



Escuela Politécnica Nacional

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Repositorio: <https://github.com/SebastianMoralesEpn/Github1.0/blob/517d4c04ebc46f5f67fe34e94e04a2a6b1bdcc72/Talleres/%5BTaller%201b%5D%20Eliminaci%C3%B3n%20gaussiana%20vs%20Gauss-Jordan/Taller%201b%20-%20Morales%20Sebastian.ipynb>

¿Qué sucede al usar el código provisto de la eliminación gaussiana para el siguiente sistema de ecuaciones

$$\begin{aligned}4x_1 + x_2 + 2x_3 &= 9 \\2x_1 + 4x_2 - x_3 &= -5 \\x_1 + x_2 - 3x_3 &= -9\end{aligned}$$

```
In [1]: %load_ext autoreload
```

```
In [2]: %autoreload 2
from src import eliminacion_gaussiana

Ab = [[4, 1, 2, 9], [2, 4, -1, -5], [1, 1, -3, -9.0]]

eliminacion_gaussiana(Ab)
```

```
[06-24 17:34:32][INFO] 2025-06-24 17:34:32.477655
```

```
[06-24 17:34:32][INFO]
```

```
[[ 1.  1. -3. -9.]
```

```
 [ 0.  2.  5. 13.]
```

```
 [ 0. -3. 14. 45.]]
```

```
[06-24 17:34:32][INFO]
```

```
[[ 1.  1. -3. -9. ]
```

```
 [ 0.  2.  5. 13. ]
```

```
 [ 0.  0. 21.5 64.5]]
```

```
Out[2]: array([ 1., -1.,  3.])
```

Respuesta: Se llega a una solución que tiene un alto grado de error

$$\begin{aligned}2x_1 + x_2 - x_3 + x_4 - 3x_5 &= 7, \\ x_1 + 2x_3 - x_4 + x_5 &= 2, \\ -2x_2 - x_3 + x_4 - x_5 &= -5, \\ 3x_1 + x_2 - 4x_3 + 5x_5 &= 6, \\ x_1 - x_2 - x_3 - x_4 + x_5 &= 3.\end{aligned}$$

```
In [3]: %autoreload 3
        from src import eliminacion_gaussiana

        Ab = [[2.0, 1, -1, 1, -3, 7], [1, 0, 2, -1, 1, 2], [0, -2, -1, 1, -1, -5], [3,

        solucion, intercambios = eliminacion_gaussiana(Ab)
        print("Solución:", solucion)
        print("Intercambios:", intercambios)
```

```
[06-24 17:15:54][INFO]
[[ 1.  0.  2. -1.  1.  2.]
 [ 0.  1. -5.  3. -5.  3.]
 [ 0. -2. -1.  1. -1. -5.]
 [ 0.  1. -10.  3.  2.  0.]
 [ 0. -1. -3.  0.  0.  1.]]
[06-24 17:15:54][INFO]
[[ 1.  0.  2. -1.  1.  2.]
 [ 0.  1. -5.  3. -5.  3.]
 [ 0.  0. -11.  7. -11.  1.]
 [ 0.  0. -5.  0.  7. -3.]
 [ 0.  0. -8.  3. -5.  4.]]
[06-24 17:15:54][INFO]
[[ 1.  0.  2. -1.  1.  2. ]
 [ 0.  1. -5.  3. -5.  3. ]
 [ 0.  0. -5.  0.  7. -3. ]
 [ 0.  0.  0.  7. -26.4  7.6]
 [ 0.  0.  0.  3. -16.2  8.8]]
[06-24 17:15:54][INFO]
[[ 1.  0.  2. -1.  1.
  2.  ]
 [ 0.  1. -5.  3. -5.
  3.  ]
 [ 0.  0. -5.  0.  7.
 -3.  ]
 [ 0.  0.  0.  7. -26.4
 8.8  ]
 [ 0.  0.  0.  3. -16.2
 -12.93333333]]
Solución: [ 1.91812865  1.96491228 -0.98830409 -3.19298246 -1.13450292]
Intercambios: [(0, 1), (2, 3), (3, 4)]
```

```
In [2]: %autoreload 1
        from src import eliminacion_gaussiana

        Ab = [[2.0, 1, -1, 1, -3, 7], [1, 0, 2, -1, 1, 2], [0, -2, -1, 1, -1, -5], [3,

        solucion, operaciones = eliminacion_gaussiana(Ab)
        print("Solución:", solucion)
        print("Operaciones:", operaciones)
```

```
[06-24 17:25:13][INFO] 2025-06-24 17:25:13.181089
[06-24 17:25:13][INFO]
[[ 1.  0.  2. -1.  1.  2.]
 [ 2.  1. -5.  3. -5.  3.]
 [ 0. -2. -1.  1. -1. -5.]
 [ 0.  1. -10.  3.  2.  0.]
 [ 0. -1. -3.  0.  0.  1.]]
[06-24 17:25:13][INFO]
[[ 1.  0.  2. -1.  1.  2.]
 [ 2.  1. -5.  3. -5.  3.]
 [ 0.  0. -11.  7. -11.  1.]
 [ 0.  0. -5.  0.  7. -3.]
 [ 0.  0. -8.  3. -5.  4.]]
[06-24 17:25:13][INFO]
[[ 1.  0.  2. -1.  1.  2. ]
 [ 2.  1. -5.  3. -5.  3. ]
 [ 0.  0. -5.  0.  7. -3. ]
 [ 0.  0.  0.  7. -26.4  7.6]
 [ 0.  0.  0.  3. -16.2  8.8]]
[06-24 17:25:13][INFO]
[[ 1.  0.  2. -1.  1.
  2.  ]
 [ 2.  1. -5.  3. -5.
  3.  ]
 [ 0.  0. -5.  0.  7.
 -3.  ]
 [ 0.  0.  0.  7. -26.4
 8.8  ]
 [ 0.  0.  0.  3. -16.2
 -12.93333333]]
Solución: [ 1.91812865  1.96491228 -0.98830409 -3.19298246 -1.13450292]
Operaciones: {'mult_div': 65, 'suma_resta': 50}
```

Comparación

```
In [6]: import numpy as np
import time
import matplotlib.pyplot as plt

# Configuración del experimento
np.random.seed(42) # Para reproducibilidad
min_var = 2
max_var = 100
step = 5
sizes = range(min_var, max_var + 1, step)
tiempos = []

for n in sizes:
    # Generar matriz aleatoria bien condicionada
    A = np.random.rand(n, n + 1) * 10 - 5 # Valores entre -5 y 5

    # Medir tiempo
    start_time = time.time()
```

```

try:
    sol = eliminacion_gaussiana(A.copy())
    elapsed = time.time() - start_time
    tiempos.append(elapsed)
    print(f"n = {n}: {elapsed:.6f} segundos")
except ValueError as e:
    print(f"Error con n={n}: {str(e)}")
    tiempos.append(np.nan)

# Filtrar valores no válidos
valid_sizes = [s for s, t in zip(sizes, tiempos) if not np.isnan(t)]
valid_times = [t for t in tiempos if not np.isnan(t)]

# Gráfico de tiempo vs tamaño
plt.figure(figsize=(12, 6))
plt.plot(valid_sizes, valid_times, 'bo-')
plt.xlabel('Número de variables (n)')
plt.ylabel('Tiempo de ejecución (segundos)')
plt.title('Rendimiento de Eliminación Gaussiana')
plt.grid(True)

```

```

[06-24 17:37:20][INFO]
[[ 0.98658484 -3.4398136 -3.4400548 ]
 [ 0.          0.13287552 -2.05463485]]
n = 2: 0.000000 segundos
[06-24 17:37:20][INFO]
[[ 0.97899979  4.21874235 -4.11507498 -3.04017138 -4.54772711
  -1.74669669 -1.1132271 -2.28650968]
 [ 0.          10.54496212 -15.33157553 -9.63299581 -15.46066765
  -7.76447466 -2.49946029 -11.03622024]
 [ 0.          7.62059865 -9.17618005 -3.60294954 -12.65872307
  -3.56613706 -1.43939119 -9.39007582]
 [ 0.          -7.92912158  0.17099831  7.8285372  9.6520787
  5.00275058 -0.73096272 -1.51150768]
 [ 0.          -8.53751326  3.96433416  5.6729141  3.90202322
  7.38022432 -0.31727431  5.92808995]
 [ 0.          8.31449665 -7.44733242 -8.99855167 -4.05069948
  -0.60805595  2.25394367 -0.4493214 ]
 [ 0.          22.70498704 -17.56412531 -11.64247998 -25.32240401
  -3.1854169 -1.70063393 -13.19781746]]
[06-24 17:37:20][INFO]
[[ 0.97899979  4.21874235 -4.11507498 -3.04017138 -4.54772711
  -1.74669669 -1.1132271 -2.28650968]
 [ 0.          7.62059865 -9.17618005 -3.60294954 -12.65872307
  -3.56613706 -1.43939119 -9.39007582]
 [ 0.          0.          -2.63408608 -4.64743389  2.05577185
  -2.82985182 -0.50771052  1.95724632]
 [ 0.          0.          -9.37668298  4.07972083 -3.51913773
  1.29223706 -2.22862823 -11.2817444 ]
 [ 0.          0.          -6.3159289  1.63645569 -10.27980435
  3.3850077 -1.92985384 -4.59180493]
 [ 0.          0.          2.56438998 -5.06753348  9.76067091
  3.28279777  3.82439946  9.79577318]
 [ 0.          0.          9.77559674 -0.90776918 12.39328688
  7.43961394  2.58792133 14.77919056]]
[06-24 17:37:20][INFO]
[[ 0.97899979  4.21874235 -4.11507498 -3.04017138 -4.54772711
  -1.74669669 -1.1132271 -2.28650968]
 [ 0.          7.62059865 -9.17618005 -3.60294954 -12.65872307
  -3.56613706 -1.43939119 -9.39007582]
 [ 0.          0.          2.56438998 -5.06753348  9.76067091
  3.28279777  3.82439946  9.79577318]
 [ 0.          0.          0.          -14.44969759 32.17072124
 13.2957756 11.75527498 24.53646589]
 [ 0.          0.          0.          -10.84455595 13.76010531
11.47032915 7.489398 19.53455938]
 [ 0.          0.          0.          -9.85269499 12.08172249
 0.54216725 3.42063011 12.01925325]
 [ 0.          0.          0.          18.40994932 -24.81493159
 -5.0745931 -11.99090135 -22.56283969]]
[06-24 17:37:20][INFO]
[[ 0.97899979  4.21874235 -4.11507498 -3.04017138 -4.54772711
  -1.74669669 -1.1132271 -2.28650968]
 [ 0.          7.62059865 -9.17618005 -3.60294954 -12.65872307
  -3.56613706 -1.43939119 -9.39007582]

