+02	4.3664e+00
	0.0000e+00	0.0000e+00	0.0000e+00	-2.7798e+00	3.7247e+02	1.3931e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.1066e+00	3.5700e+02	3.2299e+01
40	0.0000e+00	0.0000e+00	0.0000e+00	1.2477e+01	1.7829e+02	2.4486e+01

	0.0000e+00	0.0000e+00	0.0000e+00	1.5755e+01	1.8982e+02	5.8653e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.4635e+00	4.1030e+02	2.8278e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.2632e+00	3.7669e+02	4.4637e+01
39	0.0000e+00	0.0000e+00	0.0000e+00	1.3549e+01	1.9769e+02	5.5192e-01
	0.0000e+00	0.0000e+00	0.0000e+00	8.5522e+00	1.8155e+02	-2.4899e+01
	0.0000e+00	0.0000e+00	0.0000e+00	3.6731e+00	3.8603e+02	-3.7152e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9257e+01	4.1156e+02	-2.3552e+01
38	0.0000e+00	0.0000e+00	0.0000e+00	1.5769e+01	1.7321e+02	-8.2034e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.2207e+01	1.7538e+02	-2.5852e+01
	0.0000e+00	0.0000e+00	0.0000e+00	9.1390e-01	3.6247e+02	-3.1467e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.5579e+00	3.7302e+02	-1.2699e+01
37	0.0000e+00	0.0000e+00	0.0000e+00	1.6059e+01	1.6358e+02	-1.1076e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4107e+01	1.6484e+02	-2.5056e+01
	0.0000e+00	0.0000e+00	0.0000e+00	4.5678e+00	3.4184e+02	-3.0048e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8151e+00	3.4911e+02	-1.3971e+01
36	0.0000e+00	0.0000e+00	0.0000e+00	1.7944e+01	1.5291e+02	-1.1963e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5010e+01	1.5289e+02	-2.2428e+01
	0.0000e+00	0.0000e+00	0.0000e+00	8.7951e+00	3.2062e+02	-2.8387e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.4194e+00	3.2936e+02	-1.5899e+01
35	0.0000e+00	0.0000e+00	0.0000e+00	1.7715e+01	1.4271e+02	-1.0019e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2200e+01	1.4186e+02	-1.7724e+01
	0.0000e+00	0.0000e+00	0.0000e+00	7.8745e+00	2.9956e+02	-2.4068e+01
	0.0000e+00	0.0000e+00	0.0000e+00	5.4384e+00	3.0914e+02	-1.4560e+01
34	0.0000e+00	0.0000e+00	0.0000e+00	1.2955e+01	1.3475e+02	-5.9010e+00
	0.0000e+00	0.0000e+00	0.0000e+00	6.2821e+00	1.3357e+02	-1.2966e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1356e+00	2.8188e+02	-1.8276e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.9463e+00	2.8971e+02	-9.7370e+00
33	0.0000e+00	0.0000e+00	0.0000e+00	5.8589e+00	1.2997e+02	-1.8760e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.3859e+00	1.2771e+02	-1.1170e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.8993e+00	2.7017e+02	-1.5049e+01

	0.0000e+00	0.0000e+00	0.0000e+00	-3.9247e+00	2.7426e+02	-4.3969e+00
32	0.0000e+00	0.0000e+00	0.0000e+00	3.2009e+02	1.4641e+00	2.3566e+01
	0.0000e+00	0.0000e+00	0.0000e+00	4.4141e+02	-2.4012e+00	3.7640e+01
	0.0000e+00	0.0000e+00	0.0000e+00	4.5552e+02	8.8333e+00	3.3849e+01
	0.0000e+00	0.0000e+00	0.0000e+00	3.2861e+02	1.0672e+01	2.0834e+01
31	0.0000e+00	0.0000e+00	0.0000e+00	4.5652e+02	2.0540e+00	3.4111e+01
	0.0000e+00	0.0000e+00	0.0000e+00	4.4704e+02	3.0502e+01	5.9993e+01
	0.0000e+00	0.0000e+00	0.0000e+00	4.7704e+02	4.1983e+01	8.3600e+01
	0.0000e+00	0.0000e+00	0.0000e+00	4.8060e+02	2.3844e+01	5.6971e+01
30	0.0000e+00	0.0000e+00	0.0000e+00	4.4593e+01	4.9964e+02	-9.4214e+01
	0.0000e+00	0.0000e+00	0.0000e+00	3.1651e+01	5.6766e+02	-1.1119e+02
	0.0000e+00	0.0000e+00	0.0000e+00	2.8838e+01	5.3091e+02	-6.2609e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3486e+01	4.9691e+02	-4.4667e+01
29	0.0000e+00	0.0000e+00	0.0000e+00	3.3078e+01	5.8960e+02	-1.1870e+02
	0.0000e+00	0.0000e+00	0.0000e+00	4.8580e+00	6.6564e+02	-1.1693e+02
	0.0000e+00	0.0000e+00	0.0000e+00	2.3150e+01	5.8565e+02	-6.5274e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4351e+01	5.5287e+02	-6.4344e+01
28	0.0000e+00	0.0000e+00	0.0000e+00	-6.0200e-01	6.8325e+02	-1.0416e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-1.4619e+01	7.2102e+02	-8.6266e+01
	0.0000e+00	0.0000e+00	0.0000e+00	6.5669e+00	6.3041e+02	-5.7009e+01
	0.0000e+00	0.0000e+00	0.0000e+00	9.6095e+00	6.0847e+02	-7.3073e+01
27	0.0000e+00	0.0000e+00	0.0000e+00	-3.3745e+01	7.2850e+02	-7.2510e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0699e+01	7.1904e+02	-5.4042e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.0417e+00	6.5841e+02	-5.0591e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.2688e+00	6.4626e+02	-7.0380e+01
26	0.0000e+00	0.0000e+00	0.0000e+00	-2.3498e+01	7.2215e+02	-7.5468e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-6.4030e+00	7.2115e+02	-6.6737e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-9.3767e+00	6.7937e+02	-5.8387e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.7403e+00	6.6344e+02	-6.8460e+01
25	0.0000e+00	0.0000e+00	0.0000e+00	-8.1190e+00	7.1749e+02	-1.1963e+02

	0.0000e+00	0.0000e+00	0.0000e+00	7.5380e-02	7.4362e+02	-1.1630e+02
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8100e+00	7.0947e+02	-8.8130e+01
	0.0000e+00	0.0000e+00	0.0000e+00	5.5817e+00	6.7921e+02	-9.5919e+01
24	0.0000e+00	0.0000e+00	0.0000e+00	-2.9331e+01	7.5173e+02	6.0247e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.9564e+01	7.7266e+02	7.9725e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3477e+01	6.8933e+02	7.0699e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3931e+01	7.3709e+02	4.7451e+01
23	0.0000e+00	0.0000e+00	0.0000e+00	-3.0731e+01	7.7119e+02	5.5988e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.5633e+01	7.3603e+02	7.4120e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.7609e+00	6.8112e+02	5.3229e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.7147e+00	6.9084e+02	3.4395e+01
22	0.0000e+00	0.0000e+00	0.0000e+00	-1.7935e+01	7.3400e+02	5.0880e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2777e+01	7.1985e+02	6.0984e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-4.8017e+00	6.6151e+02	4.7574e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-7.2271e+00	6.7509e+02	3.7949e+01
21	0.0000e+00	0.0000e+00	0.0000e+00	-1.1637e+01	7.1740e+02	4.1711e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.2167e+01	7.2823e+02	5.8741e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.9323e+00	6.4167e+02	5.4744e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.2739e+00	6.6018e+02	3.8773e+01
20	0.0000e+00	0.0000e+00	0.0000e+00	-1.5378e+01	7.2400e+02	6.6113e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.2152e+01	7.0178e+02	8.9838e+01
	0.0000e+00	0.0000e+00	0.0000e+00	9.5006e+00	6.1073e+02	6.6178e+01
	0.0000e+00	0.0000e+00	0.0000e+00	7.1195e+00	6.3829e+02	4.3389e+01
19	0.0000e+00	0.0000e+00	0.0000e+00	-2.7356e+00	6.8854e+02	1.0572e+02
	0.0000e+00	0.0000e+00	0.0000e+00	1.2353e+01	6.0985e+02	1.1870e+02
	0.0000e+00	0.0000e+00	0.0000e+00	1.2361e+01	5.6453e+02	6.7713e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.2438e+01	5.9707e+02	5.3714e+01
18	0.0000e+00	0.0000e+00	0.0000e+00	3.4047e+01	5.9393e+02	1.1195e+02
	0.0000e+00	0.0000e+00	0.0000e+00	4.4415e+01	5.1419e+02	9.7042e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6410e+01	5.0603e+02	4.5455e+01

	0.0000e+00	0.0000e+00	0.0000e+00	3.4912e+01	5.3797e+02	5.9658e+01
17	0.0000e+00	0.0000e+00	0.0000e+00	4.0795e+01	4.9377e+02	7.2307e+01
	0.0000e+00	0.0000e+00	0.0000e+00	3.4636e+01	4.5653e+02	4.8221e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.2463e+00	4.6414e+02	1.9038e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.8341e+01	4.8953e+02	4.3008e+01
16	0.0000e+00	0.0000e+00	0.0000e+00	4.4890e+02	-2.2745e+00	-2.2512e+01
	0.0000e+00	0.0000e+00	0.0000e+00	3.2414e+02	1.9382e+00	-1.1270e+01
	0.0000e+00	0.0000e+00	0.0000e+00	3.3359e+02	1.2978e+01	-7.9712e+00
	0.0000e+00	0.0000e+00	0.0000e+00	4.6533e+02	1.0923e+01	-1.9230e+01
15	0.0000e+00	0.0000e+00	0.0000e+00	2.7334e+02	-5.9281e+00	-1.2702e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2916e+02	4.0245e+00	-8.7826e+00
	0.0000e+00	0.0000e+00	0.0000e+00	1.3256e+02	7.5354e+00	1.1769e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.7875e+02	-1.2530e+00	-2.5786e+00
14	0.0000e+00	0.0000e+00	0.0000e+00	8.3401e+00	1.3344e+02	1.0534e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4654e+01	1.3713e+02	2.8006e+00
	0.0000e+00	0.0000e+00	0.0000e+00	5.8913e+00	2.9522e+02	9.8924e+00
	0.0000e+00	0.0000e+00	0.0000e+00	2.0818e+00	2.8327e+02	1.8146e+01
13	0.0000e+00	0.0000e+00	0.0000e+00	1.7013e+01	3.8769e+02	3.5868e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7995e+01	4.0297e+02	2.0669e+01
	0.0000e+00	0.0000e+00	0.0000e+00	8.3260e-01	5.8614e+02	3.8871e+01
	0.0000e+00	0.0000e+00	0.0000e+00	4.2522e+00	5.6144e+02	5.5362e+01
12	0.0000e+00	0.0000e+00	0.0000e+00	1.2415e+00	4.4936e+02	5.7395e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.6991e+01	5.0314e+02	4.7764e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.0403e+00	6.1483e+02	6.1018e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.3905e+00	6.2870e+02	7.9855e+01
11	0.0000e+00	0.0000e+00	0.0000e+00	1.9725e+01	4.8881e+02	-8.4997e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1421e+01	4.6457e+02	-7.9464e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3375e+00	6.3082e+02	-9.9107e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5517e+01	6.2986e+02	-8.6741e+01
10	0.0000e+00	0.0000e+00	0.0000e+00	9.9599e+00	4.5017e+02	-4.3587e+01

	0.0000e+00	0.0000e+00	0.0000e+00	8.1176e+00	4.3861e+02	-5.4631e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-8.2548e+00	6.1475e+02	-6.6249e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-2.8930e+00	6.1661e+02	-4.7895e+01
9	0.0000e+00	0.0000e+00	0.0000e+00	1.0288e+01	4.2322e+02	-3.2388e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2095e+01	4.1618e+02	-4.7241e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-3.3846e+00	5.9120e+02	-5.8040e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.4831e+00	6.0027e+02	-3.9811e+01
8	0.0000e+00	0.0000e+00	0.0000e+00	1.6702e+01	3.9889e+02	-3.0736e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6428e+01	3.9006e+02	-4.1768e+01
	0.0000e+00	0.0000e+00	0.0000e+00	8.2201e+00	5.5651e+02	-5.7842e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.7803e+00	5.7665e+02	-4.4217e+01
7	0.0000e+00	0.0000e+00	0.0000e+00	2.1730e+01	3.7324e+02	-2.8194e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.5533e+01	3.6213e+02	-3.3380e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.4466e+01	5.1195e+02	-5.4005e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0542e+01	5.4064e+02	-4.6555e+01
6	0.0000e+00	0.0000e+00	0.0000e+00	1.9517e+01	3.4848e+02	-2.2079e+01
	0.0000e+00	0.0000e+00	0.0000e+00	8.9495e+00	3.3723e+02	-2.3158e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0867e+01	4.6957e+02	-4.2395e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.3374e+01	4.9637e+02	-3.9614e+01
5	0.0000e+00	0.0000e+00	0.0000e+00	-8.1731e+00	6.2422e+02	3.5021e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-1.0639e+01	6.1138e+02	5.7531e+01
	0.0000e+00	0.0000e+00	0.0000e+00	8.0855e+00	4.2971e+02	4.1918e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1260e+01	4.4447e+02	2.4042e+01
4	0.0000e+00	0.0000e+00	0.0000e+00	-6.7775e+00	6.0682e+02	3.3098e+01
	0.0000e+00	0.0000e+00	0.0000e+00	-5.4020e+00	5.9138e+02	5.3471e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2784e+01	4.0994e+02	3.8347e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1594e+01	4.2385e+02	2.0171e+01
3	0.0000e+00	0.0000e+00	0.0000e+00	8.6976e+00	5.5351e+02	4.5497e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.1576e+01	5.1769e+02	5.5764e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.6104e+01	3.6247e+02	3.1057e+01

	0.0000e+00	0.0000e+00	0.0000e+00	2.3352e+01	3.7953e+02	2.0812e+01
2	0.0000e+00	0.0000e+00	0.0000e+00	1.5311e+01	5.0862e+02	4.0352e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.2917e+01	4.7472e+02	4.3221e+01
	0.0000e+00	0.0000e+00	0.0000e+00	1.0833e+01	3.3859e+02	2.0709e+01
	0.0000e+00	0.0000e+00	0.0000e+00	2.2899e+01	3.5327e+02	1.7536e+01
1	0.0000e+00	0.0000e+00	0.0000e+00	6.0817e+02	4.1568e+00	-1.5176e+02
	0.0000e+00	0.0000e+00	0.0000e+00	4.7768e+02	-3.3043e+01	-1.4720e+02
	0.0000e+00	0.0000e+00	0.0000e+00	6.0214e+02	4.0821e+01	-1.8447e+02

2.11 Armature

Elemento	Direzione (°)	Vertice	Superiore (x 100)		Inferiore (x 100)	
			x (cm)	y (cm)	x (cm)	y (cm)
340	-94.64	tutti	10.05	10.05	10.05	10.05
339	180.00	tutti	10.05	10.05	10.05	10.05
338	180.00	tutti	10.05	10.05	10.05	10.05
337	180.00	tutti	10.05	10.05	10.05	10.05
336	-180.00	tutti	10.05	10.05	10.05	10.05
335	-180.00	tutti	10.05	10.05	10.05	10.05
334	180.00	tutti	10.05	10.05	10.05	10.05
333	-180.00	tutti	10.05	10.05	10.05	10.05
332	-180.00	tutti	10.05	10.05	10.05	10.05
331	180.00	tutti	10.05	10.05	10.05	10.05
330	180.00	tutti	10.05	10.05	10.05	10.05
329	180.00	tutti	10.05	10.05	10.05	10.05
328	180.00	tutti	10.05	10.05	10.05	10.05
327	180.00	tutti	10.05	10.05	10.05	10.05
326	180.00	tutti	10.05	10.05	10.05	10.05
325	-180.00	tutti	10.05	10.05	10.05	10.05
324	0.00	tutti	10.05	10.05	10.05	10.05
323	102.13	tutti	10.05	10.05	10.05	10.05
322	0.00	tutti	10.05	10.05	10.05	10.05
321	-0.00	tutti	10.05	10.05	10.05	10.05
320	0.00	tutti	10.05	10.05	10.05	10.05
319	0.00	tutti	10.05	10.05	10.05	10.05
318	0.00	tutti	10.05	10.05	10.05	10.05
317	0.00	tutti	10.05	10.05	10.05	10.05
316	0.00	tutti	10.05	10.05	10.05	10.05
315	0.00	tutti	10.05	10.05	10.05	10.05
314	-0.00	tutti	10.05	10.05	10.05	10.05
313	102.13	tutti	10.05	10.05	10.05	10.05
312	0.00	tutti	10.05	10.05	10.05	10.05
311	-0.00	tutti	10.05	10.05	10.05	10.05
310	0.00	tutti	10.05	10.05	10.05	10.05
309	0.00	tutti	10.05	10.05	10.05	10.05
308	0.00	tutti	10.05	10.05	10.05	10.05
307	0.00	tutti	10.05	10.05	10.05	10.05
306	0.00	tutti	10.05	10.05	10.05	10.05
305	0.00	tutti	10.05	10.05	10.05	10.05
304	-0.00	tutti	10.05	10.05	10.05	10.05
303	-94.64	tutti	10.05	10.05	10.05	10.05
302	180.00	tutti	10.05	10.05	10.05	10.05
301	180.00	tutti	10.05	10.05	10.05	10.05
300	180.00	tutti	10.05	10.05	10.05	10.05
299	-180.00	tutti	10.05	10.05	10.05	10.05
298	-180.00	tutti	10.05	10.05	10.05	10.05
297	180.00	tutti	10.05	10.05	10.05	10.05
296	-180.00	tutti	10.05	10.05	10.05	10.05
295	-180.00	tutti	10.05	10.05	10.05	10.05
294	180.00	tutti	10.05	10.05	10.05	10.05

293	180.00	tutti	10.05	10.05	10.05	10.05
292	180.00	tutti	10.05	10.05	10.05	10.05
291	180.00	tutti	10.05	10.05	10.05	10.05
290	180.00	tutti	10.05	10.05	10.05	10.05
289	180.00	tutti	10.05	10.05	10.05	10.05
288	-180.00	tutti	10.05	10.05	10.05	10.05
287	0.00	tutti	10.05	10.05	10.05	10.05
262	-90.06	tutti	10.05	10.05	10.05	10.05
261	-90.18	tutti	10.05	10.05	10.05	10.05
260	-89.98	tutti	10.05	10.05	10.05	10.05
259	-89.78	tutti	10.05	10.05	10.05	10.05
258	179.54	tutti	10.05	10.05	10.05	10.05
257	179.82	tutti	10.05	10.05	10.05	10.05
256	179.88	tutti	10.05	10.05	10.05	10.05
255	179.91	tutti	10.05	10.05	10.05	10.05
254	-179.90	tutti	10.05	10.05	10.05	10.05
253	-179.88	tutti	10.05	10.05	10.05	10.05
252	-179.81	tutti	10.05	10.05	10.05	10.05
251	-179.55	tutti	10.05	10.05	10.05	10.05
250	-179.46	tutti	10.05	10.05	10.05	10.05
249	89.97	tutti	10.05	10.05	10.05	10.05
248	90.23	tutti	10.05	10.05	10.05	10.05
247	90.08	tutti	10.05	10.05	10.05	10.05
246	3.97	tutti	10.05	10.05	10.05	10.05
245	90.08	tutti	10.05	10.05	10.05	10.05
244	0.02	tutti	10.05	10.05	10.05	10.05
243	2.68	tutti	10.05	10.05	10.05	10.05
242	89.94	tutti	10.05	10.05	10.05	10.05
241	-0.04	tutti	10.05	10.05	10.05	10.05
240	2.71	tutti	10.05	10.05	10.05	10.05
239	89.93	tutti	10.05	10.05	10.05	10.05
238	-2.72	tutti	10.05	10.05	10.05	10.05
237	5.08	tutti	10.05	10.05	10.05	10.05
236	3.13	tutti	10.05	10.05	10.05	10.05
235	-3.12	tutti	10.05	10.05	10.05	10.05
234	2.76	tutti	10.05	10.05	10.05	10.05
233	-5.06	tutti	10.05	10.05	10.05	10.05
232	179.85	tutti	10.05	10.05	10.05	10.05
231	178.40	tutti	10.05	10.05	10.05	10.05
230	179.71	tutti	10.05	10.05	10.05	10.05
229	179.47	tutti	10.05	10.05	10.05	10.05
228	-179.45	tutti	10.05	10.05	10.05	10.05
227	-179.74	tutti	10.05	10.05	10.05	10.05
226	-179.81	tutti	10.05	10.05	10.05	10.05
225	-178.41	tutti	10.05	10.05	10.05	10.05
224	0.16	tutti	10.05	10.05	10.05	10.05
223	-0.20	tutti	10.05	10.05	10.05	10.05
222	-90.25	tutti	10.05	10.05	10.05	10.05
221	-90.11	tutti	10.05	10.05	10.05	10.05
220	-89.91	tutti	10.05	10.05	10.05	10.05
219	-89.75	tutti	10.05	10.05	10.05	10.05
218	178.69	tutti	10.05	10.05	10.05	10.05
217	179.20	tutti	10.05	10.05	10.05	10.05
216	178.88	tutti	10.05	10.05	10.05	10.05
215	174.90	tutti	10.05	10.05	10.05	10.05
214	168.56	tutti	10.05	10.05	10.05	10.05
213	-168.69	tutti	10.05	10.05	10.05	10.05
212	-172.73	tutti	10.05	10.05	10.05	10.05
211	-177.13	tutti	10.05	10.05	10.05	10.05
210	-178.13	tutti	10.05	10.05	10.05	10.05
209	91.55	tutti	10.05	10.05	10.05	10.05
208	87.61	tutti	10.05	10.05	10.05	10.05
207	89.15	tutti	10.05	10.05	10.05	10.05
206	9.96	tutti	10.05	10.05	10.05	10.05
205	92.59	tutti	10.05	10.05	10.05	10.05
204	0.21	tutti	10.05	10.05	10.05	10.05
203	5.29	tutti	10.05	10.05	10.05	10.05
202	89.86	tutti	10.05	10.05	10.05	10.05
201	-0.20	tutti	10.05	10.05	10.05	10.05

200	7.09	tutti	10.05	10.05	10.05	10.05
199	89.68	tutti	10.05	10.05	10.05	10.05
198	-2.00	tutti	10.05	10.05	10.05	10.05
197	122.54	tutti	10.05	10.05	10.05	10.05
196	2.43	tutti	10.05	10.05	10.05	10.05
195	-10.30	tutti	10.05	10.05	10.05	10.05
194	6.90	tutti	10.05	10.05	10.05	10.05
193	-12.30	tutti	10.05	10.05	10.05	10.05
192	178.93	tutti	10.05	10.05	10.05	10.05
191	175.86	tutti	10.05	10.05	10.05	10.05
190	177.53	tutti	10.05	10.05	10.05	10.05
189	171.62	tutti	10.05	10.05	10.05	10.05
188	164.93	tutti	10.05	10.05	10.05	10.05
187	-163.16	tutti	10.05	10.05	10.05	10.05
186	-159.77	tutti	10.05	10.05	10.05	10.05
185	-178.47	tutti	10.05	10.05	10.05	10.05
184	-0.13	tutti	10.05	10.05	10.05	10.05
183	-1.53	tutti	10.05	10.05	10.05	10.05
182	-154.08	tutti	10.05	10.05	10.05	10.05
181	-170.61	tutti	10.05	10.05	10.05	10.05
180	-90.25	tutti	10.05	10.05	10.05	10.05
179	-90.12	tutti	10.05	10.05	10.05	10.05
178	-89.91	tutti	10.05	10.05	10.05	10.05
177	-89.75	tutti	10.05	10.05	10.05	10.05
176	178.78	tutti	10.05	10.05	10.05	10.05
175	179.47	tutti	10.05	10.05	10.05	10.05
174	179.39	tutti	10.05	10.05	10.05	10.05
173	-179.81	tutti	10.05	10.05	10.05	10.05
172	-178.73	tutti	10.05	10.05	10.05	10.05
171	-178.10	tutti	10.05	10.05	10.05	10.05
170	-54.91	tutti	10.05	10.05	10.05	10.05
169	-170.41	tutti	10.05	10.05	10.05	10.05
168	-173.67	tutti	10.05	10.05	10.05	10.05
167	93.02	tutti	10.05	10.05	10.05	10.05
166	85.96	tutti	10.05	10.05	10.05	10.05
165	87.78	tutti	10.05	10.05	10.05	10.05
164	9.02	tutti	10.05	10.05	10.05	10.05
163	-101.50	tutti	10.05	10.05	10.05	10.05
162	5.05	tutti	10.05	10.05	10.05	10.05
161	10.58	tutti	10.05	10.05	10.05	10.05
160	89.86	tutti	10.05	10.05	10.05	10.05
159	-0.10	tutti	10.05	10.05	10.05	10.05
158	7.21	tutti	10.05	10.05	10.05	10.05
157	89.68	tutti	10.05	10.05	10.05	10.05
156	35.97	tutti	10.05	10.05	10.05	10.05
155	-80.18	tutti	10.05	10.05	10.05	10.05
154	13.29	tutti	10.05	10.05	10.05	10.05
153	-7.14	tutti	10.05	10.05	10.05	10.05
152	7.59	tutti	10.05	10.05	10.05	10.05
151	-12.18	tutti	10.05	10.05	10.05	10.05
150	179.78	tutti	10.05	10.05	10.05	10.05
149	176.09	tutti	10.05	10.05	10.05	10.05
148	179.24	tutti	10.05	10.05	10.05	10.05
147	-179.73	tutti	10.05	10.05	10.05	10.05
146	-176.57	tutti	10.05	10.05	10.05	10.05
145	-176.88	tutti	10.05	10.05	10.05	10.05
144	-69.77	tutti	10.05	10.05	10.05	10.05
143	-163.75	tutti	10.05	10.05	10.05	10.05
142	6.34	tutti	10.05	10.05	10.05	10.05
141	-0.24	tutti	10.05	10.05	10.05	10.05
140	-165.27	tutti	10.05	10.05	10.05	10.05
139	178.62	tutti	10.05	10.05	10.05	10.05
138	179.73	tutti	10.05	10.05	10.05	10.05
137	88.45	tutti	10.05	10.05	10.05	10.05
136	83.13	tutti	10.05	10.05	10.05	10.05
135	97.01	tutti	10.05	10.05	10.05	10.05
134	93.05	tutti	10.05	10.05	10.05	10.05
133	9.45	tutti	10.05	10.05	10.05	10.05
132	36.28	tutti	10.05	10.05	10.05	10.05

131	-0.34	tutti	10.05	10.05	10.05	10.05
130	7.50	tutti	10.05	10.05	10.05	10.05
129	89.97	tutti	10.05	10.05	10.05	10.05
128	0.48	tutti	10.05	10.05	10.05	10.05
127	5.03	tutti	10.05	10.05	10.05	10.05
126	88.90	tutti	10.05	10.05	10.05	10.05
125	-12.45	tutti	10.05	10.05	10.05	10.05
124	-148.13	tutti	10.05	10.05	10.05	10.05
123	-89.98	tutti	10.05	10.05	10.05	10.05
122	-90.21	tutti	10.05	10.05	10.05	10.05
121	-90.08	tutti	10.05	10.05	10.05	10.05
120	-179.92	tutti	10.05	10.05	10.05	10.05
119	-92.66	tutti	10.05	10.05	10.05	10.05
118	165.23	tutti	10.05	10.05	10.05	10.05
117	-172.01	tutti	10.05	10.05	10.05	10.05
116	-89.24	tutti	10.05	10.05	10.05	10.05
115	-178.60	tutti	10.05	10.05	10.05	10.05
114	178.40	tutti	10.05	10.05	10.05	10.05
113	98.44	tutti	10.05	10.05	10.05	10.05
112	33.63	tutti	10.05	10.05	10.05	10.05
111	12.69	tutti	10.05	10.05	10.05	10.05
110	-2.16	tutti	10.05	10.05	10.05	10.05
109	7.66	tutti	10.05	10.05	10.05	10.05
108	-2.28	tutti	10.05	10.05	10.05	10.05
107	-178.13	tutti	10.05	10.05	10.05	10.05
106	-173.67	tutti	10.05	10.05	10.05	10.05
105	-166.79	tutti	10.05	10.05	10.05	10.05
104	-173.97	tutti	10.05	10.05	10.05	10.05
103	175.42	tutti	10.05	10.05	10.05	10.05
102	173.53	tutti	10.05	10.05	10.05	10.05
101	-175.56	tutti	10.05	10.05	10.05	10.05
100	46.50	tutti	10.05	10.05	10.05	10.05
99	-18.83	tutti	10.05	10.05	10.05	10.05
98	1.98	tutti	10.05	10.05	10.05	10.05
97	3.55	tutti	10.05	10.05	10.05	10.05
96	-86.84	tutti	10.05	10.05	10.05	10.05
95	-173.10	tutti	10.05	10.05	10.05	10.05
94	9.37	tutti	10.05	10.05	10.05	10.05
93	5.95	tutti	10.05	10.05	10.05	10.05
92	-174.89	tutti	10.05	10.05	10.05	10.05
91	-169.10	tutti	10.05	10.05	10.05	10.05
90	-135.41	tutti	10.05	10.05	10.05	10.05
89	10.38	tutti	10.05	10.05	10.05	10.05
88	-58.33	tutti	10.05	10.05	10.05	10.05
87	-89.57	tutti	10.05	10.05	10.05	10.05
86	-19.42	tutti	10.05	10.05	10.05	10.05
85	-13.46	tutti	10.05	10.05	10.05	10.05
84	-107.63	tutti	10.05	10.05	10.05	10.05
83	-90.19	tutti	10.05	10.05	10.05	10.05
82	-90.15	tutti	10.05	10.05	10.05	10.05
81	-90.15	tutti	10.05	10.05	10.05	10.05
80	-90.13	tutti	10.05	10.05	10.05	10.05
79	-90.13	tutti	10.05	10.05	10.05	10.05
78	-90.30	tutti	10.05	10.05	10.05	10.05
77	-90.62	tutti	10.05	10.05	10.05	10.05
76	-90.92	tutti	10.05	10.05	10.05	10.05
75	-89.30	tutti	10.05	10.05	10.05	10.05
74	-89.38	tutti	10.05	10.05	10.05	10.05
73	-89.63	tutti	10.05	10.05	10.05	10.05
72	-89.78	tutti	10.05	10.05	10.05	10.05
71	-89.84	tutti	10.05	10.05	10.05	10.05
70	-89.84	tutti	10.05	10.05	10.05	10.05
69	-89.84	tutti	10.05	10.05	10.05	10.05
68	-89.82	tutti	10.05	10.05	10.05	10.05
67	-179.54	tutti	10.05	10.05	10.05	10.05
66	-179.45	tutti	10.05	10.05	10.05	10.05
65	-179.40	tutti	10.05	10.05	10.05	10.05
64	-179.37	tutti	10.05	10.05	10.05	10.05
63	90.17	tutti	10.05	10.05	10.05	10.05

62	90.12	tutti	10.05	10.05	10.05	10.05
61	90.11	tutti	10.05	10.05	10.05	10.05
60	90.18	tutti	10.05	10.05	10.05	10.05
59	90.42	tutti	10.05	10.05	10.05	10.05
58	90.90	tutti	10.05	10.05	10.05	10.05
57	91.38	tutti	10.05	10.05	10.05	10.05
56	89.02	tutti	10.05	10.05	10.05	10.05
55	89.11	tutti	10.05	10.05	10.05	10.05
54	89.47	tutti	10.05	10.05	10.05	10.05
53	89.72	tutti	10.05	10.05	10.05	10.05
52	89.83	tutti	10.05	10.05	10.05	10.05
51	89.86	tutti	10.05	10.05	10.05	10.05
50	89.86	tutti	10.05	10.05	10.05	10.05
49	89.86	tutti	10.05	10.05	10.05	10.05
48	89.84	tutti	10.05	10.05	10.05	10.05
47	0.17	tutti	10.05	10.05	10.05	10.05
46	-0.01	tutti	10.05	10.05	10.05	10.05
45	-0.08	tutti	10.05	10.05	10.05	10.05
44	-90.39	tutti	10.05	10.05	10.05	10.05
43	-90.36	tutti	10.05	10.05	10.05	10.05
42	-90.86	tutti	10.05	10.05	10.05	10.05
41	-92.01	tutti	10.05	10.05	10.05	10.05
40	-94.57	tutti	10.05	10.05	10.05	10.05
39	-86.39	tutti	10.05	10.05	10.05	10.05
38	-87.85	tutti	10.05	10.05	10.05	10.05
37	-88.88	tutti	10.05	10.05	10.05	10.05
36	-89.41	tutti	10.05	10.05	10.05	10.05
35	-89.58	tutti	10.05	10.05	10.05	10.05
34	-89.60	tutti	10.05	10.05	10.05	10.05
33	-89.63	tutti	10.05	10.05	10.05	10.05
32	-178.36	tutti	10.05	10.05	10.05	10.05
31	-178.26	tutti	10.05	10.05	10.05	10.05
30	90.31	tutti	10.05	10.05	10.05	10.05
29	90.32	tutti	10.05	10.05	10.05	10.05
28	90.56	tutti	10.05	10.05	10.05	10.05
27	91.26	tutti	10.05	10.05	10.05	10.05
26	92.87	tutti	10.05	10.05	10.05	10.05
25	96.37	tutti	10.05	10.05	10.05	10.05
24	84.39	tutti	10.05	10.05	10.05	10.05
23	87.10	tutti	10.05	10.05	10.05	10.05
22	88.42	tutti	10.05	10.05	10.05	10.05
21	89.19	tutti	10.05	10.05	10.05	10.05
20	89.54	tutti	10.05	10.05	10.05	10.05
19	89.63	tutti	10.05	10.05	10.05	10.05
18	89.66	tutti	10.05	10.05	10.05	10.05
17	89.68	tutti	10.05	10.05	10.05	10.05
16	-0.00	tutti	10.05	10.05	10.05	10.05
15	-0.22	tutti	10.05	10.05	10.05	10.05
14	-90.42	tutti	10.05	10.05	10.05	10.05
13	-90.52	tutti	10.05	10.05	10.05	10.05
12	-95.74	tutti	10.05	10.05	10.05	10.05
11	-82.50	tutti	10.05	10.05	10.05	10.05
10	-86.51	tutti	10.05	10.05	10.05	10.05
9	-88.42	tutti	10.05	10.05	10.05	10.05
8	-89.25	tutti	10.05	10.05	10.05	10.05
7	-89.53	tutti	10.05	10.05	10.05	10.05
6	-89.57	tutti	10.05	10.05	10.05	10.05
5	87.56	tutti	10.05	10.05	10.05	10.05
4	88.90	tutti	10.05	10.05	10.05	10.05
3	89.51	tutti	10.05	10.05	10.05	10.05
2	89.53	tutti	10.05	10.05	10.05	10.05
1	-14.61	tutti	10.05	10.05	10.05	10.05

2.12 Verifica flesso-membranale

Elemento	Vertice	Combinazione	DirM(°)	DirN(°)	n1 (kg)	n2 (kg)	m1 (kgxcm)	m2 (kgxcm)	Coeff. sicurezza
340	3	22	-173.48	-37.58	-0.20	2.76	-55.32	154.59	> 10.00
339	2	22	0.00	-49.26	-0.61	5.25	-333.55	147.25	5.54
338	1	22	0.00	-49.26	-0.61	5.25	-333.55	147.25	5.54
337	3	22	-58.02	-49.88	-0.82	2.10	-312.60	521.42	7.69
336	4	22	-58.02	-49.88	-0.82	2.10	-312.60	521.42	7.69

335	4	20	-60.89	-71.21	-0.18	0.59	32.79	260.75	> 10.00
334	1	22	-168.20	-50.21	-0.59	0.84	-134.84	-30.49	> 10.00
333	3	20	-123.50	-107.08	-0.40	0.90	38.98	269.75	> 10.00
332	4	20	-123.50	-107.08	-0.40	0.90	38.98	269.75	> 10.00
331	2	20	-6.34	-111.48	-0.52	1.77	-226.03	-52.42	> 10.00
330	1	20	-6.34	-111.48	-0.52	1.77	-226.03	-52.42	> 10.00
329	3	22	-127.29	-119.20	-0.48	0.82	-111.41	601.59	> 10.00
328	2	22	-170.95	-132.26	-0.40	3.62	-438.21	315.07	6.91
327	2	22	-2.91	-126.74	-0.57	5.15	-366.71	160.13	5.55
326	1	22	-2.91	-126.74	-0.57	5.15	-366.71	160.13	5.55
325	1	22	-8.92	-141.09	-0.30	2.69	-57.05	154.75	> 10.00
324	3	22	-168.20	-50.21	-0.59	0.84	-134.84	-30.49	> 10.00
323	3	20	-132.20	-38.06	-1.52	1.85	-301.09	172.57	> 10.00
322	1	20	-132.20	-38.06	-1.52	1.85	-301.09	172.57	> 10.00
321	4	20	-83.46	-37.63	-8.28	1.33	-195.57	39.33	> 10.00
320	2	22	-123.86	-26.92	-0.39	0.86	-261.47	20.00	> 10.00
319	1	22	-123.86	-26.92	-0.39	0.86	-261.47	20.00	> 10.00
318	2	22	-139.26	-36.64	-2.80	2.08	-152.29	103.24	> 10.00
317	1	22	-139.26	-36.64	-2.80	2.08	-152.29	103.24	> 10.00
316	1	22	-48.08	-142.27	-2.96	3.67	-339.01	170.08	7.33
315	1	20	-143.34	-76.48	-3.34	1.85	17.36	64.67	> 10.00
314	2	22	-48.08	-142.27	-2.96	3.67	-339.01	170.08	7.33
313	3	20	-131.93	-127.84	-1.51	1.87	-163.29	290.69	> 10.00
312	1	20	-131.93	-127.84	-1.51	1.87	-163.29	290.69	> 10.00
311	4	20	-83.44	-126.59	-8.20	1.33	-32.14	185.52	> 10.00
310	2	20	-126.63	-119.21	-0.49	0.89	-47.55	285.28	> 10.00
309	1	20	-126.63	-119.21	-0.49	0.89	-47.55	285.28	> 10.00
308	2	22	-139.08	-123.86	-2.80	2.10	-73.99	82.37	> 10.00
307	3	20	-78.72	-48.68	-9.76	1.31	-13.78	328.09	> 10.00
306	1	20	-48.12	-51.26	-2.92	3.63	-199.17	357.44	6.30
305	1	20	-143.60	-177.05	-3.29	1.79	-83.08	-24.11	> 10.00
304	2	20	-48.12	-51.26	-2.92	3.63	-199.17	357.44	6.30
303	3	22	-170.96	-125.60	-0.16	2.16	-273.53	59.99	> 10.00
302	2	22	0.00	-137.65	-0.47	4.04	-164.52	268.44	6.75
301	1	22	0.00	-137.65	-0.47	4.04	-164.52	268.44	6.75
300	1	22	-15.11	-137.02	-0.31	2.37	-248.29	354.49	> 10.00
299	4	22	-54.24	-141.32	-0.79	1.52	-397.56	200.02	> 10.00
298	2	22	-166.85	-139.33	-0.51	0.53	17.10	116.19	> 10.00
297	1	22	-166.85	-139.33	-0.51	0.53	17.10	116.19	> 10.00
296	3	22	-124.28	-13.85	-0.45	0.96	-202.82	-31.55	> 10.00
295	4	22	-124.28	-13.85	-0.45	0.96	-202.82	-31.55	> 10.00
294	4	22	-133.40	-44.55	-0.79	0.88	-149.73	171.02	> 10.00
293	3	20	-45.65	-173.53	-0.63	0.66	-199.84	-14.00	> 10.00
292	3	22	-124.21	-28.39	-0.37	0.81	-435.53	75.95	> 10.00
291	2	22	-166.74	-42.80	-0.41	2.14	-235.83	316.02	> 10.00
290	2	22	-3.79	-39.38	-0.51	3.90	-163.35	283.72	7.52
289	1	22	-3.79	-39.38	-0.51	3.90	-163.35	283.72	7.52
288	1	22	-11.41	-53.66	-0.25	2.09	-252.24	69.53	> 10.00
287	3	22	-166.85	-139.33	-0.51	0.53	17.10	116.19	> 10.00
262	4	22	0.00	-116.36	0.00	0.00	-574.57	63.07	> 10.00
261	3	22	0.00	-94.89	0.00	0.00	-593.03	601.15	> 10.00
260	3	22	0.00	-114.62	0.00	0.00	-937.95	731.62	> 10.00
259	4	22	0.00	-114.62	0.00	0.00	-937.95	731.62	> 10.00
258	2	22	0.00	-99.96	0.00	0.00	-2824.98	-1611.63	4.09
257	1	22	0.00	-99.96	0.00	0.00	-2824.98	-1611.63	4.09
256	2	22	0.00	-173.30	0.00	0.00	-1429.60	-26.69	7.74
255	2	22	0.00	-85.20	0.00	0.00	-2294.61	-1838.10	4.78
254	1	22	0.00	-85.20	0.00	0.00	-2294.61	-1838.10	4.78
253	1	22	0.00	-7.21	0.00	0.00	-1369.99	336.41	7.54
252	2	20	0.00	-71.88	0.00	0.00	-2255.10	-1537.15	5.37
251	1	20	0.00	-71.88	0.00	0.00	-2255.10	-1537.15	5.37
250	1	21	0.00	-24.90	0.00	0.00	-1082.59	215.72	8.71
249	4	22	0.00	-60.79	0.00	0.00	-647.22	905.60	> 10.00
248	4	22	0.00	-83.55	0.00	0.00	-191.81	731.50	> 10.00
247	2	20	0.00	-22.26	0.00	0.00	-311.90	201.98	> 10.00
246	3	20	0.00	-87.50	0.00	0.00	-1337.31	-949.27	8.17
245	1	20	0.00	-87.50	0.00	0.00	-1337.31	-949.27	8.17
244	2	20	0.00	-41.35	0.00	0.00	-683.59	-214.50	> 10.00
243	3	20	0.00	-79.16	0.00	0.00	-1591.87	-929.26	7.29

242	1	20	0.00	-79.16	0.00	0.00	-1591.87	-929.26	7.29
241	1	22	0.00	-89.99	0.00	0.00	-644.56	-383.89	> 10.00
240	3	21	0.00	-90.14	0.00	0.00	-1753.33	-1054.61	6.16
239	1	21	0.00	-90.14	0.00	0.00	-1753.33	-1054.61	6.16
238	4	22	0.00	-84.93	0.00	0.00	-478.48	1303.10	8.06
237	3	22	0.00	-84.93	0.00	0.00	-478.48	1303.10	8.06
236	2	20	0.00	-79.16	0.00	0.00	-1591.87	-929.26	7.29
235	1	20	0.00	-79.16	0.00	0.00	-1591.87	-929.26	7.29
234	2	21	0.00	-90.14	0.00	0.00	-1753.33	-1054.61	6.16
233	1	21	0.00	-90.14	0.00	0.00	-1753.33	-1054.61	6.16
232	4	22	0.00	-93.15	0.00	0.00	-1013.64	1158.95	9.03
231	3	22	0.00	-93.15	0.00	0.00	-1013.64	1158.95	9.03
230	3	22	0.00	-86.92	0.00	0.00	-607.06	1037.55	> 10.00
229	3	22	0.00	-87.75	0.00	0.00	-763.16	1441.93	7.38
228	4	22	0.00	-87.75	0.00	0.00	-763.16	1441.93	7.38
227	3	22	0.00	-82.69	0.00	0.00	-251.75	1075.85	9.56
226	3	22	0.00	-84.93	0.00	0.00	-478.48	1303.10	8.06
225	4	22	0.00	-84.93	0.00	0.00	-478.48	1303.10	8.06
224	4	22	0.00	-82.69	0.00	0.00	-251.75	1075.85	9.56
223	4	22	0.00	-86.92	0.00	0.00	-607.06	1037.55	> 10.00
222	3	22	0.00	-39.05	0.00	0.00	-860.06	-1.92	> 10.00
221	4	22	0.00	-39.05	0.00	0.00	-860.06	-1.92	> 10.00
220	4	22	0.00	-81.38	0.00	0.00	-682.30	601.18	> 10.00
219	3	22	0.00	-156.64	0.00	0.00	-1005.12	-172.23	> 10.00
218	2	22	0.00	-93.36	0.00	0.00	-2854.18	-1599.59	3.86
217	1	22	0.00	-93.36	0.00	0.00	-2854.18	-1599.59	3.86
216	1	22	0.00	-7.15	0.00	0.00	-1284.83	-328.61	8.02
215	2	22	0.00	-89.83	0.00	0.00	-2329.05	-1572.27	4.64
214	1	22	0.00	-89.83	0.00	0.00	-2329.05	-1572.27	4.64
213	2	22	0.00	-178.68	0.00	0.00	-1465.10	-201.34	7.52
212	2	20	0.00	-82.73	0.00	0.00	-2086.50	-1505.77	5.36
211	1	20	0.00	-82.73	0.00	0.00	-2086.50	-1505.77	5.36
210	1	21	0.00	-17.80	0.00	0.00	-946.26	12.07	> 10.00
209	4	20	0.00	-63.74	0.00	0.00	-562.18	614.04	> 10.00
208	4	20	0.00	-99.76	0.00	0.00	-265.16	641.03	> 10.00
207	3	21	0.00	-24.90	0.00	0.00	-1082.59	215.72	8.71
206	3	20	0.00	-87.84	0.00	0.00	-2150.54	-1409.51	5.08
205	1	20	0.00	-87.84	0.00	0.00	-2150.54	-1409.51	5.08
204	2	22	0.00	-7.21	0.00	0.00	-1369.99	336.41	7.54
203	3	20	0.00	-87.33	0.00	0.00	-2351.07	-1804.31	4.64
202	1	20	0.00	-87.33	0.00	0.00	-2351.07	-1804.31	4.64
201	1	22	0.00	-173.30	0.00	0.00	-1429.60	-26.69	7.74
200	3	22	0.00	-90.80	0.00	0.00	-2790.78	-1552.04	3.89
199	1	22	0.00	-90.80	0.00	0.00	-2790.78	-1552.04	3.89
198	1	20	0.00	-87.84	0.00	0.00	-2150.54	-1409.51	5.08
197	1	20	0.00	-85.42	0.00	0.00	-290.40	1162.15	9.08
196	2	20	0.00	-87.33	0.00	0.00	-2351.07	-1804.31	4.64
195	1	20	0.00	-87.33	0.00	0.00	-2351.07	-1804.31	4.64
194	2	22	0.00	-90.80	0.00	0.00	-2790.78	-1552.04	3.89
193	1	22	0.00	-90.80	0.00	0.00	-2790.78	-1552.04	3.89
192	4	22	0.00	-90.24	0.00	0.00	-1344.37	1144.75	8.06
191	3	22	0.00	-90.24	0.00	0.00	-1344.37	1144.75	8.06
190	1	22	0.00	-88.45	0.00	0.00	-965.94	597.56	> 10.00
189	3	20	0.00	-90.74	0.00	0.00	-1060.58	1224.95	8.74
188	4	20	0.00	-90.74	0.00	0.00	-1060.58	1224.95	8.74
187	1	20	0.00	-85.42	0.00	0.00	-290.40	1162.15	9.08
186	3	20	0.00	-91.46	0.00	0.00	-635.04	1265.78	8.44
185	4	20	0.00	-91.46	0.00	0.00	-635.04	1265.78	8.44
184	1	22	0.00	-9.98	0.00	0.00	-1047.64	317.10	9.61
183	1	22	0.00	-14.45	0.00	0.00	-1045.06	-102.21	9.46
182	3	20	0.00	-87.84	0.00	0.00	-2150.54	-1409.51	5.08
181	4	20	0.00	-87.84	0.00	0.00	-2150.54	-1409.51	5.08
180	3	22	0.00	-40.86	0.00	0.00	-976.07	98.85	> 10.00
179	4	22	0.00	-40.86	0.00	0.00	-976.07	98.85	> 10.00
178	4	22	0.00	-77.72	0.00	0.00	-715.01	627.63	> 10.00
177	3	22	0.00	-161.87	0.00	0.00	-918.08	-146.63	> 10.00
176	2	22	0.00	-88.45	0.00	0.00	-2918.09	-1682.15	3.73
175	1	22	0.00	-88.45	0.00	0.00	-2918.09	-1682.15	3.73
174	1	22	0.00	-10.22	0.00	0.00	-1403.61	-229.09	7.20

173	2	22	0.00	-89.24	0.00	0.00	-2303.38	-1838.14	4.70
172	1	22	0.00	-89.24	0.00	0.00	-2303.38	-1838.14	4.70
171	1	21	0.00	-7.50	0.00	0.00	-1272.13	237.14	8.06
170	1	22	0.00	-178.68	0.00	0.00	-1465.10	-201.34	7.52
169	1	20	0.00	-95.03	0.00	0.00	-2102.75	-1264.40	5.29
168	1	22	0.00	-3.24	0.00	0.00	-841.97	-120.56	> 10.00
167	3	22	0.00	-112.92	0.00	0.00	-292.89	543.07	> 10.00
166	4	22	0.00	-112.92	0.00	0.00	-292.89	543.07	> 10.00
165	3	21	0.00	-17.80	0.00	0.00	-946.26	12.07	> 10.00
164	2	20	0.00	-82.73	0.00	0.00	-2086.50	-1505.77	5.36
163	4	20	0.00	-82.73	0.00	0.00	-2086.50	-1505.77	5.36
162	1	22	0.00	-178.68	0.00	0.00	-1465.10	-201.34	7.52
161	2	22	0.00	-89.83	0.00	0.00	-2329.05	-1572.27	4.64
160	2	22	0.00	-89.83	0.00	0.00	-2329.05	-1572.27	4.64
159	2	22	0.00	-7.15	0.00	0.00	-1284.83	-328.61	8.02
158	2	22	0.00	-93.36	0.00	0.00	-2854.18	-1599.59	3.86
157	2	22	0.00	-93.36	0.00	0.00	-2854.18	-1599.59	3.86
156	2	22	0.00	-94.32	0.00	0.00	-320.41	1125.13	9.40
155	3	20	0.00	-95.03	0.00	0.00	-2102.75	-1264.40	5.29
154	2	20	0.00	-90.64	0.00	0.00	-2320.52	-1621.90	4.67
153	1	20	0.00	-90.64	0.00	0.00	-2320.52	-1621.90	4.67
152	2	22	0.00	-86.42	0.00	0.00	-2821.64	-1496.57	3.92
151	1	22	0.00	-86.42	0.00	0.00	-2821.64	-1496.57	3.92
150	1	22	0.00	-91.51	0.00	0.00	-1440.19	955.45	7.61
149	2	22	0.00	-91.51	0.00	0.00	-1440.19	955.45	7.61
148	4	22	0.00	-91.57	0.00	0.00	-985.64	821.32	> 10.00
147	3	22	0.00	-90.02	0.00	0.00	-1001.69	1204.26	8.97
146	4	22	0.00	-90.02	0.00	0.00	-1001.69	1204.26	8.97
145	3	22	0.00	-94.32	0.00	0.00	-320.41	1125.13	9.40
144	1	20	0.00	-98.09	0.00	0.00	-2101.85	-1278.02	5.48
143	4	22	0.00	-98.06	0.00	0.00	-604.28	976.97	> 10.00
142	4	22	0.00	-94.32	0.00	0.00	-320.41	1125.13	9.40
141	1	22	0.00	-17.29	0.00	0.00	-987.03	-164.59	9.92
140	4	20	0.00	-98.09	0.00	0.00	-2101.85	-1278.02	5.48
139	4	20	0.00	-88.27	0.00	0.00	-1380.43	-1030.24	7.88
138	2	20	0.00	-157.12	0.00	0.00	-303.93	199.59	> 10.00
137	3	22	0.00	-88.93	0.00	0.00	-203.97	625.79	> 10.00
136	3	22	0.00	-110.87	0.00	0.00	-584.08	1134.29	8.27
135	4	22	0.00	-110.87	0.00	0.00	-584.08	1134.29	8.27
134	3	22	0.00	-3.24	0.00	0.00	-841.97	-120.56	> 10.00
133	3	20	0.00	-105.98	0.00	0.00	-2334.89	-1600.38	5.09
132	2	22	0.00	-81.76	0.00	0.00	-619.75	545.62	> 10.00
131	2	21	0.00	-7.50	0.00	0.00	-1272.13	237.14	8.06
130	2	22	0.00	-89.24	0.00	0.00	-2303.38	-1838.14	4.70
129	2	22	0.00	-89.24	0.00	0.00	-2303.38	-1838.14	4.70
128	2	22	0.00	-10.22	0.00	0.00	-1403.61	-229.09	7.20
127	2	22	0.00	-88.45	0.00	0.00	-2918.09	-1682.15	3.73
126	2	22	0.00	-88.45	0.00	0.00	-2918.09	-1682.15	3.73
125	4	22	0.00	-31.52	0.00	0.00	-1142.25	180.73	8.40
124	3	22	0.00	-31.52	0.00	0.00	-1142.25	180.73	8.40
123	4	22	0.00	-73.75	0.00	0.00	-642.01	786.26	> 10.00
122	4	22	0.00	-92.37	0.00	0.00	-531.51	388.32	> 10.00
121	3	22	0.00	-63.54	0.00	0.00	-580.47	110.56	> 10.00
120	3	22	0.00	-89.86	0.00	0.00	-1802.91	-1118.84	5.99
119	1	22	0.00	-89.86	0.00	0.00	-1802.91	-1118.84	5.99
118	2	22	0.00	-88.93	0.00	0.00	-684.97	-547.51	> 10.00
117	3	20	0.00	-101.55	0.00	0.00	-1495.83	-909.09	7.79
116	1	20	0.00	-101.55	0.00	0.00	-1495.83	-909.09	7.79
115	2	20	0.00	-23.15	0.00	0.00	-427.40	-228.27	> 10.00
114	3	20	0.00	-88.27	0.00	0.00	-1380.43	-1030.24	7.88
113	3	22	0.00	-87.36	0.00	0.00	-741.75	1119.77	9.45
112	2	20	0.00	-105.98	0.00	0.00	-2334.89	-1600.38	5.09
111	2	20	0.00	-89.04	0.00	0.00	-2294.16	-1755.40	4.72
110	1	20	0.00	-89.04	0.00	0.00	-2294.16	-1755.40	4.72
109	2	22	0.00	-78.32	0.00	0.00	-2988.96	-1691.75	3.91
108	1	22	0.00	-78.32	0.00	0.00	-2988.96	-1691.75	3.91
107	2	22	0.00	-89.86	0.00	0.00	-1802.91	-1118.84	5.99
106	1	22	0.00	-89.86	0.00	0.00	-1802.91	-1118.84	5.99
105	3	22	0.00	-90.80	0.00	0.00	-761.38	1419.50	7.56

104	4	22	0.00	-90.80	0.00	0.00	-761.38	1419.50	7.56
103	2	20	0.00	-88.27	0.00	0.00	-1380.43	-1030.24	7.88
102	1	20	0.00	-88.27	0.00	0.00	-1380.43	-1030.24	7.88
101	3	22	0.00	-83.29	0.00	0.00	-1031.03	1130.37	9.05
100	1	22	0.00	-110.87	0.00	0.00	-584.08	1134.29	8.27
99	3	22	0.00	-101.08	0.00	0.00	-239.26	1079.49	9.29
98	4	22	0.00	-83.29	0.00	0.00	-1031.03	1130.37	9.05
97	1	22	0.00	-14.09	0.00	0.00	-1168.47	-25.50	8.46
96	4	22	0.00	-96.00	0.00	0.00	-305.51	1213.28	8.58
95	4	22	0.00	-92.14	0.00	0.00	-312.11	858.95	> 10.00
94	4	22	0.00	-90.80	0.00	0.00	-761.38	1419.50	7.56
93	3	22	0.00	-83.29	0.00	0.00	-1031.03	1130.37	9.05
92	4	22	0.00	-83.29	0.00	0.00	-1031.03	1130.37	9.05
91	1	22	0.00	-90.80	0.00	0.00	-761.38	1419.50	7.56
90	2	22	0.00	-96.00	0.00	0.00	-305.51	1213.28	8.58
89	3	22	0.00	-87.36	0.00	0.00	-741.75	1119.77	9.45
88	1	22	0.00	-172.86	0.00	0.00	-1142.68	-109.45	9.69
87	4	22	0.00	-58.86	0.00	0.00	-1095.05	781.65	> 10.00
86	1	22	0.00	-110.87	0.00	0.00	-584.08	1134.29	8.27
85	2	22	0.00	-96.00	0.00	0.00	-305.51	1213.28	8.58
84	3	20	0.00	-105.98	0.00	0.00	-2334.89	-1600.38	5.09
83	4	20	0.00	-4.49	0.00	0.00	-139.89	93.60	> 10.00
82	2	20	0.00	-76.96	0.00	0.00	-119.09	-28.99	> 10.00
81	2	20	0.00	-83.93	0.00	0.00	-117.93	1.48	> 10.00
80	2	20	0.00	-88.52	0.00	0.00	-117.19	17.79	> 10.00
79	3	22	0.00	-178.53	0.00	0.00	24.93	124.12	> 10.00
78	3	22	0.00	-177.96	0.00	0.00	17.90	133.61	> 10.00
77	3	22	0.00	-178.58	0.00	0.00	13.12	142.32	> 10.00
76	3	22	0.00	-178.73	0.00	0.00	3.82	153.07	> 10.00
75	4	22	0.00	-178.73	0.00	0.00	3.82	153.07	> 10.00
74	4	22	0.00	-3.42	0.00	0.00	2.32	144.34	> 10.00
73	4	22	0.00	-4.88	0.00	0.00	16.40	134.78	> 10.00
72	2	20	0.00	-89.80	0.00	0.00	-117.72	20.40	> 10.00
71	1	20	0.00	-89.80	0.00	0.00	-117.72	20.40	> 10.00
70	3	22	0.00	-167.70	0.00	0.00	-2.72	114.69	> 10.00
69	3	22	0.00	-169.83	0.00	0.00	-40.81	125.22	> 10.00
68	3	22	0.00	-175.42	0.00	0.00	-73.88	138.46	> 10.00
67	2	22	0.00	-175.88	0.00	0.00	-86.90	453.35	> 10.00
66	2	22	0.00	-174.29	0.00	0.00	-104.64	664.63	> 10.00
65	1	22	0.00	-174.29	0.00	0.00	-104.64	664.63	> 10.00
64	1	20	0.00	-169.83	0.00	0.00	-155.34	512.06	> 10.00
63	3	22	0.00	-5.68	0.00	0.00	100.14	521.16	> 10.00
62	3	22	0.00	-11.42	0.00	0.00	61.46	687.58	> 10.00
61	3	22	0.00	-10.06	0.00	0.00	18.93	811.65	> 10.00
60	3	22	0.00	-4.76	0.00	0.00	-12.84	864.46	> 10.00
59	4	22	0.00	-4.76	0.00	0.00	-12.84	864.46	> 10.00
58	4	22	0.00	-1.60	0.00	0.00	-14.61	845.38	> 10.00
57	3	22	0.00	-2.62	0.00	0.00	-34.26	893.08	> 10.00
56	3	22	0.00	-178.61	0.00	0.00	-40.53	916.63	> 10.00
55	4	22	0.00	-178.61	0.00	0.00	-40.53	916.63	> 10.00
54	4	22	0.00	-176.36	0.00	0.00	-30.78	869.25	> 10.00
53	3	22	0.00	-177.00	0.00	0.00	-7.19	859.17	> 10.00
52	4	22	0.00	-177.00	0.00	0.00	-7.19	859.17	> 10.00
51	4	22	0.00	-172.37	0.00	0.00	11.35	829.70	> 10.00
50	4	22	0.00	-168.31	0.00	0.00	44.82	714.07	> 10.00
49	4	22	0.00	-172.96	0.00	0.00	95.73	548.97	> 10.00
48	4	22	0.00	-4.35	0.00	0.00	25.99	430.22	> 10.00
47	3	22	0.00	-5.26	0.00	0.00	-31.75	652.16	> 10.00
46	4	22	0.00	-5.26	0.00	0.00	-31.75	652.16	> 10.00
45	1	22	0.00	-3.88	0.00	0.00	-90.50	458.30	> 10.00
44	3	22	0.00	-179.01	0.00	0.00	36.09	465.17	> 10.00
43	3	22	0.00	-178.33	0.00	0.00	24.84	489.51	> 10.00
42	3	22	0.00	-178.77	0.00	0.00	11.16	513.72	> 10.00
41	3	22	0.00	-179.90	0.00	0.00	-4.05	542.65	> 10.00
40	3	22	0.00	-0.65	0.00	0.00	-6.28	627.14	> 10.00
39	4	22	0.00	-0.65	0.00	0.00	-6.28	627.14	> 10.00
38	4	22	0.00	-0.89	0.00	0.00	-5.70	546.48	> 10.00
37	4	22	0.00	-1.69	0.00	0.00	11.60	515.97	> 10.00
36	4	22	0.00	-2.17	0.00	0.00	26.85	489.36	> 10.00

35	4	22	0.00	-1.41	0.00	0.00	39.16	461.25	> 10.00
34	4	22	0.00	-179.00	0.00	0.00	36.87	436.93	> 10.00
33	3	22	0.00	-174.42	0.00	0.00	-40.87	436.89	> 10.00
32	2	22	0.00	-174.62	0.00	0.00	-29.09	645.57	> 10.00
31	1	22	0.00	-174.62	0.00	0.00	-29.09	645.57	> 10.00
30	3	22	0.00	-2.21	0.00	0.00	57.31	703.41	> 10.00
29	2	22	0.00	-10.06	0.00	0.00	18.93	811.65	> 10.00
28	2	22	0.00	-4.76	0.00	0.00	-12.84	864.46	> 10.00
27	1	22	0.00	-4.76	0.00	0.00	-12.84	864.46	> 10.00
26	3	22	0.00	-0.71	0.00	0.00	-4.52	873.30	> 10.00
25	3	22	0.00	-0.50	0.00	0.00	-9.63	903.64	> 10.00
24	2	22	0.00	-178.61	0.00	0.00	-40.53	916.63	> 10.00
23	1	22	0.00	-178.61	0.00	0.00	-40.53	916.63	> 10.00
22	1	22	0.00	-176.36	0.00	0.00	-30.78	869.25	> 10.00
21	2	22	0.00	-177.00	0.00	0.00	-7.19	859.17	> 10.00
20	1	22	0.00	-177.00	0.00	0.00	-7.19	859.17	> 10.00
19	1	22	0.00	-172.37	0.00	0.00	11.35	829.70	> 10.00
18	1	22	0.00	-168.31	0.00	0.00	44.82	714.07	> 10.00
17	4	22	0.00	-1.18	0.00	0.00	42.55	661.63	> 10.00
16	4	22	0.00	-1.18	0.00	0.00	42.55	661.63	> 10.00
15	4	22	0.00	-4.07	0.00	0.00	9.19	429.78	> 10.00
14	3	22	0.00	-1.06	0.00	0.00	34.60	441.24	> 10.00
13	3	22	0.00	-177.39	0.00	0.00	18.70	815.18	> 10.00
12	4	22	0.00	-179.12	0.00	0.00	-4.52	866.90	> 10.00
11	4	22	0.00	-0.50	0.00	0.00	-9.63	903.64	> 10.00
10	4	22	0.00	-0.71	0.00	0.00	-4.52	873.30	> 10.00
9	4	22	0.00	-1.80	0.00	0.00	1.19	843.69	> 10.00
8	4	22	0.00	-3.12	0.00	0.00	21.43	813.45	> 10.00
7	4	22	0.00	-3.60	0.00	0.00	45.84	764.92	> 10.00
6	4	22	0.00	-2.21	0.00	0.00	57.31	703.41	> 10.00
5	1	22	0.00	-179.12	0.00	0.00	-4.52	866.90	> 10.00
4	1	22	0.00	-178.21	0.00	0.00	-0.27	841.43	> 10.00
3	1	22	0.00	-176.83	0.00	0.00	39.06	774.21	> 10.00
2	1	22	0.00	-177.48	0.00	0.00	52.73	715.57	> 10.00
1	3	22	0.00	-0.50	0.00	0.00	-9.63	903.64	> 10.00
Minimo fattore di sicurezza:			3.734131	>= 1.00					

*Per ogni elemento di indice **Elemento** vengono esposti i dati relativi alla verifica per la combinazione **Combinazione** al vertice **Vertice** che ha comportato il minor coefficiente di sicurezza. Vengono riportati anche i valori limite relativi agli angoli di fessurazione **DirN(°)** e **DirM(°)**per le azioni relativi alle azioni membranali **n1** e **n2** e flessionali **m1** e **m2** relativi a tali piani di fessurazione.*

2.13 Verifica a taglio

Elemento	Combinazione	Inc.Arm. %	Tud	Tur	Coeff. sicurezza
340	20	0.00	7.84	149.56	> 10.00
339	22	0.00	3.67	149.56	> 10.00
338	22	0.00	0.93	149.56	> 10.00
337	22	0.00	6.02	149.56	> 10.00
336	20	0.00	3.44	149.61	> 10.00
335	22	0.00	6.17	149.56	> 10.00
334	22	0.00	5.41	149.56	> 10.00
333	20	0.00	2.09	149.61	> 10.00
332	20	0.00	7.20	149.61	> 10.00
331	20	0.00	1.96	149.56	> 10.00
330	20	0.00	9.69	149.56	> 10.00
329	22	0.00	6.88	149.59	> 10.00
328	22	0.00	9.90	149.56	> 10.00
327	22	0.00	3.65	149.56	> 10.00
326	20	0.00	4.61	149.56	> 10.00
325	20	0.00	6.92	149.56	> 10.00
324	20	0.00	3.44	149.56	> 10.00
323	20	0.00	7.49	149.65	> 10.00
322	20	0.00	2.99	149.76	> 10.00
321	22	0.00	6.70	149.76	> 10.00
320	22	0.00	6.30	149.85	> 10.00
319	22	0.00	5.35	149.90	> 10.00

318	20	0.00	1.73	149.90	> 10.00
317	20	0.00	8.01	149.90	> 10.00
316	20	0.00	10.70	149.74	> 10.00
315	20	0.00	1.36	149.64	> 10.00
314	22	0.00	1.93	149.69	> 10.00
313	20	0.00	7.41	149.65	> 10.00
312	20	0.00	3.12	149.76	> 10.00
311	20	0.00	7.48	149.77	> 10.00
310	20	0.00	6.58	149.85	> 10.00
309	22	0.00	3.34	149.90	> 10.00
308	20	0.00	2.62	149.90	> 10.00
307	20	0.00	8.70	149.90	> 10.00
306	20	0.00	10.56	149.74	> 10.00
305	20	0.00	1.25	149.64	> 10.00
304	22	0.00	2.40	149.69	> 10.00
303	20	0.00	13.24	149.56	> 10.00
302	20	0.00	3.72	149.56	> 10.00
301	22	0.00	1.67	149.56	> 10.00
300	20	0.00	5.09	149.56	> 10.00
299	22	0.00	1.81	149.62	> 10.00
298	22	0.00	4.52	149.56	> 10.00
297	22	0.00	4.10	149.56	> 10.00
296	22	0.00	1.09	149.62	> 10.00
295	22	0.00	5.11	149.63	> 10.00
294	22	0.00	1.47	149.56	> 10.00
293	22	0.00	6.73	149.56	> 10.00
292	22	0.00	5.17	149.62	> 10.00
291	22	0.00	6.56	149.56	> 10.00
290	22	0.00	2.03	149.56	> 10.00
289	22	0.00	4.18	149.56	> 10.00
288	20	0.00	12.03	149.56	> 10.00
287	22	0.00	2.49	149.56	> 10.00
262	20	0.00	7.97	149.56	> 10.00
261	20	0.00	5.60	149.56	> 10.00
260	22	0.00	3.19	149.56	> 10.00
259	20	0.00	13.88	149.56	> 10.00
258	22	0.00	41.91	149.56	3.57
257	22	0.00	38.66	149.56	3.87
256	22	0.00	9.61	149.56	> 10.00
255	22	0.00	37.46	149.56	3.99
254	22	0.00	40.41	149.56	3.70
253	22	0.00	9.25	149.56	> 10.00
252	22	0.00	38.05	149.56	3.93
251	22	0.00	40.31	149.56	3.71
250	20	0.00	7.41	149.56	> 10.00
249	22	0.00	8.95	149.56	> 10.00
248	22	0.00	3.61	149.56	> 10.00
247	20	0.00	7.47	149.56	> 10.00
246	22	0.00	25.42	149.56	5.88
245	22	0.00	21.63	149.56	6.92
244	20	0.00	10.55	149.56	> 10.00
243	22	0.00	23.15	149.56	6.46
242	22	0.00	21.17	149.56	7.06
241	20	0.00	8.55	149.56	> 10.00
240	22	0.00	26.96	149.56	5.55
239	22	0.00	30.37	149.56	4.92
238	20	0.00	28.91	149.56	5.17
237	20	0.00	27.28	149.56	5.48
236	20	0.00	30.22	149.56	4.95
235	20	0.00	27.29	149.56	5.48
234	20	0.00	28.80	149.56	5.19
233	20	0.00	27.11	149.56	5.52
232	22	0.00	8.01	149.56	> 10.00
231	22	0.00	2.98	149.56	> 10.00
230	22	0.00	5.32	149.56	> 10.00
229	22	0.00	3.91	149.56	> 10.00
228	22	0.00	6.57	149.56	> 10.00
227	22	0.00	3.16	149.56	> 10.00
226	22	0.00	6.80	149.56	> 10.00

225	20	0.00	4.46	149.56	> 10.00
224	20	0.00	6.09	149.56	> 10.00
223	20	0.00	6.31	149.56	> 10.00
222	22	0.00	22.23	149.56	6.73
221	20	0.00	10.10	149.56	> 10.00
220	20	0.00	2.28	149.56	> 10.00
219	20	0.00	14.16	149.56	> 10.00
218	22	0.00	41.65	149.56	3.59
217	22	0.00	37.98	149.56	3.94
216	22	0.00	8.22	149.56	> 10.00
215	22	0.00	32.92	149.56	4.54
214	22	0.00	33.37	149.56	4.48
213	22	0.00	12.33	149.56	> 10.00
212	22	0.00	33.17	149.56	4.51
211	22	0.00	41.20	149.56	3.63
210	20	0.00	7.99	149.56	> 10.00
209	20	0.00	8.54	149.56	> 10.00
208	20	0.00	4.20	149.56	> 10.00
207	22	0.00	15.90	149.56	9.41
206	22	0.00	44.73	149.56	3.34
205	22	0.00	40.46	149.56	3.70
204	22	0.00	4.19	149.56	> 10.00
203	22	0.00	44.80	149.56	3.34
202	22	0.00	41.24	149.56	3.63
201	22	0.00	4.72	149.56	> 10.00
200	22	0.00	41.52	149.56	3.60
199	22	0.00	49.22	149.56	3.04
198	20	0.00	38.13	149.56	3.92
197	20	0.00	10.62	149.56	> 10.00
196	20	0.00	42.83	149.56	3.49
195	20	0.00	37.51	149.56	3.99
194	20	0.00	36.74	149.56	4.07
193	20	0.00	37.92	149.56	3.94
192	22	0.00	5.48	149.56	> 10.00
191	22	0.00	3.20	149.56	> 10.00
190	22	0.00	2.39	149.56	> 10.00
189	20	0.00	2.84	149.56	> 10.00
188	20	0.00	10.91	149.56	> 10.00
187	20	0.00	6.46	149.56	> 10.00
186	20	0.00	10.69	149.56	> 10.00
185	20	0.00	6.18	149.56	> 10.00
184	22	0.00	6.66	149.56	> 10.00
183	20	0.00	7.61	149.56	> 10.00
182	20	0.00	31.66	149.56	4.72
181	20	0.00	34.08	149.56	4.39
180	22	0.00	21.61	149.56	6.92
179	20	0.00	9.74	149.56	> 10.00
178	22	0.00	2.44	149.56	> 10.00
177	20	0.00	15.90	149.56	9.41
176	20	0.00	43.12	149.56	3.47
175	20	0.00	38.23	149.56	3.91
174	20	0.00	8.65	149.56	> 10.00
173	20	0.00	37.09	149.56	4.03
172	22	0.00	37.34	149.56	4.01
171	22	0.00	9.56	149.56	> 10.00
170	22	0.00	33.29	149.56	4.49
169	20	0.00	33.78	149.56	4.43
168	20	0.00	9.30	149.56	> 10.00
167	20	0.00	7.95	149.56	> 10.00
166	20	0.00	3.56	149.56	> 10.00
165	22	0.00	15.36	149.56	9.74
164	22	0.00	40.45	149.56	3.70
163	22	0.00	49.12	149.56	3.04
162	22	0.00	12.47	149.56	> 10.00
161	22	0.00	40.34	149.56	3.71
160	22	0.00	38.54	149.56	3.88
159	22	0.00	5.43	149.56	> 10.00
158	22	0.00	41.89	149.56	3.57
157	22	0.00	49.10	149.56	3.05

156	20	0.00	24.62	149.56	6.08
155	22	0.00	27.22	149.56	5.49
154	20	0.00	38.32	149.56	3.90
153	20	0.00	35.44	149.56	4.22
152	20	0.00	36.36	149.56	4.11
151	20	0.00	37.49	149.56	3.99
150	20	0.00	6.13	149.56	> 10.00
149	20	0.00	3.50	149.56	> 10.00
148	22	0.00	2.96	149.56	> 10.00
147	20	0.00	2.91	149.56	> 10.00
146	22	0.00	3.63	149.56	> 10.00
145	20	0.00	10.15	149.56	> 10.00
144	22	0.00	27.08	149.56	5.52
143	20	0.00	6.39	149.56	> 10.00
142	22	0.00	12.28	149.56	> 10.00
141	20	0.00	7.81	149.56	> 10.00
140	22	0.00	32.29	149.56	4.63
139	20	0.00	26.38	149.56	5.67
138	20	0.00	7.32	149.56	> 10.00
137	20	0.00	3.04	149.56	> 10.00
136	22	0.00	9.75	149.56	> 10.00
135	20	0.00	6.95	149.56	> 10.00
134	22	0.00	13.92	149.56	> 10.00
133	22	0.00	44.83	149.56	3.34
132	20	0.00	15.85	149.56	9.44
131	20	0.00	9.83	149.56	> 10.00
130	22	0.00	41.98	149.56	3.56
129	22	0.00	42.10	149.56	3.55
128	22	0.00	4.52	149.56	> 10.00
127	22	0.00	44.74	149.56	3.34
126	22	0.00	50.44	149.56	2.97
125	22	0.00	19.86	149.56	7.53
124	20	0.00	16.54	149.56	9.04
123	22	0.00	4.56	149.56	> 10.00
122	20	0.00	6.21	149.56	> 10.00
121	20	0.00	7.88	149.56	> 10.00
120	20	0.00	31.59	149.56	4.74
119	22	0.00	29.64	149.56	5.05
118	20	0.00	11.04	149.56	> 10.00
117	22	0.00	18.67	149.56	8.01
116	22	0.00	22.34	149.56	6.70
115	20	0.00	10.32	149.56	> 10.00
114	20	0.00	23.27	149.56	6.43
113	20	0.00	8.45	149.56	> 10.00
112	22	0.00	47.74	149.56	3.13
111	20	0.00	39.85	149.56	3.75
110	20	0.00	38.08	149.56	3.93
109	20	0.00	43.40	149.56	3.45
108	22	0.00	46.85	149.56	3.19
107	20	0.00	31.85	149.56	4.70
106	22	0.00	32.65	149.56	4.58
105	20	0.00	22.08	149.56	6.77
104	20	0.00	28.25	149.56	5.29
103	20	0.00	32.46	149.56	4.61
102	22	0.00	31.55	149.56	4.74
101	20	0.00	4.02	149.56	> 10.00
100	22	0.00	16.01	149.56	9.34
99	20	0.00	12.28	149.56	> 10.00
98	22	0.00	9.16	149.56	> 10.00
97	22	0.00	9.87	149.56	> 10.00
96	20	0.00	4.17	149.56	> 10.00
95	20	0.00	6.06	149.56	> 10.00
94	22	0.00	6.17	149.56	> 10.00
93	22	0.00	11.29	149.56	> 10.00
92	20	0.00	7.73	149.56	> 10.00
91	20	0.00	6.50	149.56	> 10.00
90	22	0.00	8.15	149.56	> 10.00
89	22	0.00	8.11	149.56	> 10.00
88	22	0.00	25.70	149.56	5.82

87	20	0.00	6.62	149.56	> 10.00
86	20	0.00	2.11	149.56	> 10.00
85	20	0.00	6.53	149.56	> 10.00
84	22	0.00	43.69	149.56	3.42
83	20	0.00	1.80	149.56	> 10.00
82	20	0.00	1.74	149.56	> 10.00
81	20	0.00	1.66	149.56	> 10.00
80	20	0.00	1.58	149.56	> 10.00
79	20	0.00	1.53	149.56	> 10.00
78	20	0.00	1.61	149.56	> 10.00
77	20	0.00	1.68	149.56	> 10.00
76	20	0.00	1.76	149.56	> 10.00
75	20	0.00	1.64	149.56	> 10.00
74	20	0.00	1.75	149.56	> 10.00
73	20	0.00	1.68	149.56	> 10.00
72	20	0.00	1.58	149.56	> 10.00
71	20	0.00	1.51	149.56	> 10.00
70	20	0.00	1.60	149.56	> 10.00
69	20	0.00	1.70	149.56	> 10.00
68	20	0.00	1.81	149.56	> 10.00
67	20	0.00	2.78	149.56	> 10.00
66	20	0.00	2.17	149.56	> 10.00
65	22	0.00	1.69	149.56	> 10.00
64	20	0.00	13.82	149.56	> 10.00
63	22	0.00	7.13	149.56	> 10.00
62	20	0.00	6.03	149.56	> 10.00
61	20	0.00	6.61	149.56	> 10.00
60	22	0.00	4.62	149.56	> 10.00
59	22	0.00	5.63	149.56	> 10.00
58	20	0.00	4.99	149.56	> 10.00
57	22	0.00	5.74	149.56	> 10.00
56	20	0.00	5.63	149.56	> 10.00
55	22	0.00	5.90	149.56	> 10.00
54	22	0.00	5.11	149.56	> 10.00
53	22	0.00	5.68	149.56	> 10.00
52	20	0.00	4.70	149.56	> 10.00
51	20	0.00	6.10	149.56	> 10.00
50	22	0.00	5.51	149.56	> 10.00
49	22	0.00	6.58	149.56	> 10.00
48	20	0.00	13.60	149.56	> 10.00
47	22	0.00	1.77	149.56	> 10.00
46	20	0.00	2.19	149.56	> 10.00
45	20	0.00	2.80	149.56	> 10.00
44	20	0.00	3.06	149.56	> 10.00
43	20	0.00	3.02	149.56	> 10.00
42	20	0.00	3.00	149.56	> 10.00
41	20	0.00	3.05	149.56	> 10.00
40	20	0.00	3.55	149.56	> 10.00
39	20	0.00	3.02	149.56	> 10.00
38	20	0.00	3.15	149.56	> 10.00
37	20	0.00	3.05	149.56	> 10.00
36	20	0.00	2.98	149.56	> 10.00
35	20	0.00	2.93	149.56	> 10.00
34	20	0.00	2.95	149.56	> 10.00
33	20	0.00	2.91	149.56	> 10.00
32	20	0.00	2.62	149.56	> 10.00
31	22	0.00	1.04	149.56	> 10.00
30	20	0.00	1.18	149.56	> 10.00
29	20	0.00	1.10	149.56	> 10.00
28	20	0.00	0.82	149.56	> 10.00
27	20	0.00	0.49	149.56	> 10.00
26	20	0.00	0.40	149.56	> 10.00
25	22	0.00	0.50	149.56	> 10.00
24	20	0.00	1.30	149.56	> 10.00
23	20	0.00	0.43	149.56	> 10.00
22	20	0.00	0.15	149.56	> 10.00
21	20	0.00	0.34	149.56	> 10.00
20	20	0.00	0.62	149.56	> 10.00
19	20	0.00	1.00	149.56	> 10.00

18	20	0.00	1.25	149.56	> 10.00
17	20	0.00	1.01	149.56	> 10.00
16	20	0.00	2.74	149.56	> 10.00
15	20	0.00	3.00	149.56	> 10.00
14	20	0.00	3.07	149.56	> 10.00
13	20	0.00	2.84	149.56	> 10.00
12	20	0.00	2.48	149.56	> 10.00
11	20	0.00	2.58	149.56	> 10.00
10	20	0.00	2.56	149.56	> 10.00
9	20	0.00	2.63	149.56	> 10.00
8	20	0.00	2.72	149.56	> 10.00
7	20	0.00	2.83	149.56	> 10.00
6	20	0.00	2.80	149.56	> 10.00
5	20	0.00	2.70	149.56	> 10.00
4	20	0.00	2.72	149.56	> 10.00
3	20	0.00	2.93	149.56	> 10.00
2	20	0.00	2.93	149.56	> 10.00
1	20	0.00	2.97	149.56	> 10.00
Minimo fattore di sicurezza:			**2.965447**	**>= 1.00**	

*Per ogni elemento di indice **Elemento** vengono esposti i dati relativi alla verifica per la combinazione **Combinazione** che ha comportato il minor coefficiente di sicurezza. Viene riportata l'incidenza di armatura **Inc.Arm %** in percentuale e se tale valore è nullo, non è necessaria armatura per il taglio e il taglio resistente è calcolato per l'elemento non armato. Vengono inoltre riportati il taglio di progetto per unità di lunghezza **Tud** ed il taglio resistente **Tur***

2.14 Verifica punzonamento

Col.	Estr.	Lato y	Lato z	Spess.	Arm. y	Arm. z	Tau resist.	Cdc.	Taglio ag.	Taglio res.	F.S.
263	Inf.	10.00	10.00	30.00	0.10	0.10	5.27	20	10879.05	50287.70	4.62
264	Inf.	10.00	10.00	30.00	0.10	0.10	5.27	20	10879.05	50287.70	4.62
265	Inf.	10.00	10.00	30.00	0.10	0.10	5.27	20	10879.05	50287.70	4.62
266	Inf.	10.00	10.00	30.00	0.10	0.10	5.27	20	10879.05	50287.70	4.62
267	Inf.	10.00	10.00	30.00	0.10	0.10	5.27	20	10879.05	50287.70	4.62
268	Inf.	10.00	10.00	30.00	0.10	0.10	5.27	20	10879.05	50287.70	4.62
269	Inf.	10.00	10.00	30.00	0.10	0.10	5.27	20	10879.05	50287.70	4.62
270	Inf.	10.00	10.00	30.00	0.10	0.10	5.27	20	10879.05	50287.70	4.62
271	Inf.	10.00	10.00	30.00	0.10	0.10	5.27	20	10879.05	50287.70	4.62
272	Inf.	10.00	10.00	30.00	0.10	0.10	5.27	20	10879.05	50287.70	4.62
273	Inf.	10.00	10.00	30.00	0.10	0.10	5.27	20	10879.05	50287.70	4.62
274	Inf.	10.00	10.00	30.00	0.10	0.10	5.27	20	10879.05	50287.70	4.62
275	Inf.	10.00	10.00	30.00	0.10	0.10	5.27	20	10879.05	50287.70	4.62
276	Inf.	10.00	10.00	30.00	0.10	0.10	5.27	20	10879.05	50287.70	4.62
277	Inf.	10.00	10.00	30.00	0.10	0.10	5.27	20	10879.05	50287.70	4.62
278	Inf.	10.00	10.00	30.00	0.10	0.10	5.27	20	10879.05	50287.70	4.62
279	Inf.	10.00	10.00	30.00	0.10	0.10	5.27	20	10879.05	50287.70	4.62
280	Inf.	10.00	10.00	30.00	0.10	0.10	5.27	20	10879.05	50287.70	4.62
281	Inf.	10.00	10.00	30.00	0.10	0.10	5.27	20	10879.05	50287.70	4.62
282	Inf.	10.00	10.00	30.00	0.10	0.10	5.27	20	10879.05	50287.70	4.62
283	Inf.	10.00	10.00	30.00	0.10	0.10	5.27	20	10879.05	50287.70	4.62
284	Inf.	10.00	10.00	30.00	0.10	0.10	5.27	20	10879.05	50287.70	4.62
285	Inf.	10.00	10.00	30.00	0.10	0.10	5.27	20	10879.05	50287.70	4.62
286	Inf.	10.00	10.00	30.00	0.10	0.10	5.27	20	10879.05	50287.70	4.62

2.15 Verifica stato limite esercizio: fessurazione

Elemento	Vertice	Superiore			Inferiore			
		Ampiezza (mm)	Distanza (mm)	Incl. (°)	Ampiezza (mm)	Distanza (mm)	Incl. (°)	Tipo
340	1	0.001	80.00	-83.90	0.002	239.37	-178.12	freq
	1	0.001	80.00	-84.14	0.002	239.37	-178.90	qprm
	2	0.000	239.37	-76.16	0.006	239.37	-155.89	freq
	2	0.000	239.37	-76.16	0.007	239.37	-155.74	qprm
	3	0.006	239.37	-23.82	0.001	239.37	-107.26	freq
	3	0.006	239.37	-23.88	0.001	239.37	-105.24	qprm
	4	0.005	239.37	-21.01	0.003	239.37	-132.20	freq
	4	0.005	239.37	-21.02	0.003	239.37	-131.92	qprm
339	1	0.005	239.37	227.44	0.004	239.37	140.03	freq
	1	0.005	239.37	227.59	0.004	239.37	138.39	qprm
	2	0.004	239.37	182.18	0.010	239.37	117.49	freq
	2	0.004	239.37	182.74	0.010	239.37	118.16	qprm
	3	0.002	239.37	254.55	0.007	239.37	137.37	freq

	3	0.002	239.37	254.68	0.008	239.37	136.90	qprm
	4	0.002	239.37	113.48	0.001	239.37	121.21	freq
	4	0.002	239.37	113.40	0.002	239.37	119.00	qprm
338	1	0.007	239.37	230.99	0.012	239.37	138.77	freq
	1	0.007	239.37	231.04	0.012	239.37	138.61	qprm
	2	0.009	239.37	219.68	0.016	239.37	131.62	freq
	2	0.009	239.37	219.64	0.016	239.37	131.62	qprm
	3	0.008	239.37	252.59	0.015	239.37	136.48	freq
	3	0.008	239.37	252.60	0.015	239.37	136.48	qprm
	4	0.007	239.37	260.51	0.012	239.37	147.35	freq
	4	0.007	239.37	260.57	0.012	239.37	146.78	qprm
337	1	0.012	239.37	222.63	0.014	239.37	132.92	freq
	1	0.012	239.37	222.63	0.014	239.37	132.92	qprm
	2	0.019	239.37	232.73	0.009	239.37	150.78	freq
	2	0.019	239.37	232.73	0.009	239.37	150.39	qprm
	3	0.015	239.37	111.35	0.012	239.37	127.28	freq
	3	0.015	239.37	111.35	0.012	239.37	127.28	qprm
	4	0.012	239.37	254.15	0.019	239.37	138.87	freq
	4	0.012	239.37	254.15	0.019	239.37	138.87	qprm
336	1	0.013	239.37	-144.57	0.004	239.37	-259.21	freq
	1	0.013	239.37	-144.57	0.004	239.37	-258.60	qprm
	2	0.012	239.37	-132.40	0.000	239.37	-135.00	freq
	2	0.012	239.37	-132.40	0.000	239.37	-135.00	qprm
	3	0.009	239.37	-244.03	0.002	239.37	-265.09	freq
	3	0.009	239.37	-244.02	0.002	239.37	-265.12	qprm
	4	0.008	239.37	-241.69	0.008	239.37	-245.56	freq
	4	0.008	239.37	-241.69	0.008	239.37	-245.48	qprm
335	1	0.006	239.37	-160.74	0.000	239.37	-135.79	freq
	1	0.006	239.37	-160.76	0.000	239.37	-135.79	qprm
	2	0.000	239.37	-135.00	0.003	239.37	-228.37	freq
	2	0.000	239.37	-135.00	0.003	239.37	-228.37	qprm
	3	0.002	239.37	-259.50	0.005	239.37	-144.26	freq
	3	0.002	239.37	-259.56	0.005	239.37	-144.26	qprm
	4	0.003	239.37	-220.16	0.002	239.37	-95.51	freq
	4	0.003	239.37	-220.16	0.002	239.37	-95.51	qprm
334	1	0.001	239.37	193.69	0.008	239.37	124.90	freq
	1	0.001	239.37	193.69	0.008	239.37	124.90	qprm
	2	0.003	239.37	214.48	0.005	239.37	127.67	freq
	2	0.003	239.37	214.48	0.005	239.37	127.67	qprm
	3	0.006	239.37	116.20	0.006	239.37	117.58	freq
	3	0.006	239.37	116.20	0.006	239.37	117.58	qprm
	4	0.003	239.37	264.37	0.011	239.37	142.30	freq
	4	0.003	239.37	264.37	0.011	239.37	142.30	qprm
333	1	0.006	239.37	-136.93	0.001	239.37	-244.28	freq
	1	0.006	239.37	-136.93	0.001	239.37	-244.28	qprm
	2	0.006	239.37	-160.06	0.000	239.37	-135.00	freq
	2	0.006	239.37	-160.06	0.000	239.37	-135.00	qprm
	3	0.003	239.37	-146.99	0.002	239.37	-264.54	freq
	3	0.003	239.37	-146.99	0.002	239.37	-264.54	qprm
	4	0.005	239.37	-246.46	0.003	239.37	-243.80	freq
	4	0.005	239.37	-246.46	0.003	239.37	-243.80	qprm
332	1	0.013	239.37	-244.14	0.000	239.37	-149.61	freq
	1	0.013	239.37	-244.15	0.000	239.37	-151.46	qprm
	2	0.004	239.37	-199.83	0.005	239.37	-113.84	freq
	2	0.004	239.37	-199.81	0.005	239.37	-113.97	qprm
	3	0.006	239.37	-108.76	0.009	239.37	-134.53	freq
	3	0.006	239.37	-108.76	0.009	239.37	-134.60	qprm
	4	0.009	239.37	-114.53	0.002	239.37	-96.38	freq
	4	0.009	239.37	-114.53	0.002	239.37	-96.27	qprm
331	1	0.004	239.37	128.94	0.007	239.37	220.93	freq
	1	0.004	239.37	128.93	0.007	239.37	220.93	qprm
	2	0.001	239.37	113.17	0.006	239.37	219.83	freq
	2	0.001	239.37	113.17	0.006	239.37	219.87	qprm
	3	0.003	239.37	91.37	0.007	239.37	205.12	freq
	3	0.003	239.37	91.37	0.007	239.37	205.06	qprm
	4	0.005	239.37	105.75	0.008	239.37	221.29	freq
	4	0.005	239.37	105.75	0.008	239.37	221.28	qprm
330	1	0.000	239.37	225.00	0.008	239.37	258.96	freq
	1	0.000	239.37	225.00	0.008	239.37	259.01	qprm

	2	0.006	239.37	96.28	0.002	239.37	187.24	freq
	2	0.006	239.37	96.28	0.002	239.37	187.24	qprm
	3	0.004	239.37	131.26	0.001	239.37	105.64	freq
	3	0.004	239.37	131.29	0.001	239.37	105.21	qprm
	4	0.000	239.37	251.52	0.006	239.37	141.36	freq
	4	0.000	239.37	251.52	0.006	239.37	141.44	qprm
329	1	0.003	239.37	139.76	0.001	239.37	235.38	freq
	1	0.003	239.37	139.76	0.001	239.37	235.38	qprm
	2	0.012	239.37	121.31	0.004	239.37	182.32	freq
	2	0.012	239.37	121.31	0.004	239.37	182.32	qprm
	3	0.008	239.37	228.87	0.003	239.37	266.46	freq
	3	0.008	239.37	228.87	0.003	239.37	266.46	qprm
	4	0.002	239.37	173.21	0.000	239.37	141.34	freq
	4	0.002	239.37	173.21	0.000	239.37	141.34	qprm
328	1	0.016	239.37	117.61	0.006	239.37	182.00	freq
	1	0.016	239.37	117.61	0.006	239.37	182.00	qprm
	2	0.009	239.37	160.65	0.017	239.37	238.64	freq
	2	0.009	239.37	160.72	0.017	239.37	238.64	qprm
	3	0.011	239.37	249.25	0.017	239.37	228.16	freq
	3	0.011	239.37	249.25	0.017	239.37	228.16	qprm
	4	0.013	239.37	239.91	0.008	239.37	268.55	freq
	4	0.013	239.37	239.91	0.008	239.37	268.55	qprm
327	1	0.012	239.37	127.20	0.012	239.37	216.85	freq
	1	0.012	239.37	127.19	0.012	239.37	216.91	qprm
	2	0.006	239.37	157.30	0.013	239.37	235.84	freq
	2	0.006	239.37	157.46	0.013	239.37	235.49	qprm
	3	0.006	239.37	98.47	0.014	239.37	214.35	freq
	3	0.006	239.37	98.40	0.014	239.37	214.35	qprm
	4	0.010	239.37	105.54	0.014	239.37	220.01	freq
	4	0.010	239.37	105.52	0.014	239.37	220.01	qprm
326	1	0.005	239.37	162.60	0.011	239.37	238.11	freq
	1	0.005	239.37	162.86	0.011	239.37	237.73	qprm
	2	0.006	239.37	129.64	0.003	239.37	214.58	freq
	2	0.006	239.37	129.55	0.003	239.37	216.11	qprm
	3	0.002	239.37	246.61	0.001	239.37	236.12	freq
	3	0.002	239.37	246.78	0.001	239.37	241.90	qprm
	4	0.003	239.37	91.33	0.009	239.37	210.40	freq
	4	0.003	239.37	91.33	0.009	239.37	211.27	qprm
325	1	0.006	239.37	-237.26	0.001	239.37	-167.00	freq
	1	0.005	239.37	-237.12	0.001	239.37	-168.61	qprm
	2	0.000	239.37	-161.52	0.006	239.37	-239.36	freq
	2	0.000	239.37	-161.52	0.007	239.37	-240.91	qprm
	3	0.001	80.00	-184.64	0.001	239.37	-98.33	freq
	3	0.001	80.00	-184.74	0.002	239.37	-96.95	qprm
	4	0.004	239.37	-114.54	0.003	239.37	-121.70	freq
	4	0.003	239.37	-114.49	0.003	239.37	-120.09	qprm
324	1	0.001	239.37	-82.76	0.002	239.37	19.44	freq
	1	0.001	239.37	-82.59	0.002	239.37	20.86	qprm
	2	0.002	239.37	51.34	0.002	239.37	83.90	freq
	2	0.002	239.37	51.25	0.002	239.37	84.21	qprm
	3	0.000	239.37	45.00	0.003	239.37	-32.72	freq
	3	0.000	239.37	45.00	0.003	239.37	-32.72	qprm
323	1	0.010	239.37	147.69	0.002	239.37	85.21	freq
	1	0.010	239.37	147.70	0.002	239.37	85.21	qprm
	2	0.004	239.37	125.92	0.002	80.00	42.72	freq
	2	0.004	239.37	125.75	0.002	80.00	44.14	qprm
	3	0.006	239.37	104.09	0.009	239.37	18.73	freq
	3	0.006	239.37	104.11	0.010	239.37	18.66	qprm
	4	0.005	239.37	104.61	0.009	239.37	13.40	freq
	4	0.005	239.37	104.62	0.010	239.37	13.30	qprm
322	1	0.006	239.37	62.63	0.005	239.37	62.37	freq
	1	0.006	239.37	62.69	0.005	239.37	62.66	qprm
	2	0.002	239.37	83.85	0.006	239.37	61.82	freq
	2	0.002	239.37	83.76	0.006	239.37	62.14	qprm
	3	0.001	239.37	35.58	0.007	239.37	-46.37	freq
	3	0.001	239.37	35.21	0.007	239.37	-46.20	qprm
	4	0.002	239.37	82.56	0.008	239.37	-35.47	freq
	4	0.002	239.37	82.73	0.008	239.37	-35.23	qprm
321	1	0.001	239.37	-77.07	0.001	239.37	40.54	freq

	1	0.001	239.37	-77.07	0.001	239.37	40.54	qprm
	2	0.005	239.37	-22.81	0.000	239.37	79.34	freq
	2	0.005	239.37	-22.81	0.000	239.37	79.34	qprm
	3	0.005	239.37	44.31	0.000	239.37	-59.50	freq
	3	0.005	239.37	44.25	0.001	239.37	-50.31	qprm
	4	0.002	239.37	84.90	0.005	239.37	-18.68	freq
	4	0.002	239.37	84.87	0.005	239.37	-19.92	qprm
320	1	0.008	239.37	46.26	0.004	239.37	70.27	freq
	1	0.008	239.37	46.26	0.004	239.37	70.17	qprm
	2	0.003	239.37	86.36	0.006	239.37	59.82	freq
	2	0.003	239.37	86.36	0.006	239.37	59.82	qprm
	3	0.002	239.37	5.48	0.006	239.37	-66.18	freq
	3	0.002	239.37	5.48	0.006	239.37	-66.15	qprm
	4	0.007	239.37	62.91	0.003	239.37	-4.60	freq
	4	0.007	239.37	62.91	0.003	239.37	-4.50	qprm
319	1	0.000	239.37	54.71	0.003	239.37	-44.56	freq
	1	0.000	239.37	54.71	0.003	239.37	-44.56	qprm
	2	0.001	239.37	72.02	0.000	239.37	75.03	freq
	2	0.001	239.37	72.02	0.000	239.37	75.03	qprm
	3	0.005	239.37	64.31	0.002	239.37	-7.31	freq
	3	0.005	239.37	64.31	0.002	239.37	-7.31	qprm
	4	0.002	239.37	4.90	0.006	239.37	-61.05	freq
	4	0.002	239.37	4.90	0.006	239.37	-61.05	qprm
318	1	0.003	239.37	53.65	0.002	239.37	66.34	freq
	1	0.003	239.37	53.65	0.002	239.37	66.34	qprm
	2	0.003	239.37	54.04	0.003	239.37	67.24	freq
	2	0.003	239.37	54.04	0.003	239.37	67.24	qprm
	3	0.002	239.37	45.61	0.004	239.37	-44.57	freq
	3	0.002	239.37	45.61	0.004	239.37	-44.57	qprm
	4	0.004	239.37	40.43	0.002	239.37	-54.00	freq
	4	0.004	239.37	40.43	0.002	239.37	-54.00	qprm
317	1	0.004	239.37	74.83	0.003	239.37	54.56	freq
	1	0.004	239.37	74.83	0.003	239.37	54.56	qprm
	2	0.000	239.37	45.00	0.007	239.37	50.11	freq
	2	0.000	239.37	45.00	0.007	239.37	50.11	qprm
	3	0.000	239.37	45.00	0.007	239.37	27.22	freq
	3	0.000	239.37	45.00	0.007	239.37	27.62	qprm
	4	0.000	239.37	45.00	0.004	239.37	48.46	freq
	4	0.000	239.37	45.00	0.004	239.37	48.11	qprm
316	1	0.006	239.37	-66.31	0.009	239.37	-64.82	freq
	1	0.006	239.37	-66.31	0.009	239.37	-64.78	qprm
	2	0.005	239.37	-87.62	0.002	80.00	11.31	freq
	2	0.005	239.37	-87.61	0.002	80.00	11.45	qprm
	3	0.013	239.37	-81.70	0.002	239.37	1.59	freq
	3	0.013	239.37	-81.94	0.002	239.37	1.59	qprm
	4	0.002	239.37	-6.36	0.017	239.37	55.76	freq
	4	0.002	239.37	-6.44	0.017	239.37	55.87	qprm
315	1	0.002	239.37	57.68	0.001	239.37	63.97	freq
	1	0.002	239.37	57.59	0.001	239.37	63.63	qprm
	2	0.004	239.37	39.82	0.002	239.37	-76.70	freq
	2	0.004	239.37	39.68	0.002	239.37	-75.68	qprm
	3	0.005	239.37	43.76	0.003	239.37	-47.56	freq
	3	0.005	239.37	43.74	0.003	239.37	-47.27	qprm
314	1	0.005	239.37	-86.92	0.006	239.37	-56.05	freq
	1	0.005	239.37	-87.05	0.006	239.37	-56.32	qprm
	2	0.005	239.37	-66.84	0.005	239.37	-61.79	freq
	2	0.005	239.37	-66.83	0.005	239.37	-61.80	qprm
	3	0.004	239.37	-86.96	0.008	239.37	19.66	freq
	3	0.004	239.37	-86.94	0.008	239.37	20.32	qprm
313	1	0.001	239.37	86.48	0.009	239.37	148.13	freq
	1	0.001	239.37	86.48	0.010	239.37	148.22	qprm
	2	0.002	80.00	43.31	0.004	239.37	123.89	freq
	2	0.002	80.00	43.12	0.004	239.37	125.46	qprm
	3	0.010	239.37	18.74	0.005	239.37	104.34	freq
	3	0.010	239.37	18.74	0.006	239.37	104.19	qprm
	4	0.010	239.37	13.34	0.004	239.37	104.87	freq
	4	0.010	239.37	13.35	0.004	239.37	104.78	qprm
312	1	0.005	239.37	62.23	0.005	239.37	63.88	freq
	1	0.005	239.37	62.21	0.005	239.37	63.64	qprm