```

```

[ 0.          0.          2.56438998 -5.06753348  9.76067091
 3.28279777  3.82439946  9.79577318]
[ 0.          0.          0.         -9.85269499  12.08172249
 0.54216725  3.42063011  12.01925325]
[ 0.          0.          0.          0.          0.4621279
10.87358246  3.72441647  6.30533991]
[ 0.          0.          0.          0.          14.45199184
12.50064769  6.73867082  6.9093522 ]
[ 0.          0.          0.          0.          -2.24000169
-4.06154321 -5.59938847 -0.10463475]]
[06-24 17:37:20][INFO]
[[ 0.97899979  4.21874235 -4.11507498 -3.04017138 -4.54772711
-1.74669669 -1.1132271 -2.28650968]
[ 0.          7.62059865 -9.17618005 -3.60294954 -12.65872307
-3.56613706 -1.43939119 -9.39007582]
[ 0.          0.          2.56438998 -5.06753348  9.76067091
 3.28279777  3.82439946  9.79577318]
[ 0.          0.          0.         -9.85269499  12.08172249
 0.54216725  3.42063011  12.01925325]
[ 0.          0.          0.          0.          0.4621279
10.87358246  3.72441647  6.30533991]
[ 0.          0.          0.          0.          0.
-327.5457465 -109.73392648 -190.27571625]
[ 0.          0.          0.          0.          0.
 48.64430561  12.45340436  30.4582725 ]]
[06-24 17:37:20][INFO]
[[ 0.97899979  4.21874235 -4.11507498 -3.04017138 -4.54772711
-1.74669669 -1.1132271 -2.28650968]
[ 0.          7.62059865 -9.17618005 -3.60294954 -12.65872307
-3.56613706 -1.43939119 -9.39007582]
[ 0.          0.          2.56438998 -5.06753348  9.76067091
 3.28279777  3.82439946  9.79577318]
[ 0.          0.          0.         -9.85269499  12.08172249
 0.54216725  3.42063011  12.01925325]
[ 0.          0.          0.          0.          0.4621279
10.87358246  3.72441647  6.30533991]
[ 0.          0.          0.          0.          0.
 48.64430561  12.45340436  30.4582725 ]
[ 0.          0.          0.          0.          0.
 0.          -25.87910368  14.81463251]]
n = 7: 0.010438 segundos
[06-24 17:37:20][INFO]
[[ -1.05472397e-01  4.85650454e+00 -2.57944728e+00  1.72135547e+00
 2.61619615e+00 -2.62362456e+00  2.28216349e+00 -1.32216867e+00
 1.32305831e+00  1.33529711e+00  3.57746841e-01 -4.09710230e+00
 3.35302496e+00]
[ 0.00000000e+00  1.08159662e+02 -6.02658578e+01  3.59596248e+01
 5.29629055e+01 -5.33344701e+01  5.07845048e+01 -3.03986353e+01
 2.43625153e+01  2.71024902e+01  6.01941915e+00 -8.66623595e+01
 7.41782008e+01]
[ 4.44089210e-16  1.78015285e+02 -9.85013323e+01  6.53272544e+01
 9.86542583e+01 -9.57063492e+01  8.64929939e+01 -4.86018110e+01
 4.87997557e+01  4.82971513e+01  8.38787733e+00 -1.54334868e+02
 1.18411332e+02]

```

```

[ 0.00000000e+00  6.09540960e+01 -3.32750087e+01  2.63384382e+01
 3.13289213e+01 -3.48282435e+01  3.20713722e+01 -1.98119968e+01
 1.28812835e+01  1.51672868e+01  1.23905316e+00 -4.86919973e+01
 4.64468165e+01]
[ 0.00000000e+00  6.51407199e+01 -2.95886833e+01  1.86377749e+01
 3.70158016e+01 -3.27907453e+01  3.19396962e+01 -1.27621607e+01
 1.49143608e+01  1.29896443e+01  1.80421061e+00 -5.25499532e+01
 4.55899285e+01]
[ 0.00000000e+00  1.61168876e+02 -8.81132888e+01  5.80469128e+01
 8.66987034e+01 -9.35330337e+01  7.64293853e+01 -4.07909500e+01
 4.34825031e+01  4.58569644e+01  1.42656398e+01 -1.41490423e+02
 1.19396038e+02]
[ 0.00000000e+00  2.10452908e+02 -1.13124254e+02  7.34821964e+01
 1.12556411e+02 -1.19664837e+02  1.01157874e+02 -5.79441427e+01
 5.35247267e+01  5.63330182e+01  1.97681902e+01 -1.82243218e+02
 1.43463463e+02]
[ 0.00000000e+00  1.49935592e+02 -8.25871470e+01  5.40783545e+01
 7.79511271e+01 -7.87514444e+01  6.68762250e+01 -3.63406269e+01
 4.39596722e+01  3.86058416e+01  6.20551342e+00 -1.24544314e+02
 1.06576018e+02]
[-2.22044605e-16 -8.56571099e+01  3.92380224e+01 -2.83405448e+01
 -4.26790684e+01  3.97468147e+01 -3.86578592e+01  1.97314030e+01
 -2.10298341e+01 -2.59458609e+01 -4.16949892e+00  6.84857965e+01
 -5.26076936e+01]
[-4.44089210e-16 -1.68493780e+02  8.47831059e+01 -5.49112250e+01
 -8.61379327e+01  8.77460360e+01 -7.68317196e+01  4.86114521e+01
 -4.49177961e+01 -4.55939118e+01 -1.48762329e+01  1.36736946e+02
 -1.11261909e+02]
[ 0.00000000e+00  1.85704572e+02 -9.95364865e+01  6.38420672e+01
 1.01581484e+02 -9.56328390e+01  9.05114919e+01 -4.73963880e+01
 5.16492342e+01  4.65349543e+01  1.01978780e+01 -1.51557879e+02
 1.28359372e+02]
[ 0.00000000e+00 -2.29976806e+02  1.21666454e+02 -8.50505636e+01
 -1.25133420e+02  1.22574510e+02 -1.04278745e+02  6.30451207e+01
 -6.43242130e+01 -6.00146316e+01 -1.92748224e+01  1.88907660e+02
 -1.53564017e+02]]
[06-24 17:37:20][INFO]
[[-1.05472397e-01  4.85650454e+00 -2.57944728e+00  1.72135547e+00
 2.61619615e+00 -2.62362456e+00  2.28216349e+00 -1.32216867e+00
 1.32305831e+00  1.33529711e+00  3.57746841e-01 -4.09710230e+00
 3.35302496e+00]
[ 0.00000000e+00  6.09540960e+01 -3.32750087e+01  2.63384382e+01
 3.13289213e+01 -3.48282435e+01  3.20713722e+01 -1.98119968e+01
 1.28812835e+01  1.51672868e+01  1.23905316e+00 -4.86919973e+01
 4.64468165e+01]
[ 4.44089210e-16  0.00000000e+00 -1.32229837e+00 -1.15936563e+01
 7.15873578e+00  6.00887745e+00 -7.17084238e+00  9.25875126e+00
 1.11802108e+01  4.00137707e+00  4.76924600e+00 -1.21308102e+01
 -1.72357178e+01]
[ 0.00000000e+00  0.00000000e+00 -1.22120061e+00 -1.07764727e+01
 -2.62852760e+00  8.46631606e+00 -6.12436624e+00  4.75665409e+00
 1.50539227e+00  1.88981198e-01  3.82078805e+00 -2.61111205e-01
 -8.23909878e+00]
[ 0.00000000e+00  0.00000000e+00  5.97181495e+00 -9.50971541e+00