	2	0.006	239.37	61.58	0.001	239.37	81.80	freq
	2	0.006	239.37	61.55	0.002	239.37	82.59	qprm
	3	0.007	239.37	-46.42	0.000	239.37	22.58	freq
	3	0.007	239.37	-46.44	0.001	239.37	26.36	qprm
	4	0.008	239.37	-35.01	0.002	239.37	83.41	freq
	4	0.008	239.37	-35.04	0.002	239.37	84.09	qprm
311	1	0.002	239.37	-47.09	0.001	239.37	-80.44	freq
	1	0.002	239.37	-47.09	0.001	239.37	-80.44	qprm
	2	0.001	239.37	83.06	0.006	239.37	-23.73	freq
	2	0.001	239.37	83.06	0.006	239.37	-23.73	qprm
	3	0.000	239.37	-45.85	0.005	239.37	43.02	freq
	3	0.000	239.37	43.62	0.005	239.37	43.24	qprm
	4	0.005	239.37	-17.68	0.002	239.37	84.69	freq
	4	0.005	239.37	-17.57	0.002	239.37	84.93	qprm
310	1	0.004	239.37	71.17	0.009	239.37	45.29	freq
	1	0.004	239.37	71.17	0.009	239.37	45.35	qprm
	2	0.006	239.37	60.98	0.004	239.37	87.39	freq
	2	0.006	239.37	61.00	0.004	239.37	86.75	qprm
	3	0.006	239.37	-67.64	0.003	239.37	4.11	freq
	3	0.006	239.37	-67.61	0.003	239.37	4.08	qprm
	4	0.003	239.37	-4.19	0.008	239.37	61.93	freq
	4	0.003	239.37	-4.20	0.008	239.37	61.79	qprm
309	1	0.003	239.37	47.73	0.001	239.37	81.97	freq
	1	0.003	239.37	47.78	0.001	239.37	82.05	qprm
	2	0.001	239.37	-26.41	0.001	239.37	67.05	freq
	2	0.001	239.37	-26.72	0.001	239.37	67.05	qprm
	3	0.002	239.37	-35.76	0.002	239.37	53.74	freq
	3	0.002	239.37	-35.76	0.002	239.37	53.74	qprm
	4	0.006	239.37	-54.99	0.002	239.37	17.91	freq
	4	0.006	239.37	-54.99	0.002	239.37	17.91	qprm
308	1	0.001	239.37	-31.51	0.001	239.37	73.55	freq
	1	0.001	239.37	-31.51	0.001	239.37	73.55	qprm
	2	0.000	239.37	62.63	0.002	239.37	49.00	freq
	2	0.000	239.37	62.63	0.002	239.37	49.00	qprm
	3	0.001	239.37	-9.79	0.003	239.37	62.08	freq
	3	0.001	239.37	-9.79	0.003	239.37	62.08	qprm
	4	0.002	239.37	-53.11	0.002	239.37	38.36	freq
	4	0.002	239.37	-53.11	0.002	239.37	38.36	qprm
307	1	0.002	239.37	51.59	0.003	239.37	77.40	freq
	1	0.002	239.37	51.59	0.003	239.37	77.40	qprm
	2	0.006	239.37	48.95	0.000	239.37	45.00	freq
	2	0.006	239.37	48.95	0.000	239.37	45.00	qprm
	3	0.007	239.37	29.55	0.000	239.37	-51.39	freq
	3	0.007	239.37	29.49	0.000	239.37	-64.49	qprm
	4	0.004	239.37	53.79	0.000	239.37	45.00	freq
	4	0.004	239.37	53.79	0.000	239.37	45.00	qprm
306	1	0.009	239.37	-65.27	0.007	239.37	-63.46	freq
	1	0.009	239.37	-65.28	0.007	239.37	-63.44	qprm
	2	0.002	80.00	12.45	0.005	239.37	-85.86	freq
	2	0.002	80.00	12.43	0.005	239.37	-88.11	qprm
	3	0.002	239.37	1.83	0.013	239.37	-82.51	freq
	3	0.002	239.37	1.83	0.013	239.37	-80.73	qprm
	4	0.017	239.37	55.48	0.002	239.37	-6.29	freq
	4	0.017	239.37	55.48	0.002	239.37	-5.75	qprm
305	1	0.001	239.37	66.16	0.002	239.37	53.01	freq
	1	0.001	239.37	66.16	0.002	239.37	53.13	qprm
	2	0.002	239.37	-78.72	0.004	239.37	35.72	freq
	2	0.002	239.37	-78.81	0.004	239.37	36.40	qprm
	3	0.003	239.37	-47.68	0.005	239.37	43.48	freq
	3	0.003	239.37	-47.68	0.005	239.37	43.46	qprm
304	1	0.007	239.37	-57.57	0.006	239.37	-83.56	freq
	1	0.007	239.37	-57.54	0.006	239.37	-82.50	qprm
	2	0.006	239.37	-63.78	0.006	239.37	-61.33	freq
	2	0.006	239.37	-63.77	0.006	239.37	-61.26	qprm
	3	0.008	239.37	21.39	0.004	239.37	-86.93	freq
	3	0.008	239.37	21.31	0.004	239.37	-87.07	qprm
303	1	0.004	239.37	-181.79	0.004	80.00	-76.85	freq
	1	0.004	239.37	-181.79	0.004	80.00	-77.71	qprm
	2	0.013	239.37	-145.64	0.000	239.37	-76.16	freq

	2	0.013	239.37	-145.55	0.000	239.37	-76.16	qprm
	3	0.002	239.37	-100.88	0.010	239.37	-20.83	freq
	3	0.002	239.37	-100.88	0.010	239.37	-20.86	qprm
	4	0.003	239.37	-171.53	0.007	239.37	-164.27	freq
	4	0.003	239.37	-171.53	0.007	239.37	-164.27	qprm
302	1	0.004	239.37	133.56	0.007	239.37	224.12	freq
	1	0.004	239.37	133.56	0.007	239.37	224.12	qprm
	2	0.008	239.37	120.96	0.005	239.37	197.88	freq
	2	0.008	239.37	120.96	0.005	239.37	197.88	qprm
	3	0.004	239.37	104.94	0.002	239.37	115.50	freq
	3	0.004	239.37	104.94	0.002	239.37	115.50	qprm
	4	0.002	239.37	91.91	0.003	239.37	126.58	freq
	4	0.002	239.37	91.91	0.003	239.37	126.58	qprm
301	1	0.009	239.37	139.69	0.007	239.37	231.49	freq
	1	0.009	239.37	139.69	0.007	239.37	231.49	qprm
	2	0.013	239.37	130.68	0.007	239.37	216.92	freq
	2	0.013	239.37	130.68	0.007	239.37	216.92	qprm
	3	0.008	239.37	250.82	0.006	239.37	252.45	freq
	3	0.008	239.37	250.83	0.006	239.37	252.45	qprm
	4	0.005	239.37	247.36	0.005	239.37	255.69	freq
	4	0.005	239.37	247.36	0.005	239.37	255.69	qprm
300	1	0.010	239.37	132.60	0.009	239.37	222.33	freq
	1	0.010	239.37	132.60	0.009	239.37	222.34	qprm
	2	0.006	239.37	156.42	0.015	239.37	233.60	freq
	2	0.006	239.37	156.42	0.015	239.37	233.60	qprm
	3	0.007	239.37	103.00	0.012	239.37	111.89	freq
	3	0.007	239.37	103.00	0.012	239.37	111.89	qprm
	4	0.010	239.37	250.22	0.009	239.37	252.88	freq
	4	0.010	239.37	250.22	0.009	239.37	252.92	qprm
299	1	0.003	239.37	-265.44	0.010	239.37	-146.52	freq
	1	0.003	239.37	-265.43	0.010	239.37	-146.49	qprm
	2	0.000	239.37	-135.00	0.008	239.37	-133.62	freq
	2	0.000	239.37	-135.00	0.008	239.37	-133.66	qprm
	3	0.001	239.37	-266.83	0.005	239.37	-242.90	freq
	3	0.001	239.37	-266.81	0.005	239.37	-242.95	qprm
	4	0.005	239.37	-265.80	0.005	239.37	-237.57	freq
	4	0.005	239.37	-265.81	0.005	239.37	-237.65	qprm
298	1	0.000	239.37	-243.04	0.004	239.37	-163.87	freq
	1	0.000	239.37	-242.79	0.004	239.37	-163.46	qprm
	2	0.003	239.37	-228.63	0.000	239.37	-135.00	freq
	2	0.003	239.37	-228.64	0.000	239.37	-135.00	qprm
	3	0.003	239.37	-244.95	0.002	239.37	-262.58	freq
	3	0.003	239.37	-244.95	0.002	239.37	-262.58	qprm
	4	0.002	239.37	-92.13	0.002	239.37	-223.16	freq
	4	0.002	239.37	-92.13	0.002	239.37	-223.16	qprm
297	1	0.006	239.37	126.10	0.001	239.37	193.91	freq
	1	0.006	239.37	126.10	0.001	239.37	193.52	qprm
	2	0.004	239.37	124.95	0.003	239.37	213.95	freq
	2	0.004	239.37	124.95	0.003	239.37	213.89	qprm
	3	0.005	239.37	98.86	0.005	239.37	117.15	freq
	3	0.005	239.37	98.86	0.005	239.37	117.15	qprm
	4	0.006	239.37	247.65	0.003	239.37	259.99	freq
	4	0.006	239.37	247.65	0.003	239.37	259.85	qprm
296	1	0.000	239.37	-230.59	0.005	239.37	-135.43	freq
	1	0.000	239.37	-230.59	0.005	239.37	-135.43	qprm
	2	0.000	239.37	-135.00	0.005	239.37	-159.14	freq
	2	0.000	239.37	-135.00	0.005	239.37	-159.14	qprm
	3	0.002	239.37	-267.67	0.002	239.37	-148.26	freq
	3	0.002	239.37	-267.67	0.002	239.37	-148.26	qprm
	4	0.002	239.37	-264.38	0.004	239.37	-245.23	freq
	4	0.002	239.37	-264.38	0.004	239.37	-245.23	qprm
295	1	0.000	239.37	-139.99	0.009	239.37	-244.69	freq
	1	0.000	239.37	-139.65	0.009	239.37	-244.69	qprm
	2	0.004	239.37	-112.92	0.003	239.37	-198.63	freq
	2	0.004	239.37	-112.90	0.003	239.37	-198.88	qprm
	3	0.005	239.37	-106.78	0.004	239.37	-110.48	freq
	3	0.005	239.37	-106.78	0.004	239.37	-110.49	qprm
	4	0.001	239.37	-93.32	0.006	239.37	-115.33	freq
	4	0.001	239.37	-93.32	0.006	239.37	-115.33	qprm

294	1	0.005	239.37	221.55	0.003	239.37	129.37	freq
	1	0.005	239.37	221.55	0.003	239.37	129.44	qprm
	2	0.004	239.37	219.55	0.000	239.37	117.15	freq
	2	0.004	239.37	219.54	0.000	239.37	115.93	qprm
	3	0.002	239.37	122.82	0.002	239.37	92.11	freq
	3	0.002	239.37	122.84	0.002	239.37	92.09	qprm
	4	0.004	239.37	109.53	0.003	239.37	107.22	freq
	4	0.004	239.37	109.54	0.003	239.37	107.26	qprm
293	1	0.006	239.37	258.80	0.000	239.37	225.00	freq
	1	0.006	239.37	258.80	0.000	239.37	225.00	qprm
	2	0.001	239.37	190.08	0.004	239.37	96.81	freq
	2	0.001	239.37	190.10	0.004	239.37	97.08	qprm
	3	0.001	239.37	97.74	0.003	239.37	134.58	freq
	3	0.001	239.37	97.74	0.003	239.37	134.58	qprm
	4	0.003	239.37	249.75	0.000	239.37	251.52	freq
	4	0.003	239.37	249.75	0.000	239.37	251.52	qprm
292	1	0.001	239.37	231.20	0.002	239.37	138.13	freq
	1	0.001	239.37	231.25	0.002	239.37	137.96	qprm
	2	0.003	239.37	183.27	0.009	239.37	121.00	freq
	2	0.003	239.37	183.21	0.009	239.37	121.00	qprm
	3	0.002	239.37	268.38	0.005	239.37	228.18	freq
	3	0.002	239.37	268.38	0.005	239.37	228.18	qprm
	4	0.000	239.37	247.33	0.002	239.37	172.73	freq
	4	0.000	239.37	247.33	0.002	239.37	171.86	qprm
291	1	0.004	239.37	182.79	0.011	239.37	117.99	freq
	1	0.004	239.37	182.79	0.011	239.37	117.99	qprm
	2	0.012	239.37	237.02	0.007	239.37	156.61	freq
	2	0.012	239.37	237.02	0.007	239.37	156.61	qprm
	3	0.009	239.37	254.64	0.008	239.37	247.79	freq
	3	0.009	239.37	254.64	0.008	239.37	247.79	qprm
	4	0.006	239.37	269.31	0.009	239.37	238.94	freq
	4	0.006	239.37	269.31	0.009	239.37	238.94	qprm
290	1	0.009	239.37	217.73	0.009	239.37	127.89	freq
	1	0.009	239.37	217.73	0.009	239.37	127.89	qprm
	2	0.010	239.37	232.09	0.005	239.37	147.46	freq
	2	0.010	239.37	232.09	0.005	239.37	147.46	qprm
	3	0.007	239.37	112.30	0.005	239.37	103.74	freq
	3	0.007	239.37	112.30	0.005	239.37	103.74	qprm
	4	0.008	239.37	109.29	0.008	239.37	107.70	freq
	4	0.008	239.37	109.29	0.008	239.37	107.70	qprm
289	1	0.009	239.37	235.79	0.005	239.37	153.31	freq
	1	0.009	239.37	235.79	0.005	239.37	153.12	qprm
	2	0.004	239.37	217.14	0.007	239.37	130.08	freq
	2	0.004	239.37	217.14	0.007	239.37	130.08	qprm
	3	0.002	239.37	268.13	0.004	239.37	236.28	freq
	3	0.002	239.37	268.13	0.004	239.37	236.28	qprm
	4	0.004	239.37	110.99	0.003	239.37	104.47	freq
	4	0.004	239.37	110.99	0.003	239.37	104.47	qprm
288	1	0.002	239.37	-172.80	0.009	239.37	-240.58	freq
	1	0.002	239.37	-172.80	0.010	239.37	-240.70	qprm
	2	0.012	239.37	-126.58	0.000	239.37	-198.48	freq
	2	0.012	239.37	-126.68	0.000	239.37	-198.48	qprm
	3	0.003	239.37	-93.37	0.003	80.00	-186.05	freq
	3	0.003	239.37	-93.37	0.003	80.00	-185.30	qprm
	4	0.004	239.37	-90.84	0.005	239.37	-121.85	freq
	4	0.004	239.37	-90.84	0.005	239.37	-121.85	qprm
287	1	0.000	239.37	54.94	0.000	239.37	67.33	freq
	1	0.000	239.37	54.71	0.000	239.37	67.33	qprm
	2	0.001	239.37	85.35	0.001	239.37	-35.00	freq
	2	0.001	239.37	85.35	0.001	239.37	-35.00	qprm
	3	0.003	239.37	-35.97	0.000	239.37	-38.66	freq
	3	0.003	239.37	-35.94	0.000	239.37	-41.81	qprm
262	1	0.002	239.37	-151.18	0.010	239.37	-60.50	freq
	1	0.002	239.37	-151.18	0.011	239.37	-61.24	qprm
	2	0.005	239.37	-101.12	0.002	239.37	-5.98	freq
	2	0.005	239.37	-101.12	0.002	239.37	-5.98	qprm
	3	0.000	239.37	-45.06	0.013	239.37	-39.11	freq
	3	0.000	239.37	-45.06	0.013	239.37	-40.24	qprm
	4	0.002	239.37	-97.01	0.018	239.37	-27.95	freq

	4	0.002	239.37	-97.01	0.018	239.37	-29.69	qprm
261	1	0.005	239.37	-92.58	0.004	239.37	-3.28	freq
	1	0.005	239.37	-92.58	0.004	239.37	-3.28	qprm
	2	0.007	239.37	-90.72	0.007	239.37	-1.88	freq
	2	0.007	239.37	-90.74	0.007	239.37	-1.88	qprm
	3	0.010	239.37	-89.07	0.013	239.37	-179.25	freq
	3	0.010	239.37	-89.07	0.013	239.37	-179.25	qprm
	4	0.000	239.37	-45.18	0.007	239.37	-150.87	freq
	4	0.000	239.37	-45.18	0.007	239.37	-147.89	qprm
260	1	0.011	239.37	-90.33	0.011	239.37	-1.03	freq
	1	0.011	239.37	-90.33	0.011	239.37	-1.03	qprm
	2	0.016	239.37	-99.16	0.017	239.37	-24.43	freq
	2	0.016	239.37	-99.16	0.017	239.37	-24.43	qprm
	3	0.027	239.37	-102.84	0.021	239.37	-2.72	freq
	3	0.027	239.37	-102.84	0.021	239.37	-2.72	qprm
	4	0.019	239.37	-90.60	0.014	239.37	-0.82	freq
	4	0.019	239.37	-90.60	0.014	239.37	-0.82	qprm
259	1	0.012	239.37	-64.67	0.011	239.37	-60.19	freq
	1	0.012	239.37	-64.67	0.011	239.37	-61.34	qprm
	2	0.009	239.37	-150.91	0.012	239.37	-88.79	freq
	2	0.009	239.37	-150.91	0.012	239.37	-88.79	qprm
	3	0.013	239.37	-159.26	0.033	239.37	-54.38	freq
	3	0.013	239.37	-159.26	0.033	239.37	-54.38	qprm
	4	0.023	239.37	-104.70	0.033	239.37	-23.67	freq
	4	0.023	239.37	-104.70	0.033	239.37	-23.67	qprm
258	1	0.006	239.37	91.58	0.046	239.37	216.95	freq
	1	0.006	239.37	91.58	0.046	239.37	216.95	qprm
	2	0.000	239.37	224.54	0.083	239.37	238.46	freq
	2	0.000	239.37	224.54	0.083	239.37	238.46	qprm
	3	0.033	239.37	179.19	0.040	239.37	269.25	freq
	3	0.033	239.37	179.19	0.040	239.37	269.25	qprm
	4	0.024	239.37	179.07	0.036	239.37	261.82	freq
	4	0.024	239.37	179.07	0.036	239.37	261.82	qprm
257	1	0.000	239.37	224.82	0.073	239.37	239.27	freq
	1	0.000	239.37	224.82	0.073	239.37	239.27	qprm
	2	0.000	239.37	224.82	0.035	239.37	156.84	freq
	2	0.000	239.37	224.82	0.035	239.37	156.97	qprm
	3	0.011	239.37	178.74	0.025	239.37	269.36	freq
	3	0.011	239.37	178.74	0.025	239.37	269.36	qprm
	4	0.031	239.37	179.44	0.037	239.37	269.50	freq
	4	0.031	239.37	179.44	0.037	239.37	269.50	qprm
256	1	0.000	239.37	224.88	0.027	239.37	164.67	freq
	1	0.000	239.37	224.88	0.027	239.37	164.68	qprm
	2	0.004	239.37	92.51	0.031	239.37	192.99	freq
	2	0.004	239.37	92.51	0.031	239.37	192.95	qprm
	3	0.012	239.37	178.92	0.019	239.37	269.38	freq
	3	0.012	239.37	178.92	0.019	239.37	268.94	qprm
	4	0.007	239.37	181.44	0.016	239.37	90.60	freq
	4	0.007	239.37	181.44	0.016	239.37	90.60	qprm
255	1	0.004	239.37	92.92	0.039	239.37	196.36	freq
	1	0.004	239.37	92.92	0.039	239.37	196.29	qprm
	2	0.000	239.37	224.91	0.068	239.37	231.79	freq
	2	0.000	239.37	224.91	0.068	239.37	231.65	qprm
	3	0.026	239.37	180.35	0.024	239.37	90.39	freq
	3	0.026	239.37	180.35	0.024	239.37	90.39	qprm
	4	0.014	239.37	179.05	0.023	239.37	269.40	freq
	4	0.014	239.37	179.05	0.023	239.37	269.40	qprm
254	1	0.000	239.37	-134.90	0.070	239.37	-231.11	freq
	1	0.000	239.37	-134.90	0.070	239.37	-230.97	qprm
	2	0.013	239.37	-90.80	0.039	239.37	-187.82	freq
	2	0.013	239.37	-90.80	0.039	239.37	-187.89	qprm
	3	0.016	239.37	-179.16	0.018	239.37	-269.26	freq
	3	0.016	239.37	-179.16	0.018	239.37	-269.26	qprm
	4	0.027	239.37	-179.46	0.023	239.37	-269.39	freq
	4	0.027	239.37	-179.46	0.023	239.37	-269.40	qprm
253	1	0.015	239.37	-90.68	0.031	239.37	-180.26	freq
	1	0.015	239.37	-90.68	0.031	239.37	-180.25	qprm
	2	0.009	239.37	-268.60	0.024	239.37	-179.39	freq
	2	0.009	239.37	-268.60	0.024	239.37	-179.39	qprm

	3	0.007	239.37	-181.47	0.003	239.37	-93.80	freq
	3	0.007	239.37	-181.47	0.003	239.37	-93.54	qprm
	4	0.015	239.37	-166.90	0.012	239.37	-266.04	freq
	4	0.015	239.37	-166.90	0.012	239.37	-264.96	qprm
252	1	0.007	239.37	-268.08	0.030	239.37	-179.42	freq
	1	0.007	239.37	-268.08	0.030	239.37	-179.42	qprm
	2	0.000	239.37	-134.81	0.061	239.37	-232.99	freq
	2	0.000	239.37	-134.81	0.061	239.37	-232.94	qprm
	3	0.033	239.37	-179.46	0.023	239.37	-269.31	freq
	3	0.033	239.37	-179.46	0.023	239.37	-269.31	qprm
	4	0.015	239.37	-179.01	0.015	239.37	-269.01	freq
	4	0.015	239.37	-179.01	0.015	239.37	-269.01	qprm
251	1	0.000	239.37	-134.55	0.071	239.37	-233.06	freq
	1	0.000	239.37	-134.55	0.071	239.37	-233.03	qprm
	2	0.015	239.37	-90.32	0.041	239.37	-207.95	freq
	2	0.015	239.37	-90.32	0.041	239.37	-208.19	qprm
	3	0.028	239.37	-170.48	0.027	239.37	-262.46	freq
	3	0.028	239.37	-170.48	0.027	239.37	-262.27	qprm
	4	0.035	239.37	-179.22	0.027	239.37	-269.12	freq
	4	0.035	239.37	-179.22	0.027	239.37	-269.12	qprm
250	1	0.019	239.37	-107.88	0.030	239.37	-208.28	freq
	1	0.019	239.37	-107.88	0.031	239.37	-208.81	qprm
	2	0.011	239.37	-213.54	0.014	239.37	-197.12	freq
	2	0.011	239.37	-213.54	0.014	239.37	-198.60	qprm
	3	0.018	239.37	-164.06	0.016	239.37	-232.00	freq
	3	0.018	239.37	-164.06	0.017	239.37	-232.52	qprm
	4	0.030	239.37	-154.27	0.027	239.37	-246.19	freq
	4	0.030	239.37	-154.27	0.027	239.37	-246.26	qprm
249	1	0.020	239.37	96.81	0.021	239.37	19.33	freq
	1	0.020	239.37	96.81	0.022	239.37	19.24	qprm
	2	0.015	239.37	90.23	0.012	239.37	0.93	freq
	2	0.015	239.37	90.23	0.013	239.37	0.89	qprm
	3	0.023	239.37	101.73	0.006	239.37	1.96	freq
	3	0.023	239.37	101.73	0.006	239.37	1.86	qprm
	4	0.032	239.37	116.68	0.014	239.37	0.80	freq
	4	0.032	239.37	116.68	0.014	239.37	0.62	qprm
248	1	0.009	239.37	90.65	0.006	239.37	2.22	freq
	1	0.009	239.37	90.65	0.006	239.37	2.08	qprm
	2	0.005	239.37	94.63	0.002	239.37	7.59	freq
	2	0.005	239.37	94.63	0.002	239.37	5.92	qprm
	3	0.006	239.37	17.52	0.003	239.37	93.77	freq
	3	0.006	239.37	17.52	0.004	239.37	93.55	qprm
	4	0.013	239.37	89.35	0.005	239.37	177.66	freq
	4	0.013	239.37	89.35	0.005	239.37	177.81	qprm
247	1	0.005	239.37	100.98	0.000	239.37	135.08	freq
	1	0.005	239.37	100.96	0.000	239.37	135.08	qprm
	2	0.002	80.00	178.39	0.009	239.37	87.33	freq
	2	0.002	80.00	178.38	0.009	239.37	84.56	qprm
	3	0.002	239.37	167.27	0.013	239.37	46.36	freq
	3	0.002	239.37	167.17	0.014	239.37	46.65	qprm
	4	0.004	239.37	169.84	0.004	239.37	74.19	freq
	4	0.004	239.37	169.75	0.005	239.37	70.73	qprm
246	1	0.000	239.37	33.94	0.013	239.37	-57.60	freq
	1	0.000	239.37	34.03	0.014	239.37	-56.63	qprm
	2	0.004	239.37	1.29	0.012	239.37	93.01	freq
	2	0.004	239.37	1.29	0.012	239.37	93.01	qprm
	3	0.000	239.37	48.97	0.039	239.37	56.43	freq
	3	0.000	239.37	48.97	0.039	239.37	-48.45	qprm
	4	0.012	239.37	92.99	0.010	239.37	2.83	freq
	4	0.012	239.37	92.99	0.011	239.37	2.88	qprm
245	1	0.000	239.37	45.08	0.039	239.37	141.49	freq
	1	0.000	239.37	45.08	0.039	239.37	141.33	qprm
	2	0.004	239.37	93.28	0.014	239.37	0.94	freq
	2	0.004	239.37	93.28	0.014	239.37	0.92	qprm
	3	0.000	239.37	18.57	0.012	239.37	130.96	freq
	3	0.000	239.37	18.57	0.012	239.37	129.60	qprm
	4	0.008	239.37	1.46	0.008	239.37	91.50	freq
	4	0.008	239.37	1.46	0.009	239.37	91.43	qprm
244	1	0.000	239.37	-71.50	0.015	239.37	29.24	freq

	1	0.000	239.37	-71.50	0.015	239.37	28.50	qprm
	2	0.000	239.37	71.54	0.022	239.37	-40.94	freq
	2	0.000	239.37	71.54	0.023	239.37	-40.12	qprm
	3	0.007	239.37	47.03	0.008	239.37	-43.33	freq
	3	0.007	239.37	47.03	0.009	239.37	-41.73	qprm
	4	0.003	239.37	-86.82	0.003	239.37	4.25	freq
	4	0.003	239.37	-86.82	0.003	239.37	5.70	qprm
243	1	0.000	239.37	-68.84	0.020	239.37	-48.78	freq
	1	0.000	239.37	-68.84	0.021	239.37	-47.66	qprm
	2	0.004	239.37	5.76	0.019	239.37	-86.70	freq
	2	0.004	239.37	5.76	0.019	239.37	-86.70	qprm
	3	0.000	239.37	47.68	0.047	239.37	-53.01	freq
	3	0.000	239.37	47.68	0.047	239.37	-52.59	qprm
	4	0.010	239.37	91.51	0.012	239.37	-4.63	freq
	4	0.010	239.37	91.51	0.012	239.37	-5.24	qprm
242	1	0.000	239.37	134.94	0.047	239.37	34.48	freq
	1	0.000	239.37	134.94	0.047	239.37	34.87	qprm
	2	0.004	239.37	92.90	0.018	239.37	0.57	freq
	2	0.004	239.37	92.90	0.018	239.37	0.57	qprm
	3	0.000	239.37	161.45	0.017	239.37	152.63	freq
	3	0.000	239.37	161.45	0.017	239.37	150.75	qprm
	4	0.002	239.37	174.90	0.008	239.37	88.42	freq
	4	0.002	239.37	174.90	0.008	239.37	88.50	qprm
241	1	0.000	239.37	-71.56	0.018	239.37	-55.65	freq
	1	0.000	239.37	-71.56	0.018	239.37	-54.12	qprm
	2	0.000	239.37	71.48	0.017	239.37	-39.55	freq
	2	0.000	239.37	71.48	0.018	239.37	-38.17	qprm
	3	0.001	239.37	11.90	0.013	239.37	-52.18	freq
	3	0.001	239.37	11.90	0.013	239.37	-50.63	qprm
	4	0.000	239.37	44.96	0.005	239.37	70.16	freq
	4	0.000	239.37	44.96	0.006	239.37	65.18	qprm
240	1	0.000	239.37	-68.81	0.027	239.37	-70.06	freq
	1	0.000	239.37	-68.81	0.027	239.37	-68.90	qprm
	2	0.005	239.37	0.48	0.013	239.37	91.82	freq
	2	0.005	239.37	0.48	0.013	239.37	91.82	qprm
	3	0.000	239.37	-42.29	0.048	239.37	58.01	freq
	3	0.000	239.37	-42.29	0.049	239.37	57.64	qprm
	4	0.002	239.37	87.26	0.011	239.37	-22.55	freq
	4	0.002	239.37	87.26	0.012	239.37	-21.64	qprm
239	1	0.000	239.37	44.93	0.049	239.37	146.69	freq
	1	0.000	239.37	44.93	0.050	239.37	146.32	qprm
	2	0.006	239.37	87.82	0.026	239.37	179.48	freq
	2	0.006	239.37	87.82	0.026	239.37	179.48	qprm
	3	0.001	239.37	80.84	0.018	239.37	159.74	freq
	3	0.001	239.37	80.84	0.018	239.37	157.79	qprm
	4	0.003	239.37	4.13	0.013	239.37	100.74	freq
	4	0.003	239.37	4.16	0.013	239.37	100.83	qprm
238	1	0.000	239.37	42.28	0.039	239.37	-60.60	freq
	1	0.000	239.37	42.28	0.039	239.37	-60.05	qprm
	2	0.009	239.37	85.97	0.005	239.37	-4.98	freq
	2	0.009	239.37	85.97	0.006	239.37	-4.74	qprm
	3	0.027	239.37	-2.38	0.013	239.37	-91.85	freq
	3	0.027	239.37	-2.38	0.014	239.37	-91.86	qprm
	4	0.039	239.37	-2.42	0.016	239.37	-92.01	freq
	4	0.039	239.37	-2.42	0.017	239.37	-92.03	qprm
237	1	0.007	239.37	-83.17	0.007	239.37	6.76	freq
	1	0.007	239.37	-83.17	0.007	239.37	6.71	qprm
	2	0.000	239.37	50.08	0.038	239.37	61.83	freq
	2	0.000	239.37	50.08	0.038	239.37	61.47	qprm
	3	0.036	239.37	4.76	0.015	239.37	94.32	freq
	3	0.036	239.37	4.76	0.016	239.37	94.33	qprm
	4	0.019	239.37	4.48	0.009	239.37	93.77	freq
	4	0.019	239.37	4.48	0.009	239.37	93.81	qprm
236	1	0.004	239.37	89.82	0.002	239.37	-2.47	freq
	1	0.004	239.37	89.82	0.003	239.37	-1.02	qprm
	2	0.000	239.37	48.13	0.041	239.37	-61.21	freq
	2	0.000	239.37	48.13	0.042	239.37	-60.35	qprm
	3	0.039	239.37	2.83	0.021	239.37	92.57	freq
	3	0.039	239.37	2.83	0.021	239.37	92.57	qprm

	4	0.024	239.37	2.65	0.013	239.37	92.23	freq
	4	0.024	239.37	2.65	0.013	239.37	92.24	qprm
235	1	0.000	239.37	41.88	0.047	239.37	-63.02	freq
	1	0.000	239.37	41.88	0.048	239.37	-62.40	qprm
	2	0.004	239.37	71.85	0.010	239.37	-35.58	freq
	2	0.004	239.37	71.85	0.010	239.37	-33.56	qprm
	3	0.027	239.37	-2.68	0.022	239.37	-92.58	freq
	3	0.027	239.37	-2.68	0.022	239.37	-92.58	qprm
	4	0.042	239.37	-2.84	0.025	239.37	-92.65	freq
	4	0.042	239.37	-2.84	0.025	239.37	-92.65	qprm
234	1	0.000	239.37	-42.24	0.006	239.37	35.92	freq
	1	0.000	239.37	-42.24	0.006	239.37	32.77	qprm
	2	0.000	239.37	47.76	0.049	239.37	66.02	freq
	2	0.000	239.37	47.76	0.049	239.37	65.40	qprm
	3	0.035	239.37	2.43	0.029	239.37	92.35	freq
	3	0.035	239.37	2.43	0.029	239.37	92.35	qprm
	4	0.023	239.37	2.25	0.023	239.37	92.26	freq
	4	0.023	239.37	2.25	0.023	239.37	92.26	qprm
233	1	0.000	239.37	39.94	0.050	239.37	-64.96	freq
	1	0.000	239.37	39.94	0.050	239.37	-64.51	qprm
	2	0.000	239.37	39.94	0.012	239.37	-45.33	freq
	2	0.000	239.37	39.94	0.013	239.37	-43.72	qprm
	3	0.017	239.37	-4.38	0.020	239.37	-94.47	freq
	3	0.017	239.37	-4.38	0.020	239.37	-94.47	qprm
	4	0.035	239.37	-4.72	0.029	239.37	-94.66	freq
	4	0.035	239.37	-4.72	0.029	239.37	-94.66	qprm
232	1	0.025	239.37	179.39	0.033	239.37	269.51	freq
	1	0.025	239.37	179.39	0.033	239.37	269.51	qprm
	2	0.021	239.37	179.30	0.021	239.37	269.29	freq
	2	0.021	239.37	179.30	0.021	239.37	269.29	qprm
	3	0.028	239.37	179.43	0.020	239.37	269.27	freq
	3	0.028	239.37	179.43	0.020	239.37	269.27	qprm
	4	0.029	239.37	179.45	0.028	239.37	269.43	freq
	4	0.029	239.37	179.45	0.028	239.37	269.43	qprm
231	1	0.025	239.37	177.94	0.031	239.37	268.02	freq
	1	0.025	239.37	177.94	0.031	239.37	268.02	qprm
	2	0.028	239.37	177.98	0.034	239.37	268.05	freq
	2	0.028	239.37	177.98	0.034	239.37	268.05	qprm
	3	0.023	239.37	177.90	0.023	239.37	267.89	freq
	3	0.023	239.37	177.90	0.023	239.37	267.89	qprm
	4	0.021	239.37	177.84	0.020	239.37	267.83	freq
	4	0.021	239.37	177.84	0.020	239.37	267.83	qprm
230	1	0.022	239.37	179.18	0.018	239.37	269.06	freq
	1	0.022	239.37	179.18	0.018	239.37	269.06	qprm
	2	0.022	239.37	179.19	0.013	239.37	268.85	freq
	2	0.022	239.37	179.19	0.014	239.37	268.85	qprm
	3	0.028	239.37	180.12	0.013	239.37	90.62	freq
	3	0.028	239.37	180.12	0.013	239.37	90.61	qprm
	4	0.027	239.37	179.27	0.015	239.37	268.91	freq
	4	0.027	239.37	179.27	0.015	239.37	268.91	qprm
229	1	0.023	239.37	178.97	0.018	239.37	268.81	freq
	1	0.023	239.37	178.97	0.018	239.37	268.81	qprm
	2	0.025	239.37	179.93	0.020	239.37	90.05	freq
	2	0.025	239.37	179.93	0.020	239.37	90.05	qprm
	3	0.034	239.37	179.81	0.021	239.37	90.03	freq
	3	0.034	239.37	179.81	0.021	239.37	90.03	qprm
	4	0.031	239.37	179.85	0.018	239.37	90.13	freq
	4	0.031	239.37	179.85	0.018	239.37	90.13	qprm
228	1	0.028	239.37	-179.04	0.022	239.37	-268.92	freq
	1	0.028	239.37	-179.04	0.022	239.37	-268.92	qprm
	2	0.027	239.37	-179.01	0.014	239.37	-268.63	freq
	2	0.027	239.37	-179.01	0.014	239.37	-268.64	qprm
	3	0.031	239.37	-179.08	0.011	239.37	-268.43	freq
	3	0.031	239.37	-179.08	0.012	239.37	-268.44	qprm
	4	0.031	239.37	-179.08	0.017	239.37	-268.75	freq
	4	0.031	239.37	-179.08	0.017	239.37	-268.76	qprm
227	1	0.026	239.37	-179.29	0.008	239.37	-268.32	freq
	1	0.026	239.37	-179.29	0.008	239.37	-268.35	qprm
	2	0.026	239.37	-179.28	0.008	239.37	-268.26	freq

	2	0.026	239.37	-179.28	0.008	239.37	-268.29	qprm
	3	0.031	239.37	-179.36	0.006	239.37	-267.92	freq
	3	0.031	239.37	-179.36	0.007	239.37	-267.97	qprm
	4	0.032	239.37	-179.37	0.008	239.37	-268.30	freq
	4	0.032	239.37	-179.37	0.008	239.37	-268.32	qprm
226	1	0.025	239.37	-179.34	0.009	239.37	-268.58	freq
	1	0.025	239.37	-179.34	0.010	239.37	-268.61	qprm
	2	0.028	239.37	-179.40	0.020	239.37	-269.23	freq
	2	0.028	239.37	-179.40	0.020	239.37	-269.24	qprm
	3	0.033	239.37	-179.46	0.016	239.37	-269.07	freq
	3	0.033	239.37	-179.46	0.016	239.37	-269.09	qprm
	4	0.032	239.37	-179.45	0.010	239.37	-268.69	freq
	4	0.032	239.37	-179.45	0.011	239.37	-268.71	qprm
225	1	0.031	239.37	-178.03	0.021	239.37	-267.86	freq
	1	0.031	239.37	-178.03	0.022	239.37	-267.86	qprm
	2	0.028	239.37	-178.00	0.022	239.37	-267.87	freq
	2	0.028	239.37	-178.00	0.022	239.37	-267.88	qprm
	3	0.025	239.37	-177.94	0.011	239.37	-267.33	freq
	3	0.025	239.37	-177.94	0.011	239.37	-267.36	qprm
	4	0.028	239.37	-177.98	0.012	239.37	-267.39	freq
	4	0.028	239.37	-177.98	0.012	239.37	-267.42	qprm
224	1	0.008	239.37	50.93	0.003	239.37	-28.83	freq
	1	0.008	239.37	50.93	0.004	239.37	-26.63	qprm
	2	0.003	239.37	-38.42	0.000	239.37	45.16	freq
	2	0.003	239.37	-38.42	0.000	239.37	45.16	qprm
	3	0.020	239.37	0.75	0.005	239.37	-87.45	freq
	3	0.020	239.37	0.75	0.005	239.37	-87.51	qprm
	4	0.024	239.37	4.43	0.008	239.37	-88.30	freq
	4	0.024	239.37	4.43	0.008	239.37	-88.34	qprm
223	1	0.006	239.37	14.87	0.010	239.37	-61.96	freq
	1	0.006	239.37	14.87	0.010	239.37	-58.93	qprm
	2	0.000	239.37	44.80	0.007	239.37	80.44	freq
	2	0.000	239.37	44.80	0.007	239.37	75.05	qprm
	3	0.018	239.37	-0.83	0.015	239.37	89.00	freq
	3	0.018	239.37	-0.83	0.015	239.37	89.00	qprm
	4	0.022	239.37	0.33	0.015	239.37	-89.44	freq
	4	0.022	239.37	0.33	0.015	239.37	-89.44	qprm
222	1	0.009	239.37	-178.19	0.013	239.37	-89.35	freq
	1	0.009	239.37	-178.19	0.013	239.37	-89.35	qprm
	2	0.007	239.37	-2.00	0.010	239.37	-91.44	freq
	2	0.007	239.37	-2.00	0.010	239.37	-91.44	qprm
	3	0.000	239.37	-45.25	0.020	239.37	-123.06	freq
	3	0.000	239.37	-45.25	0.020	239.37	-123.06	qprm
	4	0.000	239.37	-45.25	0.028	239.37	-67.18	freq
	4	0.000	239.37	-45.25	0.028	239.37	-67.18	qprm
221	1	0.006	239.37	-42.89	0.004	239.37	-93.16	freq
	1	0.006	239.37	-42.89	0.004	239.37	-93.16	qprm
	2	0.003	239.37	-114.15	0.002	239.37	-119.03	freq
	2	0.003	239.37	-114.15	0.002	239.37	-119.03	qprm
	3	0.016	239.37	-89.38	0.020	239.37	-177.78	freq
	3	0.016	239.37	-89.38	0.020	239.37	-177.78	qprm
	4	0.008	239.37	-32.67	0.021	239.37	-130.72	freq
	4	0.008	239.37	-32.67	0.021	239.37	-130.34	qprm
220	1	0.007	239.37	-89.38	0.008	239.37	-178.44	freq
	1	0.007	239.37	-89.38	0.008	239.37	-178.44	qprm
	2	0.010	239.37	-102.66	0.009	239.37	-30.79	freq
	2	0.010	239.37	-102.65	0.009	239.37	-30.79	qprm
	3	0.020	239.37	-95.74	0.016	239.37	-0.62	freq
	3	0.020	239.37	-95.74	0.016	239.37	-0.62	qprm
	4	0.014	239.37	-89.07	0.010	239.37	-178.72	freq
	4	0.014	239.37	-89.07	0.010	239.37	-178.72	qprm
219	1	0.005	239.37	-141.07	0.008	239.37	-88.28	freq
	1	0.005	239.37	-141.09	0.008	239.37	-88.28	qprm
	2	0.007	239.37	-173.16	0.008	239.37	-88.30	freq
	2	0.007	239.37	-173.16	0.008	239.37	-88.30	qprm
	3	0.008	239.37	-172.30	0.027	239.37	-55.63	freq
	3	0.008	239.37	-172.30	0.027	239.37	-55.63	qprm
	4	0.016	239.37	-94.51	0.027	239.37	-21.95	freq
	4	0.016	239.37	-94.51	0.027	239.37	-21.95	qprm

218	1	0.001	239.37	101.82	0.040	239.37	217.13	freq
	1	0.001	239.37	101.92	0.040	239.37	217.13	qprm
	2	0.000	239.37	223.69	0.078	239.37	239.75	freq
	2	0.000	239.37	223.69	0.078	239.37	239.75	qprm
	3	0.027	239.37	178.27	0.038	239.37	268.38	freq
	3	0.027	239.37	178.27	0.038	239.37	268.38	qprm
	4	0.017	239.37	178.01	0.032	239.37	267.99	freq
	4	0.017	239.37	178.01	0.032	239.37	267.99	qprm
217	1	0.000	239.37	224.20	0.075	239.37	118.68	freq
	1	0.000	239.37	224.20	0.075	239.37	118.68	qprm
	2	0.000	239.37	224.20	0.036	239.37	151.66	freq
	2	0.000	239.37	224.20	0.036	239.37	151.81	qprm
	3	0.012	239.37	180.16	0.030	239.37	89.59	freq
	3	0.012	239.37	180.16	0.030	239.37	89.59	qprm
	4	0.026	239.37	178.74	0.036	239.37	268.88	freq
	4	0.026	239.37	178.74	0.036	239.37	268.88	qprm
216	1	0.000	239.37	223.88	0.027	239.37	157.03	freq
	1	0.000	239.37	223.88	0.027	239.37	157.17	qprm
	2	0.001	239.37	103.70	0.028	239.37	198.12	freq
	2	0.001	239.37	103.70	0.028	239.37	197.97	qprm
	3	0.010	239.37	177.74	0.020	239.37	268.29	freq
	3	0.010	239.37	177.74	0.020	239.37	268.29	qprm
	4	0.009	239.37	180.14	0.022	239.37	89.42	freq
	4	0.009	239.37	180.14	0.022	239.37	89.42	qprm
215	1	0.000	239.37	219.90	0.040	239.37	206.61	freq
	1	0.000	239.37	219.90	0.040	239.37	206.42	qprm
	2	0.000	239.37	219.90	0.061	239.37	116.60	freq
	2	0.000	239.37	219.90	0.061	239.37	116.82	qprm
	3	0.034	239.37	175.24	0.033	239.37	85.24	freq
	3	0.034	239.37	175.24	0.033	239.37	85.24	qprm
	4	0.013	239.37	175.77	0.028	239.37	85.31	freq
	4	0.013	239.37	175.77	0.028	239.37	85.31	qprm
214	1	0.000	239.37	213.56	0.072	239.37	119.12	freq
	1	0.000	239.37	213.56	0.072	239.37	119.21	qprm
	2	0.000	239.37	213.56	0.031	239.37	183.00	freq
	2	0.000	239.37	213.56	0.031	239.37	183.48	qprm
	3	0.034	239.37	195.32	0.018	239.37	86.80	freq
	3	0.034	239.37	195.32	0.018	239.37	87.50	qprm
	4	0.034	239.37	168.90	0.034	239.37	78.90	freq
	4	0.034	239.37	168.90	0.034	239.37	78.90	qprm
213	1	0.007	239.37	-80.33	0.029	239.37	-184.88	freq
	1	0.007	239.37	-80.33	0.030	239.37	-185.10	qprm
	2	0.006	239.37	-80.58	0.022	239.37	-169.22	freq
	2	0.006	239.37	-80.58	0.022	239.37	-169.22	qprm
	3	0.020	239.37	-184.17	0.017	239.37	-86.74	freq
	3	0.020	239.37	-184.17	0.017	239.37	-88.11	qprm
	4	0.028	239.37	-179.05	0.008	239.37	-80.06	freq
	4	0.028	239.37	-179.05	0.009	239.37	-80.03	qprm
212	1	0.000	239.37	-127.73	0.029	239.37	-157.62	freq
	1	0.000	239.37	-127.73	0.029	239.37	-157.25	qprm
	2	0.000	239.37	-217.73	0.055	239.37	-122.30	freq
	2	0.000	239.37	-217.73	0.055	239.37	-122.34	qprm
	3	0.028	239.37	-173.14	0.024	239.37	-83.22	freq
	3	0.028	239.37	-173.14	0.024	239.37	-83.22	qprm
	4	0.021	239.37	-173.28	0.020	239.37	-83.31	freq
	4	0.021	239.37	-173.28	0.020	239.37	-83.30	qprm
211	1	0.000	239.37	-132.13	0.065	239.37	-233.41	freq
	1	0.000	239.37	-132.13	0.065	239.37	-233.35	qprm
	2	0.007	239.37	-88.80	0.035	239.37	-208.03	freq
	2	0.007	239.37	-88.80	0.035	239.37	-208.35	qprm
	3	0.021	239.37	-176.56	0.022	239.37	-266.61	freq
	3	0.021	239.37	-176.56	0.023	239.37	-266.62	qprm
	4	0.028	239.37	-176.71	0.023	239.37	-266.62	freq
	4	0.028	239.37	-176.71	0.023	239.37	-266.63	qprm
210	1	0.011	239.37	-89.51	0.025	239.37	-205.95	freq
	1	0.011	239.37	-89.51	0.025	239.37	-206.78	qprm
	2	0.005	239.37	-127.13	0.009	239.37	-179.16	freq
	2	0.005	239.37	-127.13	0.009	239.37	-181.82	qprm
	3	0.009	239.37	-162.80	0.011	239.37	-226.92	freq

	3	0.009	239.37	-162.68	0.012	239.37	-228.37	qprm
	4	0.019	239.37	-161.26	0.022	239.37	-247.40	freq
	4	0.019	239.37	-161.26	0.022	239.37	-247.67	qprm
209	1	0.012	239.37	91.88	0.015	239.37	13.64	freq
	1	0.012	239.37	91.88	0.016	239.37	13.08	qprm
	2	0.008	239.37	91.07	0.009	239.37	180.30	freq
	2	0.008	239.37	91.07	0.010	239.37	180.37	qprm
	3	0.014	239.37	90.70	0.004	239.37	178.72	freq
	3	0.014	239.37	90.70	0.004	239.37	178.95	qprm
	4	0.021	239.37	107.67	0.010	239.37	2.67	freq
	4	0.021	239.37	107.79	0.011	239.37	2.63	qprm
208	1	0.004	239.37	86.61	0.006	239.37	175.56	freq
	1	0.004	239.37	86.61	0.006	239.37	175.70	qprm
	2	0.006	239.37	106.44	0.003	239.37	130.70	freq
	2	0.006	239.37	106.44	0.003	239.37	135.24	qprm
	3	0.011	239.37	14.12	0.017	239.37	114.74	freq
	3	0.011	239.37	14.12	0.017	239.37	115.82	qprm
	4	0.017	239.37	85.94	0.012	239.37	176.65	freq
	4	0.017	239.37	85.94	0.013	239.37	176.68	qprm
207	1	0.004	239.37	2.08	0.008	239.37	90.71	freq
	1	0.004	239.37	2.08	0.008	239.37	90.71	qprm
	2	0.007	239.37	158.87	0.012	239.37	88.22	freq
	2	0.007	239.37	158.87	0.012	239.37	88.22	qprm
	3	0.007	239.37	177.40	0.028	239.37	76.47	freq
	3	0.007	239.37	177.40	0.028	239.37	76.47	qprm
	4	0.004	239.37	2.36	0.017	239.37	115.09	freq
	4	0.004	239.37	2.36	0.017	239.37	115.09	qprm
206	1	0.008	239.37	98.45	0.042	239.37	-21.03	freq
	1	0.008	239.37	98.45	0.042	239.37	-21.03	qprm
	2	0.000	239.37	54.96	0.070	239.37	-46.68	freq
	2	0.000	239.37	54.96	0.070	239.37	-46.68	qprm
	3	0.000	239.37	54.96	0.069	239.37	61.75	freq
	3	0.000	239.37	54.96	0.069	239.37	62.12	qprm
	4	0.007	239.37	98.18	0.021	239.37	9.41	freq
	4	0.007	239.37	98.18	0.021	239.37	9.41	qprm
205	1	0.000	239.37	137.59	0.070	239.37	39.91	freq
	1	0.000	239.37	137.59	0.070	239.37	39.91	qprm
	2	0.000	239.37	137.59	0.069	239.37	144.96	freq
	2	0.000	239.37	137.59	0.069	239.37	144.96	qprm
	3	0.011	239.37	181.52	0.038	239.37	92.29	freq
	3	0.011	239.37	181.52	0.038	239.37	92.29	qprm
	4	0.019	239.37	181.99	0.039	239.37	87.01	freq
	4	0.019	239.37	181.99	0.039	239.37	87.01	qprm
204	1	0.011	239.37	89.18	0.037	239.37	-0.10	freq
	1	0.011	239.37	89.18	0.037	239.37	-0.10	qprm
	2	0.010	239.37	89.00	0.033	239.37	-0.15	freq
	2	0.010	239.37	89.00	0.033	239.37	-0.15	qprm
	3	0.005	239.37	-87.62	0.031	239.37	0.59	freq
	3	0.005	239.37	-87.62	0.031	239.37	0.59	qprm
	4	0.010	239.37	89.10	0.027	239.37	-0.22	freq
	4	0.010	239.37	89.10	0.027	239.37	-0.22	qprm
203	1	0.017	239.37	94.59	0.048	239.37	-2.41	freq
	1	0.017	239.37	94.59	0.048	239.37	-2.41	qprm
	2	0.000	239.37	50.29	0.075	239.37	-46.00	freq
	2	0.000	239.37	50.29	0.075	239.37	-46.00	qprm
	3	0.000	239.37	50.29	0.077	239.37	54.68	freq
	3	0.000	239.37	50.29	0.077	239.37	54.68	qprm
	4	0.008	239.37	93.83	0.036	239.37	4.97	freq
	4	0.008	239.37	93.83	0.036	239.37	4.97	qprm
202	1	0.000	239.37	44.86	0.076	239.37	39.46	freq
	1	0.000	239.37	134.86	0.076	239.37	39.46	qprm
	2	0.000	239.37	134.86	0.077	239.37	140.18	freq
	2	0.000	239.37	134.86	0.077	239.37	140.18	qprm
	3	0.003	239.37	3.76	0.043	239.37	93.08	freq
	3	0.003	239.37	3.76	0.043	239.37	93.08	qprm
	4	0.009	239.37	178.50	0.040	239.37	80.04	freq
	4	0.009	239.37	178.50	0.040	239.37	80.04	qprm
201	1	0.000	239.37	62.41	0.036	239.37	-0.52	freq
	1	0.000	239.37	62.41	0.036	239.37	-0.52	qprm

	2	0.000	239.37	44.80	0.039	239.37	10.39	freq
	2	0.000	239.37	44.80	0.039	239.37	10.39	qprm
	3	0.000	239.37	44.80	0.030	239.37	16.63	freq
	3	0.000	239.37	-45.20	0.030	239.37	16.63	qprm
	4	0.000	239.37	44.80	0.029	239.37	-9.02	freq
	4	0.000	239.37	44.80	0.029	239.37	-9.02	qprm
200	1	0.000	239.37	52.09	0.047	239.37	-11.85	freq
	1	0.000	239.37	52.09	0.047	239.37	-11.85	qprm
	2	0.000	239.37	52.09	0.090	239.37	62.05	freq
	2	0.000	239.37	52.09	0.090	239.37	62.05	qprm
	3	0.000	239.37	52.09	0.090	239.37	60.57	freq
	3	0.000	239.37	52.09	0.090	239.37	60.57	qprm
	4	0.000	239.37	52.09	0.036	239.37	15.63	freq
	4	0.000	239.37	52.09	0.036	239.37	15.63	qprm
199	1	0.000	239.37	134.68	0.077	239.37	29.66	freq
	1	0.000	239.37	134.68	0.077	239.37	29.66	qprm
	2	0.000	239.37	134.68	0.089	239.37	147.07	freq
	2	0.000	239.37	134.68	0.089	239.37	147.07	qprm
	3	0.000	239.37	134.68	0.038	239.37	109.70	freq
	3	0.000	239.37	134.68	0.038	239.37	109.70	qprm
	4	0.005	239.37	177.42	0.032	239.37	65.07	freq
	4	0.005	239.37	177.42	0.032	239.37	65.07	qprm
198	1	0.000	239.37	43.00	0.063	239.37	-58.67	freq
	1	0.000	239.37	43.00	0.063	239.37	-58.72	qprm
	2	0.007	239.37	86.39	0.030	239.37	-15.88	freq
	2	0.007	239.37	86.39	0.030	239.37	-15.88	qprm
	3	0.016	239.37	1.31	0.012	239.37	-91.06	freq
	3	0.016	239.37	1.31	0.012	239.37	-91.06	qprm
	4	0.028	239.37	-1.58	0.020	239.37	-91.41	freq
	4	0.028	239.37	-1.58	0.020	239.37	-91.42	qprm
197	1	0.040	239.37	55.80	0.008	239.37	123.93	freq
	1	0.039	239.37	55.75	0.008	239.37	123.93	qprm
	2	0.025	239.37	44.07	0.008	239.37	123.96	freq
	2	0.025	239.37	44.08	0.008	239.37	123.96	qprm
	3	0.028	239.37	53.13	0.012	239.37	123.50	freq
	3	0.028	239.37	53.07	0.012	239.37	123.50	qprm
196	1	0.007	239.37	-86.00	0.033	239.37	15.53	freq
	1	0.007	239.37	-86.00	0.033	239.37	15.53	qprm
	2	0.000	239.37	-42.57	0.068	239.37	55.28	freq
	2	0.000	239.37	-42.57	0.068	239.37	55.31	qprm
	3	0.034	239.37	2.08	0.028	239.37	92.01	freq
	3	0.034	239.37	2.08	0.028	239.37	92.01	qprm
	4	0.014	239.37	1.57	0.024	239.37	91.94	freq
	4	0.014	239.37	1.57	0.024	239.37	91.94	qprm
195	1	0.000	239.37	34.70	0.074	239.37	-59.59	freq
	1	0.000	239.37	34.70	0.074	239.37	-59.62	qprm
	2	0.000	239.37	34.70	0.024	239.37	-25.19	freq
	2	0.000	239.37	34.70	0.024	239.37	-25.19	qprm
	3	0.023	239.37	-9.79	0.030	239.37	-89.04	freq
	3	0.023	239.37	-9.79	0.030	239.37	-89.04	qprm
	4	0.038	239.37	-9.99	0.038	239.37	-99.99	freq
	4	0.038	239.37	-9.99	0.038	239.37	-99.99	qprm
194	1	0.000	239.37	51.90	0.036	239.37	41.03	freq
	1	0.000	239.37	51.90	0.036	239.37	41.03	qprm
	2	0.000	239.37	51.90	0.081	239.37	65.33	freq
	2	0.000	239.37	51.90	0.081	239.37	65.26	qprm
	3	0.040	239.37	6.61	0.042	239.37	96.62	freq
	3	0.040	239.37	6.61	0.042	239.37	96.62	qprm
	4	0.027	239.37	6.46	0.036	239.37	96.52	freq
	4	0.027	239.37	6.46	0.036	239.37	96.52	qprm
193	1	0.000	239.37	32.70	0.088	239.37	-65.53	freq
	1	0.000	239.37	32.70	0.088	239.37	-65.53	qprm
	2	0.006	239.37	75.69	0.038	239.37	-39.71	freq
	2	0.006	239.37	75.69	0.038	239.37	-39.71	qprm
	3	0.023	239.37	13.08	0.030	239.37	-72.28	freq
	3	0.023	239.37	13.08	0.030	239.37	-72.28	qprm
	4	0.042	239.37	-11.99	0.044	239.37	-99.89	freq
	4	0.042	239.37	-11.99	0.044	239.37	-99.89	qprm
192	1	0.023	239.37	179.44	0.035	239.37	89.26	freq

	1	0.023	239.37	179.44	0.035	239.37	89.26	qprm
	2	0.021	239.37	179.47	0.025	239.37	89.39	freq
	2	0.021	239.37	179.47	0.025	239.37	89.39	qprm
	3	0.023	239.37	179.44	0.025	239.37	89.40	freq
	3	0.023	239.37	179.44	0.025	239.37	89.40	qprm
	4	0.024	239.37	178.43	0.031	239.37	268.55	freq
	4	0.024	239.37	178.43	0.031	239.37	268.55	qprm
191	1	0.016	239.37	175.12	0.025	239.37	265.40	freq
	1	0.016	239.37	175.12	0.025	239.37	265.40	qprm
	2	0.021	239.37	176.41	0.030	239.37	86.25	freq
	2	0.021	239.37	176.41	0.030	239.37	86.25	qprm
	3	0.030	239.37	176.25	0.038	239.37	86.17	freq
	3	0.030	239.37	176.25	0.038	239.37	86.17	qprm
	4	0.022	239.37	176.39	0.025	239.37	86.33	freq
	4	0.022	239.37	176.39	0.025	239.37	86.33	qprm
190	1	0.022	239.37	178.05	0.022	239.37	88.05	freq
	1	0.022	239.37	178.05	0.022	239.37	88.05	qprm
	2	0.022	239.37	178.05	0.018	239.37	88.19	freq
	2	0.022	239.37	178.05	0.018	239.37	88.19	qprm
	3	0.024	239.37	178.02	0.019	239.37	88.13	freq
	3	0.024	239.37	178.02	0.019	239.37	88.13	qprm
	4	0.025	239.37	178.00	0.023	239.37	88.04	freq
	4	0.025	239.37	178.00	0.023	239.37	88.04	qprm
189	1	0.029	239.37	172.03	0.031	239.37	82.01	freq
	1	0.029	239.37	172.03	0.031	239.37	82.01	qprm
	2	0.031	239.37	172.00	0.028	239.37	82.04	freq
	2	0.031	239.37	172.00	0.028	239.37	82.04	qprm
	3	0.038	239.37	171.93	0.035	239.37	81.95	freq
	3	0.038	239.37	171.93	0.036	239.37	81.95	qprm
	4	0.033	239.37	171.98	0.030	239.37	82.01	freq
	4	0.033	239.37	171.98	0.030	239.37	82.01	qprm
188	1	0.037	239.37	167.21	0.042	239.37	83.76	freq
	1	0.037	239.37	167.27	0.042	239.37	83.51	qprm
	2	0.043	239.37	191.13	0.012	239.37	75.91	freq
	2	0.043	239.37	191.18	0.012	239.37	75.87	qprm
	3	0.028	239.37	173.83	0.026	239.37	80.50	freq
	3	0.028	239.37	173.75	0.026	239.37	80.64	qprm
	4	0.039	239.37	177.74	0.031	239.37	77.81	freq
	4	0.039	239.37	177.76	0.031	239.37	77.58	qprm
187	1	0.038	239.37	-181.43	0.019	239.37	-73.78	freq
	1	0.038	239.37	-181.47	0.019	239.37	-73.77	qprm
	2	0.037	239.37	-183.97	0.018	239.37	-73.80	freq
	2	0.037	239.37	-184.04	0.019	239.37	-73.78	qprm
	3	0.031	239.37	-173.43	0.024	239.37	-73.65	freq
	3	0.031	239.37	-173.46	0.024	239.37	-73.65	qprm
	4	0.027	239.37	-183.28	0.014	239.37	-74.00	freq
	4	0.027	239.37	-183.25	0.014	239.37	-74.00	qprm
186	1	0.038	239.37	-190.63	0.015	239.37	-77.97	freq
	1	0.038	239.37	-190.68	0.015	239.37	-77.01	qprm
	2	0.031	239.37	-182.16	0.030	239.37	-91.84	freq
	2	0.031	239.37	-182.19	0.030	239.37	-91.66	qprm
	3	0.038	239.37	-195.56	0.015	239.37	-91.18	freq
	3	0.038	239.37	-195.59	0.015	239.37	-90.98	qprm
	4	0.033	239.37	-182.19	0.034	239.37	-93.34	freq
	4	0.033	239.37	-182.24	0.035	239.37	-93.11	qprm
185	1	0.025	239.37	-178.01	0.020	239.37	-267.90	freq
	1	0.025	239.37	-178.01	0.021	239.37	-267.90	qprm
	2	0.020	239.37	-177.90	0.019	239.37	-267.85	freq
	2	0.020	239.37	-177.90	0.019	239.37	-267.86	qprm
	3	0.017	239.37	-179.17	0.005	239.37	-90.81	freq
	3	0.017	239.37	-179.17	0.005	239.37	-90.60	qprm
	4	0.026	239.37	-178.91	0.018	239.37	-89.13	freq
	4	0.026	239.37	-178.91	0.018	239.37	-89.12	qprm
184	1	0.011	239.37	88.82	0.021	239.37	-0.70	freq
	1	0.011	239.37	88.82	0.021	239.37	-0.70	qprm
	2	0.009	239.37	-88.88	0.022	239.37	11.29	freq
	2	0.009	239.37	-88.88	0.022	239.37	11.29	qprm
	3	0.011	239.37	-1.21	0.012	239.37	88.89	freq
	3	0.011	239.37	-1.21	0.012	239.37	88.89	qprm

	4	0.007	239.37	27.13	0.009	239.37	-59.10	freq
	4	0.007	239.37	27.19	0.009	239.37	-59.46	qprm
183	1	0.000	239.37	43.47	0.020	239.37	-25.19	freq
	1	0.000	239.37	43.47	0.020	239.37	-25.17	qprm
	2	0.000	239.37	43.47	0.024	239.37	35.42	freq
	2	0.000	239.37	43.47	0.024	239.37	35.24	qprm
	3	0.016	239.37	-2.28	0.023	239.37	87.96	freq
	3	0.016	239.37	-2.28	0.023	239.37	87.96	qprm
	4	0.016	239.37	-0.81	0.023	239.37	-91.02	freq
	4	0.016	239.37	-0.81	0.023	239.37	-91.02	qprm
182	1	0.032	239.37	-190.80	0.039	239.37	-102.21	freq
	1	0.032	239.37	-190.80	0.039	239.37	-102.31	qprm
	2	0.048	239.37	-214.24	0.026	239.37	-138.25	freq
	2	0.048	239.37	-214.24	0.026	239.37	-137.80	qprm
	3	0.000	239.37	-109.08	0.064	239.37	-113.01	freq
	3	0.000	239.37	-109.08	0.065	239.37	-113.10	qprm
181	1	0.043	239.37	-180.74	0.024	239.37	-81.09	freq
	1	0.043	239.37	-180.74	0.025	239.37	-81.08	qprm
	2	0.027	239.37	-200.10	0.013	239.37	-91.87	freq
	2	0.027	239.37	-200.10	0.013	239.37	-92.32	qprm
	3	0.007	239.37	-258.99	0.029	239.37	-147.10	freq
	3	0.007	239.37	-258.99	0.030	239.37	-146.64	qprm
	4	0.000	239.37	-215.61	0.066	239.37	-116.97	freq
	4	0.000	239.37	-215.61	0.067	239.37	-116.93	qprm
180	1	0.008	239.37	-178.80	0.011	239.37	-89.21	freq
	1	0.008	239.37	-178.80	0.011	239.37	-89.21	qprm
	2	0.007	239.37	-2.42	0.012	239.37	-91.20	freq
	2	0.007	239.37	-2.42	0.012	239.37	-91.20	qprm
	3	0.002	239.37	-6.41	0.024	239.37	-125.42	freq
	3	0.002	239.37	-6.41	0.024	239.37	-125.42	qprm
	4	0.000	239.37	-45.25	0.024	239.37	-70.62	freq
	4	0.000	239.37	-45.25	0.024	239.37	-70.62	qprm
179	1	0.008	239.37	-129.36	0.007	239.37	-91.80	freq
	1	0.008	239.37	-129.36	0.007	239.37	-91.80	qprm
	2	0.005	239.37	-111.34	0.006	239.37	-129.46	freq
	2	0.005	239.37	-111.34	0.006	239.37	-129.46	qprm
	3	0.018	239.37	-89.47	0.022	239.37	-172.23	freq
	3	0.018	239.37	-89.47	0.022	239.37	-172.23	qprm
	4	0.011	239.37	-37.62	0.025	239.37	-131.88	freq
	4	0.011	239.37	-37.62	0.025	239.37	-131.88	qprm
178	1	0.009	239.37	-89.42	0.010	239.37	-174.47	freq
	1	0.009	239.37	-89.45	0.010	239.37	-174.47	qprm
	2	0.008	239.37	-101.81	0.006	239.37	-25.16	freq
	2	0.008	239.37	-101.81	0.006	239.37	-25.16	qprm
	3	0.017	239.37	-90.88	0.014	239.37	-0.75	freq
	3	0.017	239.37	-90.88	0.014	239.37	-0.75	qprm
	4	0.016	239.37	-89.16	0.012	239.37	-178.93	freq
	4	0.016	239.37	-89.16	0.012	239.37	-178.93	qprm
177	1	0.003	239.37	-176.89	0.005	239.37	-87.62	freq
	1	0.003	239.37	-176.88	0.005	239.37	-87.62	qprm
	2	0.006	239.37	-177.82	0.004	239.37	-87.10	freq
	2	0.006	239.37	-177.82	0.004	239.37	-87.10	qprm
	3	0.005	239.37	-177.32	0.024	239.37	-59.48	freq
	3	0.005	239.37	-177.32	0.024	239.37	-59.48	qprm
	4	0.014	239.37	-90.60	0.024	239.37	-19.01	freq
	4	0.014	239.37	-90.60	0.024	239.37	-19.01	qprm
176	1	0.002	239.37	94.45	0.037	239.37	210.77	freq
	1	0.002	239.37	94.47	0.037	239.37	210.77	qprm
	2	0.000	239.37	223.78	0.077	239.37	240.06	freq
	2	0.000	239.37	223.78	0.077	239.37	240.06	qprm
	3	0.026	239.37	179.23	0.037	239.37	89.10	freq
	3	0.026	239.37	179.23	0.037	239.37	89.10	qprm
	4	0.014	239.37	177.93	0.029	239.37	268.38	freq
	4	0.014	239.37	177.93	0.029	239.37	268.38	qprm
175	1	0.000	239.37	224.47	0.079	239.37	120.44	freq
	1	0.000	239.37	224.47	0.079	239.37	120.61	qprm
	2	0.000	239.37	224.47	0.041	239.37	153.92	freq
	2	0.000	239.37	224.47	0.041	239.37	154.12	qprm
	3	0.012	239.37	180.44	0.031	239.37	89.84	freq

	3	0.012	239.37	180.44	0.031	239.37	89.84	qprm
	4	0.023	239.37	179.98	0.034	239.37	89.81	freq
	4	0.023	239.37	179.98	0.034	239.37	89.81	qprm
174	1	0.000	239.37	237.37	0.031	239.37	159.73	freq
	1	0.000	239.37	237.09	0.032	239.37	159.90	qprm
	2	0.002	239.37	96.72	0.030	239.37	192.16	freq
	2	0.002	239.37	96.72	0.030	239.37	192.04	qprm
	3	0.009	239.37	178.03	0.019	239.37	268.78	freq
	3	0.009	239.37	178.03	0.019	239.37	268.78	qprm
	4	0.009	239.37	180.62	0.023	239.37	94.98	freq
	4	0.009	239.37	180.62	0.023	239.37	94.98	qprm
173	1	0.002	239.37	-262.08	0.038	239.37	-164.07	freq
	1	0.002	239.37	-262.08	0.038	239.37	-164.23	qprm
	2	0.000	239.37	-134.81	0.069	239.37	-127.16	freq
	2	0.000	239.37	-134.81	0.069	239.37	-127.16	qprm
	3	0.023	239.37	-180.32	0.025	239.37	-90.26	freq
	3	0.023	239.37	-180.32	0.025	239.37	-90.26	qprm
	4	0.012	239.37	-180.81	0.024	239.37	-90.29	freq
	4	0.012	239.37	-180.81	0.024	239.37	-90.29	qprm
172	1	0.000	239.37	-133.73	0.067	239.37	-230.77	freq
	1	0.000	239.37	-133.73	0.067	239.37	-230.58	qprm
	2	0.013	239.37	-89.64	0.040	239.37	-193.16	freq
	2	0.013	239.37	-89.64	0.040	239.37	-193.47	qprm
	3	0.005	239.37	-176.54	0.020	239.37	-268.13	freq
	3	0.005	239.37	-176.54	0.020	239.37	-268.14	qprm
	4	0.025	239.37	-179.19	0.028	239.37	-89.15	freq
	4	0.025	239.37	-179.19	0.028	239.37	-89.15	qprm
171	1	0.014	239.37	-88.93	0.027	239.37	-188.46	freq
	1	0.014	239.37	-88.93	0.028	239.37	-189.08	qprm
	2	0.015	239.37	-88.86	0.025	239.37	-178.56	freq
	2	0.015	239.37	-88.86	0.026	239.37	-178.54	qprm
	3	0.004	239.37	-265.49	0.003	239.37	-173.43	freq
	3	0.004	239.37	-265.49	0.003	239.37	-174.37	qprm
	4	0.009	239.37	-176.77	0.018	239.37	-260.46	freq
	4	0.009	239.37	-176.77	0.018	239.37	-258.56	qprm
170	1	0.000	239.37	-9.91	0.050	239.37	-119.26	freq
	1	0.000	239.37	-9.91	0.050	239.37	-119.26	qprm
	2	0.011	239.37	-53.84	0.015	239.37	-144.14	freq
	2	0.011	239.37	-53.84	0.015	239.37	-144.14	qprm
	3	0.033	239.37	-130.55	0.013	239.37	-54.04	freq
	3	0.033	239.37	-130.55	0.014	239.37	-54.06	qprm
	4	0.016	239.37	-144.33	0.016	239.37	-52.84	freq
	4	0.016	239.37	-144.32	0.016	239.37	-53.65	qprm
169	1	0.000	239.37	-125.41	0.063	239.37	-112.20	freq
	1	0.000	239.37	-125.41	0.064	239.37	-112.54	qprm
	2	0.000	239.37	-125.41	0.033	239.37	-215.12	freq
	2	0.000	239.37	-125.41	0.033	239.37	-214.89	qprm
	3	0.013	239.37	-169.48	0.011	239.37	-259.38	freq
	3	0.013	239.37	-169.48	0.012	239.37	-259.40	qprm
	4	0.031	239.37	-170.78	0.025	239.37	-80.88	freq
	4	0.031	239.37	-170.78	0.025	239.37	-80.87	qprm
168	1	0.005	239.37	-86.17	0.020	239.37	-197.86	freq
	1	0.005	239.37	-86.17	0.020	239.37	-198.37	qprm
	2	0.003	239.37	-86.49	0.005	239.37	-176.17	freq
	2	0.003	239.37	-86.49	0.005	239.37	-176.11	qprm
	3	0.003	239.37	-157.79	0.005	239.37	-222.48	freq
	3	0.003	239.37	-157.79	0.006	239.37	-223.36	qprm
	4	0.014	239.37	-172.83	0.013	239.37	-262.75	freq
	4	0.014	239.37	-172.83	0.013	239.37	-262.78	qprm
167	1	0.006	239.37	93.73	0.008	239.37	4.55	freq
	1	0.006	239.37	93.73	0.009	239.37	5.69	qprm
	2	0.009	239.37	92.57	0.011	239.37	182.20	freq
	2	0.009	239.37	92.57	0.012	239.37	182.22	qprm
	3	0.011	239.37	85.88	0.006	239.37	181.02	freq
	3	0.011	239.37	85.88	0.006	239.37	181.11	qprm
	4	0.013	239.37	105.22	0.004	239.37	5.89	freq
	4	0.013	239.37	105.22	0.004	239.37	5.66	qprm
166	1	0.007	239.37	85.41	0.009	239.37	164.06	freq
	1	0.007	239.37	85.41	0.009	239.37	164.57	qprm

	2	0.008	239.37	69.27	0.009	239.37	134.84	freq
	2	0.008	239.37	69.27	0.009	239.37	136.19	qprm
	3	0.012	239.37	25.39	0.020	239.37	121.65	freq
	3	0.012	239.37	25.39	0.020	239.37	122.29	qprm
	4	0.017	239.37	77.74	0.014	239.37	175.12	freq
	4	0.017	239.37	77.74	0.014	239.37	175.12	qprm
165	1	0.006	239.37	37.38	0.010	239.37	88.96	freq
	1	0.006	239.37	37.38	0.010	239.37	88.96	qprm
	2	0.005	239.37	175.22	0.009	239.37	86.49	freq
	2	0.005	239.37	175.22	0.009	239.37	86.49	qprm
	3	0.000	239.37	132.78	0.022	239.37	83.04	freq
	3	0.000	239.37	132.78	0.022	239.37	83.04	qprm
	4	0.006	239.37	8.41	0.021	239.37	123.68	freq
	4	0.006	239.37	8.41	0.021	239.37	123.68	qprm
164	1	0.005	239.37	96.56	0.036	239.37	-14.83	freq
	1	0.005	239.37	96.56	0.036	239.37	-14.83	qprm
	2	0.000	239.37	-35.98	0.069	239.37	66.73	freq
	2	0.000	239.37	-35.98	0.070	239.37	66.89	qprm
	3	0.000	239.37	-35.98	0.071	239.37	58.26	freq
	3	0.000	239.37	-35.98	0.072	239.37	58.50	qprm
	4	0.009	239.37	-79.68	0.024	239.37	9.50	freq
	4	0.009	239.37	-79.68	0.024	239.37	9.50	qprm
163	1	0.002	239.37	-185.88	0.058	239.37	-86.53	freq
	1	0.002	239.37	-185.88	0.058	239.37	-86.53	qprm
	2	0.012	239.37	-54.84	0.016	239.37	-144.58	freq
	2	0.012	239.37	-54.74	0.016	239.37	-144.58	qprm
	3	0.000	239.37	-56.50	0.071	239.37	-152.19	freq
	3	0.000	239.37	-56.50	0.071	239.37	-152.19	qprm
	4	0.000	239.37	-56.50	0.059	239.37	-151.54	freq
	4	0.000	239.37	-56.50	0.059	239.37	-151.54	qprm
162	1	0.015	239.37	94.27	0.042	239.37	4.77	freq
	1	0.015	239.37	94.27	0.042	239.37	4.77	qprm
	2	0.006	239.37	93.01	0.026	239.37	4.61	freq
	2	0.006	239.37	93.01	0.026	239.37	4.61	qprm
	3	0.000	239.37	50.05	0.031	239.37	16.31	freq
	3	0.000	239.37	50.05	0.031	239.37	16.31	qprm
	4	0.011	239.37	93.95	0.019	239.37	4.43	freq
	4	0.011	239.37	93.95	0.019	239.37	4.43	qprm
161	1	0.011	239.37	99.55	0.041	239.37	-7.32	freq
	1	0.011	239.37	99.55	0.041	239.37	-7.32	qprm
	2	0.000	239.37	55.58	0.075	239.37	63.66	freq
	2	0.000	239.37	55.58	0.075	239.37	63.66	qprm
	3	0.000	239.37	55.58	0.074	239.37	58.41	freq
	3	0.000	239.37	55.58	0.074	239.37	58.41	qprm
	4	0.001	239.37	92.55	0.039	239.37	8.85	freq
	4	0.001	239.37	92.55	0.039	239.37	8.85	qprm
160	1	0.000	239.37	134.86	0.072	239.37	36.75	freq
	1	0.000	239.37	134.86	0.072	239.37	36.75	qprm
	2	0.000	239.37	44.86	0.075	239.37	143.67	freq
	2	0.000	239.37	44.86	0.075	239.37	143.67	qprm
	3	0.000	239.37	134.86	0.039	239.37	98.31	freq
	3	0.000	239.37	134.86	0.039	239.37	98.31	qprm
	4	0.006	239.37	177.87	0.037	239.37	76.26	freq
	4	0.006	239.37	177.87	0.037	239.37	76.26	qprm
159	1	0.000	239.37	44.90	0.034	239.37	-5.11	freq
	1	0.000	239.37	44.90	0.034	239.37	-5.11	qprm
	2	0.000	239.37	44.90	0.035	239.37	11.62	freq
	2	0.000	239.37	-45.10	0.035	239.37	11.62	qprm
	3	0.000	239.37	44.90	0.027	239.37	18.26	freq
	3	0.000	239.37	44.90	0.027	239.37	18.26	qprm
	4	0.000	239.37	44.90	0.028	239.37	-12.09	freq
	4	0.000	239.37	44.90	0.028	239.37	-12.09	qprm
158	1	0.000	239.37	52.21	0.047	239.37	-16.49	freq
	1	0.000	239.37	52.21	0.047	239.37	-16.49	qprm
	2	0.000	239.37	52.21	0.088	239.37	64.54	freq
	2	0.000	239.37	52.21	0.088	239.37	64.54	qprm
	3	0.000	239.37	52.21	0.087	239.37	63.00	freq
	3	0.000	239.37	52.21	0.087	239.37	63.00	qprm
	4	0.000	239.37	52.21	0.033	239.37	17.53	freq

	4	0.000	239.37	52.21	0.033	239.37	17.53	qprm
157	1	0.000	239.37	134.68	0.080	239.37	29.60	freq
	1	0.000	239.37	134.68	0.080	239.37	29.60	qprm
	2	0.000	239.37	134.68	0.085	239.37	148.82	freq
	2	0.000	239.37	44.68	0.085	239.37	148.82	qprm
	3	0.000	239.37	44.68	0.034	239.37	106.43	freq
	3	0.000	239.37	134.68	0.034	239.37	106.43	qprm
	4	0.007	239.37	178.11	0.036	239.37	62.35	freq
	4	0.007	239.37	178.11	0.036	239.37	62.35	qprm
156	1	0.046	239.37	-36.64	0.006	239.37	37.87	freq
	1	0.046	239.37	-36.64	0.007	239.37	37.72	qprm
	2	0.033	239.37	-51.15	0.010	239.37	37.18	freq
	2	0.033	239.37	-51.15	0.010	239.37	37.16	qprm
	3	0.009	239.37	124.69	0.013	239.37	31.48	freq
	3	0.009	239.37	124.69	0.014	239.37	29.49	qprm
	4	0.000	239.37	-9.03	0.043	239.37	-2.35	freq
	4	0.000	239.37	-9.03	0.044	239.37	-2.60	qprm
155	1	0.047	239.37	-92.79	0.017	239.37	9.14	freq
	1	0.047	239.37	-92.79	0.018	239.37	9.17	qprm
	2	0.000	239.37	-35.18	0.040	239.37	-61.90	freq
	2	0.000	239.37	-35.18	0.041	239.37	-61.60	qprm
	3	0.000	239.37	-35.18	0.059	239.37	-29.15	freq
	3	0.000	239.37	-35.18	0.059	239.37	-29.37	qprm
	4	0.024	239.37	-80.67	0.026	239.37	9.38	freq
	4	0.024	239.37	-80.67	0.027	239.37	9.39	qprm
154	1	0.000	239.37	58.29	0.031	239.37	39.65	freq
	1	0.000	239.37	58.29	0.031	239.37	39.52	qprm
	2	0.000	239.37	58.29	0.072	239.37	63.76	freq
	2	0.000	239.37	58.29	0.072	239.37	63.76	qprm
	3	0.042	239.37	3.07	0.034	239.37	102.95	freq
	3	0.042	239.37	3.07	0.034	239.37	102.95	qprm
	4	0.031	239.37	-15.73	0.025	239.37	78.06	freq
	4	0.031	239.37	-15.73	0.025	239.37	77.60	qprm
153	1	0.000	239.37	37.86	0.071	239.37	-61.73	freq
	1	0.000	239.37	37.86	0.071	239.37	-61.83	qprm
	2	0.000	239.37	37.86	0.028	239.37	-33.25	freq
	2	0.000	239.37	37.86	0.028	239.37	-33.08	qprm
	3	0.025	239.37	-6.68	0.030	239.37	-96.76	freq
	3	0.025	239.37	-6.68	0.030	239.37	-96.76	qprm
	4	0.040	239.37	-6.85	0.033	239.37	-96.79	freq
	4	0.040	239.37	-6.85	0.033	239.37	-96.79	qprm
152	1	0.000	239.37	52.59	0.034	239.37	44.32	freq
	1	0.000	239.37	52.59	0.034	239.37	44.32	qprm
	2	0.000	239.37	52.59	0.080	239.37	67.68	freq
	2	0.000	239.37	52.59	0.080	239.37	67.61	qprm
	3	0.040	239.37	7.30	0.041	239.37	97.31	freq
	3	0.040	239.37	7.30	0.041	239.37	97.31	qprm
	4	0.027	239.37	7.15	0.036	239.37	97.26	freq
	4	0.027	239.37	7.15	0.036	239.37	97.26	qprm
151	1	0.000	239.37	32.82	0.090	239.37	-64.24	freq
	1	0.000	239.37	32.82	0.090	239.37	-64.24	qprm
	2	0.009	239.37	76.56	0.042	239.37	-38.19	freq
	2	0.009	239.37	76.56	0.042	239.37	-38.19	qprm
	3	0.025	239.37	18.84	0.032	239.37	-67.92	freq
	3	0.025	239.37	18.84	0.032	239.37	-67.92	qprm
	4	0.042	239.37	-8.57	0.044	239.37	-96.83	freq
	4	0.042	239.37	-8.57	0.044	239.37	-96.83	qprm
150	1	0.022	239.37	180.29	0.035	239.37	90.11	freq
	1	0.022	239.37	180.29	0.035	239.37	90.11	qprm
	2	0.021	239.37	180.33	0.026	239.37	90.23	freq
	2	0.021	239.37	180.33	0.026	239.37	90.23	qprm
	3	0.023	239.37	180.27	0.025	239.37	90.25	freq
	3	0.023	239.37	180.27	0.025	239.37	90.25	qprm
	4	0.024	239.37	180.27	0.032	239.37	90.14	freq
	4	0.024	239.37	180.27	0.032	239.37	90.14	qprm
149	1	0.013	239.37	175.20	0.023	239.37	265.58	freq
	1	0.013	239.37	175.20	0.023	239.37	265.58	qprm
	2	0.022	239.37	176.63	0.031	239.37	86.47	freq
	2	0.022	239.37	176.63	0.031	239.37	86.47	qprm

	3	0.031	239.37	176.47	0.039	239.37	86.39	freq
	3	0.031	239.37	176.47	0.039	239.37	86.39	qprm
	4	0.023	239.37	176.59	0.026	239.37	86.54	freq
	4	0.023	239.37	176.59	0.026	239.37	86.54	qprm
148	1	0.021	239.37	179.80	0.021	239.37	89.79	freq
	1	0.021	239.37	179.80	0.021	239.37	89.79	qprm
	2	0.021	239.37	179.81	0.017	239.37	89.92	freq
	2	0.021	239.37	179.81	0.017	239.37	89.92	qprm
	3	0.024	239.37	179.74	0.019	239.37	89.87	freq
	3	0.024	239.37	179.74	0.019	239.37	89.87	qprm
	4	0.025	239.37	179.71	0.023	239.37	89.76	freq
	4	0.025	239.37	179.71	0.023	239.37	89.76	qprm
147	1	0.022	239.37	-180.27	0.020	239.37	-90.30	freq
	1	0.022	239.37	-180.27	0.020	239.37	-90.30	qprm
	2	0.024	239.37	-180.22	0.026	239.37	-90.18	freq
	2	0.024	239.37	-180.22	0.026	239.37	-90.18	qprm
	3	0.026	239.37	-179.27	0.024	239.37	-269.24	freq
	3	0.026	239.37	-179.27	0.024	239.37	-269.24	qprm
	4	0.024	239.37	-179.24	0.021	239.37	-269.16	freq
	4	0.024	239.37	-179.24	0.021	239.37	-269.16	qprm
146	1	0.024	239.37	-177.05	0.025	239.37	-87.05	freq
	1	0.024	239.37	-177.05	0.025	239.37	-87.05	qprm
	2	0.021	239.37	-177.14	0.019	239.37	-87.19	freq
	2	0.021	239.37	-177.14	0.019	239.37	-87.19	qprm
	3	0.027	239.37	-177.00	0.021	239.37	-87.14	freq
	3	0.027	239.37	-177.00	0.021	239.37	-87.13	qprm
	4	0.031	239.37	-176.95	0.029	239.37	-86.98	freq
	4	0.031	239.37	-176.95	0.029	239.37	-86.98	qprm
145	1	0.019	239.37	-176.29	0.007	239.37	-265.28	freq
	1	0.019	239.37	-176.29	0.007	239.37	-265.30	qprm
	2	0.003	239.37	-181.20	0.014	239.37	-87.73	freq
	2	0.003	239.37	-181.20	0.014	239.37	-87.62	qprm
	3	0.034	239.37	-177.23	0.016	239.37	-87.63	freq
	3	0.034	239.37	-177.23	0.016	239.37	-87.61	qprm
	4	0.025	239.37	-177.35	0.021	239.37	-87.45	freq
	4	0.025	239.37	-177.35	0.021	239.37	-87.44	qprm
144	1	0.000	239.37	-24.77	0.059	239.37	-26.72	freq
	1	0.000	239.37	-24.77	0.060	239.37	-26.68	qprm
	2	0.033	239.37	-110.76	0.019	239.37	-17.79	freq
	2	0.033	239.37	-110.76	0.020	239.37	-17.11	qprm
	3	0.016	239.37	-77.70	0.042	239.37	-11.33	freq
	3	0.016	239.37	-77.70	0.043	239.37	-11.09	qprm
	4	0.034	239.37	-120.85	0.018	239.37	-36.51	freq
	4	0.034	239.37	-120.85	0.018	239.37	-35.22	qprm
143	1	0.014	239.37	-177.24	0.016	239.37	-91.36	freq
	1	0.014	239.37	-177.24	0.017	239.37	-91.23	qprm
	2	0.015	239.37	-174.57	0.012	239.37	-77.42	freq
	2	0.015	239.37	-174.70	0.013	239.37	-78.06	qprm
	3	0.020	239.37	-209.11	0.010	239.37	-119.49	freq
	3	0.020	239.37	-209.11	0.010	239.37	-118.27	qprm
	4	0.033	239.37	-196.21	0.020	239.37	-98.06	freq
	4	0.033	239.37	-196.21	0.021	239.37	-97.81	qprm
142	1	0.000	239.37	51.34	0.010	239.37	-44.19	freq
	1	0.000	239.37	51.34	0.010	239.37	-44.19	qprm
	2	0.005	239.37	-81.36	0.018	239.37	21.58	freq
	2	0.005	239.37	-81.36	0.018	239.37	22.24	qprm
	3	0.024	239.37	3.31	0.026	239.37	89.58	freq
	3	0.024	239.37	3.32	0.027	239.37	89.06	qprm
	4	0.029	239.37	-1.03	0.014	239.37	95.53	freq
	4	0.029	239.37	-1.03	0.015	239.37	95.55	qprm
141	1	0.000	239.37	44.76	0.020	239.37	-29.78	freq
	1	0.000	239.37	44.76	0.020	239.37	-29.51	qprm
	2	0.000	239.37	44.76	0.021	239.37	37.10	freq
	2	0.000	239.37	44.76	0.021	239.37	36.71	qprm
	3	0.016	239.37	-0.99	0.023	239.37	89.24	freq
	3	0.016	239.37	-0.99	0.023	239.37	89.24	qprm
	4	0.017	239.37	0.45	0.022	239.37	-89.71	freq
	4	0.017	239.37	0.45	0.022	239.37	-89.71	qprm
140	1	0.029	239.37	-202.40	0.022	239.37	-109.95	freq

	1	0.029	239.37	-202.40	0.023	239.37	-109.19	qprm
	2	0.023	239.37	-230.31	0.014	239.37	-154.86	freq
	2	0.023	239.37	-230.31	0.014	239.37	-152.97	qprm
	3	0.010	239.37	-254.06	0.029	239.37	-156.65	freq
	3	0.010	239.37	-254.06	0.029	239.37	-155.51	qprm
	4	0.000	239.37	-120.27	0.070	239.37	-118.72	freq
	4	0.000	239.37	-120.27	0.071	239.37	-118.45	qprm
139	1	0.004	239.37	175.97	0.012	239.37	267.62	freq
	1	0.004	239.37	175.97	0.012	239.37	267.64	qprm
	2	0.001	239.37	162.97	0.013	239.37	240.14	freq
	2	0.001	239.37	162.97	0.014	239.37	238.94	qprm
	3	0.011	239.37	89.71	0.011	239.37	179.70	freq
	3	0.011	239.37	89.71	0.011	239.37	179.66	qprm
	4	0.000	239.37	223.62	0.040	239.37	230.77	freq
	4	0.000	239.37	223.62	0.041	239.37	230.49	qprm
138	1	0.002	239.37	244.04	0.013	239.37	226.96	freq
	1	0.002	239.37	243.92	0.014	239.37	226.63	qprm
	2	0.002	80.00	91.44	0.009	239.37	184.20	freq
	2	0.002	80.00	91.44	0.009	239.37	186.85	qprm
	3	0.005	239.37	168.72	0.000	239.37	224.73	freq
	3	0.005	239.37	168.70	0.000	239.37	224.73	qprm
	4	0.004	239.37	92.22	0.005	239.37	195.16	freq
	4	0.004	239.37	92.22	0.006	239.37	198.29	qprm
137	1	0.004	239.37	82.87	0.002	239.37	170.82	freq
	1	0.004	239.37	82.78	0.002	239.37	172.88	qprm
	2	0.008	239.37	87.95	0.005	239.37	176.04	freq
	2	0.008	239.37	87.95	0.005	239.37	176.33	qprm
	3	0.014	239.37	89.29	0.007	239.37	0.14	freq
	3	0.014	239.37	89.29	0.007	239.37	0.05	qprm
	4	0.006	239.37	162.22	0.004	239.37	86.34	freq
	4	0.006	239.37	162.22	0.005	239.37	85.11	qprm
136	1	0.012	239.37	83.44	0.009	239.37	-5.63	freq
	1	0.012	239.37	83.44	0.010	239.37	-5.69	qprm
	2	0.019	239.37	82.92	0.022	239.37	172.60	freq
	2	0.019	239.37	82.92	0.023	239.37	172.61	qprm
	3	0.027	239.37	82.70	0.010	239.37	171.91	freq
	3	0.027	239.37	82.70	0.010	239.37	171.95	qprm
	4	0.019	239.37	94.86	0.004	239.37	-3.87	freq
	4	0.019	239.37	94.86	0.004	239.37	-4.25	qprm
135	1	0.016	239.37	115.68	0.019	239.37	141.66	freq
	1	0.016	239.37	115.68	0.020	239.37	142.96	qprm
	2	0.008	239.37	47.23	0.016	239.37	106.84	freq
	2	0.008	239.37	47.23	0.016	239.37	109.40	qprm
	3	0.025	239.37	12.27	0.037	239.37	116.54	freq
	3	0.025	239.37	12.27	0.038	239.37	117.44	qprm
	4	0.035	239.37	59.21	0.024	239.37	152.44	freq
	4	0.035	239.37	59.21	0.024	239.37	153.05	qprm
134	1	0.010	239.37	137.10	0.016	239.37	98.83	freq
	1	0.010	239.37	137.10	0.016	239.37	101.46	qprm
	2	0.004	239.37	6.05	0.008	239.37	94.59	freq
	2	0.004	239.37	6.05	0.008	239.37	94.55	qprm
	3	0.001	239.37	20.39	0.019	239.37	101.89	freq
	3	0.001	239.37	20.39	0.019	239.37	103.85	qprm
	4	0.012	239.37	4.04	0.034	239.37	119.42	freq
	4	0.012	239.37	4.04	0.034	239.37	120.38	qprm
133	1	0.002	239.37	94.54	0.033	239.37	-3.24	freq
	1	0.002	239.37	94.54	0.033	239.37	-3.24	qprm
	2	0.000	239.37	-35.55	0.072	239.37	64.33	freq
	2	0.000	239.37	-35.55	0.072	239.37	64.46	qprm
	3	0.000	239.37	-35.55	0.078	239.37	56.34	freq
	3	0.000	239.37	-35.55	0.079	239.37	56.59	qprm
	4	0.016	239.37	-79.82	0.037	239.37	9.77	freq
	4	0.016	239.37	-79.82	0.037	239.37	9.77	qprm
132	1	0.005	239.37	-51.47	0.002	239.37	41.13	freq
	1	0.005	239.37	-51.47	0.002	239.37	41.13	qprm
	2	0.016	239.37	-46.90	0.020	239.37	50.42	freq
	2	0.016	239.37	-46.90	0.020	239.37	51.54	qprm
	3	0.000	239.37	81.28	0.011	239.37	75.37	freq
	3	0.000	239.37	81.28	0.011	239.37	77.10	qprm

131	1	0.011	239.37	88.63	0.026	239.37	-0.79	freq
	1	0.011	239.37	88.62	0.026	239.37	-0.79	qprm
	2	0.011	239.37	-89.23	0.032	239.37	0.02	freq
	2	0.011	239.37	-89.23	0.032	239.37	0.02	qprm
	3	0.004	239.37	-87.01	0.036	239.37	7.75	freq
	3	0.004	239.37	-87.01	0.036	239.37	7.75	qprm
	4	0.018	239.37	-89.69	0.033	239.37	0.02	freq
	4	0.018	239.37	-89.69	0.033	239.37	0.02	qprm
130	1	0.012	239.37	96.50	0.048	239.37	-4.48	freq
	1	0.012	239.37	96.50	0.048	239.37	-4.48	qprm
	2	0.000	239.37	-37.50	0.071	239.37	57.61	freq
	2	0.000	239.37	-37.50	0.071	239.37	57.61	qprm
	3	0.000	239.37	-37.50	0.074	239.37	54.76	freq
	3	0.000	239.37	-37.50	0.074	239.37	54.76	qprm
	4	0.005	239.37	95.28	0.038	239.37	7.19	freq
	4	0.005	239.37	95.28	0.038	239.37	7.19	qprm
129	1	0.000	239.37	134.97	0.075	239.37	39.06	freq
	1	0.000	239.37	134.97	0.075	239.37	39.06	qprm
	2	0.000	239.37	44.97	0.079	239.37	140.71	freq
	2	0.000	239.37	44.97	0.079	239.37	140.71	qprm
	3	0.002	239.37	5.41	0.041	239.37	92.11	freq
	3	0.002	239.37	5.41	0.041	239.37	92.11	qprm
	4	0.010	239.37	178.76	0.041	239.37	81.74	freq
	4	0.010	239.37	178.76	0.041	239.37	81.74	qprm
128	1	0.002	239.37	84.69	0.038	239.37	-4.24	freq
	1	0.002	239.37	84.69	0.038	239.37	-4.24	qprm
	2	0.000	239.37	45.48	0.036	239.37	-7.78	freq
	2	0.000	239.37	45.48	0.036	239.37	-7.78	qprm
	3	0.000	239.37	45.48	0.031	239.37	-11.10	freq
	3	0.000	239.37	45.48	0.031	239.37	-11.10	qprm
	4	0.001	239.37	74.06	0.033	239.37	-8.14	freq
	4	0.001	239.37	74.06	0.033	239.37	-8.14	qprm
127	1	0.002	239.37	90.03	0.049	239.37	-15.62	freq
	1	0.002	239.37	90.03	0.049	239.37	-15.62	qprm
	2	0.000	239.37	-39.97	0.084	239.37	-53.94	freq
	2	0.000	239.37	-39.97	0.084	239.37	-53.94	qprm
	3	0.000	239.37	50.03	0.085	239.37	61.97	freq
	3	0.000	239.37	50.03	0.085	239.37	61.97	qprm
	4	0.000	239.37	50.03	0.035	239.37	-0.21	freq
	4	0.000	239.37	50.03	0.035	239.37	-0.21	qprm
126	1	0.000	239.37	133.90	0.098	239.37	31.47	freq
	1	0.000	239.37	133.90	0.098	239.37	31.47	qprm
	2	0.000	239.37	133.90	0.086	239.37	148.61	freq
	2	0.000	239.37	133.90	0.086	239.37	148.61	qprm
	3	0.000	239.37	133.90	0.029	239.37	104.84	freq
	3	0.000	239.37	133.90	0.029	239.37	104.84	qprm
	4	0.005	239.37	176.68	0.038	239.37	66.80	freq
	4	0.005	239.37	176.68	0.038	239.37	66.80	qprm
125	1	0.000	239.37	32.55	0.025	239.37	17.92	freq
	1	0.000	239.37	32.55	0.025	239.37	17.92	qprm
	2	0.012	239.37	-58.92	0.012	239.37	-11.50	freq
	2	0.012	239.37	-58.92	0.012	239.37	-11.50	qprm
	3	0.006	239.37	-100.51	0.009	239.37	-11.19	freq
	3	0.006	239.37	-100.51	0.009	239.37	-11.21	qprm
	4	0.005	239.37	75.34	0.021	239.37	-12.99	freq
	4	0.005	239.37	75.34	0.021	239.37	-12.99	qprm
124	1	0.020	239.37	-148.33	0.011	239.37	-59.21	freq
	1	0.020	239.37	-148.33	0.011	239.37	-59.21	qprm
	2	0.032	239.37	-155.55	0.037	239.37	-71.13	freq
	2	0.032	239.37	-155.55	0.037	239.37	-71.01	qprm
	3	0.015	239.37	-148.94	0.029	239.37	-58.53	freq
	3	0.015	239.37	-148.94	0.029	239.37	-58.53	qprm
123	1	0.012	239.37	-89.64	0.014	239.37	-171.68	freq
	1	0.012	239.37	-89.64	0.014	239.37	-171.68	qprm
	2	0.010	239.37	-89.60	0.011	239.37	-178.90	freq
	2	0.010	239.37	-89.60	0.011	239.37	-178.90	qprm
	3	0.013	239.37	-89.06	0.008	239.37	-178.54	freq
	3	0.013	239.37	-89.06	0.008	239.37	-178.54	qprm
	4	0.018	239.37	-89.35	0.014	239.37	-179.15	freq