```



```

3.53505751e+00 4.42967143e+00 -2.33449395e+00 8.41062044e+00
1.14832807e+00 -3.21940556e+00 4.80053250e-01 -5.13552573e-01
-4.04708144e+00]
[ 0.00000000e+00 0.00000000e+00 -1.30755698e-01 -1.15946169e+01
3.86182478e+00 -1.44358869e+00 -8.37060958e+00 1.15940000e+01
9.42306951e+00 5.75310384e+00 1.09894563e+01 -1.27437926e+01
-3.41410481e+00]
[ 0.00000000e+00 0.00000000e+00 1.76256756e+00 -1.74551035e+01
4.38873954e+00 5.84754050e-01 -9.57321732e+00 1.04596665e+01
9.05021643e+00 3.96574813e+00 1.54901784e+01 -1.41269942e+01
-1.69009470e+01]
[ 0.00000000e+00 0.00000000e+00 -7.36894564e-01 -1.07092412e+01
8.87882906e-01 6.91947298e+00 -1.20133085e+01 1.23931528e+01
1.22741416e+01 1.29717365e+00 3.15767608e+00 -4.77117369e+00
-7.67440002e+00]
[-2.22044605e-16 0.00000000e+00 -7.52242966e+00 8.67213596e+00
1.34660070e+00 -9.19635534e+00 6.41115567e+00 -8.10984976e+00
-2.92812169e+00 -4.63169109e+00 -2.42829168e+00 6.02756003e-02
1.26627367e+01]
[-4.44089210e-16 0.00000000e+00 -7.19811250e+00 1.78954166e+01
4.63768310e-01 -8.52874779e+00 1.18223185e+01 -6.15432197e+00
-9.31040808e+00 -3.66738584e+00 -1.14511513e+01 2.13895740e+00
1.71297865e+01]
[ 0.00000000e+00 0.00000000e+00 1.84015059e+00 -1.64014065e+01
6.13385538e+00 1.04759297e+01 -7.19811025e+00 1.29634343e+01
1.24047306e+01 3.25844712e-01 6.42294160e+00 -3.21138275e+00
-1.31468889e+01]
[ 0.00000000e+00 0.00000000e+00 -3.87851705e+00 1.43230679e+01
-6.93094047e+00 -8.83073960e+00 1.67249647e+01 -1.17045688e+01
-1.57237641e+01 -2.78920477e+00 -1.45999358e+01 5.19514943e+00
2.16775375e+01]]
[06-24 17:37:20][INF0]
[[-1.05472397e-01 4.85650454e+00 -2.57944728e+00 1.72135547e+00
2.61619615e+00 -2.62362456e+00 2.28216349e+00 -1.32216867e+00
1.32305831e+00 1.33529711e+00 3.57746841e-01 -4.09710230e+00
3.35302496e+00]
[ 0.00000000e+00 6.09540960e+01 -3.32750087e+01 2.63384382e+01
3.13289213e+01 -3.48282435e+01 3.20713722e+01 -1.98119968e+01
1.28812835e+01 1.51672868e+01 1.23905316e+00 -4.86919973e+01
4.64468165e+01]
[ 0.00000000e+00 0.00000000e+00 -1.30755698e-01 -1.15946169e+01
3.86182478e+00 -1.44358869e+00 -8.37060958e+00 1.15940000e+01
9.42306951e+00 5.75310384e+00 1.09894563e+01 -1.27437926e+01
-3.41410481e+00]
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2.36471360e+01]
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4.31514487e+02 2.59533745e+02 5.02385519e+02 -5.82542270e+02
-1.59974529e+02]
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1.36071807e+02 8.15167412e+01 1.63626432e+02 -1.85911442e+02
-6.29225773e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 5.46340693e+01
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-4.08310677e+01 -3.11253596e+01 -5.87751554e+01 6.70484994e+01
1.15663315e+01]
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-5.45041229e+02 -3.35610148e+02 -6.34656281e+02 7.33215961e+02
2.09077606e+02]
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-5.28051202e+02 -3.20376251e+02 -6.16421672e+02 7.03685843e+02
2.05076552e+02]
[ 0.00000000e+00 0.00000000e+00 -2.22044605e-16 -1.79574725e+02
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-6.11942559e+01]
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-2.95233846e+02 -1.73439599e+02 -3.40572680e+02 3.83205574e+02
1.22947799e+02]]
[06-24 17:37:20][INFO]
[[ -1.05472397e-01 4.85650454e+00 -2.57944728e+00 1.72135547e+00
2.61619615e+00 -2.62362456e+00 2.28216349e+00 -1.32216867e+00
1.32305831e+00 1.33529711e+00 3.57746841e-01 -4.09710230e+00
3.35302496e+00]
[ 0.00000000e+00 6.09540960e+01 -3.32750087e+01 2.63384382e+01
3.13289213e+01 -3.48282435e+01 3.20713722e+01 -1.98119968e+01
1.28812835e+01 1.51672868e+01 1.23905316e+00 -4.86919973e+01
4.64468165e+01]
[ 0.00000000e+00 0.00000000e+00 -1.30755698e-01 -1.15946169e+01
3.86182478e+00 -1.44358869e+00 -8.37060958e+00 1.15940000e+01
9.42306951e+00 5.75310384e+00 1.09894563e+01 -1.27437926e+01
-3.41410481e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 5.46340693e+01
-2.08760459e+01 1.50550470e+01 3.51605953e+01 -5.29466812e+01
-4.08310677e+01 -3.11253596e+01 -5.87751554e+01 6.70484994e+01
1.15663315e+01]
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-4.58538883e+01]
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-5.07849822e+00]
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-2.61389984e+01]
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-1.36256987e+01  2.01078201e+00  6.08735436e+00 -9.09403758e-01
 3.00328207e+00]
[-2.22044605e-16  0.00000000e+00  0.00000000e+00  0.00000000e+00
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-4.00417633e+01  4.93489247e+01  9.22760220e+01 -9.60412268e+01
 6.60249856e+01]
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-3.76514625e+01  5.34535078e+01  8.94947415e+01 -1.01597204e+02
 6.61596376e+01]
[ 0.00000000e+00  0.00000000e+00 -2.22044605e-16  0.00000000e+00
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 1.08112931e+01 -2.10144024e+01 -3.21061935e+01  3.78219855e+01
-2.31773037e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
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-2.74965491e+01  3.06554713e+01  4.48275100e+01 -5.64445507e+01
 4.71051012e+01]]
[06-24 17:37:20][INFO]
[[-1.05472397e-01  4.85650454e+00 -2.57944728e+00  1.72135547e+00
 2.61619615e+00 -2.62362456e+00  2.28216349e+00 -1.32216867e+00
 1.32305831e+00  1.33529711e+00  3.57746841e-01 -4.09710230e+00
 3.35302496e+00]
[ 0.00000000e+00  6.09540960e+01 -3.32750087e+01  2.63384382e+01
 3.13289213e+01 -3.48282435e+01  3.20713722e+01 -1.98119968e+01
 1.28812835e+01  1.51672868e+01  1.23905316e+00 -4.86919973e+01
 4.64468165e+01]
[ 0.00000000e+00  0.00000000e+00 -1.30755698e-01 -1.15946169e+01
 3.86182478e+00 -1.44358869e+00 -8.37060958e+00  1.15940000e+01
 9.42306951e+00  5.75310384e+00  1.09894563e+01 -1.27437926e+01
-3.41410481e+00]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00  5.46340693e+01
-2.08760459e+01  1.50550470e+01  3.51605953e+01 -5.29466812e+01
-4.08310677e+01 -3.11253596e+01 -5.87751554e+01  6.70484994e+01
 1.15663315e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
-1.43622390e+00 -4.92179502e+00  9.29800202e+00 -9.02574618e+00
-1.36256987e+01  2.01078201e+00  6.08735436e+00 -9.09403758e-01
 3.00328207e+00]
[ 4.44089210e-16  0.00000000e+00  0.00000000e+00  0.00000000e+00
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-8.55833687e+01  1.78868411e+01  4.32392433e+01 -1.82931913e+01
 1.26506186e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
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 1.00569854e+02 -3.13925356e+01 -6.54434528e+01  3.36152182e+01
-4.69350109e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
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-1.00359393e+02]

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 1.44168343e+02]
[-4.44089210e-16  0.00000000e+00  0.00000000e+00  0.00000000e+00
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-4.03863845e+02  1.07496481e+02  2.53102098e+02 -1.26038881e+02
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[ 0.00000000e+00  0.00000000e+00 -2.22044605e-16  0.00000000e+00
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 8.79859834e+01 -3.24032847e+01 -6.65844025e+01  4.29727638e+01
-4.01876140e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
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-1.73662528e+02  5.22255886e+01  1.10127949e+02 -6.61999324e+01
 7.93219932e+01]]
[06-24 17:37:20][INFO]
[[-1.05472397e-01  4.85650454e+00 -2.57944728e+00  1.72135547e+00
 2.61619615e+00 -2.62362456e+00  2.28216349e+00 -1.32216867e+00
 1.32305831e+00  1.33529711e+00  3.57746841e-01 -4.09710230e+00
 3.35302496e+00]
[ 0.00000000e+00  6.09540960e+01 -3.32750087e+01  2.63384382e+01
 3.13289213e+01 -3.48282435e+01  3.20713722e+01 -1.98119968e+01
 1.28812835e+01  1.51672868e+01  1.23905316e+00 -4.86919973e+01
 4.64468165e+01]
[ 0.00000000e+00  0.00000000e+00 -1.30755698e-01 -1.15946169e+01
 3.86182478e+00 -1.44358869e+00 -8.37060958e+00  1.15940000e+01
 9.42306951e+00  5.75310384e+00  1.09894563e+01 -1.27437926e+01
-3.41410481e+00]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00  5.46340693e+01
-2.08760459e+01  1.50550470e+01  3.51605953e+01 -5.29466812e+01
-4.08310677e+01 -3.11253596e+01 -5.87751554e+01  6.70484994e+01
 1.15663315e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
-1.43622390e+00 -4.92179502e+00  9.29800202e+00 -9.02574618e+00
-1.36256987e+01  2.01078201e+00  6.08735436e+00 -9.09403758e-01
 3.00328207e+00]
[ 4.44089210e-16  0.00000000e+00  0.00000000e+00  0.00000000e+00
 0.00000000e+00 -3.75628030e+01  6.43684435e+01 -5.88732067e+01
-8.55833687e+01  1.78868411e+01  4.32392433e+01 -1.82931913e+01
 1.26506186e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
 0.00000000e+00  0.00000000e+00  3.31305644e+01 -3.80133984e+01
-4.31623418e+01 -1.35264614e+00  7.17429359e+00  2.89288747e+00
-2.56890468e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
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-1.25893956e+02 -7.90103617e-02  1.50131441e+01  9.61416516e+00
-4.09621172e+01]
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 1.53176426e+02 -1.28110312e+01 -2.60744201e+01 -2.62343972e+00
 6.32020126e+01]
[-4.44089210e-16  0.00000000e+00  0.00000000e+00  0.00000000e+00
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6.53222124e+01]
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-1.74476700e+01]
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9.41110835e+01 -3.73883650e+00 -2.51591808e+01 -8.96411675e+00
3.97406836e+01]]
[06-24 17:37:20][INFO]
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2.61619615e+00 -2.62362456e+00 2.28216349e+00 -1.32216867e+00
1.32305831e+00 1.33529711e+00 3.57746841e-01 -4.09710230e+00
3.35302496e+00]
[ 0.00000000e+00 6.09540960e+01 -3.32750087e+01 2.63384382e+01
3.13289213e+01 -3.48282435e+01 3.20713722e+01 -1.98119968e+01
1.28812835e+01 1.51672868e+01 1.23905316e+00 -4.86919973e+01
4.64468165e+01]
[ 0.00000000e+00 0.00000000e+00 -1.30755698e-01 -1.15946169e+01
3.86182478e+00 -1.44358869e+00 -8.37060958e+00 1.15940000e+01
9.42306951e+00 5.75310384e+00 1.09894563e+01 -1.27437926e+01
-3.41410481e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 5.46340693e+01
-2.08760459e+01 1.50550470e+01 3.51605953e+01 -5.29466812e+01
-4.08310677e+01 -3.11253596e+01 -5.87751554e+01 6.70484994e+01
1.15663315e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
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-1.36256987e+01 2.01078201e+00 6.08735436e+00 -9.09403758e-01
3.00328207e+00]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 -3.75628030e+01 6.43684435e+01 -5.88732067e+01
-8.55833687e+01 1.78868411e+01 4.32392433e+01 -1.82931913e+01
1.26506186e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 3.31305644e+01 -3.80133984e+01
-4.31623418e+01 -1.35264614e+00 7.17429359e+00 2.89288747e+00
-2.56890468e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 1.27782255e+01
-1.13800671e+00 3.83066289e+00 -5.72335366e+00 1.25259567e+00
3.32892157e+01]
[-2.22044605e-16 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 2.84217094e-14 0.00000000e+00 -1.24835010e+01
8.35941008e-01 -1.75851644e+01 -7.52917116e-01 7.58693956e+00
-2.74668827e+01]
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6.57271733e+00 -6.48216386e+00 -1.06088596e+01 -3.09699668e+00
-1.23597606e+01]]
[06-24 17:37:20][INFO]
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2.61619615e+00 -2.62362456e+00 2.28216349e+00 -1.32216867e+00
1.32305831e+00 1.33529711e+00 3.57746841e-01 -4.09710230e+00
3.35302496e+00]
[ 0.00000000e+00 6.09540960e+01 -3.32750087e+01 2.63384382e+01
3.13289213e+01 -3.48282435e+01 3.20713722e+01 -1.98119968e+01
1.28812835e+01 1.51672868e+01 1.23905316e+00 -4.86919973e+01
4.64468165e+01]
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3.86182478e+00 -1.44358869e+00 -8.37060958e+00 1.15940000e+01
9.42306951e+00 5.75310384e+00 1.09894563e+01 -1.27437926e+01
-3.41410481e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 5.46340693e+01
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-4.08310677e+01 -3.11253596e+01 -5.87751554e+01 6.70484994e+01
1.15663315e+01]
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-1.36256987e+01 2.01078201e+00 6.08735436e+00 -9.09403758e-01
3.00328207e+00]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 0.00000000e+00
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-8.55833687e+01 1.78868411e+01 4.32392433e+01 -1.82931913e+01
1.26506186e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
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-2.56890468e+01]
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-1.23597606e+01]
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4.49949307e+01 -6.11357680e+01 -7.20288440e+01 -1.32203214e+01
-1.10506289e+02]
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-4.48004706e+01]
[ 0.00000000e+00 0.00000000e+00 -2.22044605e-16 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
-2.75115256e+01 3.30053230e+01 5.03765109e+01 2.02521765e+01
8.33587313e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
-4.63395514e+01 4.84094580e+01 6.72353352e+01 2.25510978e+01