	4	0.018	239.37	-89.35	0.014	239.37	-179.15	qprm
122	1	0.005	239.37	-89.40	0.005	239.37	-177.87	freq
	1	0.005	239.37	-89.40	0.005	239.37	-177.87	qprm
	2	0.005	239.37	-79.69	0.003	239.37	-161.80	freq
	2	0.005	239.37	-79.69	0.003	239.37	-161.80	qprm
	3	0.000	239.37	-45.21	0.007	239.37	-36.21	freq
	3	0.000	239.37	-45.21	0.007	239.37	-38.41	qprm
	4	0.007	239.37	-91.79	0.012	239.37	-1.18	freq
	4	0.007	239.37	-91.79	0.012	239.37	-1.18	qprm
121	1	0.005	239.37	-78.32	0.003	239.37	-165.42	freq
	1	0.005	239.37	-78.32	0.003	239.37	-165.42	qprm
	2	0.002	239.37	-38.15	0.010	239.37	-120.41	freq
	2	0.002	239.37	-38.15	0.011	239.37	-119.60	qprm
	3	0.002	239.37	-84.21	0.018	239.37	-153.05	freq
	3	0.002	239.37	-84.21	0.019	239.37	-151.44	qprm
	4	0.001	239.37	-72.00	0.014	239.37	-138.47	freq
	4	0.001	239.37	-72.00	0.014	239.37	-137.45	qprm
120	1	0.002	239.37	-173.63	0.018	239.37	-251.45	freq
	1	0.002	239.37	-173.63	0.018	239.37	-249.54	qprm
	2	0.006	239.37	-177.86	0.026	239.37	-269.48	freq
	2	0.006	239.37	-177.86	0.026	239.37	-269.48	qprm
	3	0.000	239.37	-134.92	0.052	239.37	-236.84	freq
	3	0.000	239.37	-134.92	0.052	239.37	-236.40	qprm
	4	0.005	239.37	-92.47	0.015	239.37	-197.35	freq
	4	0.005	239.37	-92.48	0.016	239.37	-196.82	qprm
119	1	0.000	239.37	-137.66	0.050	239.37	-148.25	freq
	1	0.000	239.37	-137.66	0.051	239.37	-147.72	qprm
	2	0.006	239.37	-90.54	0.013	239.37	-181.77	freq
	2	0.006	239.37	-90.54	0.013	239.37	-181.77	qprm
	3	0.000	239.37	-21.14	0.028	239.37	-16.41	freq
	3	0.000	239.37	-21.14	0.028	239.37	-17.58	qprm
	4	0.000	239.37	-140.04	0.019	239.37	-49.17	freq
	4	0.000	239.37	-140.04	0.020	239.37	-50.35	qprm
118	1	0.000	239.37	236.75	0.014	239.37	222.38	freq
	1	0.000	239.37	236.75	0.014	239.37	219.77	qprm
	2	0.000	239.37	236.75	0.023	239.37	118.94	freq
	2	0.000	239.37	236.75	0.023	239.37	120.25	qprm
	3	0.003	239.37	168.68	0.006	239.37	76.69	freq
	3	0.003	239.37	168.68	0.006	239.37	76.69	qprm
	4	0.002	239.37	160.52	0.012	239.37	236.72	freq
	4	0.002	239.37	160.52	0.013	239.37	233.79	qprm
117	1	0.000	239.37	-100.49	0.021	239.37	-121.73	freq
	1	0.000	239.37	-100.49	0.021	239.37	-122.40	qprm
	2	0.004	239.37	-174.69	0.021	239.37	-89.55	freq
	2	0.004	239.37	-174.69	0.021	239.37	-90.90	qprm
	3	0.000	239.37	-127.01	0.046	239.37	-122.21	freq
	3	0.000	239.37	-127.01	0.046	239.37	-122.46	qprm
	4	0.004	239.37	-259.34	0.004	239.37	-169.19	freq
	4	0.004	239.37	-259.34	0.005	239.37	-174.52	qprm
116	1	0.000	239.37	-44.24	0.048	239.37	-34.89	freq
	1	0.000	239.37	-44.24	0.048	239.37	-35.37	qprm
	2	0.004	239.37	-91.88	0.021	239.37	0.21	freq
	2	0.004	239.37	-91.88	0.021	239.37	0.21	qprm
	3	0.000	239.37	-17.72	0.020	239.37	-42.27	freq
	3	0.000	239.37	-17.72	0.021	239.37	-43.36	qprm
	4	0.011	239.37	-178.20	0.013	239.37	-87.78	freq
	4	0.011	239.37	-178.20	0.014	239.37	-87.04	qprm
115	1	0.000	239.37	-250.12	0.022	239.37	-138.42	freq
	1	0.000	239.37	-250.12	0.023	239.37	-139.29	qprm
	2	0.000	239.37	-107.08	0.014	239.37	-210.94	freq
	2	0.000	239.37	-107.08	0.015	239.37	-210.07	qprm
	3	0.003	239.37	-92.50	0.005	239.37	-194.68	freq
	3	0.003	239.37	-92.50	0.005	239.37	-194.27	qprm
	4	0.006	239.37	-237.07	0.009	239.37	-143.11	freq
	4	0.006	239.37	-237.07	0.009	239.37	-144.63	qprm
114	1	0.000	239.37	249.91	0.011	239.37	134.53	freq
	1	0.000	239.37	249.91	0.011	239.37	136.06	qprm
	2	0.004	239.37	181.08	0.015	239.37	89.18	freq
	2	0.004	239.37	181.08	0.015	239.37	89.18	qprm

	3	0.000	239.37	223.40	0.042	239.37	126.40	freq
	3	0.000	239.37	223.40	0.042	239.37	126.63	qprm
	4	0.010	239.37	267.25	0.011	239.37	177.32	freq
	4	0.010	239.37	267.25	0.011	239.37	177.37	qprm
113	1	0.010	239.37	64.71	0.009	239.37	155.66	freq
	1	0.010	239.37	64.71	0.009	239.37	155.66	qprm
	2	0.030	239.37	94.28	0.024	239.37	187.96	freq
	2	0.030	239.37	94.28	0.024	239.37	187.96	qprm
	3	0.032	239.37	98.07	0.020	239.37	187.86	freq
	3	0.032	239.37	98.07	0.020	239.37	187.86	qprm
	4	0.018	239.37	99.10	0.005	239.37	10.77	freq
	4	0.018	239.37	99.10	0.005	239.37	10.70	qprm
112	1	0.022	239.37	123.10	0.044	239.37	14.41	freq
	1	0.022	239.37	123.10	0.044	239.37	14.65	qprm
	2	0.000	239.37	78.63	0.062	239.37	1.70	freq
	2	0.000	239.37	78.63	0.062	239.37	1.70	qprm
	3	0.000	239.37	78.63	0.044	239.37	64.16	freq
	3	0.000	239.37	78.63	0.045	239.37	64.23	qprm
	4	0.027	239.37	123.20	0.020	239.37	33.05	freq
	4	0.027	239.37	123.20	0.020	239.37	33.05	qprm
111	1	0.000	239.37	-32.31	0.024	239.37	27.00	freq
	1	0.000	239.37	-32.31	0.024	239.37	27.39	qprm
	2	0.000	239.37	57.69	0.072	239.37	61.55	freq
	2	0.000	239.37	57.69	0.072	239.37	61.62	qprm
	3	0.040	239.37	2.06	0.031	239.37	102.31	freq
	3	0.040	239.37	2.06	0.031	239.37	102.32	qprm
	4	0.033	239.37	-25.82	0.016	239.37	71.20	freq
	4	0.033	239.37	-25.82	0.016	239.37	71.34	qprm
110	1	0.000	239.37	42.84	0.067	239.37	-55.45	freq
	1	0.000	239.37	42.84	0.068	239.37	-55.49	qprm
	2	0.002	239.37	82.87	0.033	239.37	-24.78	freq
	2	0.002	239.37	82.87	0.033	239.37	-24.78	qprm
	3	0.017	239.37	-1.48	0.027	239.37	-91.73	freq
	3	0.017	239.37	-1.48	0.027	239.37	-91.73	qprm
	4	0.034	239.37	-1.82	0.026	239.37	-91.71	freq
	4	0.034	239.37	-1.82	0.026	239.37	-91.71	qprm
109	1	0.000	239.37	52.66	0.027	239.37	28.24	freq
	1	0.000	239.37	52.66	0.027	239.37	28.24	qprm
	2	0.000	239.37	-37.34	0.080	239.37	65.90	freq
	2	0.000	239.37	-37.34	0.080	239.37	65.90	qprm
	3	0.028	239.37	7.24	0.043	239.37	97.39	freq
	3	0.028	239.37	7.24	0.043	239.37	97.39	qprm
	4	0.012	239.37	6.70	0.029	239.37	93.11	freq
	4	0.012	239.37	6.70	0.029	239.37	93.11	qprm
108	1	0.000	239.37	42.72	0.093	239.37	-58.14	freq
	1	0.000	239.37	42.72	0.093	239.37	-58.14	qprm
	2	0.010	239.37	86.60	0.044	239.37	-32.95	freq
	2	0.010	239.37	86.60	0.044	239.37	-32.95	qprm
	3	0.020	239.37	-1.71	0.042	239.37	-68.81	freq
	3	0.020	239.37	-1.71	0.042	239.37	-68.81	qprm
	4	0.034	239.37	-1.94	0.048	239.37	-92.04	freq
	4	0.034	239.37	-1.94	0.048	239.37	-92.04	qprm
107	1	0.000	239.37	-133.13	0.008	239.37	-165.83	freq
	1	0.000	239.37	-133.13	0.008	239.37	-166.85	qprm
	2	0.000	239.37	-133.13	0.051	239.37	-119.77	freq
	2	0.000	239.37	-133.13	0.051	239.37	-120.08	qprm
	3	0.024	239.37	-178.61	0.030	239.37	-88.52	freq
	3	0.024	239.37	-178.61	0.030	239.37	-88.52	qprm
	4	0.008	239.37	-179.62	0.017	239.37	-88.80	freq
	4	0.008	239.37	-179.62	0.017	239.37	-88.80	qprm
106	1	0.000	239.37	-128.67	0.053	239.37	-115.25	freq
	1	0.000	239.37	-128.67	0.053	239.37	-115.25	qprm
	2	0.003	239.37	-259.13	0.011	239.37	-172.56	freq
	2	0.003	239.37	-259.13	0.011	239.37	-174.74	qprm
	3	0.010	239.37	-174.80	0.025	239.37	-84.99	freq
	3	0.010	239.37	-174.80	0.025	239.37	-84.99	qprm
	4	0.030	239.37	-174.06	0.034	239.37	-84.01	freq
	4	0.030	239.37	-174.06	0.034	239.37	-84.01	qprm
105	1	0.010	239.37	-233.29	0.004	239.37	-164.12	freq

	1	0.010	239.37	-233.29	0.005	239.37	-164.23	qprm
	2	0.000	239.37	-121.79	0.047	239.37	-118.24	freq
	2	0.000	239.37	-121.79	0.047	239.37	-118.31	qprm
	3	0.044	239.37	-187.02	0.030	239.37	-84.64	freq
	3	0.044	239.37	-187.02	0.031	239.37	-85.01	qprm
	4	0.029	239.37	-181.65	0.023	239.37	-83.65	freq
	4	0.029	239.37	-181.65	0.024	239.37	-84.26	qprm
104	1	0.000	239.37	-218.97	0.045	239.37	-115.62	freq
	1	0.000	239.37	-218.97	0.045	239.37	-116.17	qprm
	2	0.006	239.37	-261.89	0.004	239.37	-170.95	freq
	2	0.006	239.37	-261.89	0.004	239.37	-171.29	qprm
	3	0.022	239.37	-174.50	0.019	239.37	-84.60	freq
	3	0.022	239.37	-174.50	0.019	239.37	-84.59	qprm
	4	0.045	239.37	-174.23	0.027	239.37	-84.40	freq
	4	0.045	239.37	-174.23	0.027	239.37	-84.39	qprm
103	1	0.012	239.37	86.43	0.006	239.37	177.26	freq
	1	0.012	239.37	86.43	0.007	239.37	177.13	qprm
	2	0.000	239.37	220.42	0.040	239.37	120.74	freq
	2	0.000	239.37	220.42	0.040	239.37	120.97	qprm
	3	0.029	239.37	175.82	0.016	239.37	86.13	freq
	3	0.029	239.37	175.82	0.017	239.37	86.12	qprm
	4	0.010	239.37	176.54	0.007	239.37	87.07	freq
	4	0.010	239.37	176.54	0.007	239.37	87.04	qprm
102	1	0.000	239.37	218.53	0.042	239.37	121.48	freq
	1	0.000	239.37	218.53	0.043	239.37	121.61	qprm
	2	0.008	239.37	261.99	0.007	239.37	171.76	freq
	2	0.008	239.37	261.99	0.007	239.37	171.81	qprm
	3	0.016	239.37	174.10	0.011	239.37	84.61	freq
	3	0.016	239.37	174.10	0.011	239.37	84.57	qprm
	4	0.032	239.37	173.89	0.021	239.37	84.09	freq
	4	0.032	239.37	173.89	0.021	239.37	84.09	qprm
101	1	0.018	239.37	-176.22	0.021	239.37	-86.11	freq
	1	0.018	239.37	-176.22	0.021	239.37	-86.11	qprm
	2	0.024	239.37	-176.05	0.028	239.37	-85.97	freq
	2	0.024	239.37	-176.05	0.028	239.37	-85.97	qprm
	3	0.025	239.37	-176.01	0.022	239.37	-86.07	freq
	3	0.025	239.37	-176.01	0.022	239.37	-86.07	qprm
	4	0.018	239.37	-174.90	0.018	239.37	-264.91	freq
	4	0.018	239.37	-174.90	0.018	239.37	-264.91	qprm
100	1	0.042	239.37	124.64	0.023	239.37	45.98	freq
	1	0.042	239.37	124.64	0.023	239.37	45.99	qprm
	2	0.004	239.37	-40.76	0.024	239.37	48.80	freq
	2	0.004	239.37	-40.75	0.025	239.37	49.03	qprm
	3	0.013	239.37	-42.62	0.002	239.37	54.28	freq
	3	0.013	239.37	-42.62	0.002	239.37	53.41	qprm
	4	0.027	239.37	136.07	0.019	239.37	45.87	freq
	4	0.027	239.37	136.07	0.019	239.37	45.88	qprm
99	1	0.005	239.37	-59.81	0.017	239.37	27.47	freq
	1	0.005	239.37	-59.81	0.017	239.37	27.47	qprm
	2	0.008	239.37	-39.68	0.021	239.37	35.45	freq
	2	0.008	239.37	-39.68	0.021	239.37	34.97	qprm
	3	0.028	239.37	-6.49	0.009	239.37	-107.55	freq
	3	0.028	239.37	-6.49	0.009	239.37	-107.55	qprm
	4	0.011	239.37	-0.91	0.009	239.37	-99.02	freq
	4	0.011	239.37	-0.91	0.009	239.37	-99.02	qprm
98	1	0.026	239.37	2.43	0.038	239.37	-87.71	freq
	1	0.026	239.37	2.43	0.038	239.37	-87.71	qprm
	2	0.026	239.37	2.42	0.038	239.37	-84.36	freq
	2	0.026	239.37	2.42	0.038	239.37	-84.36	qprm
	3	0.028	239.37	2.39	0.026	239.37	-87.58	freq
	3	0.028	239.37	2.39	0.026	239.37	-87.58	qprm
	4	0.029	239.37	2.38	0.027	239.37	-87.59	freq
	4	0.029	239.37	2.38	0.027	239.37	-87.59	qprm
97	1	0.004	239.37	90.57	0.026	239.37	-22.72	freq
	1	0.004	239.37	90.57	0.026	239.37	-22.60	qprm
	2	0.000	239.37	48.55	0.020	239.37	22.18	freq
	2	0.000	239.37	48.55	0.020	239.37	22.01	qprm
	3	0.007	239.37	1.82	0.018	239.37	82.45	freq
	3	0.007	239.37	1.82	0.018	239.37	82.45	qprm

	4	0.010	239.37	4.68	0.016	239.37	-85.71	freq
	4	0.010	239.37	4.68	0.016	239.37	-85.71	qprm
96	1	0.034	239.37	-94.39	0.007	239.37	1.39	freq
	1	0.034	239.37	-94.39	0.007	239.37	1.39	qprm
	2	0.027	239.37	-92.32	0.005	239.37	0.68	freq
	2	0.027	239.37	-92.32	0.005	239.37	0.70	qprm
	3	0.026	239.37	-100.47	0.004	239.37	0.48	freq
	3	0.026	239.37	-100.47	0.004	239.37	0.49	qprm
	4	0.033	239.37	-92.60	0.013	239.37	2.26	freq
	4	0.033	239.37	-92.60	0.013	239.37	2.26	qprm
95	1	0.004	239.37	-94.49	0.001	239.37	-187.05	freq
	1	0.004	239.37	-94.49	0.001	239.37	-181.33	qprm
	2	0.005	239.37	-260.53	0.004	239.37	-170.25	freq
	2	0.005	239.37	-260.53	0.004	239.37	-170.48	qprm
	3	0.017	239.37	-207.76	0.004	239.37	-85.29	freq
	3	0.017	239.37	-207.76	0.004	239.37	-87.99	qprm
	4	0.019	239.37	-185.46	0.006	239.37	-85.06	freq
	4	0.019	239.37	-185.46	0.006	239.37	-85.06	qprm
94	1	0.034	239.37	9.02	0.026	239.37	98.91	freq
	1	0.034	239.37	9.02	0.026	239.37	98.92	qprm
	2	0.028	239.37	8.96	0.027	239.37	98.95	freq
	2	0.028	239.37	8.96	0.028	239.37	98.95	qprm
	3	0.041	239.37	7.09	0.029	239.37	98.96	freq
	3	0.041	239.37	7.09	0.029	239.37	98.97	qprm
	4	0.043	239.37	4.80	0.028	239.37	98.96	freq
	4	0.043	239.37	4.80	0.029	239.37	98.96	qprm
93	1	0.021	239.37	5.39	0.026	239.37	95.50	freq
	1	0.021	239.37	5.39	0.026	239.37	95.50	qprm
	2	0.023	239.37	5.45	0.037	239.37	95.63	freq
	2	0.023	239.37	5.45	0.037	239.37	95.63	qprm
	3	0.031	239.37	5.57	0.028	239.37	95.54	freq
	3	0.031	239.37	5.57	0.028	239.37	95.54	qprm
	4	0.033	239.37	5.59	0.025	239.37	95.49	freq
	4	0.033	239.37	5.59	0.025	239.37	95.49	qprm
92	1	0.023	239.37	-175.40	0.027	239.37	-85.32	freq
	1	0.023	239.37	-175.40	0.027	239.37	-85.32	qprm
	2	0.020	239.37	-175.47	0.023	239.37	-85.40	freq
	2	0.020	239.37	-175.47	0.023	239.37	-85.40	qprm
	3	0.030	239.37	-175.28	0.022	239.37	-85.41	freq
	3	0.030	239.37	-175.28	0.022	239.37	-85.41	qprm
	4	0.031	239.37	-175.26	0.029	239.37	-85.29	freq
	4	0.031	239.37	-175.26	0.029	239.37	-85.29	qprm
91	1	0.042	239.37	-178.26	0.023	239.37	-79.61	freq
	1	0.042	239.37	-178.26	0.023	239.37	-79.61	qprm
	2	0.032	239.37	-179.37	0.019	239.37	-79.71	freq
	2	0.032	239.37	-179.37	0.019	239.37	-79.70	qprm
	3	0.041	239.37	-192.56	0.013	239.37	-80.01	freq
	3	0.041	239.37	-192.56	0.013	239.37	-80.00	qprm
	4	0.038	239.37	-173.06	0.034	239.37	-79.44	freq
	4	0.038	239.37	-173.06	0.034	239.37	-79.44	qprm
90	1	0.026	239.37	-46.89	0.011	239.37	-136.48	freq
	1	0.026	239.37	-46.89	0.011	239.37	-136.48	qprm
	2	0.032	239.37	-45.78	0.008	239.37	-136.85	freq
	2	0.032	239.37	-45.78	0.008	239.37	-136.85	qprm
	3	0.027	239.37	-45.84	0.011	239.37	-136.50	freq
	3	0.027	239.37	-45.84	0.011	239.37	-136.50	qprm
	4	0.018	239.37	-46.06	0.007	239.37	-137.16	freq
	4	0.018	239.37	-46.06	0.007	239.37	-137.15	qprm
89	1	0.026	239.37	9.93	0.018	239.37	99.72	freq
	1	0.026	239.37	9.93	0.018	239.37	99.72	qprm
	2	0.023	239.37	9.88	0.021	239.37	99.82	freq
	2	0.023	239.37	9.88	0.021	239.37	99.82	qprm
	3	0.035	239.37	7.03	0.026	239.37	99.94	freq
	3	0.035	239.37	7.03	0.026	239.37	99.94	qprm
	4	0.038	239.37	-0.14	0.018	239.37	99.75	freq
	4	0.038	239.37	-0.14	0.018	239.37	99.75	qprm
88	1	0.007	239.37	-56.69	0.033	239.37	-124.25	freq
	1	0.007	239.37	-56.68	0.033	239.37	-124.25	qprm
	2	0.012	239.37	-57.34	0.028	239.37	-137.04	freq

	2	0.012	239.37	-57.34	0.028	239.37	-137.04	qprm
	3	0.011	239.37	-102.64	0.000	239.37	-13.33	freq
	3	0.011	239.37	-102.70	0.000	239.37	-13.33	qprm
	4	0.000	239.37	-13.33	0.029	239.37	-5.86	freq
	4	0.000	239.37	-13.33	0.029	239.37	-5.79	qprm
87	1	0.009	239.37	-125.94	0.011	239.37	-99.12	freq
	1	0.009	239.37	-125.89	0.011	239.37	-98.21	qprm
	2	0.011	239.37	-89.22	0.016	239.37	-174.73	freq
	2	0.011	239.37	-89.22	0.016	239.37	-174.73	qprm
	3	0.028	239.37	-81.24	0.020	239.37	-178.99	freq
	3	0.028	239.37	-81.24	0.020	239.37	-178.99	qprm
	4	0.032	239.37	-55.73	0.026	239.37	-148.36	freq
	4	0.032	239.37	-55.73	0.026	239.37	-148.05	qprm
86	1	0.035	239.37	-4.93	0.021	239.37	-108.87	freq
	1	0.035	239.37	-4.93	0.021	239.37	-108.87	qprm
	2	0.036	239.37	2.70	0.020	239.37	-108.83	freq
	2	0.036	239.37	2.70	0.020	239.37	-108.61	qprm
	3	0.035	239.37	14.58	0.018	239.37	-86.57	freq
	3	0.035	239.37	14.58	0.018	239.37	-85.70	qprm
	4	0.026	239.37	9.53	0.011	239.37	-103.82	freq
	4	0.026	239.37	9.53	0.012	239.37	-101.23	qprm
85	1	0.039	239.37	2.62	0.014	239.37	-102.65	freq
	1	0.039	239.37	2.62	0.014	239.37	-102.65	qprm
	2	0.036	239.37	-0.05	0.016	239.37	-102.70	freq
	2	0.036	239.37	-0.05	0.016	239.37	-102.71	qprm
	3	0.027	239.37	-4.97	0.012	239.37	-102.45	freq
	3	0.027	239.37	-4.97	0.012	239.37	-102.46	qprm
	4	0.030	239.37	-5.76	0.018	239.37	-102.80	freq
	4	0.030	239.37	-5.76	0.018	239.37	-102.80	qprm
84	1	0.000	239.37	-62.63	0.047	239.37	-69.08	freq
	1	0.000	239.37	-62.63	0.047	239.37	-69.08	qprm
	2	0.000	239.37	-62.63	0.043	239.37	-78.70	freq
	2	0.000	239.37	-62.63	0.043	239.37	-78.70	qprm
	3	0.000	239.37	-62.63	0.080	239.37	-153.85	freq
	3	0.000	239.37	-62.63	0.080	239.37	-154.10	qprm
	4	0.000	239.37	-62.63	0.063	239.37	-160.58	freq
	4	0.000	239.37	-62.63	0.063	239.37	-161.00	qprm
83	1	0.000	239.37	-135.19	0.002	239.37	-129.37	freq
	1	0.000	239.37	-135.19	0.003	239.37	-130.02	qprm
	2	0.000	239.37	-45.19	0.002	239.37	-141.92	freq
	2	0.000	239.37	-45.19	0.003	239.37	-140.28	qprm
	3	0.003	239.37	-4.55	0.002	239.37	-96.24	freq
	3	0.003	239.37	-4.55	0.003	239.37	-94.55	qprm
	4	0.003	239.37	-4.55	0.002	239.37	-95.55	freq
	4	0.003	239.37	-4.55	0.003	239.37	-94.00	qprm
82	1	0.000	239.37	-45.15	0.002	239.37	-150.41	freq
	1	0.000	239.37	-45.15	0.003	239.37	-146.58	qprm
	2	0.001	239.37	-66.55	0.002	239.37	-159.05	freq
	2	0.001	239.37	-66.55	0.003	239.37	-155.88	qprm
	3	0.002	239.37	-11.15	0.001	239.37	-101.52	freq
	3	0.002	239.37	-11.15	0.002	239.37	-97.87	qprm
	4	0.002	239.37	-4.89	0.001	239.37	-98.72	freq
	4	0.002	239.37	-4.89	0.002	239.37	-95.90	qprm
81	1	0.001	239.37	-66.48	0.002	239.37	-171.06	freq
	1	0.001	239.37	-66.48	0.002	239.37	-164.92	qprm
	2	0.001	239.37	-76.03	0.002	239.37	-174.98	freq
	2	0.001	239.37	-76.03	0.003	239.37	-171.90	qprm
	3	0.002	239.37	-20.65	0.000	239.37	-127.48	freq
	3	0.002	239.37	-20.65	0.001	239.37	-111.35	qprm
	4	0.002	239.37	-10.31	0.001	239.37	-114.02	freq
	4	0.002	239.37	-10.31	0.001	239.37	-103.37	qprm
80	1	0.001	239.37	-73.30	0.002	239.37	-172.39	freq
	1	0.001	239.37	-73.30	0.002	239.37	-174.96	qprm
	2	0.001	239.37	-76.08	0.002	239.37	-173.02	freq
	2	0.001	239.37	-76.08	0.002	239.37	-175.28	qprm
	3	0.002	239.37	-20.38	0.000	239.37	-45.13	freq
	3	0.002	239.37	-20.38	0.000	239.37	-45.13	qprm
	4	0.002	239.37	-17.90	0.000	239.37	-45.13	freq
	4	0.002	239.37	-17.90	0.000	239.37	-45.13	qprm

79	1	0.001	239.37	-71.30	0.001	239.37	-171.08	freq
	1	0.001	239.37	-71.30	0.002	239.37	-5.70	qprm
	2	0.001	239.37	-73.04	0.001	239.37	-172.29	freq
	2	0.001	239.37	-73.04	0.002	239.37	-174.96	qprm
	3	0.002	239.37	-14.66	0.000	239.37	-45.13	freq
	3	0.002	239.37	-14.66	0.000	239.37	-45.13	qprm
	4	0.002	239.37	-164.04	0.000	239.37	-45.13	freq
	4	0.002	239.37	-164.04	0.000	239.37	-45.13	qprm
78	1	0.001	239.37	-105.24	0.001	239.37	-8.67	freq
	1	0.001	239.37	-105.37	0.002	239.37	-5.54	qprm
	2	0.001	239.37	-68.83	0.001	239.37	-172.13	freq
	2	0.001	239.37	-69.01	0.002	239.37	-175.02	qprm
	3	0.002	239.37	-8.78	0.000	239.37	-45.30	freq
	3	0.002	239.37	-8.78	0.000	239.37	-45.30	qprm
	4	0.002	239.37	-165.42	0.000	239.37	-45.30	freq
	4	0.002	239.37	-165.42	0.000	239.37	-45.30	qprm
77	1	0.001	239.37	-104.68	0.001	239.37	-8.58	freq
	1	0.001	239.37	-104.91	0.002	239.37	-5.65	qprm
	2	0.001	239.37	-67.44	0.001	239.37	-172.71	freq
	2	0.001	239.37	-66.99	0.002	239.37	-175.54	qprm
	3	0.002	239.37	-5.42	0.000	239.37	-45.62	freq
	3	0.002	239.37	-5.42	0.000	239.37	-45.62	qprm
	4	0.002	239.37	-169.59	0.000	239.37	-45.62	freq
	4	0.002	239.37	-169.59	0.000	239.37	-45.62	qprm
76	1	0.001	239.37	-107.62	0.002	239.37	-8.58	freq
	1	0.001	239.37	-107.94	0.002	239.37	-5.78	qprm
	2	0.001	239.37	-67.06	0.002	239.37	-173.68	freq
	2	0.000	239.37	-66.72	0.003	239.37	-176.28	qprm
	3	0.002	239.37	-5.60	0.000	239.37	-39.58	freq
	3	0.002	239.37	-5.60	0.000	239.37	-39.58	qprm
	4	0.003	239.37	-172.48	0.000	239.37	-142.26	freq
	4	0.003	239.37	-172.48	0.000	239.37	-142.26	qprm
75	1	0.000	239.37	-115.67	0.002	239.37	-5.20	freq
	1	0.000	239.37	-116.09	0.003	239.37	-3.03	qprm
	2	0.001	239.37	-69.60	0.002	239.37	-173.39	freq
	2	0.001	239.37	-69.34	0.002	239.37	-175.52	qprm
	3	0.003	239.37	-2.88	0.000	239.37	-114.37	freq
	3	0.003	239.37	-2.88	0.001	239.37	-111.56	qprm
	4	0.003	239.37	-174.67	0.000	239.37	-48.08	freq
	4	0.003	239.37	-174.67	0.000	239.37	-54.54	qprm
74	1	0.000	239.37	-61.61	0.001	239.37	-171.47	freq
	1	0.000	239.37	-60.94	0.002	239.37	-174.50	qprm
	2	0.001	239.37	-76.44	0.002	239.37	-171.90	freq
	2	0.001	239.37	-76.23	0.002	239.37	-174.60	qprm
	3	0.002	239.37	-12.36	0.000	239.37	-38.04	freq
	3	0.002	239.37	-12.36	0.000	239.37	-38.04	qprm
	4	0.002	239.37	-3.39	0.000	239.37	-38.04	freq
	4	0.002	239.37	-3.39	0.000	239.37	-38.04	qprm
73	1	0.001	239.37	-69.52	0.001	239.37	-171.62	freq
	1	0.001	239.37	-69.15	0.002	239.37	-174.65	qprm
	2	0.001	239.37	-76.95	0.001	239.37	-171.75	freq
	2	0.001	239.37	-76.80	0.002	239.37	-174.64	qprm
	3	0.002	239.37	-17.43	0.000	239.37	-44.63	freq
	3	0.002	239.37	-17.43	0.000	239.37	-44.63	qprm
	4	0.002	239.37	-6.09	0.000	239.37	-44.63	freq
	4	0.002	239.37	-6.09	0.000	239.37	-44.63	qprm
72	1	0.001	239.37	-109.45	0.001	239.37	-7.90	freq
	1	0.001	239.37	-109.45	0.002	239.37	-174.51	qprm
	2	0.001	239.37	-73.52	0.001	239.37	-171.04	freq
	2	0.001	239.37	-73.52	0.002	239.37	-174.39	qprm
	3	0.002	239.37	-19.48	0.000	239.37	-134.78	freq
	3	0.002	239.37	-19.48	0.000	239.37	-134.78	qprm
	4	0.002	239.37	-166.10	0.000	239.37	-44.78	freq
	4	0.002	239.37	-166.10	0.000	239.37	-44.78	qprm
71	1	0.001	239.37	-104.86	0.002	239.37	-7.14	freq
	1	0.001	239.37	-104.86	0.002	239.37	-4.78	qprm
	2	0.001	239.37	-106.73	0.001	239.37	-7.89	freq
	2	0.001	239.37	-106.73	0.002	239.37	-5.15	qprm
	3	0.002	239.37	-159.93	0.000	239.37	-44.84	freq

	3	0.002	239.37	-159.93	0.000	239.37	-44.84	qprm
	4	0.002	239.37	-159.22	0.000	239.37	-44.84	freq
	4	0.002	239.37	-159.22	0.000	239.37	-44.84	qprm
70	1	0.001	239.37	-104.49	0.002	239.37	-5.10	freq
	1	0.001	239.37	-104.49	0.003	239.37	-6.31	qprm
	2	0.001	239.37	-113.30	0.002	239.37	-6.57	freq
	2	0.001	239.37	-113.30	0.002	239.37	-12.99	qprm
	3	0.002	239.37	-168.20	0.000	239.37	-62.14	freq
	3	0.002	239.37	-168.20	0.001	239.37	-75.02	qprm
	4	0.002	239.37	-158.98	0.000	239.37	-51.00	freq
	4	0.002	239.37	-158.98	0.001	239.37	-67.22	qprm
69	1	0.001	239.37	-113.47	0.002	239.37	-19.53	freq
	1	0.001	239.37	-113.47	0.003	239.37	-22.72	qprm
	2	0.000	239.37	-44.84	0.002	239.37	-28.41	freq
	2	0.000	239.37	-44.84	0.003	239.37	-32.24	qprm
	3	0.002	239.37	-175.01	0.001	239.37	-80.84	freq
	3	0.002	239.37	-175.01	0.002	239.37	-83.83	qprm
	4	0.002	239.37	-168.37	0.001	239.37	-78.16	freq
	4	0.002	239.37	-168.37	0.001	239.37	-81.85	qprm
68	1	0.000	239.37	-44.82	0.002	239.37	-37.18	freq
	1	0.000	239.37	-44.82	0.003	239.37	-38.81	qprm
	2	0.000	239.37	-44.82	0.002	239.37	-50.29	freq
	2	0.000	239.37	-44.82	0.003	239.37	-49.67	qprm
	3	0.003	239.37	-175.44	0.002	239.37	-84.43	freq
	3	0.003	239.37	-175.44	0.003	239.37	-86.00	qprm
	4	0.003	239.37	-175.39	0.002	239.37	-83.69	freq
	4	0.003	239.37	-175.39	0.003	239.37	-85.40	qprm
67	1	0.004	239.37	-266.83	0.002	239.37	-173.22	freq
	1	0.004	239.37	-266.83	0.003	239.37	-175.26	qprm
	2	0.010	239.37	-268.37	0.003	239.37	-175.20	freq
	2	0.010	239.37	-268.37	0.004	239.37	-176.30	qprm
	3	0.010	239.37	-268.39	0.002	239.37	-174.69	freq
	3	0.010	239.37	-268.39	0.003	239.37	-175.85	qprm
	4	0.004	239.37	-266.94	0.002	239.37	-172.72	freq
	4	0.004	239.37	-266.94	0.002	239.37	-174.74	qprm
66	1	0.012	239.37	-268.48	0.003	239.37	-174.90	freq
	1	0.012	239.37	-268.48	0.003	239.37	-176.09	qprm
	2	0.016	239.37	-268.73	0.003	239.37	-176.00	freq
	2	0.016	239.37	-268.73	0.004	239.37	-176.76	qprm
	3	0.016	239.37	-268.08	0.002	239.37	-174.66	freq
	3	0.016	239.37	-268.08	0.003	239.37	-175.78	qprm
	4	0.012	239.37	-268.67	0.002	239.37	-173.52	freq
	4	0.012	239.37	-268.67	0.003	239.37	-175.12	qprm
65	1	0.017	239.37	-268.71	0.004	239.37	-176.48	freq
	1	0.017	239.37	-268.71	0.005	239.37	-177.04	qprm
	2	0.014	239.37	-268.21	0.003	239.37	-175.36	freq
	2	0.014	239.37	-267.97	0.004	239.37	-176.37	qprm
	3	0.013	239.37	-268.07	0.002	239.37	-173.81	freq
	3	0.013	239.37	-268.07	0.003	239.37	-175.18	qprm
	4	0.016	239.37	-268.50	0.002	239.37	-173.34	freq
	4	0.016	239.37	-268.50	0.003	239.37	-174.95	qprm
64	1	0.013	239.37	-268.50	0.005	239.37	-176.92	freq
	1	0.013	239.37	-268.50	0.006	239.37	-177.36	qprm
	2	0.000	239.37	-160.89	0.019	239.37	-250.91	freq
	2	0.000	239.37	-160.89	0.019	239.37	-250.71	qprm
	3	0.010	239.37	-178.97	0.008	239.37	-267.98	freq
	3	0.010	239.37	-178.97	0.008	239.37	-267.98	qprm
	4	0.007	239.37	-91.14	0.000	239.37	-210.33	freq
	4	0.007	239.37	-91.14	0.001	239.37	-162.85	qprm
63	1	0.002	239.37	91.96	0.004	239.37	3.12	freq
	1	0.002	239.37	91.96	0.004	239.37	3.12	qprm
	2	0.009	239.37	91.56	0.005	239.37	2.39	freq
	2	0.009	239.37	91.56	0.005	239.37	2.39	qprm
	3	0.012	239.37	161.07	0.000	239.37	135.17	freq
	3	0.012	239.37	161.07	0.000	239.37	135.17	qprm
	4	0.008	239.37	9.59	0.000	239.37	135.17	freq
	4	0.008	239.37	9.59	0.000	239.37	135.17	qprm
62	1	0.009	239.37	94.41	0.005	239.37	2.47	freq
	1	0.009	239.37	94.41	0.005	239.37	2.46	qprm

	2	0.013	239.37	102.05	0.006	239.37	11.37	freq
	2	0.013	239.37	102.05	0.006	239.37	12.54	qprm
	3	0.019	239.37	160.27	0.002	239.37	82.53	freq
	3	0.019	239.37	160.27	0.002	239.37	83.44	qprm
	4	0.012	239.37	163.99	0.000	239.37	135.12	freq
	4	0.012	239.37	163.99	0.000	239.37	135.12	qprm
61	1	0.011	239.37	106.59	0.008	239.37	38.97	freq
	1	0.011	239.37	106.59	0.009	239.37	39.79	qprm
	2	0.013	239.37	59.16	0.007	239.37	88.41	freq
	2	0.013	239.37	59.16	0.007	239.37	88.43	qprm
	3	0.021	239.37	164.59	0.002	239.37	85.02	freq
	3	0.021	239.37	164.59	0.002	239.37	85.26	qprm
	4	0.018	239.37	167.84	0.002	239.37	82.69	freq
	4	0.018	239.37	167.84	0.002	239.37	83.44	qprm
60	1	0.007	239.37	144.84	0.007	239.37	88.51	freq
	1	0.007	239.37	144.84	0.007	239.37	88.53	qprm
	2	0.006	239.37	168.60	0.006	239.37	88.19	freq
	2	0.006	239.37	168.60	0.006	239.37	88.20	qprm
	3	0.021	239.37	176.25	0.002	239.37	84.63	freq
	3	0.021	239.37	176.25	0.002	239.37	84.86	qprm
	4	0.022	239.37	170.47	0.004	239.37	86.93	freq
	4	0.022	239.37	170.47	0.004	239.37	87.01	qprm
59	1	0.004	239.37	3.07	0.003	239.37	94.69	freq
	1	0.004	239.37	3.07	0.003	239.37	94.66	qprm
	2	0.003	239.37	4.06	0.002	239.37	97.55	freq
	2	0.003	239.37	4.06	0.002	239.37	97.55	qprm
	3	0.020	239.37	179.84	0.002	239.37	84.47	freq
	3	0.020	239.37	179.84	0.002	239.37	84.63	qprm
	4	0.021	239.37	175.88	0.002	239.37	84.96	freq
	4	0.021	239.37	175.88	0.002	239.37	85.12	qprm
58	1	0.003	239.37	32.76	0.000	239.37	135.90	freq
	1	0.003	239.37	32.76	0.000	239.37	135.90	qprm
	2	0.005	239.37	53.39	0.000	239.37	58.05	freq
	2	0.005	239.37	53.35	0.000	239.37	58.94	qprm
	3	0.021	239.37	176.78	0.003	239.37	86.91	freq
	3	0.021	239.37	176.78	0.003	239.37	86.95	qprm
	4	0.018	239.37	179.64	0.000	239.37	140.79	freq
	4	0.018	239.37	179.64	0.000	239.37	139.23	qprm
57	1	0.007	239.37	64.59	0.002	239.37	84.07	freq
	1	0.007	239.37	64.59	0.002	239.37	84.19	qprm
	2	0.007	239.37	142.50	0.006	239.37	89.37	freq
	2	0.007	239.37	142.50	0.006	239.37	89.37	qprm
	3	0.022	239.37	175.27	0.003	239.37	86.94	freq
	3	0.022	239.37	175.27	0.003	239.37	86.94	qprm
	4	0.019	239.37	180.30	0.002	239.37	85.26	freq
	4	0.019	239.37	180.30	0.002	239.37	85.26	qprm
56	1	0.004	239.37	176.42	0.004	239.37	85.79	freq
	1	0.004	239.37	176.42	0.004	239.37	85.79	qprm
	2	0.005	239.37	1.48	0.004	239.37	91.81	freq
	2	0.005	239.37	1.48	0.004	239.37	91.81	qprm
	3	0.022	239.37	0.26	0.003	239.37	93.64	freq
	3	0.022	239.37	0.26	0.003	239.37	93.64	qprm
	4	0.020	239.37	178.44	0.002	239.37	82.29	freq
	4	0.020	239.37	178.44	0.002	239.37	82.29	qprm
55	1	0.006	239.37	17.30	0.006	239.37	90.93	freq
	1	0.006	239.37	17.30	0.006	239.37	90.93	qprm
	2	0.006	239.37	43.88	0.004	239.37	91.75	freq
	2	0.006	239.37	43.88	0.004	239.37	91.75	qprm
	3	0.021	239.37	0.33	0.003	239.37	92.90	freq
	3	0.021	239.37	0.33	0.003	239.37	92.90	qprm
	4	0.021	239.37	0.57	0.002	239.37	93.83	freq
	4	0.021	239.37	0.57	0.002	239.37	93.79	qprm
54	1	0.006	239.37	125.50	0.002	239.37	95.76	freq
	1	0.006	239.37	125.55	0.002	239.37	95.76	qprm
	2	0.004	239.37	124.15	0.000	239.37	134.47	freq
	2	0.004	239.37	124.15	0.000	239.37	134.47	qprm
	3	0.019	239.37	-0.03	0.001	239.37	107.87	freq
	3	0.019	239.37	-0.03	0.001	239.37	107.87	qprm
	4	0.021	239.37	5.90	0.003	239.37	93.49	freq

	4	0.021	239.37	5.90	0.003	239.37	93.49	qprm
53	1	0.003	239.37	46.88	0.000	239.37	134.72	freq
	1	0.003	239.37	46.88	0.000	239.37	134.72	qprm
	2	0.005	239.37	164.12	0.002	239.37	84.68	freq
	2	0.005	239.37	164.12	0.002	239.37	84.73	qprm
	3	0.019	239.37	2.46	0.001	239.37	108.32	freq
	3	0.019	239.37	2.46	0.001	239.37	107.20	qprm
	4	0.021	239.37	2.04	0.002	239.37	94.45	freq
	4	0.021	239.37	2.04	0.002	239.37	94.42	qprm
52	1	0.004	239.37	2.74	0.003	239.37	94.46	freq
	1	0.004	239.37	2.74	0.003	239.37	94.40	qprm
	2	0.005	239.37	1.62	0.005	239.37	92.14	freq
	2	0.005	239.37	1.62	0.005	239.37	92.11	qprm
	3	0.022	239.37	8.21	0.003	239.37	93.82	freq
	3	0.022	239.37	8.21	0.003	239.37	93.72	qprm
	4	0.021	239.37	1.00	0.002	239.37	95.87	freq
	4	0.021	239.37	1.00	0.002	239.37	95.67	qprm
51	1	0.008	239.37	39.49	0.009	239.37	91.20	freq
	1	0.008	239.37	39.49	0.009	239.37	91.19	qprm
	2	0.010	239.37	113.13	0.007	239.37	118.19	freq
	2	0.010	239.37	113.13	0.007	239.37	117.85	qprm
	3	0.020	239.37	11.30	0.003	239.37	93.63	freq
	3	0.020	239.37	11.30	0.003	239.37	93.40	qprm
	4	0.021	239.37	10.28	0.002	239.37	96.25	freq
	4	0.021	239.37	10.28	0.002	239.37	95.70	qprm
50	1	0.012	239.37	72.22	0.005	239.37	139.70	freq
	1	0.012	239.37	72.22	0.005	239.37	138.31	qprm
	2	0.010	239.37	83.05	0.005	239.37	177.54	freq
	2	0.010	239.37	83.05	0.005	239.37	177.54	qprm
	3	0.013	239.37	15.64	0.000	239.37	134.86	freq
	3	0.013	239.37	15.64	0.000	239.37	134.86	qprm
	4	0.019	239.37	21.16	0.001	239.37	98.37	freq
	4	0.019	239.37	21.16	0.002	239.37	97.07	qprm
49	1	0.009	239.37	88.26	0.005	239.37	177.64	freq
	1	0.009	239.37	88.26	0.005	239.37	177.64	qprm
	2	0.003	239.37	88.61	0.003	239.37	176.40	freq
	2	0.003	239.37	88.61	0.003	239.37	176.40	qprm
	3	0.009	239.37	169.67	0.000	239.37	134.86	freq
	3	0.009	239.37	169.67	0.000	239.37	134.86	qprm
	4	0.013	239.37	20.14	0.000	239.37	134.86	freq
	4	0.013	239.37	20.14	0.000	239.37	134.86	qprm
48	1	0.010	239.37	89.43	0.008	239.37	178.35	freq
	1	0.010	239.37	89.43	0.008	239.37	178.35	qprm
	2	0.000	239.37	71.36	0.019	239.37	160.57	freq
	2	0.000	239.37	71.36	0.019	239.37	160.23	qprm
	3	0.013	239.37	178.97	0.006	239.37	87.74	freq
	3	0.013	239.37	178.97	0.007	239.37	88.09	qprm
	4	0.007	239.37	1.73	0.000	239.37	134.84	freq
	4	0.007	239.37	1.73	0.000	239.37	55.29	qprm
47	1	0.015	239.37	88.88	0.004	239.37	-3.02	freq
	1	0.014	239.37	88.61	0.005	239.37	-2.33	qprm
	2	0.018	239.37	89.50	0.004	239.37	-2.43	freq
	2	0.018	239.37	89.50	0.005	239.37	-1.97	qprm
	3	0.017	239.37	88.00	0.002	239.37	-4.93	freq
	3	0.017	239.37	88.00	0.003	239.37	-3.72	qprm
	4	0.014	239.37	85.76	0.002	239.37	-4.98	freq
	4	0.014	239.37	85.76	0.003	239.37	-3.80	qprm
46	1	0.017	239.37	89.29	0.004	239.37	-3.09	freq
	1	0.017	239.37	89.29	0.005	239.37	-2.46	qprm
	2	0.012	239.37	89.05	0.003	239.37	-4.12	freq
	2	0.012	239.37	89.05	0.004	239.37	-3.12	qprm
	3	0.012	239.37	88.93	0.002	239.37	-5.20	freq
	3	0.012	239.37	88.93	0.003	239.37	-3.91	qprm
	4	0.016	239.37	87.70	0.003	239.37	-4.24	freq
	4	0.016	239.37	87.70	0.004	239.37	-3.33	qprm
45	1	0.010	239.37	88.78	0.003	239.37	-4.14	freq
	1	0.010	239.37	88.78	0.004	239.37	-3.16	qprm
	2	0.004	239.37	87.26	0.002	239.37	-6.14	freq
	2	0.004	239.37	87.26	0.003	239.37	-4.25	qprm

	3	0.005	239.37	87.40	0.002	239.37	-6.46	freq
	3	0.005	239.37	87.40	0.003	239.37	-4.63	qprm
	4	0.010	239.37	88.79	0.003	239.37	-4.64	freq
	4	0.010	239.37	88.79	0.003	239.37	-3.59	qprm
44	1	0.004	239.37	-13.09	0.000	239.37	-45.39	freq
	1	0.004	239.37	-13.09	0.000	239.37	-45.39	qprm
	2	0.004	239.37	-17.45	0.000	239.37	-45.39	freq
	2	0.004	239.37	-17.45	0.000	239.37	-45.39	qprm
	3	0.010	239.37	-4.38	0.000	239.37	-45.39	freq
	3	0.010	239.37	-4.38	0.000	239.37	-45.39	qprm
	4	0.009	239.37	-175.66	0.000	239.37	-45.39	freq
	4	0.009	239.37	-175.66	0.000	239.37	-45.39	qprm
43	1	0.004	239.37	-165.13	0.000	239.37	-45.36	freq
	1	0.004	239.37	-165.13	0.000	239.37	-45.36	qprm
	2	0.004	239.37	-13.93	0.000	239.37	-45.36	freq
	2	0.004	239.37	-13.93	0.000	239.37	-45.36	qprm
	3	0.010	239.37	-177.24	0.000	239.37	-45.36	freq
	3	0.010	239.37	-177.24	0.000	239.37	-45.36	qprm
	4	0.010	239.37	-174.44	0.000	239.37	-45.36	freq
	4	0.010	239.37	-174.44	0.000	239.37	-45.36	qprm
42	1	0.004	239.37	-165.94	0.000	239.37	-45.86	freq
	1	0.004	239.37	-165.94	0.000	239.37	-45.86	qprm
	2	0.004	239.37	-170.96	0.000	239.37	-45.86	freq
	2	0.004	239.37	-170.96	0.000	239.37	-45.86	qprm
	3	0.011	239.37	-178.41	0.000	239.37	-142.20	freq
	3	0.011	239.37	-178.41	0.000	239.37	-142.20	qprm
	4	0.011	239.37	-175.08	0.000	239.37	-65.54	freq
	4	0.011	239.37	-175.08	0.000	239.37	-65.75	qprm
41	1	0.005	239.37	-168.01	0.000	239.37	-143.35	freq
	1	0.005	239.37	-168.01	0.000	239.37	-143.35	qprm
	2	0.004	239.37	-172.60	0.000	239.37	-47.01	freq
	2	0.004	239.37	-172.60	0.000	239.37	-47.01	qprm
	3	0.012	239.37	-178.70	0.001	239.37	-70.52	freq
	3	0.012	239.37	-178.70	0.001	239.37	-70.52	qprm
	4	0.012	239.37	-175.99	0.001	239.37	-81.09	freq
	4	0.012	239.37	-175.99	0.001	239.37	-81.09	qprm
40	1	0.005	239.37	-168.13	0.000	239.37	-66.96	freq
	1	0.005	239.37	-168.13	0.000	239.37	-66.96	qprm
	2	0.005	239.37	-173.38	0.000	239.37	-49.57	freq
	2	0.005	239.37	-173.38	0.000	239.37	-49.57	qprm
	3	0.014	239.37	-175.01	0.001	239.37	-83.48	freq
	3	0.014	239.37	-175.01	0.001	239.37	-83.48	qprm
	4	0.013	239.37	-176.25	0.002	239.37	-89.34	freq
	4	0.013	239.37	-176.25	0.002	239.37	-89.34	qprm
39	1	0.005	239.37	0.47	0.000	239.37	-41.39	freq
	1	0.005	239.37	0.47	0.000	239.37	-41.39	qprm
	2	0.005	239.37	-8.40	0.001	239.37	-99.18	freq
	2	0.005	239.37	-8.40	0.001	239.37	-99.09	qprm
	3	0.013	239.37	-3.36	0.002	239.37	-92.13	freq
	3	0.013	239.37	-3.36	0.002	239.37	-91.88	qprm
	4	0.013	239.37	0.47	0.002	239.37	-92.08	freq
	4	0.013	239.37	0.47	0.002	239.37	-92.08	qprm
38	1	0.004	239.37	-9.23	0.000	239.37	-42.85	freq
	1	0.004	239.37	-9.23	0.000	239.37	-42.85	qprm
	2	0.005	239.37	-13.25	0.000	239.37	-123.12	freq
	2	0.005	239.37	-13.25	0.000	239.37	-123.12	qprm
	3	0.012	239.37	-4.35	0.001	239.37	-99.55	freq
	3	0.012	239.37	-4.35	0.001	239.37	-99.55	qprm
	4	0.012	239.37	-1.19	0.001	239.37	-104.58	freq
	4	0.012	239.37	-1.19	0.001	239.37	-104.58	qprm
37	1	0.004	239.37	-11.73	0.000	239.37	-43.88	freq
	1	0.004	239.37	-11.73	0.000	239.37	-43.88	qprm
	2	0.005	239.37	-15.16	0.000	239.37	-43.88	freq
	2	0.005	239.37	-15.16	0.000	239.37	-43.88	qprm
	3	0.011	239.37	-5.60	0.000	239.37	-120.54	freq
	3	0.011	239.37	-5.60	0.000	239.37	-120.54	qprm
	4	0.011	239.37	-1.84	0.000	239.37	-41.21	freq
	4	0.011	239.37	-1.84	0.000	239.37	-41.21	qprm
36	1	0.004	239.37	-14.01	0.000	239.37	-44.41	freq

	1	0.004	239.37	-14.01	0.000	239.37	-44.41	qprm
	2	0.004	239.37	-16.11	0.000	239.37	-44.41	freq
	2	0.004	239.37	-16.11	0.000	239.37	-44.41	qprm
	3	0.010	239.37	-6.46	0.000	239.37	-44.41	freq
	3	0.010	239.37	-6.46	0.000	239.37	-44.41	qprm
	4	0.010	239.37	-3.13	0.000	239.37	-44.41	freq
	4	0.010	239.37	-3.13	0.000	239.37	-44.41	qprm
35	1	0.004	239.37	-162.62	0.000	239.37	-44.58	freq
	1	0.004	239.37	-162.62	0.000	239.37	-44.58	qprm
	2	0.004	239.37	-12.56	0.000	239.37	-134.58	freq
	2	0.004	239.37	-12.56	0.000	239.37	-134.58	qprm
	3	0.009	239.37	-4.88	0.000	239.37	-134.58	freq
	3	0.009	239.37	-4.88	0.000	239.37	-134.58	qprm
	4	0.009	239.37	-175.23	0.000	239.37	-44.58	freq
	4	0.009	239.37	-175.23	0.000	239.37	-44.58	qprm
34	1	0.004	239.37	-162.43	0.000	239.37	-44.60	freq
	1	0.004	239.37	-162.43	0.000	239.37	-44.60	qprm
	2	0.004	239.37	-169.88	0.000	239.37	-44.60	freq
	2	0.004	239.37	-169.88	0.000	239.37	-56.55	qprm
	3	0.009	239.37	-176.34	0.000	239.37	-140.94	freq
	3	0.009	239.37	-176.34	0.000	239.37	-64.73	qprm
	4	0.009	239.37	-173.67	0.000	239.37	-44.60	freq
	4	0.009	239.37	-173.67	0.000	239.37	-49.11	qprm
33	1	0.004	239.37	-168.58	0.001	239.37	-71.25	freq
	1	0.004	239.37	-168.58	0.001	239.37	-78.71	qprm
	2	0.004	239.37	-176.73	0.001	239.37	-77.10	freq
	2	0.004	239.37	-176.73	0.002	239.37	-82.14	qprm
	3	0.010	239.37	-178.43	0.001	239.37	-81.52	freq
	3	0.010	239.37	-178.43	0.002	239.37	-84.03	qprm
	4	0.010	239.37	-174.86	0.001	239.37	-79.05	freq
	4	0.010	239.37	-174.86	0.002	239.37	-82.17	qprm
32	1	0.011	239.37	-267.32	0.001	239.37	-163.82	freq
	1	0.011	239.37	-267.32	0.001	239.37	-170.15	qprm
	2	0.015	239.37	-267.58	0.001	239.37	-159.60	freq
	2	0.015	239.37	-267.58	0.001	239.37	-168.82	qprm
	3	0.015	239.37	-265.75	0.000	239.37	-133.36	freq
	3	0.015	239.37	-265.75	0.000	239.37	-133.36	qprm
	4	0.011	239.37	-265.48	0.000	239.37	-133.36	freq
	4	0.011	239.37	-265.48	0.000	239.37	-141.61	qprm
31	1	0.015	239.37	-266.53	0.001	239.37	-165.21	freq
	1	0.015	239.37	-266.53	0.001	239.37	-170.40	qprm
	2	0.013	239.37	-260.15	0.000	239.37	-133.26	freq
	2	0.013	239.37	-260.15	0.000	239.37	-133.26	qprm
	3	0.015	239.37	-101.28	0.000	239.37	-133.26	freq
	3	0.015	239.37	-101.28	0.000	239.37	-133.26	qprm
	4	0.016	239.37	-94.92	0.000	239.37	-133.26	freq
	4	0.016	239.37	-94.92	0.000	239.37	-133.26	qprm
30	1	0.015	239.37	165.92	0.000	239.37	135.31	freq
	1	0.015	239.37	165.92	0.000	239.37	135.31	qprm
	2	0.019	239.37	166.13	0.000	239.37	141.65	freq
	2	0.019	239.37	166.13	0.000	239.37	53.62	qprm
	3	0.017	239.37	171.59	0.000	239.37	135.31	freq
	3	0.017	239.37	171.59	0.000	239.37	135.31	qprm
	4	0.016	239.37	4.68	0.000	239.37	135.31	freq
	4	0.016	239.37	4.68	0.000	239.37	135.31	qprm
29	1	0.020	239.37	165.95	0.000	239.37	59.92	freq
	1	0.020	239.37	165.95	0.001	239.37	68.90	qprm
	2	0.022	239.37	168.91	0.002	239.37	82.91	freq
	2	0.022	239.37	168.91	0.002	239.37	83.39	qprm
	3	0.019	239.37	171.72	0.000	239.37	135.32	freq
	3	0.019	239.37	171.72	0.000	239.37	135.32	qprm
	4	0.018	239.37	172.90	0.000	239.37	135.32	freq
	4	0.018	239.37	172.90	0.000	239.37	135.32	qprm
28	1	0.022	239.37	170.80	0.002	239.37	83.38	freq
	1	0.022	239.37	170.80	0.002	239.37	83.78	qprm
	2	0.023	239.37	173.04	0.002	239.37	84.55	freq
	2	0.023	239.37	173.04	0.002	239.37	84.74	qprm
	3	0.021	239.37	174.20	0.001	239.37	74.48	freq
	3	0.021	239.37	174.20	0.001	239.37	75.25	qprm

	4	0.020	239.37	172.72	0.001	239.37	71.34	freq
	4	0.020	239.37	172.72	0.001	239.37	73.71	qprm
27	1	0.023	239.37	176.24	0.003	239.37	86.62	freq
	1	0.023	239.37	176.24	0.003	239.37	86.72	qprm
	2	0.022	239.37	175.50	0.002	239.37	83.84	freq
	2	0.022	239.37	175.50	0.002	239.37	83.93	qprm
	3	0.022	239.37	176.52	0.002	239.37	83.92	freq
	3	0.022	239.37	176.52	0.002	239.37	83.92	qprm
	4	0.022	239.37	174.06	0.001	239.37	82.98	freq
	4	0.022	239.37	174.06	0.001	239.37	83.10	qprm
26	1	0.023	239.37	175.51	0.003	239.37	89.03	freq
	1	0.023	239.37	175.51	0.003	239.37	89.03	qprm
	2	0.023	239.37	174.78	0.003	239.37	88.33	freq
	2	0.023	239.37	174.78	0.003	239.37	88.33	qprm
	3	0.023	239.37	176.47	0.003	239.37	88.31	freq
	3	0.023	239.37	176.47	0.003	239.37	88.31	qprm
	4	0.023	239.37	175.06	0.002	239.37	87.61	freq
	4	0.023	239.37	175.06	0.002	239.37	87.61	qprm
25	1	0.026	239.37	171.82	0.005	239.37	93.78	freq
	1	0.026	239.37	171.82	0.005	239.37	93.78	qprm
	2	0.027	239.37	171.25	0.004	239.37	93.74	freq
	2	0.027	239.37	171.27	0.004	239.37	93.74	qprm
	3	0.026	239.37	174.22	0.004	239.37	93.76	freq
	3	0.026	239.37	174.22	0.005	239.37	93.79	qprm
	4	0.025	239.37	172.69	0.004	239.37	93.12	freq
	4	0.025	239.37	172.69	0.004	239.37	93.12	qprm
24	1	0.025	239.37	3.00	0.004	239.37	87.50	freq
	1	0.025	239.37	3.00	0.004	239.37	87.50	qprm
	2	0.026	239.37	4.73	0.004	239.37	87.32	freq
	2	0.026	239.37	4.73	0.004	239.37	87.32	qprm
	3	0.024	239.37	4.14	0.004	239.37	87.62	freq
	3	0.024	239.37	4.14	0.004	239.37	87.62	qprm
	4	0.026	239.37	4.20	0.002	239.37	89.21	freq
	4	0.026	239.37	4.20	0.002	239.37	89.21	qprm
23	1	0.025	239.37	2.04	0.003	239.37	90.47	freq
	1	0.025	239.37	2.04	0.003	239.37	90.47	qprm
	2	0.024	239.37	4.71	0.003	239.37	90.96	freq
	2	0.024	239.37	4.71	0.003	239.37	90.96	qprm
	3	0.023	239.37	4.07	0.002	239.37	92.69	freq
	3	0.023	239.37	4.07	0.002	239.37	92.69	qprm
	4	0.023	239.37	1.44	0.002	239.37	91.98	freq
	4	0.023	239.37	1.44	0.002	239.37	91.93	qprm
22	1	0.023	239.37	3.02	0.002	239.37	93.63	freq
	1	0.023	239.37	3.02	0.002	239.37	93.63	qprm
	2	0.022	239.37	4.26	0.002	239.37	94.43	freq
	2	0.022	239.37	4.26	0.002	239.37	94.43	qprm
	3	0.022	239.37	3.44	0.002	239.37	96.14	freq
	3	0.022	239.37	3.44	0.002	239.37	96.14	qprm
	4	0.022	239.37	2.39	0.002	239.37	95.22	freq
	4	0.022	239.37	2.39	0.002	239.37	95.22	qprm
21	1	0.022	239.37	3.17	0.001	239.37	98.58	freq
	1	0.022	239.37	3.17	0.001	239.37	98.54	qprm
	2	0.022	239.37	3.61	0.002	239.37	96.57	freq
	2	0.022	239.37	3.61	0.002	239.37	96.45	qprm
	3	0.021	239.37	4.83	0.001	239.37	101.41	freq
	3	0.021	239.37	4.83	0.001	239.37	101.25	qprm
	4	0.021	239.37	2.95	0.001	239.37	99.51	freq
	4	0.021	239.37	2.95	0.001	239.37	99.51	qprm
20	1	0.022	239.37	4.81	0.002	239.37	97.07	freq
	1	0.022	239.37	4.81	0.002	239.37	96.81	qprm
	2	0.022	239.37	6.99	0.002	239.37	97.21	freq
	2	0.022	239.37	6.99	0.002	239.37	96.80	qprm
	3	0.020	239.37	6.51	0.001	239.37	109.90	freq
	3	0.020	239.37	6.51	0.001	239.37	107.26	qprm
	4	0.020	239.37	4.65	0.000	239.37	116.30	freq
	4	0.020	239.37	4.65	0.000	239.37	114.14	qprm
19	1	0.022	239.37	8.63	0.002	239.37	96.03	freq
	1	0.022	239.37	8.63	0.002	239.37	95.53	qprm
	2	0.020	239.37	11.80	0.001	239.37	100.26	freq

	2	0.020	239.37	11.80	0.001	239.37	98.58	qprm
	3	0.019	239.37	6.83	0.000	239.37	38.29	freq
	3	0.019	239.37	6.83	0.000	239.37	124.48	qprm
	4	0.019	239.37	6.98	0.000	239.37	134.63	freq
	4	0.019	239.37	6.98	0.000	239.37	134.63	qprm
18	1	0.019	239.37	13.10	0.000	239.37	121.86	freq
	1	0.019	239.37	13.10	0.001	239.37	109.40	qprm
	2	0.016	239.37	13.92	0.000	239.37	134.66	freq
	2	0.016	239.37	13.92	0.000	239.37	134.66	qprm
	3	0.016	239.37	3.81	0.000	239.37	134.66	freq
	3	0.016	239.37	3.81	0.000	239.37	134.66	qprm
	4	0.018	239.37	8.66	0.000	239.37	134.66	freq
	4	0.018	239.37	8.66	0.000	239.37	134.66	qprm
17	1	0.015	239.37	10.49	0.000	239.37	134.68	freq
	1	0.015	239.37	10.49	0.000	239.37	134.68	qprm
	2	0.014	239.37	169.10	0.000	239.37	134.68	freq
	2	0.014	239.37	169.10	0.000	239.37	134.68	qprm
	3	0.016	239.37	175.32	0.002	239.37	82.43	freq
	3	0.016	239.37	175.32	0.002	239.37	84.44	qprm
	4	0.015	239.37	4.62	0.000	239.37	134.68	freq
	4	0.015	239.37	4.62	0.000	239.37	134.68	qprm
16	1	0.016	239.37	87.37	0.001	239.37	-8.23	freq
	1	0.016	239.37	87.37	0.002	239.37	-5.69	qprm
	2	0.012	239.37	87.33	0.001	239.37	-7.93	freq
	2	0.012	239.37	87.33	0.002	239.37	-5.51	qprm
	3	0.012	239.37	83.90	0.000	239.37	-26.18	freq
	3	0.012	239.37	83.90	0.001	239.37	-13.37	qprm
	4	0.016	239.37	84.47	0.000	239.37	-39.34	freq
	4	0.016	239.37	84.47	0.001	239.37	-16.56	qprm
15	1	0.010	239.37	88.59	0.002	239.37	-7.82	freq
	1	0.010	239.37	88.59	0.002	239.37	-5.53	qprm
	2	0.004	239.37	86.93	0.001	239.37	-11.55	freq
	2	0.004	239.37	86.93	0.002	239.37	-7.17	qprm
	3	0.004	239.37	78.68	0.001	239.37	-15.92	freq
	3	0.004	239.37	78.68	0.001	239.37	-9.93	qprm
	4	0.010	239.37	84.99	0.001	239.37	-10.56	freq
	4	0.010	239.37	84.99	0.002	239.37	-7.48	qprm
14	1	0.004	239.37	-10.33	0.000	239.37	-39.08	freq
	1	0.004	239.37	-10.33	0.000	239.37	-115.39	qprm
	2	0.004	239.37	-17.53	0.000	239.37	-45.42	freq
	2	0.004	239.37	-17.53	0.000	239.37	-45.42	qprm
	3	0.010	239.37	-5.96	0.000	239.37	-45.42	freq
	3	0.010	239.37	-5.96	0.000	239.37	-45.42	qprm
	4	0.009	239.37	-3.10	0.000	239.37	-39.08	freq
	4	0.009	239.37	-3.10	0.001	239.37	-114.07	qprm
13	1	0.013	239.37	-172.88	0.000	239.37	-45.52	freq
	1	0.013	239.37	-172.88	0.000	239.37	-45.52	qprm
	2	0.013	239.37	-174.70	0.000	239.37	-45.52	freq
	2	0.013	239.37	-174.70	0.000	239.37	-45.52	qprm
	3	0.019	239.37	-176.20	0.000	239.37	-65.19	freq
	3	0.019	239.37	-176.20	0.001	239.37	-67.03	qprm
	4	0.019	239.37	-174.15	0.001	239.37	-68.42	freq
	4	0.019	239.37	-174.15	0.001	239.37	-71.66	qprm
12	1	0.017	239.37	-175.00	0.003	239.37	-91.40	freq
	1	0.017	239.37	-175.00	0.003	239.37	-91.40	qprm
	2	0.019	239.37	-172.33	0.001	239.37	-82.90	freq
	2	0.019	239.37	-172.33	0.001	239.37	-82.90	qprm
	3	0.022	239.37	-175.42	0.003	239.37	-91.89	freq
	3	0.022	239.37	-175.42	0.003	239.37	-91.89	qprm
	4	0.023	239.37	-173.47	0.003	239.37	-92.20	freq
	4	0.023	239.37	-173.47	0.003	239.37	-92.20	qprm
11	1	0.019	239.37	-9.41	0.003	239.37	-86.41	freq
	1	0.019	239.37	-9.41	0.003	239.37	-86.41	qprm
	2	0.018	239.37	-7.62	0.003	239.37	-86.12	freq
	2	0.018	239.37	-7.62	0.003	239.37	-86.07	qprm
	3	0.024	239.37	-7.87	0.004	239.37	-85.56	freq
	3	0.024	239.37	-7.87	0.004	239.37	-85.56	qprm
	4	0.024	239.37	-7.35	0.004	239.37	-85.51	freq
	4	0.024	239.37	-7.35	0.004	239.37	-85.44	qprm

10	1	0.016	239.37	-6.28	0.001	239.37	-96.41	freq
	1	0.016	239.37	-6.28	0.001	239.37	-96.41	qprm
	2	0.016	239.37	-7.02	0.002	239.37	-93.84	freq
	2	0.016	239.37	-7.02	0.002	239.37	-93.84	qprm
	3	0.022	239.37	-5.02	0.002	239.37	-91.24	freq
	3	0.022	239.37	-5.02	0.002	239.37	-91.24	qprm
	4	0.021	239.37	-3.40	0.002	239.37	-92.19	freq
	4	0.021	239.37	-3.40	0.002	239.37	-92.19	qprm
9	1	0.014	239.37	-5.52	0.000	239.37	-116.85	freq
	1	0.014	239.37	-5.52	0.000	239.37	-116.85	qprm
	2	0.014	239.37	-7.53	0.001	239.37	-107.09	freq
	2	0.014	239.37	-7.53	0.001	239.37	-107.09	qprm
	3	0.020	239.37	-5.19	0.001	239.37	-96.78	freq
	3	0.020	239.37	-5.19	0.001	239.37	-96.78	qprm
	4	0.020	239.37	-3.18	0.001	239.37	-98.42	freq
	4	0.020	239.37	-3.18	0.001	239.37	-98.42	qprm
8	1	0.013	239.37	-6.67	0.000	239.37	-44.25	freq
	1	0.013	239.37	-6.67	0.000	239.37	-44.25	qprm
	2	0.013	239.37	-8.04	0.000	239.37	-44.25	freq
	2	0.013	239.37	-8.04	0.000	239.37	-44.25	qprm
	3	0.019	239.37	-6.66	0.000	239.37	-115.84	freq
	3	0.019	239.37	-6.66	0.001	239.37	-111.81	qprm
	4	0.019	239.37	-4.67	0.001	239.37	-112.03	freq
	4	0.019	239.37	-4.67	0.001	239.37	-111.06	qprm
7	1	0.012	239.37	-7.23	0.000	239.37	-44.53	freq
	1	0.012	239.37	-7.23	0.000	239.37	-44.53	qprm
	2	0.012	239.37	-6.54	0.000	239.37	-44.53	freq
	2	0.012	239.37	-6.54	0.000	239.37	-44.53	qprm
	3	0.017	239.37	-6.81	0.000	239.37	-44.53	freq
	3	0.017	239.37	-6.81	0.000	239.37	-44.53	qprm
	4	0.018	239.37	-5.84	0.000	239.37	-44.53	freq
	4	0.018	239.37	-5.84	0.000	239.37	-44.53	qprm
6	1	0.011	239.37	-173.41	0.000	239.37	-44.57	freq
	1	0.011	239.37	-173.41	0.000	239.37	-44.57	qprm
	2	0.011	239.37	-174.86	0.000	239.37	-44.57	freq
	2	0.011	239.37	-174.86	0.000	239.37	-44.57	qprm
	3	0.015	239.37	-3.45	0.000	239.37	-44.57	freq
	3	0.015	239.37	-3.45	0.000	239.37	-44.57	qprm
	4	0.016	239.37	-4.65	0.000	239.37	-44.57	freq
	4	0.016	239.37	-4.65	0.000	239.37	-44.57	qprm
5	1	0.021	239.37	2.15	0.002	239.37	94.33	freq
	1	0.021	239.37	2.15	0.002	239.37	94.33	qprm
	2	0.021	239.37	4.22	0.002	239.37	92.83	freq
	2	0.021	239.37	4.22	0.002	239.37	92.83	qprm
	3	0.015	239.37	5.57	0.001	239.37	98.20	freq
	3	0.015	239.37	5.57	0.001	239.37	98.20	qprm
	4	0.015	239.37	4.10	0.001	239.37	111.43	freq
	4	0.015	239.37	4.10	0.001	239.37	111.43	qprm
4	1	0.020	239.37	2.42	0.001	239.37	100.60	freq
	1	0.020	239.37	2.42	0.001	239.37	100.60	qprm
	2	0.020	239.37	4.59	0.001	239.37	97.93	freq
	2	0.020	239.37	4.59	0.001	239.37	97.85	qprm
	3	0.014	239.37	6.50	0.000	239.37	121.89	freq
	3	0.014	239.37	6.50	0.000	239.37	121.65	qprm
	4	0.014	239.37	4.06	0.000	239.37	133.90	freq
	4	0.014	239.37	4.06	0.000	239.37	133.90	qprm
3	1	0.018	239.37	5.09	0.000	239.37	134.51	freq
	1	0.018	239.37	5.09	0.000	239.37	134.51	qprm
	2	0.017	239.37	6.42	0.000	239.37	134.51	freq
	2	0.017	239.37	6.42	0.000	239.37	134.51	qprm
	3	0.012	239.37	5.87	0.000	239.37	134.51	freq
	3	0.012	239.37	5.87	0.000	239.37	134.51	qprm
	4	0.012	239.37	6.05	0.000	239.37	134.51	freq
	4	0.012	239.37	6.05	0.000	239.37	134.51	qprm
2	1	0.016	239.37	4.67	0.000	239.37	134.53	freq
	1	0.016	239.37	4.67	0.000	239.37	134.53	qprm
	2	0.015	239.37	3.73	0.000	239.37	134.53	freq
	2	0.015	239.37	3.73	0.000	239.37	134.53	qprm
	3	0.011	239.37	175.02	0.000	239.37	134.53	freq

	3	0.011	239.37	175.02	0.000	239.37	134.53	qprm
	4	0.011	239.37	173.01	0.000	239.37	134.53	freq
	4	0.011	239.37	173.01	0.000	239.37	134.53	qprm
1	1	0.026	239.37	-77.54	0.004	239.37	-11.86	freq
	1	0.026	239.37	-77.54	0.004	239.37	-11.86	qprm
	2	0.022	239.37	-77.22	0.005	239.37	-12.25	freq
	2	0.022	239.37	-77.22	0.005	239.37	-12.25	qprm
	3	0.027	239.37	-74.59	0.004	239.37	-11.78	freq
	3	0.027	239.37	-74.59	0.004	239.37	-11.78	qprm

2.16 Verifica stato limite esercizio: tensioni calcestruzzo

Elemento	Vertice	Rara		Quasi Permanente	
		Tensione	Comb.	Tensione	Comb.
340	1	-16.209	6	-16.112	1
	2	-8.280	6	-8.231	2
	3	-14.494	6	-14.429	1
	4	-21.695	6	-21.567	1
339	1	-12.683	6	-12.515	1
	2	-12.554	6	-12.465	1
	3	-22.142	6	-22.077	1
	4	-19.062	6	-18.941	1
338	1	-15.203	6	-15.172	1
	2	-25.910	8	-25.910	2
	3	-18.203	6	-18.192	1
	4	-20.011	6	-19.948	1
337	1	-18.275	8	-18.275	2
	2	-24.922	8	-24.922	2
	3	-29.992	8	-29.992	2
	4	-25.890	8	-25.890	2
336	1	-17.998	6	-17.853	1
	2	-21.440	6	-21.346	1
	3	-18.681	6	-18.573	1
	4	-24.213	6	-24.190	1
335	1	-7.271	6	-7.220	1
	2	-14.046	6	-13.893	1
	3	-17.049	8	-17.049	2
	4	-9.716	6	-9.569	1
334	1	-10.692	8	-10.692	2
	2	-9.425	8	-9.425	2
	3	-19.645	8	-19.645	2
	4	-18.707	8	-18.707	2
333	1	-19.668	8	-19.668	2
	2	-12.549	8	-12.549	2
	3	-12.132	6	-12.129	1
	4	-16.914	8	-16.914	2
332	1	-16.381	6	-16.365	1
	2	-16.902	6	-16.883	1
	3	-22.329	6	-22.288	1
	4	-20.621	6	-20.599	1
331	1	-20.343	6	-20.292	1
	2	-10.366	6	-10.332	1
	3	-11.687	6	-11.621	1
	4	-19.971	6	-19.940	1
330	1	-10.879	6	-10.824	1
	2	-13.783	8	-13.783	2
	3	-14.897	6	-14.873	1
	4	-14.808	6	-14.736	1
329	1	-15.599	6	-15.588	1
	2	-15.520	8	-15.520	2
	3	-15.454	8	-15.454	2
	4	-12.078	8	-12.078	2
328	1	-17.628	8	-17.628	2
	2	-22.615	8	-22.615	2
	3	-28.646	8	-28.646	2
	4	-24.803	8	-24.803	2
327	1	-21.459	6	-21.458	1
	2	-17.694	6	-17.630	1
	3	-16.849	8	-16.849	2
	4	-25.242	8	-25.242	2
326	1	-16.083	6	-15.974	1

	2	-15.973	6	-15.871	1
	3	-17.719	6	-17.621	1
	4	-17.591	6	-17.484	1
325	1	-13.419	6	-13.333	1
	2	-8.147	6	-7.543	1
	3	-16.519	6	-16.474	1
	4	-21.419	6	-21.314	1
324	1	-7.883	8	-7.883	2
	2	-16.490	6	-16.474	1
	3	-7.684	8	-7.684	2
323	1	-24.353	6	-24.083	1
	2	-13.004	6	-12.877	1
	3	-26.699	6	-26.505	1
	4	-26.141	6	-25.981	1
322	1	-25.862	6	-25.744	1
	2	-27.828	6	-27.702	1
	3	-32.235	6	-32.044	1
	4	-26.835	6	-26.677	1
321	1	-20.119	8	-20.119	2
	2	-25.873	6	-25.811	2
	3	-32.838	6	-32.696	1
	4	-30.396	6	-30.277	1
320	1	-16.474	6	-16.358	1
	2	-20.239	8	-20.239	2
	3	-33.103	6	-33.067	1
	4	-37.266	6	-37.243	1
319	1	-10.154	8	-10.154	2
	2	-14.663	8	-14.663	2
	3	-39.149	6	-39.140	1
	4	-35.280	6	-35.276	1
318	1	-12.170	8	-12.170	2
	2	-29.578	8	-29.578	2
	3	-37.500	8	-37.500	2
	4	-36.616	8	-36.616	2
317	1	-28.957	8	-28.957	2
	2	-27.721	8	-27.721	2
	3	-45.603	6	-45.597	1
	4	-36.873	8	-36.873	2
316	1	-35.758	8	-35.758	2
	2	-17.617	6	-17.610	1
	3	-24.652	8	-24.652	2
	4	-32.976	6	-32.953	1
315	1	-31.098	6	-31.031	1
	2	-16.369	6	-16.229	1
	3	0.000	0	0.000	0
314	1	-29.693	6	-29.655	1
	2	-35.977	6	-35.957	1
	3	-30.851	6	-30.829	1
313	1	-24.274	6	-23.996	1
	2	-13.435	6	-13.317	1
	3	-26.730	6	-26.549	1
	4	-25.671	6	-25.509	1
312	1	-25.573	6	-25.470	1
	2	-27.532	6	-27.215	2
	3	-32.070	6	-31.876	1
	4	-26.649	6	-26.478	1
311	1	-20.266	8	-20.266	2
	2	-25.742	8	-25.742	2
	3	-32.578	6	0.000	0
	4	-30.049	6	-29.939	1
310	1	-17.179	6	-17.038	1
	2	-20.784	6	-20.781	1
	3	-33.283	6	-33.234	1
	4	-37.081	6	-37.042	1
309	1	-13.161	8	-13.161	2
	2	-15.571	8	-15.571	2
	3	-39.532	6	-39.505	1
	4	-35.736	6	-35.701	1
308	1	-9.875	8	-9.875	2

	2	-28.370	8	-28.370	2
	3	-37.105	8	-37.105	2
	4	-36.662	8	-36.662	2
307	1	-28.746	8	-28.746	2
	2	-27.489	8	-27.489	2
	3	-45.809	6	-45.784	1
	4	-36.642	6	-36.611	1
306	1	-35.926	6	-35.922	1
	2	-18.108	6	-18.100	1
	3	-24.447	8	-24.447	2
	4	-32.855	7	-32.824	1
305	1	-30.830	6	-30.763	1
	2	-16.625	6	-16.484	1
	3	0.000	0	0.000	0
304	1	-29.827	6	-29.780	1
	2	-36.047	6	-36.011	1
	3	-30.771	6	-30.732	1
303	1	-18.806	8	-18.806	2
	2	-14.354	6	-14.160	1
	3	-15.958	8	-15.958	2
	4	-19.895	8	-19.895	2
302	1	-13.757	6	-13.721	1
	2	-13.529	6	-13.398	1
	3	-19.350	8	-19.350	2
	4	-16.867	8	-16.867	2
301	1	-13.511	8	-13.511	2
	2	-24.264	8	-24.264	2
	3	-16.674	8	-16.674	2
	4	-18.024	8	-18.024	2
300	1	-17.151	8	-17.151	2
	2	-22.743	8	-22.743	2
	3	-26.166	8	-26.166	2
	4	-21.979	8	-21.979	2
299	1	-16.941	6	-16.876	1
	2	-21.697	6	-21.645	1
	3	-4.830	6	-4.793	1
	4	-21.084	8	-21.084	2
298	1	-4.666	6	-4.616	1
	2	-12.130	6	-12.049	1
	3	-18.106	8	-18.106	2
	4	-11.180	8	-11.180	2
297	1	-10.319	6	-10.303	1
	2	-8.634	8	-8.636	1
	3	-19.457	8	-19.457	2
	4	-18.781	8	-18.781	2
296	1	-21.111	8	-21.111	2
	2	-13.681	8	-13.681	2
	3	-11.905	8	-11.905	2
	4	-15.990	8	-15.990	2
295	1	-17.124	8	-17.124	2
	2	-14.109	8	-14.109	2
	3	-20.683	8	-20.683	2
	4	-19.971	8	-19.971	2
294	1	-17.951	8	-17.951	2
	2	-8.922	6	-8.892	1
	3	-10.047	6	-9.987	1
	4	-17.695	8	-17.695	2
293	1	-9.547	6	-9.504	1
	2	-11.735	6	-11.727	1
	3	-16.228	8	-16.228	2
	4	-15.514	6	-15.494	1
292	1	-18.139	6	-18.071	1
	2	-17.328	6	-17.319	1
	3	-12.268	8	-12.268	2
	4	-12.138	6	-12.107	1
291	1	-15.186	8	-15.186	2
	2	-20.163	8	-20.163	2
	3	-26.313	8	-26.313	2
	4	-22.507	8	-22.507	2

290	1	-18.947	8	-18.947	2
	2	-16.165	6	-16.141	1
	3	-16.149	8	-16.149	2
	4	-23.546	8	-23.546	2
289	1	-15.691	6	-15.645	1
	2	-16.333	6	-16.327	1
	3	-15.691	8	-15.691	2
	4	-7.093	8	-7.093	2
288	1	-15.154	8	-15.154	2
	2	-13.898	6	-13.608	1
	3	-18.799	8	-18.799	2
	4	-19.717	8	-19.717	2
287	1	-6.848	8	-6.848	2
	2	-13.783	8	-13.783	2
	3	-8.123	6	-8.095	1
262	1	-12.794	6	-12.758	1
	2	-8.829	8	-8.829	2
	3	-12.281	6	-12.212	1
	4	-15.798	6	-15.727	1
261	1	-8.685	8	-8.685	2
	2	-10.002	8	-10.002	2
	3	-10.492	8	-10.492	2
	4	-9.032	6	-8.965	1
260	1	-11.397	7	-11.435	1
	2	-19.919	8	-19.919	2
	3	-21.714	8	-21.714	2
	4	-15.385	8	-15.385	2
259	1	-18.594	8	-18.594	2
	2	-18.418	8	-18.418	2
	3	-23.533	8	-23.533	2
	4	-25.166	8	-25.166	2
258	1	-24.871	8	-24.871	2
	2	-32.659	8	-32.659	2
	3	-21.835	8	-21.835	2
	4	-24.017	8	-24.017	2
257	1	-30.438	6	-30.435	1
	2	-19.898	6	-19.879	1
	3	-14.918	8	-14.918	2
	4	-20.713	8	-20.713	2
256	1	-16.664	6	-16.629	1
	2	-18.777	6	-18.768	1
	3	-16.068	8	-16.068	2
	4	-12.803	6	-12.794	1
255	1	-21.196	6	-21.192	1
	2	-29.596	6	-29.580	1
	3	-15.244	8	-15.244	2
	4	-15.628	8	-15.628	2
254	1	-30.024	6	-30.002	1
	2	-22.268	6	-22.257	1
	3	-15.323	6	-15.316	1
	4	-15.615	8	-15.615	2
253	1	-19.495	6	-19.484	1
	2	-14.967	6	-14.921	1
	3	-8.373	8	-8.373	2
	4	-16.160	8	-16.160	2
252	1	-17.308	6	-17.271	1
	2	-27.869	6	-27.847	1
	3	-20.054	8	-20.054	2
	4	-11.678	8	-11.678	2
251	1	-30.249	6	-30.236	1
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	3	-23.430	8	-23.430	2
	4	-20.964	8	-20.964	2
250	1	-23.920	8	-23.920	2
	2	-19.242	8	-19.242	2
	3	-21.863	8	-21.863	2
	4	-25.967	8	-25.967	2
249	1	-21.731	8	-21.731	2
	2	-14.062	8	-14.062	2

	3	-16.439	8	-16.439	2
	4	-22.183	8	-22.183	2
248	1	-10.810	6	-10.803	1
	2	-7.797	6	-7.680	1
	3	-9.426	8	-9.426	2
	4	-11.044	8	-11.044	2
247	1	-7.844	6	-7.823	1
	2	-11.928	6	-11.688	1
	3	-13.855	6	-13.653	1
	4	-9.137	6	-8.931	1
246	1	-13.014	6	-12.832	1
	2	-10.412	7	-10.367	1
	3	-22.114	6	-22.029	1
	4	-11.879	6	-11.806	1
245	1	-21.917	6	-21.878	1
	2	-10.974	6	-10.822	1
	3	-11.890	6	-11.825	1
	4	-9.488	6	-9.406	1
244	1	-13.084	6	-12.995	1
	2	-16.459	6	-16.353	1
	3	-13.318	6	-13.310	1
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243	1	-15.762	6	-15.652	1
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	3	-24.348	6	-24.293	1
	4	-13.730	6	-13.627	1
242	1	-24.020	6	-23.980	1
	2	-13.385	6	-13.383	1
	3	-14.102	6	-13.993	1
	4	-8.976	6	-8.917	1
241	1	-14.482	6	-14.403	1
	2	-14.279	6	-14.216	1
	3	-12.367	8	-12.367	2
	4	-7.783	6	-7.617	1
240	1	-17.511	6	-17.455	1
	2	-10.881	8	-10.881	2
	3	-24.520	6	-24.495	1
	4	-11.798	6	-11.726	1
239	1	-24.808	6	-24.757	1
	2	-16.158	6	-16.107	1
	3	-14.926	6	-14.863	1
	4	-12.343	6	-12.220	1
238	1	-21.574	6	-21.467	1
	2	-10.884	8	-10.884	2
	3	-17.625	8	-17.625	2
	4	-19.780	8	-19.780	2
237	1	-10.284	8	-10.284	2
	2	-21.122	6	-21.058	1
	3	-16.661	8	-16.661	2
	4	-13.311	8	-13.311	2
236	1	-5.702	6	-5.681	1
	2	-22.554	6	-22.459	1
	3	-17.532	8	-17.532	2
	4	-14.018	8	-14.018	2
235	1	-23.666	6	-23.597	1
	2	-12.384	8	-12.384	2
	3	-17.249	8	-17.249	2
	4	-20.537	8	-20.537	2
234	1	-8.526	6	-8.370	1
	2	-23.866	6	-23.794	1
	3	-18.542	8	-18.542	2
	4	-15.396	6	-15.395	1
233	1	-24.066	6	-24.026	1
	2	-12.047	6	-12.021	1
	3	-13.492	8	-13.492	2
	4	-16.983	8	-16.983	2
232	1	-18.867	8	-18.867	2
	2	-14.185	8	-14.185	2
	3	-16.120	8	-16.120	2

	4	-17.774	8	-17.774	2
231	1	-21.566	8	-21.566	2
	2	-21.120	8	-21.120	2
	3	-15.000	8	-15.000	2
	4	-15.569	8	-15.569	2
230	1	-14.586	8	-14.586	2
	2	-14.230	8	-14.230	2
	3	-15.294	8	-15.294	2
	4	-15.076	8	-15.076	2
229	1	-14.704	8	-14.704	2
	2	-14.391	8	-14.391	2
	3	-18.298	8	-18.298	2
	4	-16.813	8	-16.813	2
228	1	-17.013	8	-17.013	2
	2	-17.155	8	-17.155	2
	3	-16.953	8	-16.953	2
	4	-16.472	8	-16.472	2
227	1	-16.759	8	-16.759	2
	2	-16.556	8	-16.556	2
	3	-17.560	8	-17.560	2
	4	-17.791	8	-17.791	2
226	1	-16.046	8	-16.046	2
	2	-17.773	8	-17.773	2
	3	-19.213	8	-19.213	2
	4	-18.209	8	-18.209	2
225	1	-20.740	8	-20.740	2
	2	-21.134	8	-21.134	2
	3	-17.007	8	-17.007	2
	4	-16.599	8	-16.599	2
224	1	-11.392	6	-11.370	1
	2	-5.517	8	-5.517	2
	3	-12.805	8	-12.805	2
	4	-16.701	8	-16.701	2
223	1	-12.811	8	-12.811	2
	2	-8.405	6	-8.222	1
	3	-13.505	8	-13.505	2
	4	-15.530	8	-15.530	2
222	1	-18.557	8	-18.557	2
	2	-15.028	8	-15.028	2
	3	-15.060	8	-15.060	2
	4	-17.491	8	-17.491	2
221	1	-12.793	8	-12.793	2
	2	-8.375	8	-8.375	2
	3	-17.470	8	-17.470	2
	4	-18.607	8	-18.607	2
220	1	-10.348	8	-10.348	2
	2	-15.665	8	-15.665	2
	3	-17.964	8	-17.964	2
	4	-10.867	8	-10.867	2
219	1	-13.580	6	-13.569	1
	2	-15.527	8	-15.527	2
	3	-20.149	8	-20.149	2
	4	-21.306	8	-21.306	2
218	1	-22.261	8	-22.261	2
	2	-31.573	8	-31.573	2
	3	-19.447	8	-19.447	2
	4	-21.070	8	-21.070	2
217	1	-30.627	8	-30.627	2
	2	-20.616	8	-20.616	2
	3	-16.721	8	-16.721	2
	4	-18.678	8	-18.678	2
216	1	-17.513	6	-17.502	1
	2	-17.380	6	-17.378	1
	3	-15.709	6	-15.700	1
	4	-15.608	8	-15.608	2
215	1	-21.262	6	-21.260	1
	2	-27.854	6	-27.841	1
	3	-18.701	8	-18.701	2
	4	-14.364	6	-14.333	2

214	1	-30.008	6	-29.986	1
	2	-18.326	6	-18.265	1
	3	-21.979	8	-21.979	2
	4	-18.280	8	-18.280	2
213	1	-16.388	8	-16.388	2
	2	-14.752	6	-14.673	1
	3	-17.065	8	-17.065	2
	4	-15.223	8	-15.223	2
212	1	-18.681	6	-18.664	1
	2	-26.190	6	-26.156	1
	3	-14.475	8	-14.475	2
	4	-15.287	8	-15.287	2
211	1	-29.071	6	-29.057	1
	2	-21.523	8	-21.523	2
	3	-19.483	6	-19.440	1
	4	-17.957	8	-17.957	2
210	1	-19.216	8	-19.216	2
	2	-14.073	8	-14.073	2
	3	-16.388	6	-16.365	1
	4	-21.535	6	-21.528	1
209	1	-16.209	6	-16.190	1
	2	-9.834	6	-9.706	1
	3	-10.581	6	-10.527	1
	4	-17.762	6	-17.741	1
208	1	-9.135	6	-9.020	1
	2	-11.094	8	-11.094	2
	3	-17.047	8	-17.047	2
	4	-16.191	6	-16.188	1
207	1	-12.084	8	-12.084	2
	2	-17.298	8	-17.298	2
	3	-18.548	8	-18.548	2
	4	-14.513	8	-14.513	2
206	1	-22.775	8	-22.775	2
	2	-30.995	8	-30.995	2
	3	-29.057	8	-29.057	2
	4	-15.980	8	-15.980	2
205	1	-30.288	8	-30.288	2
	2	-29.911	8	-29.911	2
	3	-18.321	8	-18.321	2
	4	-22.515	8	-22.515	2
204	1	-19.031	8	-19.031	2
	2	-16.703	8	-16.703	2
	3	-16.508	8	-16.508	2
	4	-15.790	8	-15.790	2
203	1	-22.916	8	-22.916	2
	2	-31.721	8	-31.721	2
	3	-31.509	8	-31.509	2
	4	-19.137	8	-19.137	2
202	1	-31.585	8	-31.585	2
	2	-31.827	8	-31.827	2
	3	-20.338	8	-20.338	2
	4	-21.798	8	-21.798	2
201	1	-17.587	8	-17.587	2
	2	-19.653	8	-19.653	2
	3	-17.687	8	-17.687	2
	4	-16.821	8	-16.821	2
200	1	-21.171	8	-21.171	2
	2	-33.557	8	-33.557	2
	3	-33.645	8	-33.645	2
	4	-20.666	8	-20.666	2
199	1	-31.138	8	-31.138	2
	2	-34.061	8	-34.061	2
	3	-20.502	8	-20.502	2
	4	-20.309	8	-20.309	2
198	1	-27.864	6	-27.848	1
	2	-19.695	8	-19.695	2
	3	-15.095	8	-15.095	2
	4	-17.698	6	-17.696	1
197	1	-23.774	6	-23.646	1

	2	-19.922	6	-19.895	1
	3	-20.619	6	-20.573	1
196	1	-20.609	8	-20.609	2
	2	-29.426	6	-29.422	1
	3	-17.198	6	-17.179	1
	4	-15.163	8	-15.163	2
195	1	-30.605	6	-30.586	1
	2	-17.276	8	-17.276	2
	3	-20.171	8	-20.171	2
	4	-22.041	6	-22.021	1
194	1	-21.076	8	-21.076	2
	2	-31.116	6	-31.104	1
	3	-20.513	6	-20.499	1
	4	-21.103	6	-21.100	1
193	1	-32.485	6	-32.483	1
	2	-22.728	8	-22.728	2
	3	-22.360	8	-22.360	2
	4	-23.459	8	-23.459	2
192	1	-17.066	8	-17.066	2
	2	-14.690	8	-14.690	2
	3	-14.915	6	-14.880	1
	4	-17.081	6	-17.068	1
191	1	-17.466	8	-17.466	2
	2	-17.792	8	-17.792	2
	3	-19.688	8	-19.688	2
	4	-16.011	8	-16.011	2
190	1	-13.389	8	-13.389	2
	2	-13.363	6	-13.322	1
	3	-13.499	8	-13.499	2
	4	-14.350	8	-14.350	2
189	1	-16.738	8	-16.738	2
	2	-16.449	8	-16.449	2
	3	-20.104	8	-20.104	2
	4	-19.273	8	-19.273	2
188	1	-22.536	8	-22.536	2
	2	-21.832	6	-21.793	1
	3	-18.519	6	-18.385	1
	4	-21.967	6	-21.934	1
187	1	-19.751	6	-19.701	1
	2	-20.250	6	-20.247	1
	3	-17.840	6	-17.819	1
	4	-17.017	6	-16.931	1
186	1	-21.077	6	-21.048	1
	2	-20.384	6	-20.354	1
	3	-22.228	6	-22.172	1
	4	-21.802	6	-21.770	1
185	1	-18.099	6	-18.059	1
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	3	-11.805	6	-11.802	1
	4	-15.719	6	-15.690	1
184	1	-14.796	8	-14.796	2
	2	-17.315	8	-17.315	2
	3	-12.836	8	-12.836	2
	4	-13.526	6	-13.523	1
183	1	-14.976	6	-14.970	1
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	3	-16.474	6	-16.457	1
	4	-16.789	8	-16.789	2
182	1	-23.546	6	-23.485	1
	2	-28.275	6	-28.235	1
	3	-28.726	6	-28.640	1
181	1	-22.729	6	-22.718	1
	2	-19.934	6	-19.925	1
	3	-20.371	6	-20.355	1
	4	-28.297	6	-28.243	1
180	1	-15.953	8	-15.953	2
	2	-17.090	8	-17.090	2
	3	-17.166	8	-17.166	2
	4	-15.804	8	-15.804	2

179	1	-15.121	8	-15.121	2
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	3	-19.069	8	-19.069	2
	4	-20.896	8	-20.896	2
178	1	-13.028	6	-13.016	1
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	3	-16.226	8	-16.226	2
	4	-12.956	6	-12.955	1
177	1	-11.121	6	-11.118	1
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	4	-19.307	8	-19.307	2
176	1	-21.221	8	-21.221	2
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	4	-19.226	8	-19.226	2
175	1	-31.790	6	-31.776	1
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	4	-17.263	8	-17.263	2
174	1	-18.734	6	-18.705	1
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173	1	-20.285	8	-20.285	2
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	4	-15.574	8	-15.574	2
172	1	-29.494	6	-29.455	1
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	3	-14.144	6	-14.081	1
	4	-15.417	8	-15.417	2
171	1	-19.703	6	-19.575	1
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	3	-7.184	8	-7.184	2
	4	-15.975	6	-15.904	1
170	1	-27.974	8	-27.974	2
	2	-20.195	8	-20.195	2
	3	-23.110	6	-23.084	1
	4	-18.725	6	-18.651	1
169	1	-27.124	6	-27.004	1
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	4	-17.311	8	-17.311	2
168	1	-15.349	8	-15.349	2
	2	-9.647	8	-9.647	2
	3	-10.436	6	-10.392	1
	4	-15.545	8	-15.545	2
167	1	-11.312	6	-11.188	1
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	4	-12.997	6	-12.965	1
166	1	-12.693	8	-12.693	2
	2	-15.011	8	-15.011	2
	3	-19.089	8	-19.089	2
	4	-17.494	8	-17.494	2
165	1	-14.819	8	-14.819	2
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164	1	-19.539	8	-19.539	2
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	3	-30.033	6	-30.002	1
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163	1	-21.781	6	-21.756	1
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162	1	-18.836	6	-18.808	1

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161	1	-20.724	8	-20.724	2
	2	-30.090	8	-30.090	2
	3	-30.740	8	-30.740	2
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160	1	-30.571	8	-30.571	2
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159	1	-17.606	8	-17.606	2
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158	1	-21.806	8	-21.806	2
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	3	-32.824	8	-32.824	2
	4	-19.475	8	-19.475	2
157	1	-31.849	8	-31.849	2
	2	-33.081	8	-33.081	2
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	4	-22.150	8	-22.150	2
156	1	-26.229	6	-26.220	1
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155	1	-22.173	8	-22.173	2
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154	1	-19.830	6	-19.821	1
	2	-29.557	6	-29.538	1
	3	-23.050	6	-23.048	1
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153	1	-29.360	6	-29.352	1
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	3	-19.531	8	-19.531	2
	4	-20.096	8	-20.096	2
152	1	-20.371	8	-20.371	2
	2	-30.603	6	-30.591	1
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151	1	-33.087	8	-33.087	2
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	3	-23.702	8	-23.702	2
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150	1	-17.939	8	-17.939	2
	2	-15.747	8	-15.747	2
	3	-14.467	8	-14.467	2
	4	-16.258	8	-16.258	2
149	1	-15.925	8	-15.925	2
	2	-16.393	8	-16.393	2
	3	-20.839	8	-20.839	2
	4	-17.348	8	-17.348	2
148	1	-13.935	8	-13.935	2
	2	-13.059	8	-13.059	2
	3	-14.129	8	-14.129	2
	4	-14.972	8	-14.972	2
147	1	-14.101	8	-14.101	2
	2	-15.401	8	-15.401	2
	3	-15.108	8	-15.108	2
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146	1	-13.795	8	-13.795	2
	2	-12.369	8	-12.369	2
	3	-16.782	6	-16.760	1
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145	1	-14.849	8	-14.849	2
	2	-10.719	6	-10.654	1

	3	-19.149	6	-19.147	1
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144	1	-27.343	6	-27.274	1
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	3	-22.533	6	-22.495	1
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143	1	-14.588	6	-14.561	1
	2	-12.741	6	-12.738	1
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142	1	-10.898	8	-10.898	2
	2	-15.611	6	-15.583	1
	3	-20.467	6	-20.402	1
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141	1	-15.189	6	-15.184	1
	2	-15.673	6	-15.666	1
	3	-15.731	8	-15.731	2
	4	-16.596	8	-16.596	2
140	1	-22.257	8	-22.257	2
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	3	-21.438	6	-21.425	1
	4	-29.531	6	-29.498	1
139	1	-11.327	6	-11.315	1
	2	-13.118	6	-12.979	1
	3	-11.832	6	-11.727	1
	4	-22.482	6	-22.410	1
138	1	-13.810	6	-13.656	1
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	3	-7.531	6	-7.525	1
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137	1	-7.744	6	-7.619	1
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	3	-12.481	8	-12.481	2
	4	-10.126	8	-10.126	2
136	1	-10.130	6	-10.099	1
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135	1	-21.956	8	-21.956	2
	2	-20.218	6	-20.207	1
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134	1	-20.548	6	-20.547	1
	2	-11.106	8	-11.106	2
	3	-14.384	6	-14.290	1
	4	-22.568	6	-22.549	1
133	1	-15.881	8	-15.881	2
	2	-29.429	6	-29.389	1
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	4	-24.226	6	-24.187	1
132	1	-10.387	8	-10.387	2
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	3	-11.603	8	-11.603	2
131	1	-14.876	8	-14.876	2
	2	-17.181	8	-17.181	2
	3	-19.216	8	-19.216	2
	4	-18.699	8	-18.699	2
130	1	-21.850	8	-21.850	2
	2	-30.725	8	-30.725	2
	3	-30.965	8	-30.965	2
	4	-21.046	8	-21.046	2
129	1	-31.375	8	-31.375	2
	2	-32.275	8	-32.275	2
	3	-19.591	8	-19.591	2
	4	-22.151	8	-22.151	2
128	1	-18.938	8	-18.938	2
	2	-18.555	8	-18.555	2
	3	-17.569	8	-17.569	2
	4	-17.752	8	-17.752	2