```

```

1.18289109e+02]]
[06-24 17:37:20][INFO]
[[-1.05472397e-01  4.85650454e+00 -2.57944728e+00  1.72135547e+00
 2.61619615e+00 -2.62362456e+00  2.28216349e+00 -1.32216867e+00
 1.32305831e+00  1.33529711e+00  3.57746841e-01 -4.09710230e+00
 3.35302496e+00]
[ 0.00000000e+00  6.09540960e+01 -3.32750087e+01  2.63384382e+01
 3.13289213e+01 -3.48282435e+01  3.20713722e+01 -1.98119968e+01
 1.28812835e+01  1.51672868e+01  1.23905316e+00 -4.86919973e+01
 4.64468165e+01]
[ 0.00000000e+00  0.00000000e+00 -1.30755698e-01 -1.15946169e+01
 3.86182478e+00 -1.44358869e+00 -8.37060958e+00  1.15940000e+01
 9.42306951e+00  5.75310384e+00  1.09894563e+01 -1.27437926e+01
 -3.41410481e+00]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00  5.46340693e+01
 -2.08760459e+01  1.50550470e+01  3.51605953e+01 -5.29466812e+01
 -4.08310677e+01 -3.11253596e+01 -5.87751554e+01  6.70484994e+01
 1.15663315e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
 -1.43622390e+00 -4.92179502e+00  9.29800202e+00 -9.02574618e+00
 -1.36256987e+01  2.01078201e+00  6.08735436e+00 -9.09403758e-01
 3.00328207e+00]
[ 4.44089210e-16  0.00000000e+00  0.00000000e+00  0.00000000e+00
 0.00000000e+00 -3.75628030e+01  6.43684435e+01 -5.88732067e+01
 -8.55833687e+01  1.78868411e+01  4.32392433e+01 -1.82931913e+01
 1.26506186e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
 0.00000000e+00  0.00000000e+00  3.31305644e+01 -3.80133984e+01
 -4.31623418e+01 -1.35264614e+00  7.17429359e+00  2.89288747e+00
 -2.56890468e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
 -1.77635684e-15  0.00000000e+00  0.00000000e+00  1.85807066e+00
 6.57271733e+00 -6.48216386e+00 -1.06088596e+01 -3.09699668e+00
 -1.23597606e+01]
[ -4.44089210e-16  0.00000000e+00  0.00000000e+00  0.00000000e+00
 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
 9.64051577e+00 -2.35953898e+01 -1.89632909e+01 -3.38949251e+00
 -4.48004706e+01]
[ -2.22044605e-16  0.00000000e+00  0.00000000e+00  0.00000000e+00
 0.00000000e+00  2.84217094e-14  0.00000000e+00  0.00000000e+00
 0.00000000e+00  4.89903863e+01  1.64780346e+01  2.59936963e+00
 9.85897928e+01]
[ 0.00000000e+00  0.00000000e+00 -2.22044605e-16  0.00000000e+00
 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
 0.00000000e+00 -3.43297849e+01 -3.73979096e+00  1.05794461e+01
 -4.44901641e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
 0.00000000e+00 -6.50076871e+01 -2.39164674e+01  6.25865386e+00
 -9.70555632e+01]]
[06-24 17:37:20][INFO]
[[-1.05472397e-01  4.85650454e+00 -2.57944728e+00  1.72135547e+00
 2.61619615e+00 -2.62362456e+00  2.28216349e+00 -1.32216867e+00
 1.32305831e+00  1.33529711e+00  3.57746841e-01 -4.09710230e+00