127	1	-22.739	8	-22.739	2
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	3	-32.579	8	-32.579	2
	4	-18.091	8	-18.091	2
126	1	-35.730	8	-35.730	2
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125	1	-15.730	8	-15.730	2
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	3	-16.189	8	-16.189	2
	4	-17.725	8	-17.725	2
124	1	-17.660	6	-17.626	1
	2	-17.675	6	-17.632	1
	3	-22.285	6	-22.278	1
123	1	-15.202	8	-15.202	2
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	3	-10.664	8	-10.664	2
	4	-16.318	8	-16.318	2
122	1	-7.248	8	-7.248	2
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121	1	-9.691	8	-9.691	2
	2	-12.957	6	-12.940	1
	3	-16.089	6	-16.032	1
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	2	-16.187	6	-16.130	1
	3	-25.340	6	-25.282	1
	4	-14.147	6	-14.064	1
119	1	-25.173	6	-25.143	1
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	3	-17.335	6	-17.284	1
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118	1	-13.151	6	-13.059	1
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	4	-12.994	6	-12.971	1
117	1	-15.668	6	-15.609	1
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	3	-23.691	6	-23.618	1
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116	1	-24.459	6	-24.408	1
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	3	-15.622	6	-15.508	1
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115	1	-16.348	6	-16.237	1
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114	1	-11.572	6	-11.500	1
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	3	-22.833	6	-22.778	1
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	3	-17.465	8	-17.465	2
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	3	-23.561	6	-23.516	1
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	3	-22.443	8	-22.443	2
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110	1	-29.252	6	-29.230	1
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	3	-18.454	8	-18.454	2
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	3	-25.746	8	-25.746	2
	4	-24.895	8	-24.895	2
107	1	-8.934	6	-8.887	1
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	4	-12.882	8	-12.882	2
106	1	-24.654	6	-24.650	1
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105	1	-12.574	8	-12.574	2
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	3	-15.901	8	-15.901	2
	4	-21.306	8	-21.306	2
103	1	-10.365	6	-10.361	1
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102	1	-22.635	6	-22.586	1
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	3	-13.470	8	-13.470	2
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101	1	-14.366	8	-14.366	2
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	3	-16.723	8	-16.723	2
	4	-14.874	8	-14.874	2
100	1	-25.997	6	-25.987	1
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	4	-23.084	8	-23.084	2
99	1	-15.077	8	-15.077	2
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	4	-11.000	8	-11.000	2
98	1	-22.714	8	-22.714	2
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	3	-20.233	8	-20.233	2
	4	-18.485	8	-18.485	2
97	1	-17.744	8	-17.744	2
	2	-14.936	6	-14.935	1
	3	-14.609	8	-14.609	2
	4	-14.310	8	-14.310	2
96	1	-18.381	8	-18.381	2
	2	-16.016	8	-16.016	2
	3	-16.637	8	-16.637	2
	4	-19.519	8	-19.519	2
95	1	-5.664	6	-5.657	1
	2	-8.404	8	-8.404	2
	3	-14.894	8	-14.894	2
	4	-13.882	8	-13.882	2
94	1	-18.581	8	-18.581	2
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	3	-21.492	8	-21.492	2
	4	-22.259	8	-22.259	2
93	1	-15.798	8	-15.798	2
	2	-16.517	8	-16.517	2
	3	-15.906	8	-15.906	2

	4	-16.687	8	-16.687	2
92	1	-13.848	8	-13.848	2
	2	-13.222	6	-13.201	1
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	4	-15.494	8	-15.494	2
91	1	-21.266	8	-21.266	2
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90	1	-21.267	8	-21.267	2
	2	-25.238	8	-25.238	2
	3	-23.364	8	-23.364	2
	4	-18.555	8	-18.555	2
89	1	-15.752	8	-15.752	2
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	3	-19.995	8	-19.995	2
	4	-20.081	8	-20.081	2
88	1	-21.486	8	-21.486	2
	2	-21.654	8	-21.654	2
	3	-9.878	8	-9.878	2
	4	-18.022	8	-18.022	2
87	1	-17.528	6	-17.511	1
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	3	-21.105	8	-21.105	2
	4	-27.123	6	-27.118	1
86	1	-17.550	6	-17.541	1
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	3	-21.718	8	-21.718	2
	4	-17.144	8	-17.144	2
85	1	-19.532	8	-19.532	2
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	3	-14.720	8	-14.720	2
	4	-16.847	8	-16.847	2
84	1	-22.585	8	-22.585	2
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	4	-26.712	8	-26.712	2
83	1	-6.326	6	-5.806	1
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	4	-5.698	6	-5.364	1
82	1	-5.879	6	-5.392	1
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	3	-5.501	8	-5.501	2
	4	-5.186	8	-5.186	2
81	1	-5.193	6	-4.818	1
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80	1	-4.692	6	-4.394	1
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	4	-4.421	8	-4.421	2
79	1	-4.400	6	-3.990	1
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78	1	-4.785	6	-4.395	1
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77	1	-4.999	6	-4.611	1
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76	1	-5.057	6	-4.667	1
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75	1	-4.994	6	-4.609	1
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74	1	-4.826	6	-4.391	1
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	4	-4.291	8	-4.291	2
73	1	-4.819	6	-4.391	1
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72	1	-4.514	6	-4.083	1
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67	1	-6.292	8	-6.292	2
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66	1	-10.564	8	-10.564	2
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65	1	-13.204	6	-13.144	1
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63	1	-6.751	8	-6.751	2
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62	1	-11.258	8	-11.258	2
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61	1	-16.450	6	-16.436	1
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57	1	-11.843	8	-11.843	2
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51	1	-16.643	8	-16.643	2
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48	1	-11.602	8	-11.602	2
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47	1	-12.643	6	-12.545	1
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46	1	-12.628	6	-12.606	1
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45	1	-9.617	8	-9.617	2
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44	1	-5.804	8	-5.804	2
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43	1	-6.186	8	-6.186	2
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42	1	-6.500	8	-6.500	2
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	3	-9.294	8	-9.294	2
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41	1	-6.662	8	-6.662	2
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40	1	-6.982	8	-6.982	2
	2	-6.333	8	-6.333	2
	3	-10.767	8	-10.767	2
	4	-10.817	8	-10.817	2
39	1	-6.401	8	-6.401	2
	2	-7.217	8	-7.217	2
	3	-10.763	8	-10.763	2
	4	-10.547	8	-10.547	2
38	1	-6.273	8	-6.273	2
	2	-7.032	8	-7.032	2
	3	-10.188	8	-10.188	2
	4	-9.660	8	-9.660	2
37	1	-6.205	8	-6.205	2
	2	-6.747	8	-6.747	2
	3	-9.782	8	-9.782	2
	4	-9.275	8	-9.275	2
36	1	-6.012	8	-6.012	2
	2	-6.380	8	-6.380	2
	3	-9.440	8	-9.440	2
	4	-9.108	8	-9.108	2
35	1	-6.020	8	-6.020	2
	2	-5.762	8	-5.762	2
	3	-8.912	8	-8.912	2
	4	-8.998	8	-8.998	2
34	1	-6.184	8	-6.184	2
	2	-5.846	8	-5.846	2
	3	-8.867	8	-8.867	2
	4	-9.117	8	-9.117	2
33	1	-6.551	8	-6.551	2
	2	-6.227	8	-6.227	2
	3	-9.411	8	-9.411	2
	4	-9.656	8	-9.656	2
32	1	-10.107	8	-10.107	2
	2	-11.606	8	-11.606	2
	3	-11.506	8	-11.506	2
	4	-9.844	8	-9.844	2
31	1	-12.122	6	-12.119	1
	2	-11.179	8	-11.179	2
	3	-11.721	8	-11.721	2
	4	-11.639	8	-11.639	2
30	1	-12.266	8	-12.266	2
	2	-13.560	8	-13.560	2
	3	-12.596	8	-12.596	2
	4	-11.606	8	-11.606	2
29	1	-13.976	8	-13.976	2
	2	-15.006	8	-15.006	2
	3	-13.331	8	-13.331	2
	4	-12.698	8	-12.698	2
28	1	-14.794	8	-14.794	2
	2	-14.984	8	-14.984	2
	3	-13.716	8	-13.716	2
	4	-13.671	8	-13.671	2
27	1	-14.573	8	-14.573	2
	2	-14.237	8	-14.237	2
	3	-13.924	8	-13.924	2
	4	-14.151	8	-14.151	2
26	1	-14.704	8	-14.704	2
	2	-14.658	8	-14.658	2
	3	-14.427	8	-14.427	2
	4	-14.339	8	-14.339	2
25	1	-15.806	8	-15.806	2
	2	-16.179	6	-16.170	1
	3	-15.609	8	-15.609	2
	4	-15.372	8	-15.372	2
24	1	-14.626	8	-14.626	2
	2	-15.337	8	-15.337	2
	3	-14.715	8	-14.715	2

	4	-14.674	8	-14.674	2
23	1	-14.849	8	-14.849	2
	2	-14.835	8	-14.835	2
	3	-14.254	8	-14.254	2
	4	-13.901	8	-13.901	2
22	1	-14.307	8	-14.307	2
	2	-14.267	8	-14.267	2
	3	-13.833	8	-13.833	2
	4	-13.862	8	-13.862	2
21	1	-13.815	8	-13.815	2
	2	-14.157	8	-14.157	2
	3	-13.727	8	-13.727	2
	4	-13.650	8	-13.650	2
20	1	-14.380	8	-14.380	2
	2	-14.545	8	-14.545	2
	3	-13.561	8	-13.561	2
	4	-13.434	8	-13.434	2
19	1	-14.867	8	-14.867	2
	2	-14.207	8	-14.207	2
	3	-12.902	8	-12.902	2
	4	-13.200	8	-13.200	2
18	1	-13.871	8	-13.871	2
	2	-12.531	8	-12.531	2
	3	-11.595	8	-11.595	2
	4	-12.700	8	-12.700	2
17	1	-11.607	8	-11.607	2
	2	-11.351	8	-11.351	2
	3	-12.491	8	-12.491	2
	4	-11.536	8	-11.536	2
16	1	-12.059	8	-12.059	2
	2	-10.501	8	-10.501	2
	3	-10.241	8	-10.241	2
	4	-11.879	8	-11.879	2
15	1	-9.443	8	-9.443	2
	2	-6.287	8	-6.287	2
	3	-6.690	8	-6.690	2
	4	-9.692	8	-9.692	2
14	1	-5.909	8	-5.909	2
	2	-6.327	8	-6.327	2
	3	-9.159	8	-9.159	2
	4	-8.833	8	-8.833	2
13	1	-10.633	8	-10.633	2
	2	-10.506	8	-10.506	2
	3	-12.845	8	-12.845	2
	4	-12.977	8	-12.977	2
12	1	-12.187	8	-12.187	2
	2	-12.609	8	-12.609	2
	3	-13.898	8	-13.898	2
	4	-14.663	8	-14.663	2
11	1	-13.605	8	-13.605	2
	2	-12.885	8	-12.885	2
	3	-15.084	8	-15.084	2
	4	-14.866	8	-14.866	2
10	1	-11.701	8	-11.701	2
	2	-11.933	8	-11.933	2
	3	-14.002	8	-14.002	2
	4	-13.454	8	-13.454	2
9	1	-10.971	8	-10.971	2
	2	-11.344	8	-11.344	2
	3	-13.493	8	-13.493	2
	4	-13.098	8	-13.098	2
8	1	-10.694	8	-10.694	2
	2	-10.815	8	-10.815	2
	3	-12.988	8	-12.988	2
	4	-12.899	8	-12.899	2
7	1	-10.313	8	-10.313	2
	2	-10.140	8	-10.140	2
	3	-12.328	8	-12.328	2
	4	-12.511	8	-12.511	2

6	1	-9.916	8	-9.916	2
	2	-9.853	8	-9.853	2
	3	-11.316	8	-11.316	2
	4	-11.722	8	-11.722	2
5	1	-13.277	8	-13.277	2
	2	-13.781	8	-13.781	2
	3	-11.387	8	-11.387	2
	4	-11.000	8	-11.000	2
4	1	-12.976	8	-12.976	2
	2	-13.356	8	-13.356	2
	3	-10.943	8	-10.943	2
	4	-10.627	8	-10.627	2
3	1	-12.508	8	-12.508	2
	2	-12.327	8	-12.327	2
	3	-10.000	8	-10.000	2
	4	-10.142	8	-10.142	2
2	1	-11.836	8	-11.836	2
	2	-11.349	8	-11.349	2
	3	-9.785	8	-9.785	2
	4	-9.978	8	-9.978	2
1	1	-16.161	8	-16.161	2
	2	-15.174	8	-15.174	2
	3	-16.908	8	-16.908	2

2.17 Verifica stato limite esercizio: tensioni acciaio

Elemento	Vertice	Rara		Quasi Permanente	
		Tensione	Comb.	Tensione	Comb.
340	1	107.002	8	107.002	2
	2	167.661	8	167.661	2
	3	153.856	8	153.856	2
	4	145.098	6	143.813	1
339	1	598.493	8	598.493	2
	2	666.263	8	666.263	2
	3	209.902	6	209.101	1
	4	138.136	6	136.455	1
338	1	764.250	8	764.250	2
	2	870.278	8	870.278	2
	3	125.475	6	125.304	1
	4	153.940	6	152.972	1
337	1	284.465	8	284.465	2
	2	454.988	8	454.988	2
	3	560.602	8	560.602	2
	4	269.691	8	269.691	2
336	1	148.224	8	148.224	2
	2	74.237	6	73.250	1
	3	319.884	6	318.793	1
	4	383.757	8	383.757	2
335	1	71.619	6	71.615	1
	2	123.043	8	123.043	2
	3	112.374	8	112.374	2
	4	80.066	8	80.066	2
334	1	219.677	8	219.677	2
	2	174.563	8	174.563	2
	3	148.609	8	148.609	2
	4	101.822	8	101.822	2
333	1	139.396	8	139.396	2
	2	112.472	8	112.472	2
	3	110.977	6	110.466	1
	4	125.680	8	125.680	2
332	1	133.935	8	133.935	2
	2	89.564	6	89.248	1
	3	217.758	6	217.002	1
	4	333.996	6	333.698	1
331	1	366.878	6	364.802	1
	2	281.889	6	280.212	1
	3	66.227	6	65.719	1
	4	158.352	6	157.921	1
330	1	333.405	6	332.585	1
	2	296.383	6	296.297	1
	3	155.209	6	155.067	1

	4	65.697	6	64.872	1
329	1	76.876	8	76.876	2
	2	151.769	8	151.769	2
	3	270.915	8	270.915	2
	4	128.156	6	127.987	1
328	1	383.858	8	383.858	2
	2	278.642	8	278.642	2
	3	280.005	8	280.005	2
	4	392.499	8	392.499	2
327	1	840.121	8	840.121	2
	2	824.820	8	824.820	2
	3	98.874	6	97.481	1
	4	239.615	8	239.615	2
326	1	682.479	8	682.479	2
	2	613.870	8	613.870	2
	3	119.019	6	117.796	1
	4	134.925	6	133.579	1
325	1	122.657	8	122.657	2
	2	140.110	8	140.110	2
	3	121.123	6	119.840	1
	4	171.732	6	170.480	1
324	1	27.534	8	27.534	2
	2	103.911	6	103.731	1
	3	151.950	8	151.950	2
323	1	109.412	8	109.412	2
	2	83.597	6	82.539	1
	3	389.896	6	384.450	1
	4	217.600	6	214.499	1
322	1	311.510	6	308.958	1
	2	421.926	6	419.930	1
	3	253.559	6	250.687	1
	4	149.710	6	146.027	1
321	1	156.324	8	156.324	2
	2	260.506	8	260.506	2
	3	305.353	6	302.710	1
	4	291.485	6	290.667	1
320	1	122.640	6	121.380	1
	2	273.801	8	273.801	2
	3	145.337	8	145.337	2
	4	112.884	6	112.801	1
319	1	158.268	8	158.268	2
	2	92.785	8	92.785	2
	3	200.013	8	200.013	2
	4	140.717	8	140.717	2
318	1	57.704	8	57.704	2
	2	322.121	8	322.121	2
	3	287.761	8	287.761	2
	4	182.395	8	182.395	2
317	1	299.747	8	299.747	2
	2	321.491	8	321.491	2
	3	694.942	6	694.185	1
	4	295.388	6	294.555	1
316	1	578.093	8	578.093	2
	2	98.804	6	98.768	1
	3	53.874	8	53.874	2
	4	429.597	6	428.038	1
315	1	349.204	6	347.847	1
	2	108.110	6	106.385	1
	3	0.000	0	0.000	0
314	1	324.104	6	323.364	1
	2	588.832	6	588.089	1
	3	250.289	6	249.266	1
313	1	102.618	8	102.618	2
	2	88.758	6	87.713	1
	3	389.404	6	384.297	1
	4	209.717	6	206.442	1
312	1	308.125	6	305.801	1
	2	426.242	7	424.991	1
	3	249.181	6	246.263	1

	4	143.887	6	140.465	1
311	1	158.103	8	158.103	2
	2	261.386	8	261.386	2
	3	308.616	6	308.007	1
	4	291.058	6	290.035	1
310	1	132.850	6	131.083	1
	2	271.839	6	271.263	1
	3	144.907	6	144.664	1
	4	113.740	6	113.627	1
309	1	178.907	6	178.314	1
	2	110.155	6	110.105	1
	3	195.574	8	195.574	2
	4	144.091	6	143.753	1
308	1	39.505	8	39.505	2
	2	291.202	8	291.202	2
	3	278.738	8	278.738	2
	4	174.865	8	174.865	2
307	1	294.823	8	294.823	2
	2	317.236	8	317.236	2
	3	692.220	6	691.059	1
	4	288.551	6	288.139	1
306	1	582.338	8	582.338	2
	2	105.091	6	104.985	1
	3	49.982	8	49.982	2
	4	422.126	6	420.237	1
305	1	343.726	6	342.385	1
	2	111.323	6	109.566	1
	3	0.000	0	0.000	0
304	1	326.524	6	325.617	1
	2	584.656	6	583.690	1
	3	251.030	6	249.865	1
303	1	127.624	8	127.624	2
	2	227.868	8	227.868	2
	3	152.646	8	152.646	2
	4	119.618	8	119.618	2
302	1	498.478	8	498.478	2
	2	543.281	8	543.281	2
	3	158.543	8	158.543	2
	4	106.814	8	106.814	2
301	1	569.106	8	569.106	2
	2	677.926	8	677.926	2
	3	97.571	8	97.571	2
	4	124.105	8	124.105	2
300	1	119.707	8	119.707	2
	2	271.417	8	271.417	2
	3	411.048	8	411.048	2
	4	201.283	8	201.283	2
299	1	142.452	8	142.452	2
	2	117.214	6	116.870	1
	3	180.785	8	180.785	2
	4	280.766	8	280.766	2
298	1	76.604	6	76.334	1
	2	75.867	8	75.867	2
	3	113.613	8	113.613	2
	4	48.557	8	48.557	2
297	1	159.967	8	159.967	2
	2	120.971	7	118.354	2
	3	148.115	8	148.115	2
	4	109.186	8	109.186	2
296	1	150.257	8	150.257	2
	2	107.073	8	107.073	2
	3	97.698	8	97.698	2
	4	110.883	8	110.883	2
295	1	103.019	8	103.019	2
	2	44.885	6	44.884	1
	3	185.804	8	185.804	2
	4	308.731	8	308.731	2
294	1	214.746	6	214.006	1
	2	137.832	6	136.883	1

	3	41.708	6	41.234	1
	4	121.240	8	121.240	2
293	1	137.776	8	137.776	2
	2	120.110	8	120.110	2
	3	162.800	8	162.800	2
	4	78.450	6	77.854	1
292	1	78.721	6	78.483	1
	2	146.707	8	146.707	2
	3	214.495	8	214.495	2
	4	126.783	8	126.783	2
291	1	153.065	8	153.065	2
	2	122.995	8	122.995	2
	3	246.649	8	246.649	2
	4	333.928	8	333.928	2
290	1	623.596	8	623.596	2
	2	603.339	8	603.339	2
	3	98.085	8	98.085	2
	4	212.559	8	212.559	2
289	1	546.237	8	546.237	2
	2	505.406	8	505.406	2
	3	90.312	8	90.312	2
	4	95.633	6	95.169	1
288	1	115.828	8	115.828	2
	2	207.676	8	207.676	2
	3	139.168	8	139.168	2
	4	147.790	8	147.790	2
287	1	11.295	8	11.295	2
	2	73.768	8	73.768	2
	3	119.179	8	119.179	2
262	1	126.448	6	123.808	1
	2	65.762	8	65.762	2
	3	131.778	6	131.554	1
	4	212.747	6	211.715	1
261	1	67.556	8	67.556	2
	2	92.399	8	92.399	2
	3	162.780	8	162.780	2
	4	83.366	8	83.366	2
260	1	156.794	8	156.794	2
	2	216.052	8	216.052	2
	3	349.428	8	349.428	2
	4	248.688	8	248.688	2
259	1	197.578	6	197.058	1
	2	315.936	6	315.867	1
	3	357.601	6	357.116	1
	4	398.202	8	398.202	2
258	1	489.370	6	488.932	1
	2	956.802	8	956.802	2
	3	540.571	8	540.571	2
	4	476.669	8	476.669	2
257	1	849.629	8	849.629	2
	2	431.795	6	430.607	1
	3	336.697	8	336.697	2
	4	493.787	8	493.787	2
256	1	344.630	6	343.255	1
	2	402.661	6	401.683	1
	3	248.302	6	248.237	1
	4	213.459	6	213.289	1
255	1	498.222	6	497.315	1
	2	717.629	8	717.629	2
	3	346.696	8	346.696	2
	4	303.231	6	303.075	1
254	1	728.883	6	728.768	1
	2	519.588	6	518.366	1
	3	242.286	6	241.625	1
	4	355.695	8	355.695	2
253	1	411.133	6	409.901	1
	2	317.391	6	315.766	1
	3	97.044	8	97.044	2
	4	197.035	8	197.035	2

252	1	397.712	6	396.215	1
	2	657.234	6	656.539	1
	3	442.948	8	442.948	2
	4	176.952	6	176.045	2
251	1	766.476	6	766.037	1
	2	479.291	8	479.291	2
	3	368.932	8	368.932	2
	4	474.480	8	474.480	2
250	1	357.999	8	357.999	2
	2	238.116	8	238.116	2
	3	230.570	8	230.570	2
	4	356.638	8	356.638	2
249	1	274.986	6	272.294	1
	2	197.626	8	197.626	2
	3	290.876	8	290.876	2
	4	376.986	8	376.986	2
248	1	122.451	8	122.451	2
	2	58.418	8	58.418	2
	3	78.932	8	78.932	2
	4	172.718	8	172.718	2
247	1	65.337	6	65.165	1
	2	125.323	6	121.592	1
	3	139.648	6	135.408	1
	4	61.945	6	58.651	1
246	1	158.708	6	155.324	1
	2	171.979	6	161.959	2
	3	421.558	6	419.105	1
	4	149.852	8	149.852	2
245	1	408.305	6	407.426	1
	2	186.916	6	184.385	1
	3	127.598	6	124.945	1
	4	117.544	6	114.661	1
244	1	180.585	6	177.308	1
	2	234.542	6	230.212	1
	3	90.898	6	87.543	1
	4	47.589	6	44.848	1
243	1	207.678	6	206.711	1
	2	261.671	8	261.671	2
	3	522.518	6	521.924	1
	4	163.943	6	160.324	1
242	1	513.118	6	513.090	1
	2	243.196	6	242.959	1
	3	202.363	6	202.051	1
	4	109.529	6	106.778	1
241	1	193.566	8	193.566	2
	2	185.417	6	181.919	1
	3	132.880	8	132.880	2
	4	67.107	6	66.526	1
240	1	352.670	8	352.670	2
	2	190.167	8	190.167	2
	3	533.152	8	533.152	2
	4	143.814	6	140.863	1
239	1	555.925	6	555.281	1
	2	346.412	6	345.812	1
	3	220.019	6	219.263	1
	4	176.893	6	173.996	1
238	1	437.615	6	435.406	1
	2	119.668	8	119.668	2
	3	345.967	8	345.967	2
	4	492.831	8	492.831	2
237	1	99.982	6	98.366	1
	2	416.846	6	415.860	1
	3	432.707	8	432.707	2
	4	237.973	8	237.973	2
236	1	43.382	8	43.382	2
	2	509.654	6	508.613	1
	3	477.927	8	477.927	2
	4	298.741	8	298.741	2
235	1	540.273	6	539.973	1

	2	113.008	6	109.316	1
	3	336.688	8	336.688	2
	4	527.731	8	527.731	2
234	1	77.091	6	72.901	1
	2	572.003	6	571.521	1
	3	440.128	8	440.128	2
	4	287.641	6	287.552	1
233	1	562.464	8	562.464	2
	2	126.213	6	123.908	1
	3	235.935	8	235.935	2
	4	406.316	8	406.316	2
232	1	446.238	8	446.238	2
	2	278.192	8	295.944	1
	3	366.196	8	366.196	2
	4	383.772	8	383.772	2
231	1	420.532	8	420.532	2
	2	462.796	8	462.796	2
	3	323.806	8	343.455	1
	4	301.468	7	287.020	2
230	1	292.640	8	292.640	2
	2	295.273	8	295.273	2
	3	368.634	8	368.634	2
	4	353.441	8	353.441	2
229	1	308.140	8	308.140	2
	2	329.807	8	329.807	2
	3	446.675	8	446.675	2
	4	403.161	8	403.161	2
228	1	378.153	8	378.153	2
	2	356.696	8	356.696	2
	3	416.205	8	416.205	2
	4	418.994	8	418.994	2
227	1	349.904	8	349.904	2
	2	341.336	8	341.336	2
	3	415.163	8	415.163	2
	4	426.064	8	426.064	2
226	1	328.041	8	328.041	2
	2	371.708	8	371.708	2
	3	438.299	8	438.299	2
	4	426.715	8	426.715	2
225	1	421.801	8	421.801	2
	2	381.692	8	381.692	2
	3	341.048	8	341.048	2
	4	379.742	8	379.742	2
224	1	85.827	8	85.827	2
	2	28.808	8	28.808	2
	3	262.823	8	262.823	2
	4	316.753	8	316.753	2
223	1	114.290	8	114.290	2
	2	89.637	6	89.158	1
	3	244.918	8	244.918	2
	4	284.764	8	284.764	2
222	1	365.258	8	365.258	2
	2	263.276	8	263.276	2
	3	219.980	8	219.980	2
	4	339.226	8	339.226	2
221	1	165.246	6	164.931	1
	2	46.337	6	45.944	1
	3	259.519	8	259.519	2
	4	217.237	6	216.576	1
220	1	102.981	8	102.981	2
	2	133.005	6	132.828	1
	3	263.221	8	263.221	2
	4	181.525	8	181.525	2
219	1	152.075	6	151.704	1
	2	266.139	8	266.139	2
	3	297.794	8	297.794	2
	4	333.316	8	333.316	2
218	1	422.368	8	422.368	2
	2	925.265	8	925.265	2

	3	521.183	8	521.183	2
	4	433.049	8	433.049	2
217	1	876.054	8	876.054	2
	2	429.562	6	429.209	1
	3	392.015	8	392.015	2
	4	487.962	8	487.962	2
216	1	341.691	6	340.943	1
	2	353.583	6	352.976	1
	3	267.558	8	267.558	2
	4	284.069	8	284.069	2
215	1	457.267	6	456.644	1
	2	706.039	8	706.039	2
	3	409.673	8	409.673	2
	4	330.531	8	330.531	2
214	1	754.602	6	754.395	1
	2	407.889	6	406.056	1
	3	419.413	8	419.413	2
	4	362.273	6	361.621	1
213	1	345.399	6	344.111	1
	2	287.902	6	286.542	1
	3	263.434	8	263.434	2
	4	319.935	8	319.935	2
212	1	397.605	8	397.605	2
	2	562.288	6	561.085	1
	3	321.955	8	321.955	2
	4	263.315	6	255.110	2
211	1	739.219	6	738.797	1
	2	400.978	8	400.978	2
	3	301.619	6	299.490	1
	4	398.420	8	398.420	2
210	1	293.235	6	293.046	1
	2	163.521	8	163.521	2
	3	112.858	6	109.750	1
	4	273.636	6	270.582	1
209	1	206.375	6	202.828	1
	2	129.358	6	125.815	1
	3	175.083	6	173.877	1
	4	265.215	6	264.433	1
208	1	85.037	6	82.093	1
	2	81.653	8	81.653	2
	3	205.868	6	205.153	1
	4	230.966	8	230.966	2
207	1	154.980	8	154.980	2
	2	267.728	8	267.728	2
	3	361.719	8	361.719	2
	4	197.677	8	197.677	2
206	1	491.964	8	491.964	2
	2	818.213	8	818.213	2
	3	722.998	6	721.250	1
	4	310.377	8	310.377	2
205	1	755.334	8	755.334	2
	2	739.412	6	739.230	1
	3	485.355	8	485.355	2
	4	510.703	8	510.703	2
204	1	495.219	8	495.219	2
	2	431.196	8	431.196	2
	3	412.484	8	412.484	2
	4	356.766	8	356.766	2
203	1	600.067	8	600.067	2
	2	802.851	8	802.851	2
	3	783.054	8	783.054	2
	4	498.623	8	498.623	2
202	1	792.237	8	792.237	2
	2	802.015	8	802.015	2
	3	571.881	8	571.881	2
	4	523.811	8	523.811	2
201	1	478.226	8	478.226	2
	2	507.226	8	507.226	2
	3	378.614	8	378.614	2

	4	386.540	8	386.540	2
200	1	557.328	8	557.328	2
	2	975.957	8	975.957	2
	3	962.418	8	962.418	2
	4	506.318	8	506.318	2
199	1	894.793	8	894.793	2
	2	1010.871	8	1010.871	2
	3	477.931	8	477.931	2
	4	389.995	8	389.995	2
198	1	699.395	6	698.455	1
	2	391.169	8	391.169	2
	3	204.129	8	204.129	2
	4	354.886	8	354.886	2
197	1	470.505	6	464.496	1
	2	285.890	6	285.273	1
	3	338.628	6	336.382	1
196	1	432.086	8	432.086	2
	2	727.584	6	727.226	1
	3	420.656	6	419.604	1
	4	302.507	6	302.319	1
195	1	764.494	6	763.373	1
	2	330.939	8	330.939	2
	3	381.784	8	381.784	2
	4	472.009	6	470.995	1
194	1	379.600	6	379.256	1
	2	901.329	6	901.259	1
	3	490.448	6	490.147	1
	4	455.007	8	455.007	2
193	1	944.723	8	944.723	2
	2	411.906	6	411.880	1
	3	389.129	8	389.129	2
	4	536.653	8	536.653	2
192	1	450.749	8	450.749	2
	2	324.115	8	324.115	2
	3	334.206	6	333.715	1
	4	430.859	8	430.859	2
191	1	360.586	8	360.586	2
	2	425.884	8	425.884	2
	3	467.657	8	467.657	2
	4	308.763	8	308.763	2
190	1	293.525	7	293.969	1
	2	280.436	6	280.009	1
	3	292.091	8	292.091	2
	4	307.001	8	307.001	2
189	1	348.833	8	348.833	2
	2	349.005	8	349.005	2
	3	444.633	6	444.147	1
	4	393.126	8	393.126	2
188	1	513.411	6	512.958	1
	2	503.730	6	500.995	1
	3	343.333	6	339.233	1
	4	481.592	6	479.674	1
187	1	444.645	6	440.660	1
	2	444.736	6	442.924	1
	3	360.173	6	358.690	1
	4	319.434	6	316.764	1
186	1	451.870	6	449.486	1
	2	387.632	6	386.184	1
	3	462.867	6	460.466	1
	4	436.558	6	434.417	1
185	1	342.311	6	340.979	1
	2	276.633	6	275.436	1
	3	221.899	6	221.162	1
	4	338.937	6	337.306	1
184	1	271.547	8	271.547	2
	2	291.456	8	291.456	2
	3	156.931	8	156.931	2
	4	103.603	6	103.247	1
183	1	245.463	6	245.242	1

	2	252.459	6	251.976	1
	3	312.296	6	312.159	1
	4	296.169	8	296.169	2
182	1	497.809	6	494.972	1
	2	588.417	8	588.417	2
	3	663.569	6	660.076	1
181	1	537.131	8	537.131	2
	2	332.979	8	332.979	2
	3	339.352	6	338.398	1
	4	714.088	6	711.327	1
180	1	318.791	8	318.791	2
	2	293.602	8	293.602	2
	3	257.379	8	257.379	2
	4	293.960	8	293.960	2
179	1	195.127	6	194.865	1
	2	74.810	6	74.193	1
	3	288.615	8	288.615	2
	4	249.098	6	248.664	1
178	1	133.947	8	133.947	2
	2	98.431	8	98.431	2
	3	230.992	8	230.992	2
	4	205.659	8	205.659	2
177	1	129.394	6	128.817	1
	2	240.370	6	240.271	1
	3	274.451	6	274.025	1
	4	297.951	8	297.951	2
176	1	418.714	6	418.030	1
	2	920.948	8	920.948	2
	3	490.705	8	490.705	2
	4	392.668	8	392.668	2
175	1	914.875	8	914.875	2
	2	499.414	6	498.022	1
	3	411.700	8	411.700	2
	4	460.734	8	460.734	2
174	1	399.164	6	397.633	1
	2	384.426	6	383.301	1
	3	253.666	8	253.666	2
	4	305.196	8	305.196	2
173	1	482.753	6	481.826	1
	2	738.222	8	738.222	2
	3	332.311	8	332.311	2
	4	316.287	8	316.287	2
172	1	711.715	6	711.088	1
	2	515.039	6	512.961	1
	3	263.869	6	263.027	1
	4	349.795	8	349.795	2
171	1	364.041	6	360.977	1
	2	335.847	6	330.590	1
	3	61.024	8	61.024	2
	4	239.821	6	238.321	1
170	1	616.202	8	616.202	2
	2	231.982	8	231.982	2
	3	409.074	8	409.074	2
	4	203.908	6	203.645	1
169	1	705.341	6	701.311	1
	2	347.032	6	346.113	1
	3	209.648	8	209.648	2
	4	362.702	8	362.702	2
168	1	241.605	6	241.035	1
	2	120.934	8	120.934	2
	3	57.042	6	55.759	1
	4	187.512	8	187.512	2
167	1	119.864	6	116.627	1
	2	152.684	6	150.999	1
	3	146.021	8	146.021	2
	4	167.826	6	167.635	1
166	1	122.224	6	120.673	1
	2	106.765	8	106.765	2
	3	232.080	8	232.080	2

	4	220.119	8	220.119	2
165	1	182.130	8	182.130	2
	2	186.150	8	186.150	2
	3	297.302	8	297.302	2
	4	227.284	8	227.284	2
164	1	426.527	8	426.527	2
	2	767.333	8	767.333	2
	3	743.270	6	740.074	1
	4	353.126	8	353.126	2
163	1	658.572	8	658.572	2
	2	181.682	8	181.682	2
	3	736.363	8	736.363	2
	4	608.722	8	608.722	2
162	1	528.341	8	528.341	2
	2	349.796	8	349.796	2
	3	427.606	8	427.606	2
	4	225.346	8	225.346	2
161	1	494.883	8	494.883	2
	2	776.900	6	776.131	1
	3	745.123	8	745.123	2
	4	560.166	8	560.166	2
160	1	779.113	8	779.113	2
	2	813.598	8	813.598	2
	3	516.127	8	516.127	2
	4	485.981	8	485.981	2
159	1	448.027	8	448.027	2
	2	452.640	8	452.640	2
	3	334.534	8	334.534	2
	4	358.816	8	358.816	2
158	1	547.627	8	547.627	2
	2	968.884	8	968.884	2
	3	950.554	8	950.554	2
	4	460.602	8	460.602	2
157	1	933.598	8	933.598	2
	2	984.454	8	984.454	2
	3	428.462	8	428.462	2
	4	428.563	8	428.563	2
156	1	555.778	8	555.778	2
	2	385.183	8	385.183	2
	3	182.695	6	179.581	1
	4	441.671	6	437.544	1
155	1	570.628	8	570.628	2
	2	533.924	6	528.819	1
	3	628.250	6	624.198	1
	4	302.568	6	296.352	1
154	1	348.917	6	348.381	1
	2	744.589	6	743.558	1
	3	523.450	8	523.450	2
	4	402.753	8	402.753	2
153	1	760.345	6	759.399	1
	2	338.130	6	337.724	1
	3	377.747	8	377.747	2
	4	473.643	8	473.643	2
152	1	342.347	6	341.820	1
	2	898.435	6	898.416	1
	3	475.570	6	475.533	1
	4	443.417	8	443.417	2
151	1	968.027	8	968.027	2
	2	455.227	8	455.227	2
	3	405.943	8	405.943	2
	4	549.114	8	549.114	2
150	1	465.842	8	465.842	2
	2	340.334	8	340.334	2
	3	324.936	8	324.936	2
	4	420.238	8	420.238	2
149	1	330.954	8	330.954	2
	2	399.050	8	399.050	2
	3	489.970	8	489.970	2
	4	328.430	8	328.430	2

148	1	277.618	8	277.618	2
	2	264.073	8	264.073	2
	3	304.415	8	304.415	2
	4	318.750	8	318.750	2
147	1	282.860	8	282.860	2
	2	338.441	8	338.441	2
	3	342.245	8	342.245	2
	4	319.144	8	319.144	2
146	1	292.484	8	312.006	1
	2	246.955	8	246.955	2
	3	341.870	8	341.870	2
	4	387.572	8	387.572	2
145	1	271.348	8	271.348	2
	2	176.796	6	174.761	1
	3	435.063	8	435.063	2
	4	311.522	8	311.522	2
144	1	615.918	6	611.964	1
	2	412.992	6	412.492	1
	3	512.183	6	508.909	1
	4	409.539	8	409.539	2
143	1	208.105	6	206.348	1
	2	175.545	8	175.545	2
	3	239.698	8	239.698	2
	4	419.687	8	419.687	2
142	1	102.727	6	102.008	1
	2	225.302	6	224.885	1
	3	353.282	6	351.352	1
	4	360.224	6	360.108	1
141	1	236.067	6	235.453	1
	2	224.500	6	223.637	1
	3	300.384	8	300.384	2
	4	291.523	8	291.523	2
140	1	373.800	8	373.800	2
	2	233.221	8	233.221	2
	3	383.573	6	383.249	1
	4	746.288	6	742.803	1
139	1	178.400	8	178.400	2
	2	157.248	6	154.548	1
	3	148.141	6	145.595	1
	4	431.439	6	429.771	1
138	1	135.005	6	132.013	1
	2	122.990	6	119.571	1
	3	60.377	6	60.163	1
	4	76.276	6	73.563	1
137	1	52.670	6	52.346	1
	2	103.105	6	102.946	1
	3	179.105	8	179.105	2
	4	79.891	8	79.891	2
136	1	148.980	8	148.980	2
	2	324.497	6	320.136	1
	3	399.397	8	399.397	2
	4	232.346	8	232.346	2
135	1	238.582	6	237.430	2
	2	224.504	8	224.504	2
	3	437.902	6	436.977	1
	4	413.241	8	413.241	2
134	1	278.617	8	278.617	2
	2	163.511	8	163.511	2
	3	254.146	6	253.392	1
	4	396.386	6	396.370	1
133	1	374.446	8	374.446	2
	2	774.832	6	771.130	1
	3	805.267	6	801.327	1
	4	527.830	8	527.830	2
132	1	71.438	8	71.438	2
	2	256.183	6	256.060	1
	3	110.298	8	110.298	2
131	1	343.655	8	343.655	2
	2	423.956	8	423.956	2

	3	467.769	8	467.769	2
	4	433.560	8	433.560	2
130	1	583.349	8	583.349	2
	2	747.746	6	747.564	1
	3	737.486	6	736.985	1
	4	552.956	8	552.956	2
129	1	789.132	6	789.051	1
	2	828.360	8	828.360	2
	3	549.179	8	549.179	2
	4	545.067	8	545.067	2
128	1	499.983	8	499.983	2
	2	473.394	8	473.394	2
	3	405.530	8	405.530	2
	4	427.545	8	427.545	2
127	1	598.042	8	598.042	2
	2	1006.709	8	1006.709	2
	3	936.666	8	936.666	2
	4	463.175	8	463.175	2
126	1	1111.048	8	1111.048	2
	2	1005.663	8	1005.663	2
	3	369.403	8	369.403	2
	4	475.062	8	475.062	2
125	1	285.497	8	285.497	2
	2	339.722	8	339.722	2
	3	284.578	6	284.223	1
	4	330.877	8	330.877	2
124	1	278.912	6	278.579	1
	2	394.920	6	394.019	1
	3	425.580	8	425.580	2
123	1	188.674	8	188.674	2
	2	141.145	8	141.145	2
	3	166.182	8	166.182	2
	4	245.215	8	245.215	2
122	1	64.301	8	64.301	2
	2	62.757	8	62.757	2
	3	75.199	8	75.199	2
	4	157.105	8	157.105	2
121	1	69.267	8	69.267	2
	2	123.738	6	121.434	1
	3	217.551	6	216.714	1
	4	134.413	8	134.413	2
120	1	222.268	6	221.712	1
	2	346.803	6	345.816	1
	3	578.940	6	578.382	1
	4	200.923	6	198.050	1
119	1	560.908	8	560.908	2
	2	202.867	8	202.867	2
	3	363.430	8	363.430	2
	4	200.397	6	197.190	1
118	1	143.708	6	139.013	1
	2	222.937	6	222.110	1
	3	67.493	8	67.493	2
	4	147.252	8	147.252	2
117	1	213.281	8	213.281	2
	2	265.175	6	264.748	1
	3	474.392	6	472.902	1
	4	71.994	6	70.641	2
116	1	522.646	6	522.534	1
	2	276.760	6	276.519	1
	3	197.718	6	196.759	1
	4	187.996	6	184.268	1
115	1	231.250	6	226.739	1
	2	167.194	6	163.823	1
	3	71.116	6	67.993	1
	4	100.285	6	96.765	1
114	1	114.742	6	111.955	1
	2	189.600	6	189.073	1
	3	445.191	6	444.039	1
	4	157.295	6	154.056	1

113	1	125.082	8	125.082	2
	2	381.875	8	381.875	2
	3	375.729	8	375.729	2
	4	263.910	8	263.910	2
112	1	501.349	6	498.898	1
	2	749.489	6	747.778	1
	3	512.638	6	509.876	1
	4	446.518	8	446.518	2
111	1	326.813	6	326.688	1
	2	741.322	6	739.777	1
	3	492.476	8	492.476	2
	4	401.762	8	401.762	2
110	1	725.273	6	724.002	1
	2	402.345	8	402.345	2
	3	348.153	6	347.666	1
	4	430.217	8	430.217	2
109	1	352.335	6	352.272	1
	2	877.942	8	877.942	2
	3	491.478	8	491.478	2
	4	347.002	8	347.002	2
108	1	1037.031	8	1037.031	2
	2	498.548	6	497.926	1
	3	523.273	8	523.273	2
	4	621.176	8	621.176	2
107	1	109.851	6	107.950	1
	2	571.672	8	571.672	2
	3	379.304	8	379.304	2
	4	221.726	8	221.726	2
106	1	580.832	8	580.832	2
	2	158.888	6	156.934	1
	3	300.335	8	300.335	2
	4	395.239	8	395.239	2
105	1	102.374	8	102.374	2
	2	494.438	6	492.913	1
	3	555.491	8	555.491	2
	4	363.669	8	363.669	2
104	1	497.306	8	497.306	2
	2	84.804	8	84.804	2
	3	271.796	8	271.796	2
	4	547.468	8	547.468	2
103	1	140.625	8	140.625	2
	2	428.031	6	426.481	1
	3	372.395	8	372.395	2
	4	147.247	8	147.247	2
102	1	448.239	6	446.947	1
	2	118.392	7	115.656	2
	3	201.411	8	201.411	2
	4	378.832	8	378.832	2
101	1	254.654	8	254.654	2
	2	342.550	8	342.550	2
	3	365.418	8	365.418	2
	4	270.487	8	270.487	2
100	1	552.243	8	552.243	2
	2	336.685	6	334.339	1
	3	180.302	6	180.085	1
	4	355.061	8	355.061	2
99	1	196.315	8	196.315	2
	2	240.541	6	240.285	1
	3	296.885	8	296.885	2
	4	131.195	8	131.195	2
98	1	523.306	8	523.306	2
	2	502.627	8	502.627	2
	3	388.038	8	388.038	2
	4	408.032	8	408.032	2
97	1	312.146	6	311.944	1
	2	260.918	6	260.606	1
	3	231.830	8	231.830	2
	4	217.708	8	217.708	2
96	1	427.366	8	427.366	2

	2	348.256	8	348.256	2
	3	328.704	8	328.704	2
	4	423.757	8	423.757	2
95	1	43.534	8	43.534	2
	2	63.236	8	63.236	2
	3	192.868	8	192.868	2
	4	228.622	8	228.622	2
94	1	398.395	8	398.395	2
	2	324.644	8	324.644	2
	3	498.131	8	498.131	2
	4	528.330	8	528.330	2
93	1	307.947	8	307.947	2
	2	422.973	8	422.973	2
	3	370.481	8	370.481	2
	4	382.434	8	382.434	2
92	1	308.691	8	308.691	2
	2	268.601	6	268.398	1
	3	351.965	8	351.965	2
	4	360.500	8	360.500	2
91	1	504.884	8	504.884	2
	2	391.000	8	391.000	2
	3	493.643	8	493.643	2
	4	469.295	8	469.295	2
90	1	355.103	8	355.103	2
	2	429.575	8	429.575	2
	3	366.194	8	366.194	2
	4	241.352	8	241.352	2
89	1	302.840	8	302.840	2
	2	274.100	8	274.100	2
	3	421.580	8	421.580	2
	4	455.130	8	455.130	2
88	1	388.616	8	388.616	2
	2	318.994	8	318.994	2
	3	120.502	6	120.283	1
	4	302.977	6	301.362	1
87	1	224.785	6	223.216	1
	2	212.795	8	212.795	2
	3	362.890	8	362.890	2
	4	359.199	8	359.199	2
86	1	383.208	8	383.208	2
	2	426.181	8	426.181	2
	3	431.361	8	431.361	2
	4	305.099	8	305.099	2
85	1	456.464	8	456.464	2
	2	419.534	8	419.534	2
	3	298.437	8	298.437	2
	4	347.121	8	347.121	2
84	1	528.487	8	528.487	2
	2	499.579	6	499.084	1
	3	807.121	6	805.564	1
	4	643.271	6	638.982	1
83	1	36.820	6	31.217	1
	2	36.844	6	31.822	1
	3	39.135	6	35.425	2
	4	45.105	6	39.307	1
82	1	34.805	6	29.876	1
	2	38.778	6	33.727	1
	3	32.036	8	32.036	2
	4	32.605	8	32.605	2
81	1	35.553	6	30.625	1
	2	37.797	6	32.771	1
	3	28.593	8	28.593	2
	4	28.541	8	28.541	2
80	1	33.464	6	28.565	1
	2	35.535	6	30.531	1
	3	26.554	8	26.554	2
	4	24.990	8	24.990	2
79	1	31.903	6	26.548	1
	2	33.528	6	28.524	1

	3	26.300	8	26.300	2
	4	23.743	8	23.743	2
78	1	33.844	6	28.370	1
	2	33.018	6	27.824	1
	3	27.579	8	27.579	2
	4	27.559	8	27.559	2
77	1	35.409	6	29.757	1
	2	34.590	6	28.740	1
	3	29.747	8	29.747	2
	4	30.294	8	30.294	2
76	1	36.782	6	30.946	1
	2	37.329	6	31.509	1
	3	33.461	8	33.461	2
	4	32.897	8	32.897	2
75	1	37.441	6	31.502	1
	2	37.648	6	31.760	1
	3	34.083	8	34.083	2
	4	33.691	8	33.691	2
74	1	36.825	6	30.751	1
	2	37.181	6	31.342	1
	3	31.825	8	31.825	2
	4	30.445	8	30.445	2
73	1	35.793	6	29.954	1
	2	35.553	6	29.890	1
	3	28.284	8	28.284	2
	4	26.391	8	26.391	2
72	1	33.795	6	28.184	1
	2	33.004	6	27.541	1
	3	23.997	8	23.997	2
	4	24.956	8	24.956	2
71	1	34.858	6	29.888	1
	2	32.599	6	27.726	1
	3	24.521	8	24.521	2
	4	25.335	8	25.335	2
70	1	37.395	6	32.376	1
	2	34.984	6	30.056	1
	3	28.038	8	28.038	2
	4	27.583	8	27.583	2
69	1	38.667	6	33.595	1
	2	34.720	6	29.754	1
	3	32.016	8	32.016	2
	4	31.196	8	31.196	2
68	1	36.976	6	31.915	1
	2	36.890	6	31.263	1
	3	45.005	6	39.182	1
	4	38.554	6	34.838	2
67	1	57.757	8	57.757	2
	2	133.542	8	133.542	2
	3	134.775	8	134.775	2
	4	59.976	8	59.976	2
66	1	161.002	8	161.002	2
	2	216.379	8	216.379	2
	3	212.627	8	212.627	2
	4	159.497	8	159.497	2
65	1	226.210	8	226.210	2
	2	185.888	6	184.933	1
	3	173.733	8	173.733	2
	4	215.953	8	215.953	2
64	1	179.952	6	177.971	1
	2	242.992	6	242.421	1
	3	128.939	8	128.939	2
	4	86.468	8	86.468	2
63	1	52.293	8	52.293	2
	2	115.988	8	115.988	2
	3	150.985	8	150.985	2
	4	106.306	8	106.306	2
62	1	115.852	8	115.852	2
	2	162.613	8	162.613	2
	3	231.986	8	231.986	2

	4	147.088	8	147.088	2
61	1	143.555	8	143.555	2
	2	269.083	8	269.083	2
	3	266.991	8	266.991	2
	4	233.676	8	233.676	2
60	1	218.461	8	218.461	2
	2	222.990	8	222.990	2
	3	275.044	8	275.044	2
	4	288.198	8	288.198	2
59	1	173.633	8	173.633	2
	2	120.647	8	120.647	2
	3	264.400	8	264.400	2
	4	270.036	8	270.036	2
58	1	104.369	8	104.369	2
	2	109.408	8	109.408	2
	3	273.286	8	273.286	2
	4	227.269	8	227.269	2
57	1	126.749	8	126.749	2
	2	221.679	8	221.679	2
	3	276.812	8	276.812	2
	4	248.599	8	248.599	2
56	1	178.054	8	178.054	2
	2	182.105	8	182.105	2
	3	285.577	8	285.577	2
	4	270.157	8	270.157	2
55	1	234.119	8	234.119	2
	2	156.611	8	156.611	2
	3	279.184	8	279.184	2
	4	273.740	8	273.740	2
54	1	146.645	8	146.645	2
	2	89.787	8	89.787	2
	3	242.841	8	242.841	2
	4	273.684	8	273.684	2
53	1	88.043	8	88.043	2
	2	174.770	8	174.770	2
	3	251.245	8	251.245	2
	4	268.885	8	268.885	2
52	1	155.956	8	155.956	2
	2	206.292	8	206.292	2
	3	283.326	8	283.326	2
	4	271.598	8	271.598	2
51	1	254.399	8	254.399	2
	2	158.257	8	158.257	2
	3	258.099	8	258.099	2
	4	266.308	8	266.308	2
50	1	145.239	8	145.239	2
	2	131.726	8	131.726	2
	3	168.272	8	168.272	2
	4	231.176	8	231.176	2
49	1	113.355	8	113.355	2
	2	44.550	8	44.550	2
	3	109.226	8	109.226	2
	4	162.358	8	162.358	2
48	1	125.163	8	125.163	2
	2	238.353	6	237.564	1
	3	177.992	6	176.240	1
	4	86.174	8	86.174	2
47	1	191.173	6	190.397	1
	2	230.455	8	230.455	2
	3	218.190	8	218.190	2
	4	176.769	8	176.769	2
46	1	219.236	8	219.236	2
	2	162.250	8	162.250	2
	3	161.415	8	161.415	2
	4	215.216	8	215.216	2
45	1	134.306	8	134.306	2
	2	57.118	8	57.118	2
	3	60.360	8	60.360	2
	4	135.577	8	135.577	2