```

```

3.35302496e+00]
[ 0.00000000e+00  6.09540960e+01 -3.32750087e+01  2.63384382e+01
 3.13289213e+01 -3.48282435e+01  3.20713722e+01 -1.98119968e+01
 1.28812835e+01  1.51672868e+01  1.23905316e+00 -4.86919973e+01
 4.64468165e+01]
[ 0.00000000e+00  0.00000000e+00 -1.30755698e-01 -1.15946169e+01
 3.86182478e+00 -1.44358869e+00 -8.37060958e+00  1.15940000e+01
 9.42306951e+00  5.75310384e+00  1.09894563e+01 -1.27437926e+01
 -3.41410481e+00]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00  5.46340693e+01
 -2.08760459e+01  1.50550470e+01  3.51605953e+01 -5.29466812e+01
 -4.08310677e+01 -3.11253596e+01 -5.87751554e+01  6.70484994e+01
 1.15663315e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
 -1.43622390e+00 -4.92179502e+00  9.29800202e+00 -9.02574618e+00
 -1.36256987e+01  2.01078201e+00  6.08735436e+00 -9.09403758e-01
 3.00328207e+00]
[ 4.44089210e-16  0.00000000e+00  0.00000000e+00  0.00000000e+00
 0.00000000e+00 -3.75628030e+01  6.43684435e+01 -5.88732067e+01
 -8.55833687e+01  1.78868411e+01  4.32392433e+01 -1.82931913e+01
 1.26506186e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
 0.00000000e+00  0.00000000e+00  3.31305644e+01 -3.80133984e+01
 -4.31623418e+01 -1.35264614e+00  7.17429359e+00  2.89288747e+00
 -2.56890468e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
 -1.77635684e-15  0.00000000e+00  0.00000000e+00  1.85807066e+00
 6.57271733e+00 -6.48216386e+00 -1.06088596e+01 -3.09699668e+00
 -1.23597606e+01]
[ -4.44089210e-16  0.00000000e+00  0.00000000e+00  0.00000000e+00
 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
 9.64051577e+00 -2.35953898e+01 -1.89632909e+01 -3.38949251e+00
 -4.48004706e+01]
[ 0.00000000e+00  0.00000000e+00 -2.22044605e-16  0.00000000e+00
 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
 0.00000000e+00 -3.43297849e+01 -3.73979096e+00  1.05794461e+01
 -4.44901641e+01]
[ -2.22044605e-16  0.00000000e+00  0.00000000e+00  0.00000000e+00
 0.00000000e+00  2.84217094e-14  0.00000000e+00  0.00000000e+00
 0.00000000e+00  0.00000000e+00  1.11411586e+01  1.76967888e+01
 3.51000176e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
 0.00000000e+00  0.00000000e+00 -1.68347114e+01 -1.37748339e+01
 -1.28079434e+01]]
[06-24 17:37:20][INFO]
[[-1.05472397e-01  4.85650454e+00 -2.57944728e+00  1.72135547e+00
 2.61619615e+00 -2.62362456e+00  2.28216349e+00 -1.32216867e+00
 1.32305831e+00  1.33529711e+00  3.57746841e-01 -4.09710230e+00
 3.35302496e+00]
[ 0.00000000e+00  6.09540960e+01 -3.32750087e+01  2.63384382e+01
 3.13289213e+01 -3.48282435e+01  3.20713722e+01 -1.98119968e+01
 1.28812835e+01  1.51672868e+01  1.23905316e+00 -4.86919973e+01
 4.64468165e+01]

```



```

[ 0.00000000e+00 0.00000000e+00 -1.30755698e-01 -1.15946169e+01
 3.86182478e+00 -1.44358869e+00 -8.37060958e+00 1.15940000e+01
 9.42306951e+00 5.75310384e+00 1.09894563e+01 -1.27437926e+01
-3.41410481e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 5.46340693e+01
-2.08760459e+01 1.50550470e+01 3.51605953e+01 -5.29466812e+01
-4.08310677e+01 -3.11253596e+01 -5.87751554e+01 6.70484994e+01
1.15663315e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
-1.43622390e+00 -4.92179502e+00 9.29800202e+00 -9.02574618e+00
-1.36256987e+01 2.01078201e+00 6.08735436e+00 -9.09403758e-01
3.00328207e+00]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 -3.75628030e+01 6.43684435e+01 -5.88732067e+01
-8.55833687e+01 1.78868411e+01 4.32392433e+01 -1.82931913e+01
1.26506186e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 3.31305644e+01 -3.80133984e+01
-4.31623418e+01 -1.35264614e+00 7.17429359e+00 2.89288747e+00
-2.56890468e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
-1.77635684e-15 0.00000000e+00 0.00000000e+00 1.85807066e+00
6.57271733e+00 -6.48216386e+00 -1.06088596e+01 -3.09699668e+00
-1.23597606e+01]
[ -4.44089210e-16 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
9.64051577e+00 -2.35953898e+01 -1.89632909e+01 -3.38949251e+00
-4.48004706e+01]
[ 0.00000000e+00 0.00000000e+00 -2.22044605e-16 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 -3.43297849e+01 -3.73979096e+00 1.05794461e+01
-4.44901641e+01]
[ -2.22044605e-16 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 2.84217094e-14 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 1.11411586e+01 1.76967888e+01
3.51000176e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 1.29656824e+01
4.02295088e+01]]

```

n = 12: 0.025469 segundos

[06-24 17:37:20][INFO]

```

[[ -4.17471095e-01 4.56167893e-01 4.41464809e+00 -1.13897362e+00
 4.61190564e+00 4.05350642e+00 -3.04208865e+00 -4.30638699e+00
-3.99221999e+00 -4.81778174e+00 -4.05557039e+00 1.83006773e+00
-4.28811352e+00 -1.81024370e+00 3.44875311e+00 -4.76728064e+00
3.14468483e+00 -2.18145225e+00]
[ 0.00000000e+00 -7.15232617e+00 -2.17280287e+01 2.75222739e+00
-1.98140293e+01 -1.67469936e+01 2.01236399e+01 2.13158244e+01
1.61190106e+01 2.95829231e+01 2.05789595e+01 -4.94373215e+00
2.71544772e+01 1.30362724e+01 -2.01660343e+01 2.38855170e+01
-1.30023952e+01 9.62473468e+00]
[ 0.00000000e+00 -3.04341818e+00 -3.05887334e+01 1.09774263e+01
-3.58113357e+01 -3.61193975e+01 2.52339520e+01 3.89937285e+01

```

2.80068047e+01	3.83251423e+01	3.58812334e+01	-1.20807579e+01
3.59186783e+01	1.63563402e+01	-2.87084858e+01	3.56779526e+01
-2.18025108e+01	2.03714504e+01]		
[0.00000000e+00	8.14338037e+00	3.89303655e+01	-9.99955887e+00
4.35343316e+01	3.71411488e+01	-2.47286869e+01	-3.49071010e+01
-3.12025792e+01	-4.39816475e+01	-3.69038280e+01	1.20311659e+01
-3.69215520e+01	-2.05576158e+01	2.99800389e+01	-4.14911087e+01
2.55158718e+01	-1.82726537e+01]		
[0.00000000e+00	-9.75671070e+00	-4.64223700e+01	1.14111245e+01
-5.55961845e+01	-4.53644421e+01	3.69121212e+01	4.55890511e+01
4.61265350e+01	5.00356049e+01	4.11269039e+01	-2.02679108e+01
4.86316834e+01	2.17328094e+01	-3.65247353e+01	5.83727014e+01
-3.52030077e+01	2.27627911e+01]		
[0.00000000e+00	9.33802459e-01	3.06048854e+01	-1.22689109e+01
2.78634508e+01	3.32880885e+01	-1.81502526e+01	-2.84899347e+01
-2.91387297e+01	-3.73327125e+01	-3.21118279e+01	1.04425040e+01
-2.98282017e+01	-1.06539437e+01	2.59874778e+01	-3.59092327e+01
2.67841455e+01	-1.30456817e+01]		
[0.00000000e+00	1.71113058e+00	4.94380010e+00	-4.00561510e+00
4.56435236e+00	7.85606004e+00	-8.81681469e+00	-9.44611889e+00
-9.73777859e+00	-1.08653849e+01	-1.72568036e+00	4.41929680e+00
-5.84131524e+00	-6.37856602e+00	4.40637879e+00	-6.47220357e+00
8.26346814e-01	-3.50169859e+00]		
[0.00000000e+00	4.94689536e-02	-9.38192345e+00	-1.77789561e+00
-1.24663049e+01	-8.59625584e+00	7.42726614e+00	1.40345548e+01
1.12927922e+01	8.34229981e+00	5.56556038e+00	-3.02505443e+00
5.69034315e+00	5.25880698e+00	-3.98228078e+00	1.23449194e+01
-8.76363536e+00	6.73641286e+00]		
[0.00000000e+00	5.12726286e+00	1.73994182e+01	-3.39930259e+00
1.24670612e+01	1.32060182e+01	-1.32516425e+01	-1.79953559e+01
-9.57908752e+00	-1.83372518e+01	-1.06157925e+01	7.87084256e+00
-1.24216422e+01	-6.46203067e+00	1.31303001e+01	-1.71620425e+01
8.22382837e+00	-5.59439202e+00]		
[0.00000000e+00	-2.20491592e+00	-3.90886464e+01	1.41922124e+01
-3.98315581e+01	-3.40401245e+01	2.56444624e+01	3.61622726e+01
3.90205320e+01	4.71336382e+01	4.19988631e+01	-1.76123289e+01
3.79409217e+01	1.93213170e+01	-3.31355913e+01	4.79109615e+01
-2.51783733e+01	1.92423443e+01]		
[0.00000000e+00	5.28668024e+00	2.25602006e+01	-2.81890956e+00
2.77668662e+01	2.76233266e+01	-2.00803392e+01	-2.19231558e+01
-2.50984463e+01	-3.38431381e+01	-2.03173352e+01	6.91029993e+00
-2.75754409e+01	-6.37768483e+00	2.52306770e+01	-2.79136593e+01
2.02157389e+01	-1.36245543e+01]		
[0.00000000e+00	-3.97292671e+00	-2.01422377e+01	8.16551257e+00
-1.99287231e+01	-1.71823695e+01	1.09806771e+01	2.12753671e+01
1.53505636e+01	2.43595846e+01	1.95040796e+01	-5.18797606e+00
1.97497988e+01	5.13749210e+00	-2.06530622e+01	2.62292510e+01
-1.43946331e+01	6.81678511e+00]		
[0.00000000e+00	-2.53474600e+00	-4.82519919e+01	1.45652874e+01
-4.38823195e+01	-4.45683674e+01	2.61542829e+01	4.77674987e+01
3.85140152e+01	4.67021429e+01	4.35304126e+01	-1.37590211e+01
4.75790694e+01	2.05677977e+01	-3.55945839e+01	4.33276263e+01
-2.85565205e+01	2.23161134e+01]		
[0.00000000e+00	3.23552278e+00	-1.19013503e+01	1.99367879e+00

```

-1.32578442e+01 -7.67118615e+00 1.08493280e+00 4.00499229e+00
3.42180990e+00 1.02371832e+01 9.82198781e+00 -2.48819158e+00
1.24053692e+01 2.03460108e+00 -8.40294323e+00 1.23394035e+01
-8.47217088e+00 8.59192633e+00]
[ 0.00000000e+00 -6.31867390e-01 -5.61567944e+01 1.72211714e+01
-5.36164813e+01 -4.24385409e+01 3.12869978e+01 5.08618263e+01
5.13450374e+01 5.65302838e+01 4.86862943e+01 -1.94281938e+01
4.96551551e+01 2.24296031e+01 -3.94580608e+01 5.97207431e+01
-4.12934797e+01 2.33014979e+01]
[ 0.00000000e+00 8.82425421e+00 4.71864087e+01 -1.10871128e+01
4.75318738e+01 4.06146787e+01 -3.31842503e+01 -4.79282850e+01
-4.22356839e+01 -5.62019224e+01 -3.90117874e+01 2.46067924e+01
-4.42830368e+01 -1.91698388e+01 3.53040320e+01 -4.82964599e+01
3.57754609e+01 -2.69096193e+01]
[ 0.00000000e+00 7.71554648e+00 4.79524785e+01 -8.95400562e+00
4.65302865e+01 3.90821025e+01 -2.56167506e+01 -3.87281996e+01
-4.38442278e+01 -5.21589545e+01 -4.11553546e+01 2.11193453e+01
-3.73362068e+01 -2.13145101e+01 3.48882420e+01 -4.81166208e+01
3.56530590e+01 -1.80513880e+01]]
[06-24 17:37:20][INFO]
[[-4.17471095e-01 4.56167893e-01 4.41464809e+00 -1.13897362e+00
4.61190564e+00 4.05350642e+00 -3.04208865e+00 -4.30638699e+00
-3.99221999e+00 -4.81778174e+00 -4.05557039e+00 1.83006773e+00
-4.28811352e+00 -1.81024370e+00 3.44875311e+00 -4.76728064e+00
3.14468483e+00 -2.18145225e+00]
[ 0.00000000e+00 4.94689536e-02 -9.38192345e+00 -1.77789561e+00
-1.24663049e+01 -8.59625584e+00 7.42726614e+00 1.40345548e+01
1.12927922e+01 8.34229981e+00 5.56556038e+00 -3.02505443e+00
5.69034315e+00 5.25880698e+00 -3.98228078e+00 1.23449194e+01
-8.76363536e+00 6.73641286e+00]
[ 0.00000000e+00 0.00000000e+00 -6.07781383e+02 -9.84018799e+01
-8.02760630e+02 -5.64976376e+02 4.82172601e+02 9.02424550e+02
7.22759504e+02 5.51558293e+02 3.78284426e+02 -1.98187497e+02
3.85998729e+02 3.39887517e+02 -2.73705496e+02 7.95159394e+02
-5.60956975e+02 4.34807574e+02]
[ 0.00000000e+00 0.00000000e+00 1.58334491e+03 2.82670473e+02
2.09568736e+03 1.45222224e+03 -1.24737540e+03 -2.34521912e+03
-1.89017665e+03 -1.41725752e+03 -9.53084016e+02 5.10003472e+02
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-2.42307522e+02 -1.94806431e+02 -1.37170326e+02 6.75450515e+01
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-4.00355341e+02 -2.99425447e+02 -1.94238355e+02 1.09055898e+02
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1.64885484e+03 1.23573031e+03 8.25259477e+02 -4.42312514e+02
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1.65383271e+02	-6.23362714e+01	-1.52097607e+02	8.94112129e+00
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1.00837651e+02 -1.59440902e+02]
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1.25659197e+02 -7.21276972e+01 -1.19606670e+02 -1.06708802e+02
8.67117184e+01 -1.29771513e+02]]
[06-24 17:37:20][INFO]
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4.61190564e+00 4.05350642e+00 -3.04208865e+00 -4.30638699e+00
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-4.28811352e+00 -1.81024370e+00 3.44875311e+00 -4.76728064e+00
3.14468483e+00 -2.18145225e+00]
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1.12927922e+01 8.34229981e+00 5.56556038e+00 -3.02505443e+00
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1.95587974e+02 1.63086554e+02 1.19775247e+02 -5.80672414e+01
1.22337959e+02 8.96003920e+01 -9.03237691e+01 2.17402510e+02
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2.91963864e+01 -2.65037990e+00]
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1.90582057e+01 -9.75539876e+00 -3.83841207e+01 7.79055659e+01
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-3.99221999e+00 -4.81778174e+00 -4.05557039e+00 1.83006773e+00
-4.28811352e+00 -1.81024370e+00 3.44875311e+00 -4.76728064e+00
3.14468483e+00 -2.18145225e+00]
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1.12927922e+01 8.34229981e+00 5.56556038e+00 -3.02505443e+00
5.69034315e+00 5.25880698e+00 -3.98228078e+00 1.23449194e+01
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1.95587974e+02 1.63086554e+02 1.19775247e+02 -5.80672414e+01
1.22337959e+02 8.96003920e+01 -9.03237691e+01 2.17402510e+02
-1.53231473e+02 1.09345760e+02]
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1.19835415e+01 1.58861219e+01 -9.46460961e+00 -2.18235721e+01
-1.14777995e+01 -2.33435097e+00 4.18645874e+00 -9.84955644e-01
7.13908966e+00 -4.17708529e+00 -5.43949038e+00 -1.23636611e+01
1.13699449e+01 -1.11577434e+01]
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2.37543898e+00 1.33192091e+01 1.66425552e+01 3.49096117e+00
3.59750768e+00 -7.23183507e+00 -9.59944824e+00 1.29090650e+01
-1.91335545e+01 3.74765991e+00]
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1.30469657e+01 -3.73612774e+01 -1.98068504e+01 8.40946473e+00
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-3.99221999e+00 -4.81778174e+00 -4.05557039e+00 1.83006773e+00
-4.28811352e+00 -1.81024370e+00 3.44875311e+00 -4.76728064e+00
3.14468483e+00 -2.18145225e+00]
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5.69034315e+00 5.25880698e+00 -3.98228078e+00 1.23449194e+01
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1.95587974e+02 1.63086554e+02 1.19775247e+02 -5.80672414e+01
1.22337959e+02 8.96003920e+01 -9.03237691e+01 2.17402510e+02

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-9.78237482e+01 -5.65802712e+01]
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1.15265197e+02 -3.28821778e+02 -1.47105902e+02 9.99332651e+00
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1.88742437e+02 -5.55694428e+02 -2.42658675e+02 2.98161570e+01
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2.49300792e+02 -7.24020460e+02 -3.13863192e+02 3.67779836e+01
-5.02600917e+02 -2.86145435e+02]]
[06-24 17:37:20][INFO]