44	1	46.090	8	46.090	2
	2	49.419	8	49.419	2
	3	126.298	8	126.298	2
	4	122.075	8	122.075	2
43	1	50.704	8	50.704	2
	2	50.086	8	50.086	2
	3	131.649	8	131.649	2
	4	132.224	8	132.224	2
42	1	56.502	8	56.502	2
	2	52.608	8	52.608	2
	3	138.723	8	138.723	2
	4	141.219	8	141.219	2
41	1	61.056	8	61.056	2
	2	56.035	8	56.035	2
	3	147.524	8	147.524	2
	4	149.751	8	149.751	2
40	1	65.094	8	65.094	2
	2	59.505	8	59.505	2
	3	170.877	8	170.877	2
	4	161.993	8	161.993	2
39	1	64.584	8	64.584	2
	2	68.149	8	68.149	2
	3	162.257	8	162.257	2
	4	167.918	8	167.918	2
38	1	56.442	8	56.442	2
	2	65.041	8	65.041	2
	3	151.073	8	151.073	2
	4	147.457	8	147.457	2
37	1	53.273	8	53.273	2
	2	59.817	8	59.817	2
	3	141.927	8	141.927	2
	4	137.576	8	137.576	2
36	1	48.449	8	48.449	2
	2	52.887	8	52.887	2
	3	131.979	8	131.979	2
	4	129.928	8	129.928	2
35	1	46.562	8	46.562	2
	2	45.563	8	45.563	2
	3	121.017	8	121.017	2
	4	123.770	8	123.770	2
34	1	48.909	8	48.909	2
	2	48.795	8	48.795	2
	3	121.444	8	121.444	2
	4	123.721	8	123.721	2
33	1	53.614	8	53.614	2
	2	53.312	8	53.312	2
	3	128.329	8	128.329	2
	4	127.996	8	127.996	2
32	1	151.633	8	151.633	2
	2	203.176	8	203.176	2
	3	200.818	8	200.818	2
	4	147.302	8	147.302	2
31	1	209.574	8	209.574	2
	2	174.614	8	174.614	2
	3	184.888	8	184.888	2
	4	201.911	8	201.911	2
30	1	195.850	8	195.850	2
	2	237.483	8	237.483	2
	3	224.742	8	224.742	2
	4	204.098	8	204.098	2
29	1	248.095	8	248.095	2
	2	284.576	8	284.576	2
	3	251.085	8	251.085	2
	4	233.018	8	233.018	2
28	1	284.716	8	284.716	2
	2	299.178	8	299.178	2
	3	268.641	8	268.641	2
	4	261.902	8	261.902	2
27	1	293.585	8	293.585	2

	2	287.394	8	287.394	2
	3	279.435	8	279.435	2
	4	278.854	8	278.854	2
26	1	294.405	8	294.405	2
	2	294.113	8	294.113	2
	3	293.918	8	293.918	2
	4	286.559	8	286.559	2
25	1	310.770	8	310.770	2
	2	324.018	6	323.946	1
	3	318.753	8	318.753	2
	4	308.213	8	308.213	2
24	1	300.048	8	300.048	2
	2	317.672	8	317.672	2
	3	298.176	8	298.176	2
	4	311.087	8	311.087	2
23	1	310.017	8	310.017	2
	2	299.000	8	299.000	2
	3	289.516	8	289.516	2
	4	285.508	8	285.508	2
22	1	290.849	8	290.849	2
	2	286.433	8	286.433	2
	3	278.065	8	278.065	2
	4	282.107	8	282.107	2
21	1	279.257	8	279.257	2
	2	286.889	8	286.889	2
	3	271.427	8	271.427	2
	4	275.038	8	275.038	2
20	1	289.286	8	289.286	2
	2	285.977	8	285.977	2
	3	261.191	8	261.191	2
	4	266.185	8	266.185	2
19	1	287.459	8	287.459	2
	2	257.139	8	257.139	2
	3	240.817	8	240.817	2
	4	251.461	8	251.461	2
18	1	248.333	8	248.333	2
	2	204.548	8	204.548	2
	3	205.930	8	205.930	2
	4	227.394	8	227.394	2
17	1	185.942	8	185.942	2
	2	177.431	8	177.431	2
	3	214.172	8	214.172	2
	4	199.951	8	199.951	2
16	1	209.040	8	209.040	2
	2	155.220	8	155.220	2
	3	151.312	8	151.312	2
	4	206.937	8	206.937	2
15	1	128.944	8	128.944	2
	2	53.516	8	53.516	2
	3	54.962	8	54.962	2
	4	129.158	8	129.158	2
14	1	49.483	8	49.483	2
	2	51.180	8	51.180	2
	3	125.651	8	125.651	2
	4	121.468	8	121.468	2
13	1	164.558	8	164.558	2
	2	165.500	8	165.500	2
	3	247.284	8	247.284	2
	4	242.943	8	242.943	2
12	1	202.216	8	202.216	2
	2	224.542	8	224.542	2
	3	267.804	8	267.804	2
	4	285.226	8	285.226	2
11	1	233.145	8	233.145	2
	2	212.267	8	212.267	2
	3	291.451	8	291.451	2
	4	284.844	8	284.844	2
10	1	194.245	8	194.245	2
	2	194.535	8	194.535	2

	3	270.859	8	270.859	2
	4	262.141	8	262.141	2
9	1	178.699	8	178.699	2
	2	181.781	8	181.781	2
	3	257.572	8	257.572	2
	4	254.209	8	254.209	2
8	1	167.523	8	167.523	2
	2	167.570	8	167.570	2
	3	241.819	8	241.819	2
	4	245.731	8	245.731	2
7	1	154.801	8	154.801	2
	2	151.461	8	151.461	2
	3	220.140	8	220.140	2
	4	230.036	8	230.036	2
6	1	145.292	8	145.292	2
	2	146.768	8	146.768	2
	3	196.708	8	196.708	2
	4	206.766	8	206.766	2
5	1	262.208	8	262.208	2
	2	266.037	8	266.037	2
	3	185.240	8	185.240	2
	4	184.971	8	184.971	2
4	1	253.406	8	253.406	2
	2	254.703	8	254.703	2
	3	174.608	8	174.608	2
	4	173.655	8	173.655	2
3	1	233.761	8	233.761	2
	2	222.476	8	222.476	2
	3	149.974	8	149.974	2
	4	153.628	8	153.628	2
2	1	211.623	8	211.623	2
	2	198.271	8	198.271	2
	3	146.201	8	146.201	2
	4	147.114	8	147.114	2
1	1	302.122	8	302.122	2
	2	255.547	8	255.547	2
	3	312.387	8	312.387	2

2.18 Verifica geotecnica

Elemento	Coeff. S.Fondo	Deflessione max	Pressione max	Portanza unitaria	Fattore sicurezza	Comb.
262	1.40	0.27	0.38	7.07	18.52	19
261	1.40	0.27	0.38	7.07	18.52	19
260	1.40	0.28	0.39	7.07	18.26	19
259	1.40	0.28	0.40	7.07	17.77	19
258	1.40	0.32	0.44	7.07	15.88	19
257	1.40	0.34	0.47	7.07	14.96	19
256	1.40	0.35	0.49	7.07	14.34	19
255	1.40	0.36	0.51	7.07	13.91	19
254	1.40	0.36	0.51	7.07	13.91	19
253	1.40	0.36	0.51	7.07	13.97	19
252	1.40	0.36	0.50	7.07	14.06	19
251	1.40	0.36	0.50	7.07	14.20	19
250	1.40	0.34	0.48	7.07	14.78	19
249	1.40	0.34	0.47	7.07	15.05	19
248	1.40	0.34	0.47	7.07	14.90	19
247	1.40	0.34	0.48	7.07	14.70	19
246	1.40	0.35	0.49	7.07	14.54	19
245	1.40	0.35	0.49	7.07	14.51	19
244	1.40	0.35	0.49	7.07	14.51	19
243	1.40	0.35	0.48	7.07	14.59	19
242	1.40	0.34	0.48	7.07	14.82	19
241	1.40	0.33	0.46	7.07	15.28	19
240	1.40	0.32	0.44	7.07	15.99	19
239	1.40	0.30	0.42	7.07	16.92	19
238	1.40	0.35	0.48	7.07	14.63	19
237	1.40	0.35	0.48	7.07	14.63	19
236	1.40	0.34	0.48	7.07	14.71	19
235	1.40	0.34	0.48	7.07	14.82	19
234	1.40	0.32	0.44	7.07	15.99	19
233	1.40	0.30	0.42	7.07	16.92	19

232	1.40	0.32	0.45	7.07	15.59	19
231	1.40	0.30	0.43	7.07	16.59	19
230	1.40	0.34	0.47	7.07	14.96	19
229	1.40	0.35	0.48	7.07	14.60	19
228	1.40	0.35	0.49	7.07	14.52	19
227	1.40	0.35	0.49	7.07	14.52	19
226	1.40	0.35	0.49	7.07	14.56	19
225	1.40	0.34	0.48	7.07	14.71	19
224	1.40	0.34	0.48	7.07	14.66	19
223	1.40	0.33	0.46	7.07	15.32	19
222	1.40	0.29	0.40	7.07	17.67	19
221	1.40	0.29	0.40	7.07	17.67	19
220	1.40	0.29	0.40	7.07	17.68	19
219	1.40	0.29	0.41	7.07	17.41	19
218	1.40	0.33	0.46	7.07	15.49	19
217	1.40	0.35	0.49	7.07	14.54	19
216	1.40	0.36	0.51	7.07	13.91	19
215	1.40	0.37	0.52	7.07	13.49	19
214	1.40	0.37	0.52	7.07	13.49	19
213	1.40	0.37	0.52	7.07	13.55	19
212	1.40	0.37	0.52	7.07	13.69	19
211	1.40	0.36	0.51	7.07	13.92	19
210	1.40	0.35	0.48	7.07	14.59	19
209	1.40	0.34	0.48	7.07	14.87	19
208	1.40	0.34	0.48	7.07	14.79	19
207	1.40	0.34	0.48	7.07	14.78	19
206	1.40	0.36	0.50	7.07	14.13	19
205	1.40	0.36	0.51	7.07	13.98	19
204	1.40	0.36	0.51	7.07	13.86	19
203	1.40	0.37	0.51	7.07	13.81	19
202	1.40	0.37	0.51	7.07	13.81	19
201	1.40	0.35	0.50	7.07	14.23	19
200	1.40	0.34	0.48	7.07	14.85	19
199	1.40	0.32	0.45	7.07	15.78	19
198	1.40	0.36	0.51	7.07	13.98	19
197	1.40	0.36	0.51	7.07	13.97	19
196	1.40	0.37	0.51	7.07	13.81	19
195	1.40	0.37	0.51	7.07	13.81	19
194	1.40	0.34	0.48	7.07	14.85	19
193	1.40	0.32	0.45	7.07	15.78	19
192	1.40	0.34	0.48	7.07	14.86	19
191	1.40	0.32	0.44	7.07	15.92	19
190	1.40	0.35	0.50	7.07	14.23	19
189	1.40	0.36	0.51	7.07	13.92	19
188	1.40	0.36	0.51	7.07	13.92	19
187	1.40	0.36	0.50	7.07	14.02	19
186	1.40	0.36	0.50	7.07	14.11	19
185	1.40	0.35	0.49	7.07	14.37	19
184	1.40	0.36	0.51	7.07	13.86	19
183	1.40	0.35	0.50	7.07	14.23	19
182	1.40	0.36	0.50	7.07	14.13	19
181	1.40	0.36	0.50	7.07	14.13	19
180	1.40	0.29	0.41	7.07	17.41	19
179	1.40	0.29	0.41	7.07	17.44	19
178	1.40	0.28	0.40	7.07	17.74	19
177	1.40	0.29	0.40	7.07	17.70	19
176	1.40	0.32	0.45	7.07	15.78	19
175	1.40	0.34	0.48	7.07	14.84	19
174	1.40	0.35	0.50	7.07	14.22	19
173	1.40	0.37	0.51	7.07	13.79	19
172	1.40	0.37	0.51	7.07	13.79	19
171	1.40	0.36	0.51	7.07	13.84	19
170	1.40	0.37	0.52	7.07	13.69	19
169	1.40	0.36	0.50	7.07	14.09	19
168	1.40	0.34	0.48	7.07	14.69	19
167	1.40	0.34	0.47	7.07	14.88	19
166	1.40	0.34	0.48	7.07	14.68	19
165	1.40	0.35	0.48	7.07	14.59	19
164	1.40	0.36	0.51	7.07	13.92	19

163	1.40	0.37	0.52	7.07	13.69	19
162	1.40	0.37	0.52	7.07	13.55	19
161	1.40	0.37	0.52	7.07	13.49	19
160	1.40	0.37	0.52	7.07	13.49	19
159	1.40	0.36	0.51	7.07	13.91	19
158	1.40	0.35	0.49	7.07	14.54	19
157	1.40	0.33	0.46	7.07	15.49	19
156	1.40	0.36	0.51	7.07	13.93	19
155	1.40	0.36	0.51	7.07	13.93	19
154	1.40	0.37	0.52	7.07	13.49	19
153	1.40	0.37	0.52	7.07	13.49	19
152	1.40	0.35	0.48	7.07	14.58	19
151	1.40	0.33	0.46	7.07	15.49	19
150	1.40	0.34	0.47	7.07	14.91	19
149	1.40	0.32	0.44	7.07	15.97	19
148	1.40	0.35	0.50	7.07	14.26	19
147	1.40	0.36	0.51	7.07	13.92	19
146	1.40	0.36	0.51	7.07	13.86	19
145	1.40	0.36	0.51	7.07	13.86	19
144	1.40	0.36	0.51	7.07	13.92	19
143	1.40	0.35	0.49	7.07	14.40	19
142	1.40	0.37	0.52	7.07	13.57	19
141	1.40	0.36	0.51	7.07	13.95	19
140	1.40	0.36	0.51	7.07	13.92	19
139	1.40	0.34	0.48	7.07	14.68	19
138	1.40	0.34	0.48	7.07	14.85	19
137	1.40	0.34	0.47	7.07	15.01	19
136	1.40	0.34	0.47	7.07	14.98	19
135	1.40	0.34	0.48	7.07	14.76	19
134	1.40	0.34	0.48	7.07	14.69	19
133	1.40	0.36	0.50	7.07	14.09	19
132	1.40	0.32	0.45	7.07	15.62	19
131	1.40	0.36	0.51	7.07	13.84	19
130	1.40	0.37	0.51	7.07	13.79	19
129	1.40	0.37	0.51	7.07	13.79	19
128	1.40	0.35	0.50	7.07	14.22	19
127	1.40	0.34	0.48	7.07	14.84	19
126	1.40	0.32	0.45	7.07	15.78	19
125	1.40	0.29	0.40	7.07	17.70	19
124	1.40	0.28	0.40	7.07	17.76	19
123	1.40	0.27	0.38	7.07	18.62	19
122	1.40	0.27	0.38	7.07	18.61	19
121	1.40	0.27	0.38	7.07	18.61	19
120	1.40	0.30	0.42	7.07	17.01	19
119	1.40	0.31	0.44	7.07	16.09	19
118	1.40	0.33	0.46	7.07	15.37	19
117	1.40	0.34	0.47	7.07	14.91	19
116	1.40	0.34	0.48	7.07	14.70	19
115	1.40	0.34	0.48	7.07	14.64	19
114	1.40	0.34	0.48	7.07	14.64	19
113	1.40	0.33	0.46	7.07	15.47	19
112	1.40	0.36	0.50	7.07	14.19	19
111	1.40	0.36	0.51	7.07	13.92	19
110	1.40	0.36	0.51	7.07	13.92	19
109	1.40	0.34	0.47	7.07	15.05	19
108	1.40	0.32	0.44	7.07	15.90	19
107	1.40	0.30	0.42	7.07	17.01	19
106	1.40	0.31	0.44	7.07	16.14	19
105	1.40	0.34	0.47	7.07	14.91	19
104	1.40	0.34	0.48	7.07	14.80	19
103	1.40	0.34	0.48	7.07	14.75	19
102	1.40	0.34	0.48	7.07	14.75	19
101	1.40	0.30	0.41	7.07	17.05	19
100	1.40	0.35	0.49	7.07	14.28	19
99	1.40	0.36	0.50	7.07	14.05	19
98	1.40	0.30	0.43	7.07	16.56	19
97	1.40	0.35	0.49	7.07	14.43	19
96	1.40	0.34	0.48	7.07	14.71	19
95	1.40	0.34	0.48	7.07	14.75	19

94	1.40	0.34	0.48	7.07	14.69	19
93	1.40	0.32	0.45	7.07	15.59	19
92	1.40	0.31	0.44	7.07	16.06	19
91	1.40	0.34	0.48	7.07	14.69	19
90	1.40	0.35	0.49	7.07	14.53	19
89	1.40	0.34	0.47	7.07	15.01	19
88	1.40	0.36	0.51	7.07	13.93	19
87	1.40	0.28	0.39	7.07	18.27	19
86	1.40	0.34	0.47	7.07	14.90	19
85	1.40	0.34	0.47	7.07	14.90	19
84	1.40	0.36	0.51	7.07	13.93	19
83	1.40	0.13	0.19	7.07	37.93	19
82	1.40	0.13	0.19	7.07	37.93	19
81	1.40	0.13	0.19	7.07	38.03	19
80	1.40	0.13	0.18	7.07	38.25	19
79	1.40	0.13	0.18	7.07	38.46	19
78	1.40	0.13	0.18	7.07	38.62	19
77	1.40	0.13	0.18	7.07	38.57	19
76	1.40	0.13	0.18	7.07	38.35	19
75	1.40	0.13	0.18	7.07	38.35	19
74	1.40	0.13	0.18	7.07	38.49	19
73	1.40	0.13	0.18	7.07	38.57	19
72	1.40	0.13	0.18	7.07	38.44	19
71	1.40	0.13	0.18	7.07	38.22	19
70	1.40	0.13	0.19	7.07	37.99	19
69	1.40	0.13	0.19	7.07	37.86	19
68	1.40	0.13	0.19	7.07	37.86	19
67	1.40	0.15	0.22	7.07	32.74	19
66	1.40	0.18	0.25	7.07	28.15	19
65	1.40	0.21	0.29	7.07	23.97	19
64	1.40	0.24	0.34	7.07	20.62	19
63	1.40	0.24	0.34	7.07	20.77	19
62	1.40	0.24	0.34	7.07	20.81	19
61	1.40	0.24	0.34	7.07	20.61	19
60	1.40	0.25	0.35	7.07	20.44	19
59	1.40	0.25	0.35	7.07	20.38	19
58	1.40	0.25	0.35	7.07	20.32	19
57	1.40	0.25	0.35	7.07	20.21	19
56	1.40	0.25	0.35	7.07	20.18	19
55	1.40	0.25	0.35	7.07	20.18	19
54	1.40	0.25	0.35	7.07	20.27	19
53	1.40	0.25	0.35	7.07	20.35	19
52	1.40	0.25	0.35	7.07	20.38	19
51	1.40	0.25	0.35	7.07	20.47	19
50	1.40	0.24	0.34	7.07	20.68	19
49	1.40	0.24	0.34	7.07	20.71	19
48	1.40	0.25	0.34	7.07	20.56	19
47	1.40	0.21	0.30	7.07	23.93	19
46	1.40	0.18	0.25	7.07	28.15	19
45	1.40	0.15	0.22	7.07	32.76	19
44	1.40	0.15	0.21	7.07	33.09	19
43	1.40	0.15	0.21	7.07	33.24	19
42	1.40	0.15	0.21	7.07	33.28	19
41	1.40	0.15	0.21	7.07	33.04	19
40	1.40	0.16	0.22	7.07	32.33	19
39	1.40	0.16	0.22	7.07	32.33	19
38	1.40	0.15	0.21	7.07	32.92	19
37	1.40	0.15	0.21	7.07	33.21	19
36	1.40	0.15	0.21	7.07	33.25	19
35	1.40	0.15	0.21	7.07	33.10	19
34	1.40	0.15	0.21	7.07	32.90	19
33	1.40	0.15	0.22	7.07	32.74	19
32	1.40	0.18	0.25	7.07	28.22	19
31	1.40	0.21	0.29	7.07	24.13	19
30	1.40	0.21	0.29	7.07	24.30	19
29	1.40	0.21	0.29	7.07	24.35	19
28	1.40	0.21	0.29	7.07	24.27	19
27	1.40	0.21	0.29	7.07	24.14	19
26	1.40	0.21	0.29	7.07	23.96	19

25	1.40	0.21	0.30	7.07	23.71	19
24	1.40	0.21	0.30	7.07	23.71	19
23	1.40	0.21	0.30	7.07	23.85	19
22	1.40	0.21	0.29	7.07	24.00	19
21	1.40	0.21	0.29	7.07	24.12	19
20	1.40	0.21	0.29	7.07	24.21	19
19	1.40	0.21	0.29	7.07	24.27	19
18	1.40	0.21	0.29	7.07	24.25	19
17	1.40	0.21	0.29	7.07	24.08	19
16	1.40	0.18	0.25	7.07	28.20	19
15	1.40	0.15	0.22	7.07	32.76	19
14	1.40	0.15	0.21	7.07	32.91	19
13	1.40	0.18	0.25	7.07	28.61	19
12	1.40	0.18	0.25	7.07	28.01	19
11	1.40	0.18	0.26	7.07	27.37	19
10	1.40	0.18	0.25	7.07	28.14	19
9	1.40	0.18	0.25	7.07	28.48	19
8	1.40	0.18	0.25	7.07	28.63	19
7	1.40	0.18	0.25	7.07	28.57	19
6	1.40	0.18	0.25	7.07	28.41	19
5	1.40	0.18	0.25	7.07	28.34	19
4	1.40	0.18	0.25	7.07	28.52	19
3	1.40	0.18	0.25	7.07	28.53	19
2	1.40	0.18	0.25	7.07	28.38	19
1	1.40	0.18	0.26	7.07	27.37	19

2.19 Verifica giunto alla base fissaggio chimico serbatoio

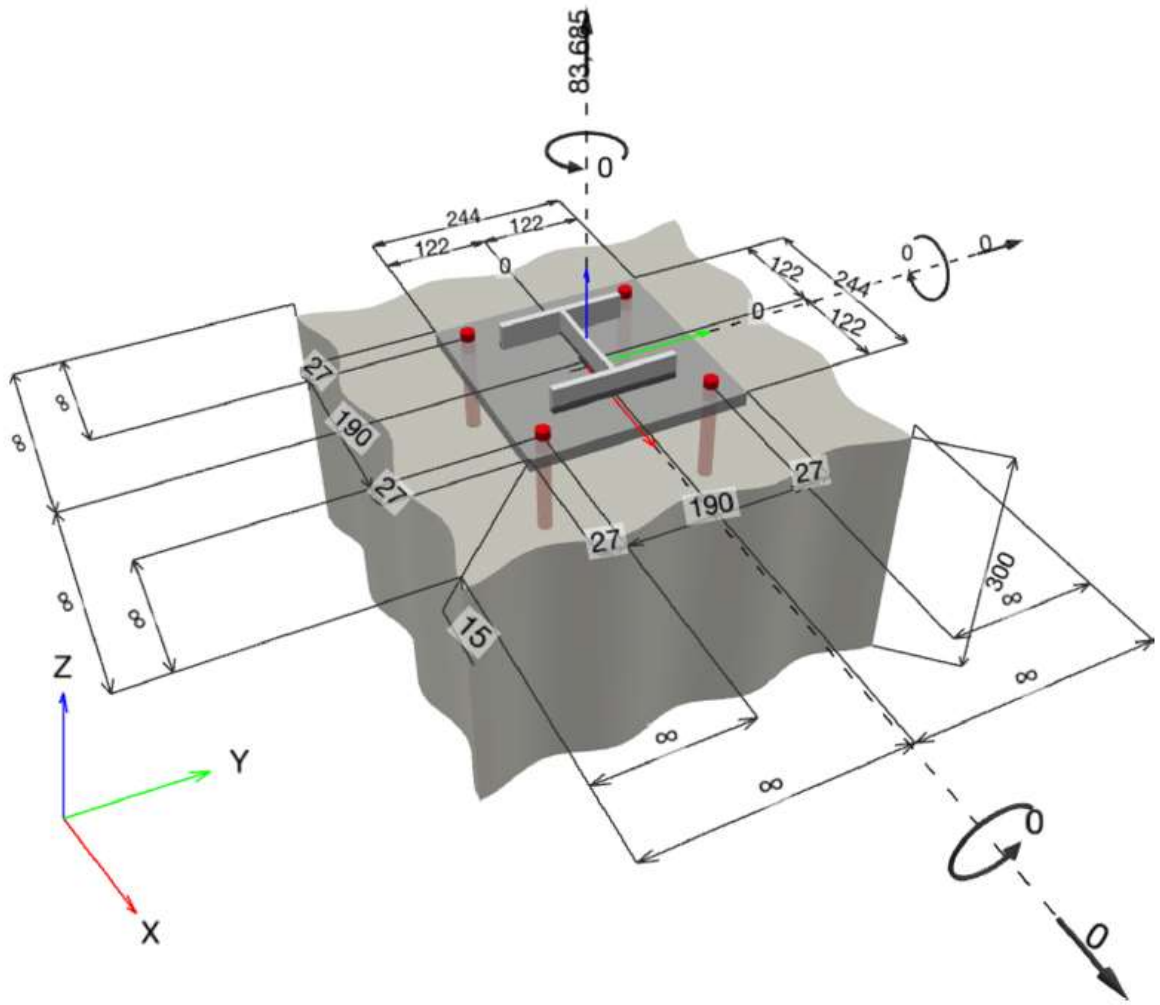
1 Dimensionamento ancorante

1.1 Dati da inserire



Tipo e dimensione dell'ancorante:	**HST4 M16**
Vita utile (durata in anni):	50
Codice articolo:	2329076 HST4 M16x170 5-70
Specification text:	HILTI HST4 ANCORANTE A FILETTO ESTERNO WITH 100 MM EMBEDMENT, M16, ACCIAIO ZINCATO, INSTALLATION PER ETA-21/0878
Profondità di posa effettiva:	$h_{ef,opti}$ = 100,0 mm ($h_{ef,limit}$ = 160,0 mm), h_{nom} = 112,0 mm
Materiale:	Carbon Steel
Certificazione No.:	ETA-21/0878
Emesso I Valido:	09/10/2025 | -
Prova:	metodo di calcolo EN 1992-4, meccanica+ Sismica (sezione 9, allegato C)
Categoria di performance sismica:	C2
Tipologia di verifica sismica:	9.2 (3) a2) progettazione elastica
Percentuale di carico sismico <= 20%:	no
Spostamenti massimi richiesti per l'SLD:	Carico di trazione $\delta_{N,req(DLS)}$ = 5,600 mm, Carico di taglio $\delta_{V,req(DLS)}$ = 4,900 mm
Fissaggio distanziato:	e_b = 0,0 mm (Senza distanziamento); t = 15,0 mm
Piastra d'ancoraggio[CBFEM] :	l_x x l_y x t = 244,0 mm x 244,0 mm x 15,0 mm;
Profilo:	IPBi/HEA, IPBI 140 / HE 140 A; (L x W x T x FT) = 133,0 mm x 140,0 mm x 5,5 mm x 8,5 mm
Materiale base:	non fessurato calcestruzzo, C25/30, $f_{c,cyl}$ = 25,00 N/mm^2; h =300,0 mm, fattore di sicurezza materiale parziale γ_c = 1,500; $\gamma_{c,seismic}$ = 1,500
Installazione:	**Hammer drilled hole, Condizioni di installazione: asciutto**
Armatura:	nessuna armatura o interasse tra le armature >= 150 mm (qualunque Ø) o >= 100 mm (Ø <= 10 mm) senza armatura di bordo longitudinale

[CBFEM] - Il calcolo dell'ancorante è basato su un Metodo ad Elementi Finiti basato sui componenti (CBFEM)


83,685
0
244
122
122
0
122
244
0
0
0
122
27
190
27
27
190
27
8
8
8
8
8
300
15
8
8
8
Z
Y
X
0
0

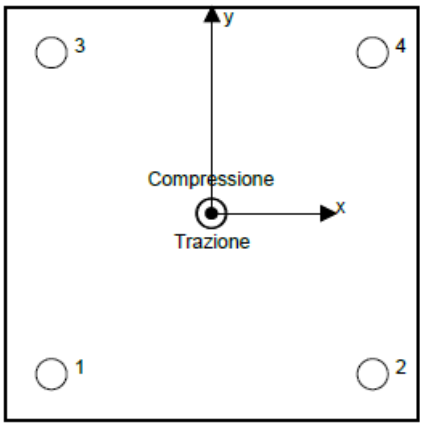
1.1.1 Combinazione carichi

Caso	Descrizione	Forze [kN] / Momenti [kNm]	Sismico	Fuoco	Util. max. Tassello [%]
1	Combinazione 1	N = 83,685; V_x = 0,000; V_y = 0,000; M_x = 0,000; M_y = 0,000; M_z = 0,000;	C2	no	100

1.2 Condizione di carico/Carichi risultanti sull'ancorante

Carichi sull'ancorante [kN]
Trazione: (+ Trazione, - Compressione)

Ancorante	Trazione	Taglio	Taglio in dir. x	Taglio in dir. y
1	20,919	0,299	0,148	0,260
2	20,922	0,300	-0,148	0,260
3	20,922	0,299	0,148	-0,260
4	20,919	0,299	-0,148	-0,260



Resulting tension force in (x/y)=(0,0/0,0): 83,682 [kN]
Resulting compression force in (x/y)=(-0,7/0,1): 0,526 [kN]

Le forze di ancoraggio sono calcolate in base ad un Metodo ad Elementi Finiti basato sui componenti (CBFEM)

1.3 Carico di trazione (EN 1992-4, sezione 7.2.1, Allegato C, sezione C.5)

	Carico [kN]	Resistenza [kN]	Utilizzo β_N [%]	Stato
Rottura dell'acciaio*	20,922	53,571	40	OK
Rottura per sfilamento*	20,922	21,647	97	OK
Rottura conica del calcestruzzo**	83,682	84,702	99	OK
Fessurazione**	N/A	N/A	N/A	N/A

*ancorante più sollecitato **gruppo di ancoranti (ancoranti sollecitati)

1.3.1 Rottura dell'acciaio

$$N_{Ed,eq} \le N_{Rd,s,eq} = \frac{N_{Rk,s,eq}}{\gamma_{Ms,eq}}$$ EN 1992-4, Tabella 7.1, Allegato C, sezione C.5

$$N_{Rk,s,eq} = \alpha_{gap} \cdot \alpha_{eq} \cdot N^0_{Rk,s,eq}$$ EN 1992-4, Eq. (C.8)

$$N_{Rd,s,eq,reduced} = N_{Rd,s,eq} \cdot \frac{\delta_{N,req(DLS)}}{\delta_{N,eq(DLS)}}$$ EN 1992-4, Eq. (C.11a)

$N^0_{Rk,s,eq}$ [kN]	α_{gap}	α_{eq}	$N_{Rk,s,eq}$ [kN]
75,000	1,000	1,000	75,000

$\gamma_{Ms,eq}$	$N_{Rd,s,eq}$ [kN]	$N_{Ed,eq}$ [kN]	$\delta_{N,req(DLS)}$ [mm]	$\delta_{N,eq(DLS)}$ [mm]	$N_{Rd,s,eq,reduced}$ [kN]
1,400	53,571	20,922	5,600	5,600	53,571

1.3.2 Rottura per sfilamento

$$N_{Ed,eq} \le N_{Rd,p,eq} = \frac{\psi_{c,eq} \cdot N_{Rk,p,eq}}{\gamma_{Mp,eq}}$$ EN 1992-4, Tabella 7.1, Allegato C, sezione C.5

$$N_{Rk,p,eq} = \alpha_{gap} \cdot \alpha_{eq} \cdot N^0_{Rk,p,eq}$$ EN 1992-4, Eq. (C.8)

$$N_{Rd,p,eq,reduced} = N_{Rd,p,eq} \cdot \frac{\delta_{N,req(DLS)}}{\delta_{N,eq(DLS)}}$$ EN 1992-4, Eq. (C.11a)

$N^0_{Rk,p,eq}$ [kN]	α_{gap}	α_{eq}	$N_{Rk,p,eq}$ [kN]	$\psi_{c,eq}$	$\gamma_{Mp,eq}$
38,200	1,000	0,850	32,470	1,000	1,500

$N_{Rd,p,eq}$ [kN]	$N_{Ed,eq}$ [kN]	$\delta_{N,req(DLS)}$ [mm]	$\delta_{N,eq(DLS)}$ [mm]	$N_{Rd,p,eq,reduced}$ [kN]
21,647	20,922	5,600	5,600	21,647

1.3.3 Rottura conica del calcestruzzo

$N_{Ed,eq} \le N_{Rd,c,eq} = \frac{N_{Rk,c,eq}}{\gamma_{Mc,eq}}$		EN 1992-4, Tabella 7.1, Allegato C, sezione C.5
$N_{Rk,c,eq}$	$= \alpha_{gap} \cdot \alpha_{eq} \cdot N^0_{Rk,c} \cdot \frac{A_{c,N}}{A^0_{c,N}} \cdot \psi_{s,N} \cdot \psi_{re,N} \cdot \psi_{ec1,N} \cdot \psi_{ec2,N} \cdot \psi_{M,N}$	EN 1992-4, Eq. (7.1), Eq. (C.8)
$N_{Rd,c,eq,reduced}$	$= N_{Rd,c,eq} \cdot \frac{\delta_{N,req(DLS)}}{\delta_{N,eq(DLS)}}$	EN 1992-4, Eq. (C.11a)
$N^0_{Rk,c}$	$= k_1 \cdot \sqrt{f_{ck}} \cdot h_{ef}^{1,5}$	EN 1992-4, Eq. (7.2)
$A^0_{c,N}$	$= s_{cr,N} \cdot s_{cr,N}$	EN 1992-4, Eq. (7.3)
$\psi_{s,N}$	$= 0,7 + 0,3 \cdot \frac{c}{c_{cr,N}} \le 1,00$	EN 1992-4, Eq. (7.4)
$\psi_{ec1,N}$	$= \frac{1}{1 + \left(\frac{2 \cdot e_{N,1}}{s_{cr,N}}\right)} \le 1,00$	EN 1992-4, Eq. (7.6)
$\psi_{ec2,N}$	$= \frac{1}{1 + \left(\frac{2 \cdot e_{N,2}}{s_{cr,N}}\right)} \le 1,00$	EN 1992-4, Eq. (7.6)
$\psi_{M,N}$	$= 1$	EN 1992-4, Eq. (7.7)

$A_{c,N}$ [mm²]	$A^0_{c,N}$ [mm²]	$c_{cr,N}$ [mm]	$s_{cr,N}$ [mm]	$f_{c,cyl}$ [N/mm²]
240.100	90.000	150,0	300,0	25,00

$e_{c1,N}$ [mm]	$\psi_{ec1,N}$	$e_{c2,N}$ [mm]	$\psi_{ec2,N}$	$\psi_{s,N}$	$\psi_{re,N}$	z [mm]
0,0	1,000	0,0	1,000	1,000	1,000	0,7

$\psi_{M,N}$	k_1	$N^0_{Rk,c}$ [kN]	α_{gap}	α_{eq}	$N_{Rk,c,eq}$ [kN]
1,000	12,700	63,500	1,000	0,750	127,053

$\gamma_{Mc,eq}$	$N_{Rd,c,eq}$ [kN]	$N_{Ed,eq}$ [kN]	$\delta_{N,req(DLS)}$ [mm]	$\delta_{N,eq(DLS)}$ [mm]	$N_{Rd,c,eq,reduced}$ [kN]
1,500	84,702	83,682	5,600	5,600	84,702

ID gruppo ancoranti
1-4

1.4 Carico di taglio (EN 1992-4, sezione 7.2.2, Allegato C, sezione C.5)

	Carico [kN]	Resistenza [kN]	Utilizzo β_V [%]	Stato
Rottura dell'acciaio (senza braccio di leva)*	0,300	15,269	2	OK
Rottura dell'acciaio (con braccio di leva)*	N/A	N/A	N/A	N/A
Rottura per pryout*	0,300	35,998	1	OK
Rottura del bordo del calcestruzzo in direzione **	N/A	N/A	N/A	N/A

*ancorante più sollecitato **gruppo di ancoranti (ancoranti specifici)
When the input edge distance is set to "infinity", edge breakout verification is not performed in that direction

1.4.1 Rottura dell'acciaio (senza braccio di leva)

$$V_{Ed,eq} \le V_{Rd,s,eq} = \frac{V_{Rk,s,eq}}{\gamma_{Ms,V,eq}}$$ EN 1992-4, Tabella 7.2, Allegato C, sezione C.5

$$V_{Rk,s,eq} = \alpha_{gap} \cdot \alpha_{eq} \cdot k_7 \cdot V^0_{Rk,s,eq}$$ EN 1992-4, Eq. (7.35), Eq. (C.8)

$$V_{Rd,s,eq,reduced} = V_{Rd,s,eq} \cdot \frac{\delta_{V,req(DLS)}}{\delta_{V,eq(DLS)}}$$ EN 1992-4, Eq. (C.11b)

$V^0_{Rk,s,eq}$ [kN]	k_7	α_{gap}	α_{eq}	$V_{Rk,s,eq}$ [kN]
44,910	1,000	0,500	0,850	19,087

γ_{Ms}	$V_{Rd,s,eq}$ [kN]	$V_{Ed,eq}$ [kN]	$\delta_{V,req(DLS)}$ [mm]	$\delta_{V,eq(DLS)}$ [mm]	$V_{Rd,s,eq,reduced}$ [kN]
1,250	15,269	0,300	4,900	4,900	15,269

1.4.2 Rottura per pryout

$V_{Ed,eq} \le V_{Rd,cp,eq} = \frac{V_{Rk,cp,eq}}{\gamma_{Mc,p,eq}}$		EN 1992-4, Tabella 7.2, Allegato C, sezione C.5
$V_{Rk,cp,eq}$	$= \alpha_{gap} \cdot \alpha_{eq} \cdot k_8 \cdot N_{Rk,c}$	EN 1992-4, Eq. (7.39a), Eq. (C.8)
$V_{Rd,cp,eq,reduced}$	$= V_{Rd,cp,eq} \cdot \frac{\delta_{V,req(DLS)}}{\delta_{V,eq(DLS)}}$	EN 1992-4, Eq. (C.11b)
$N_{Rk,c}$	$= N^0_{Rk,c} \cdot \frac{A_{c,N}}{A^0_{c,N}} \cdot \psi_{s,N} \cdot \psi_{re,N} \cdot \psi_{ec1,N} \cdot \psi_{ec2,N} \cdot \psi_{M,N}$	EN 1992-4, Eq. (7.1)
$N^0_{Rk,c}$	$= k_1 \cdot \sqrt{f_{ck}} \cdot h_{ef}^{1,5}$	EN 1992-4, Eq. (7.2)
$A^0_{c,N}$	$= s_{cr,N} \cdot s_{cr,N}$	EN 1992-4, Eq. (7.3)
$\psi_{s,N}$	$= 0,7 + 0,3 \cdot \frac{c}{c_{cr,N}} \le 1,00$	EN 1992-4, Eq. (7.4)
$\psi_{ec1,N}$	$= \frac{1}{1 + \left(\frac{2 \cdot e_{V,1}}{s_{cr,N}}\right)} \le 1,00$	EN 1992-4, Eq. (7.6)
$\psi_{ec2,N}$	$= \frac{1}{1 + \left(\frac{2 \cdot e_{V,2}}{s_{cr,N}}\right)} \le 1,00$	EN 1992-4, Eq. (7.6)
$\psi_{M,N}$	$= 1$	EN 1992-4, Eq. (7.7)

$A_{c,N}$ [mm²]	$A^0_{c,N}$ [mm²]	$c_{cr,N}$ [mm]	$s_{cr,N}$ [mm]	k_8	$f_{c,cyl}$ [N/mm²]	
60.025	90.000	150,0	300,0	3,000	25,00	
$e_{c1,V}$ [mm]	$\psi_{ec1,N}$	$e_{c2,V}$ [mm]	$\psi_{ec2,N}$	$\psi_{s,N}$	$\psi_{re,N}$	$\psi_{M,N}$
0,0	1,000	0,0	1,000	1,000	1,000	1,000
k_1	$N^0_{Rk,c}$ [kN]	α_{gap}	α_{eq}	$V^0_{Rk,cp,eq}$ [kN]	$V_{Rk,cp,eq}$ [kN]	
12,700	63,500	0,500	0,850	127,053	53,997	
$\gamma_{Mc,eq}$	$V_{Rd,cp,eq}$ [kN]	$V_{Ed,eq}$ [kN]	$\delta_{V,req(DLS)}$ [mm]	$\delta_{V,eq(DLS)}$ [mm]	$V_{Rd,cp,eq,reduced}$ [kN]	
1,500	35,998	0,300	4,900	4,900	35,998	

ID gruppo ancoranti
2

1.5 Carichi combinati di trazione e di taglio (EN 1992-4, sezione 7.2.3 Allegato C, sezione C.5 (3))

Rottura dell'acciaio

β_N	β_V	k_{15}	Utilizzo $\beta_{N,V}$ [%]	Stato
0,391	0,020	1,000	42	OK

$\beta_N^{k15} + \beta_V^{k15} \leq 1,0$

Rottura del calcestruzzo

β_N	β_V	k_{15}	Utilizzo $\beta_{N,V}$ [%]	Stato
0,988	0,008	1,000	100	OK

$\beta_N^{k15} + \beta_V^{k15} \leq 1,0$

1.6 Attenzione

- The anchor design methods in PROFIS Engineering require rigid anchor plates per current regulations (EN1992-4, ACI318, IS1946, AS 5216:2021, ETAG 001/Annex C, EOTA TR029 etc.). This means load re-distribution on the anchors due to elastic deformations of the anchor plate are not considered - the anchor plate is assumed to be sufficiently stiff, in order not to be deformed when subjected to the design loading. PROFIS Engineering calculates the minimum required anchor plate thickness with CBFEM to limit the stress of the anchor plate based on the assumptions explained above. The proof if the rigid base plate assumption is valid is not carried out by PROFIS Engineering. Input data and results must be checked for agreement with the existing conditions and for plausibility!
- The equations presented in this report are based on metric units. When inputs are displayed in imperial units, the user should be aware that the equations remain in their metric format.
- Per la corretta scelta della categoria di performance sismica si controlli la normativa nazionale di riferimento.
- La verifica del trasferimento dei carichi nel materiale base è necessaria conformemente a EN 1992-A, allegato A!
- La progettazione è valida solamente se il foro passante non è più largo rispetto al valore riportato nella tabella 6.1 of EN 1992-4! Per diametri maggiori del foro passante vedere paragrafo 6.2.2 di EN 1992-4!
- La lista accessori inclusa in questo report di calcolo è da ritenersi solo come informativa dell'utente. In ogni caso, le istruzioni d'uso fornite con il prodotto dovranno essere rispettate per garantire una corretta installazione.
- Per la determinazione del $\psi_{re,v}$ (rottura del bordo di calcestruzzo) è utilizzato il minimo copriferro definito nei parametri di calcolo come copriferro del rinforzo del bordo.
- I metodi di progettazione dell'ancoraggio in PROFIS Engineering richiedono delle piastre base rigide, come previsto dalla normativa vigente (EN 1992-4, AS 5216:2021, ETAG 001/allegato C, TR029 EOTA, ecc.). Ciò significa che la piastra di base deve essere sufficientemente rigida da evitare la ridistribuzione del carico tra gli ancoranti dovuta a spostamenti elastici / plastici. L'utente accetta che la piastra base sia considerata quasi rigida secondo i canoni di progettazione."
- L'adesione chimica caratteristica dipende dal periodo di ritorno (durata in anni): 50

1.7 Dati relativi all'installazione

Piastra d'ancoraggio, acciaio: S 275; E = 210.000,00 N/mm^2; f_{yk} = 275,00 N/mm^2

Profilo: IPBi/HEA, IPBI 140 / HE 140 A; (L x W x T x FT) = 133,0 mm x 140,0 mm x 5,5 mm x 8,5 mm

Diametro del foro nella piastra: d_f = 18,0 mm

Spessore della piastra (input): 15,0 mm

Metodo di perforazione: Foro con perforazione a roto-percussione

Pulizia: Non è necessaria la pulizia del foro

Tipo e dimensione dell'ancorante: HST4 M16

Codice articolo: 2329076 HST4 M16x170 5-70

Coppia di serraggio massima: 120 Nm

Diametro del foro nel materiale base: 16,0 mm

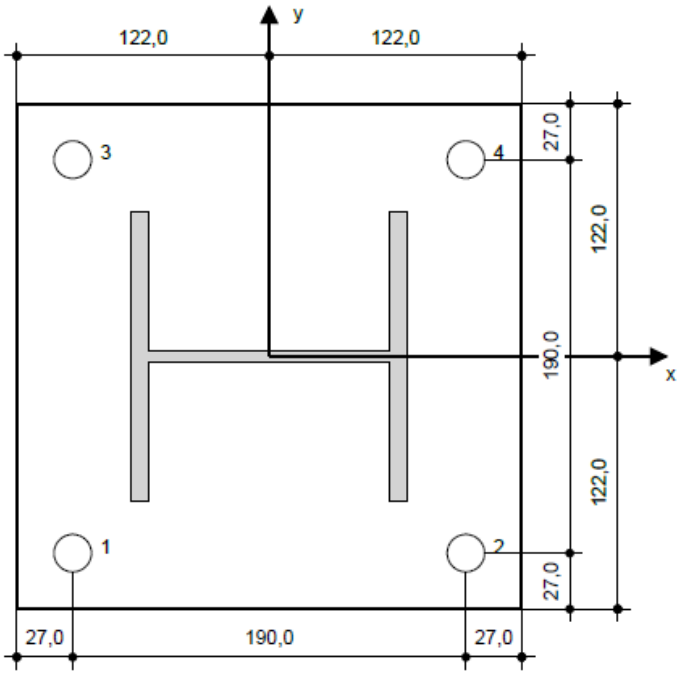
Profondità del foro nel materiale base: 132,0 mm

Spessore minimo del materiale base: 166,0 mm

Hilti HST4 ancorante a filetto esterno with 100 mm embedment, M16, Acciaio zincato, installation per ETA-21/0878

1.7.1 Accessori richiesti

Perforazione	Pulizia	Posa
• Idoneo per rotopercussione • Dimensione appropriata della punta del trapano	• Non sono richiesti accessori	• Utensile di impatto cordless a coppia controllata • Chiave dinamometrica • Martello



Coordinate dell'ancorante [mm]

Ancorante	x	y	c_{-x}	c_{+x}	c_{-y}	c_{+y}
1	-95,0	-95,0	-	-	-	-
2	95,0	-95,0	-	-	-	-
3	-95,0	95,0	-	-	-	-
4	95,0	95,0	-	-	-	-

2 Controllo di rigidità della piastra

2.1 Dati da inserire

Piastra d'ancoraggio:	Forma: Rectangular l_x x l_y x t = 244.0 mm x 244.0 mm x 15.0 mm Calcolo: Controllo di rigidità piastra Materiale: S 275; F_y = 275.00 N/mm²; ε_{lim} = 5,00%
Tipo e dimensione dell'ancorante:	HST4 M16, h_{ef} = 100.0 mm
Rigidezza di ancoraggio:	L'ancorante è modellato considerando i valori dirigidezza valutati secondo le curve sforzo-deformazione determinate tramite test in laboratori indipendenti. Si prega di notare che non è possibile provvedere ad una semplice sostituzione dell'ancorante, in quanto la rigidezza dell'ancorante ha grande impatto sui risultati della distribuzione del carico.
Metodo di progettazione:	Progettazione basata su EN utilizzando il FEM basato sul componente
Tempo di verifica sismica:	a2) Progettazione elastica
Fissaggio distanziato:	e_b = 0.0 mm (Fissaggio a filo materiale base); t = 15.0 mm
Profilo:	IPBl 140 / HE 140 A; (L x W x T x FT) = 133.0 mm x 140.0 mm x 5.5 mm x 8.5 mm Materiale: S 275; F_y = 275.00 N/mm²; ε_{lim} = 5,00% Eccentricità x: 0.0 mm Eccentricità y: 0.0 mm
Materiale base:	Calcestruzzo non fessurato; C25/30; $f_{c,cyl}$ = 25,00 N/mm²; h = 300,0 mm; E = 31.000,00 N/mm²; G = 12.916,67 N/mm²; v = 0,20
Saldature (profilo rispetto alla piastra base):	Tipo di ridistribuzione: Plastica Materiale: S 235
Dimensioni delle maglie:	Numero di elementi sul bordo: 8 Dimensione minima dell'elemento: 10.0 mm Dimensione massima dell'elemento: 50.0 mm

2.2 Classificazione piastra di ancoraggio

I risultati in basso sono riportati per le combinazioni decisive del carico: Combinazione 1

Forze di tensione di ancoraggio	Piastra di ancoraggio rigida equivalente (FEM)	Piastra di ancoraggio flessibile (FEM)
Ancoraggio 1	20,921 kN	20,919 kN
Ancoraggio 2	20,921 kN	20,922 kN
Ancoraggio 3	20,921 kN	20,922 kN
Ancoraggio 4	20,921 kN	20,919 kN

L'utente ha accettato di considerare la piastra di ancoraggio selezionata come rigida in base al proprio giudizio di progettazione. Ciò significa che le linee guida di progettazione di ancoraggio si possono applicare.

3 Sintesi dei risultati

	Combinazione carichi	Utilizzo max.	Stato
Ancoranti	Combinazione 1	100%	OK

L'ancoraggio risulta verificato!