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4.61190564e+00 4.05350642e+00 -3.04208865e+00 -4.30638699e+00
-3.99221999e+00 -4.81778174e+00 -4.05557039e+00 1.83006773e+00
-4.28811352e+00 -1.81024370e+00 3.44875311e+00 -4.76728064e+00
3.14468483e+00 -2.18145225e+00]
[ 0.00000000e+00 4.94689536e-02 -9.38192345e+00 -1.77789561e+00
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5.69034315e+00 5.25880698e+00 -3.98228078e+00 1.23449194e+01
-8.76363536e+00 6.73641286e+00]
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1.95587974e+02 1.63086554e+02 1.19775247e+02 -5.80672414e+01
1.22337959e+02 8.96003920e+01 -9.03237691e+01 2.17402510e+02
-1.53231473e+02 1.09345760e+02]
[ 0.00000000e+00 -1.11022302e-16 0.00000000e+00 1.48148629e+01
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1.13699449e+01 -1.11577434e+01]
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2.37543898e+00 1.33192091e+01 1.66425552e+01 3.49096117e+00
3.59750768e+00 -7.23183507e+00 -9.59944824e+00 1.29090650e+01
-1.91335545e+01 3.74765991e+00]
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-3.37421531e+01 -1.13325251e+01]
[ 0.00000000e+00 0.00000000e+00 1.13686838e-13 0.00000000e+00
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6.44358274e+01 3.70294587e+01]
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 9.25112385e+00  1.00896756e+00]
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 7.16433288e+00  5.38439366e+00]
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3.14468483e+00 -2.18145225e+00]
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5.69034315e+00 5.25880698e+00 -3.98228078e+00 1.23449194e+01
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5.13968430e+02 1.29168178e+02]
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-1.12163628e+02 1.86179741e+02 1.50702127e+02 -2.11521031e+02
1.45557303e+02 2.91194843e+01]
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-5.24424312e+02 8.47123412e+02 7.14316049e+02 -1.00687928e+03
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-3.99221999e+00 -4.81778174e+00 -4.05557039e+00 1.83006773e+00
-4.28811352e+00 -1.81024370e+00 3.44875311e+00 -4.76728064e+00
3.14468483e+00 -2.18145225e+00]
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5.69034315e+00 5.25880698e+00 -3.98228078e+00 1.23449194e+01
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1.95587974e+02 1.63086554e+02 1.19775247e+02 -5.80672414e+01
1.22337959e+02 8.96003920e+01 -9.03237691e+01 2.17402510e+02
-1.53231473e+02 1.09345760e+02]
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1.13699449e+01	-1.11577434e+01]		
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3.59750768e+00	-7.23183507e+00	-9.59944824e+00	1.29090650e+01
-1.91335545e+01	3.74765991e+00]		
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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-3.37421531e+01	-1.13325251e+01]		
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6.44358274e+01	3.70294587e+01]		
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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-5.43305396e+00	-1.23516505e+00]		
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 3.14468483e+00 -2.18145225e+00]
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 1.22337959e+02 8.96003920e+01 -9.03237691e+01 2.17402510e+02
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 -3.37421531e+01 -1.13325251e+01]
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[06-24 17:37:20][INF0]
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4.61190564e+00 4.05350642e+00 -3.04208865e+00 -4.30638699e+00
-3.99221999e+00 -4.81778174e+00 -4.05557039e+00 1.83006773e+00
-4.28811352e+00 -1.81024370e+00 3.44875311e+00 -4.76728064e+00
3.14468483e+00 -2.18145225e+00]
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5.69034315e+00	5.25880698e+00	-3.98228078e+00	1.23449194e+01
-8.76363536e+00	6.73641286e+00]		
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-1.53231473e+02	1.09345760e+02]		
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1.13699449e+01	-1.11577434e+01]		
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2.37543898e+00	1.33192091e+01	1.66425552e+01	3.49096117e+00
3.59750768e+00	-7.23183507e+00	-9.59944824e+00	1.29090650e+01
-1.91335545e+01	3.74765991e+00]		
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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-3.37421531e+01	-1.13325251e+01]		
[0.00000000e+00	0.00000000e+00	1.13686838e-13	0.00000000e+00
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9.91595620e+01	5.56329560e+01	-1.03048880e+02	-3.39254783e+01
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6.44358274e+01	3.70294587e+01]		
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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2.17370651e+00	2.74780528e+00	-1.58669396e+00	2.15976463e+00
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-1.77635684e-15	0.00000000e+00	0.00000000e+00	0.00000000e+00
1.30150375e-01	-8.87137102e+00	1.92791864e+01	-1.08719226e+00
2.59884834e+01	-4.71953130e+01	-3.00190016e+01	4.60932290e+01
-3.90072652e+01	-1.16386588e+01]		
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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1.08483507e+02	-1.92784923e+02	-1.28806152e+02	1.94478547e+02
-1.57906545e+02	-4.59223491e+01]		
[0.00000000e+00	0.00000000e+00	-1.13686838e-13	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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-6.48064456e+01	-1.64148080e+01]		
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0.00000000e+00	0.00000000e+00	0.00000000e+00	1.61297701e+01
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4.37096829e-01	8.53675710e-01]		

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-2.18489953e+02 -6.51656192e+01]
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 1.27934380e+02 3.85078309e+01]
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 0.00000000e+00 1.66733117e+02 5.46789220e+01 -1.49623713e+02
 2.14919893e+02 5.69870718e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
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 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
-1.77635684e-15 6.89189716e+01 2.37209971e+01 -5.63031845e+01
 9.56917250e+01 2.70945960e+01]]
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-3.99221999e+00 -4.81778174e+00 -4.05557039e+00 1.83006773e+00
-4.28811352e+00 -1.81024370e+00 3.44875311e+00 -4.76728064e+00
 3.14468483e+00 -2.18145225e+00]
[ 0.00000000e+00 4.94689536e-02 -9.38192345e+00 -1.77789561e+00
-1.24663049e+01 -8.59625584e+00 7.42726614e+00 1.40345548e+01
 1.12927922e+01 8.34229981e+00 5.56556038e+00 -3.02505443e+00
 5.69034315e+00 5.25880698e+00 -3.98228078e+00 1.23449194e+01
-8.76363536e+00 6.73641286e+00]
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 1.95587974e+02 1.63086554e+02 1.19775247e+02 -5.80672414e+01
 1.22337959e+02 8.96003920e+01 -9.03237691e+01 2.17402510e+02
-1.53231473e+02 1.09345760e+02]
[ 0.00000000e+00 -1.11022302e-16 0.00000000e+00 1.48148629e+01
 1.19835415e+01 1.58861219e+01 -9.46460961e+00 -2.18235721e+01
-1.14777995e+01 -2.33435097e+00 4.18645874e+00 -9.84955644e-01
 7.13908966e+00 -4.17708529e+00 -5.43949038e+00 -1.23636611e+01
 1.13699449e+01 -1.11577434e+01]
[ 0.00000000e+00 -2.22044605e-16 0.00000000e+00 0.00000000e+00
-8.81765736e-01 -3.04288281e+01 6.08122923e-01 5.45909030e+00
 2.37543898e+00 1.33192091e+01 1.66425552e+01 3.49096117e+00
 3.59750768e+00 -7.23183507e+00 -9.59944824e+00 1.29090650e+01
-1.91335545e+01 3.74765991e+00]
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1.30469657e+01	-3.73612774e+01	-1.98068504e+01	8.40946473e+00
-3.37421531e+01	-1.13325251e+01]		
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6.44358274e+01	3.70294587e+01]		
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-1.27232045e+00	-8.86730068e+00	-7.54334446e+00	1.33362645e+01
-5.43305396e+00	-1.23516505e+00]		
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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2.59884834e+01	-4.71953130e+01	-3.00190016e+01	4.60932290e+01
-3.90072652e+01	-1.16386588e+01]		
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	1.77635684e-15
0.00000000e+00	-3.06911091e+01	8.81127340e+01	-5.20007139e+00
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-1.57906545e+02	-4.59223491e+01]		
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-6.48064456e+01	-1.64148080e+01]		
[0.00000000e+00	0.00000000e+00	0.00000000e+00	-7.10542736e-15
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2.19478006e+01	6.35977475e+00	-1.42696938e-01	-1.55735175e+01
4.37096829e-01	8.53675710e-01]		
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-6.09918775e+00	-6.98643120e+01	-2.35914652e+01	6.94690298e+01
-8.87437813e+01	-2.68851271e+01]		
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-1.77635684e-15	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-1.77635684e-15	6.89189716e+01	2.37209971e+01	-5.63031845e+01
9.56917250e+01	2.70945960e+01]		
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	2.84217094e-14
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-1.65835545e+01	-8.56188134e+00]		
[0.00000000e+00	4.44089210e-16	0.00000000e+00	0.00000000e+00
0.00000000e+00	2.84217094e-14	0.00000000e+00	0.00000000e+00

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4.61190564e+00 4.05350642e+00 -3.04208865e+00 -4.30638699e+00
-3.99221999e+00 -4.81778174e+00 -4.05557039e+00 1.83006773e+00
-4.28811352e+00 -1.81024370e+00 3.44875311e+00 -4.76728064e+00
3.14468483e+00 -2.18145225e+00]
[0.00000000e+00 4.94689536e-02 -9.38192345e+00 -1.77789561e+00
-1.24663049e+01 -8.59625584e+00 7.42726614e+00 1.40345548e+01
1.12927922e+01 8.34229981e+00 5.56556038e+00 -3.02505443e+00
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1.95587974e+02 1.63086554e+02 1.19775247e+02 -5.80672414e+01
1.22337959e+02 8.96003920e+01 -9.03237691e+01 2.17402510e+02
-1.53231473e+02 1.09345760e+02]
[0.00000000e+00 -1.11022302e-16 0.00000000e+00 1.48148629e+01
1.19835415e+01 1.58861219e+01 -9.46460961e+00 -2.18235721e+01
-1.14777995e+01 -2.33435097e+00 4.18645874e+00 -9.84955644e-01
7.13908966e+00 -4.17708529e+00 -5.43949038e+00 -1.23636611e+01
1.13699449e+01 -1.11577434e+01]
[0.00000000e+00 -2.22044605e-16 0.00000000e+00 0.00000000e+00
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2.37543898e+00 1.33192091e+01 1.66425552e+01 3.49096117e+00
3.59750768e+00 -7.23183507e+00 -9.59944824e+00 1.29090650e+01
-1.91335545e+01 3.74765991e+00]
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1.30469657e+01 -3.73612774e+01 -1.98068504e+01 8.40946473e+00
-3.37421531e+01 -1.13325251e+01]
[0.00000000e+00 0.00000000e+00 1.13686838e-13 0.00000000e+00
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6.44358274e+01 3.70294587e+01]
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-5.43305396e+00 -1.23516505e+00]
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1.08483507e+02 -1.92784923e+02 -1.28806152e+02 1.94478547e+02
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 4.37096829e-01 8.53675710e-01]
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 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 -6.09918775e+00 -6.98643120e+01 -2.35914652e+01 6.94690298e+01
 -8.87437813e+01 -2.68851271e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
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 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 -1.77635684e-15 6.89189716e+01 2.37209971e+01 -5.63031845e+01
 9.56917250e+01 2.70945960e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 2.84217094e-14
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
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[ 0.00000000e+00 4.44089210e-16 0.00000000e+00 0.00000000e+00
 0.00000000e+00 2.84217094e-14 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 6.91391585e+01
 7.67945360e+01 2.80328875e+01]]
[06-24 17:37:20][INFO]
[[ -4.17471095e-01 4.56167893e-01 4.41464809e+00 -1.13897362e+00
 4.61190564e+00 4.05350642e+00 -3.04208865e+00 -4.30638699e+00
 -3.99221999e+00 -4.81778174e+00 -4.05557039e+00 1.83006773e+00
 -4.28811352e+00 -1.81024370e+00 3.44875311e+00 -4.76728064e+00
 3.14468483e+00 -2.18145225e+00]
[ 0.00000000e+00 4.94689536e-02 -9.38192345e+00 -1.77789561e+00
 -1.24663049e+01 -8.59625584e+00 7.42726614e+00 1.40345548e+01
 1.12927922e+01 8.34229981e+00 5.56556038e+00 -3.02505443e+00
 5.69034315e+00 5.25880698e+00 -3.98228078e+00 1.23449194e+01
 -8.76363536e+00 6.73641286e+00]
[ 0.00000000e+00 0.00000000e+00 -1.75992187e+02 -5.48790521e+00
 -2.12848706e+02 -1.52238594e+02 1.26155535e+02 2.30125321e+02
 1.95587974e+02 1.63086554e+02 1.19775247e+02 -5.80672414e+01
 1.22337959e+02 8.96003920e+01 -9.03237691e+01 2.17402510e+02
 -1.53231473e+02 1.09345760e+02]
[ 0.00000000e+00 -1.11022302e-16 0.00000000e+00 1.48148629e+01
 1.19835415e+01 1.58861219e+01 -9.46460961e+00 -2.18235721e+01
 -1.14777995e+01 -2.33435097e+00 4.18645874e+00 -9.84955644e-01

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7.13908966e+00 -4.17708529e+00 -5.43949038e+00 -1.23636611e+01
1.13699449e+01 -1.11577434e+01]
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2.37543898e+00 1.33192091e+01 1.66425552e+01 3.49096117e+00
3.59750768e+00 -7.23183507e+00 -9.59944824e+00 1.29090650e+01
-1.91335545e+01 3.74765991e+00]
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-3.46653198e+01 -1.14092855e+01 4.58327147e+01 1.52347084e+01
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-3.37421531e+01 -1.13325251e+01]
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9.91595620e+01 5.56329560e+01 -1.03048880e+02 -3.39254783e+01
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6.44358274e+01 3.70294587e+01]
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-3.90072652e+01 -1.16386588e+01]
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2.19478006e+01 6.35977475e+00 -1.42696938e-01 -1.55735175e+01
4.37096829e-01 8.53675710e-01]
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0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
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9.56917250e+01 2.70945960e+01]
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0.00000000e+00 0.00000000e+00 -2.70840815e+00 -1.34115029e+01
-1.65835545e+01 -8.56188134e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
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-6.76122937e+01 -2.59019920e+01]
[ 0.00000000e+00 4.44089210e-16 0.00000000e+00 0.00000000e+00
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0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
-3.91162929e+01 -1.63720749e+01]]
n = 17: 0.028388 segundos
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3.62363709e+00 4.49520624e+00 -3.52926519e+00 4.26587625e+00
-7.88370692e-02 -2.41755612e+00 -4.08642438e-01 4.80032575e+00
-7.38190601e-02 -1.71248390e+00 1.33400854e+00 -2.59854381e+00
-4.24136672e+00 -3.71120278e+00 -3.71954161e+00 -3.48097306e+00
-3.61172827e+00 1.40874745e+00 -3.18119916e+00]
[ 0.00000000e+00 -3.45853654e+01 1.54116282e+01 -1.47716103e+01
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1.72085812e-03 2.59901148e+01 2.99595819e-01 -5.63219158e+01
2.10844466e+00 2.30434470e+01 -1.92312209e+01 2.82333892e+01
4.71634177e+01 4.40216849e+01 4.65172572e+01 4.16146121e+01
4.36705598e+01 -1.32359061e+01 3.74981684e+01]
[ 0.00000000e+00 -6.89131118e+01 2.41687987e+01 -3.17919789e+01
-9.20720713e+01 -1.05067061e+02 8.84824999e+01 -9.81708782e+01
6.87300293e+00 5.90216864e+01 1.25726844e+01 -1.11645788e+02
5.28175046e+00 3.88890361e+01 -3.27568791e+01 5.91360592e+01
1.07115815e+02 9.08153046e+01 8.72416566e+01 8.59025761e+01
8.85291001e+01 -3.54882158e+01 7.30712651e+01]
[ 0.00000000e+00 3.52606208e+01 -1.16738336e+01 1.51442408e+01
3.66993372e+01 4.65142214e+01 -4.35263370e+01 4.37507024e+01
-3.08383095e+00 -2.99004904e+01 -8.62113767e+00 4.91637831e+01
-1.20658774e+00 -2.18288675e+01 1.33595450e+01 -2.86330875e+01
-4.48870132e+01 -4.55490460e+01 -3.80400578e+01 -3.71232582e+01
-4.40271696e+01 1.92771558e+01 -3.08864180e+01]
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1.10537295e+02 1.38131173e+02 -1.12026433e+02 1.33687652e+02
-1.29097557e+00 -7.71620009e+01 -1.31958624e+01 1.53085554e+02
-6.94925057e+00 -5.62050353e+01 4.39881872e+01 -7.75775814e+01
-1.32956657e+02 -1.16118335e+02 -1.20629381e+02 -1.09741859e+02
-1.12992271e+02 4.16243393e+01 -1.02118105e+02]
[ 0.00000000e+00 2.00827620e+01 -1.08544783e+01 7.82392873e+00
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1.09946421e+00 -1.83150964e+01 -3.60019058e+00 3.79776734e+01
-2.76475577e-01 -1.41535022e+01 1.41563213e+01 -2.34778379e+01
-4.09294773e+01 -3.47169218e+01 -3.39970061e+01 -2.90759328e+01
-3.09743072e+01 1.09185037e+01 -2.30403351e+01]
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-2.99388183e+01 -3.73815344e+01 2.35505180e+01 -3.44034276e+01
-2.67017532e+00 2.22468465e+01 -1.10790855e+00 -3.60502493e+01

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2.40172287e+01	-8.96513664e+00	2.83468731e+01]	
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-2.25601822e+00	5.95769564e+00	2.76428291e+00	-2.15912018e+01
1.11190590e+00	3.49209676e+00	-5.60139021e+00	1.08695863e+01
1.27277448e+01	1.34243915e+01	1.14363306e+01	9.75793247e+00
1.95543294e+01	-7.49250877e+00	1.60065830e+01]	
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1.92348371e+00	-3.77508493e+01	-1.09241401e+01	8.65007972e+01
3.08870424e+00	-3.32226422e+01	1.90619187e+01	-4.31642253e+01
-7.36439009e+01	-6.16718863e+01	-6.88387036e+01	-5.80995399e+01
-6.63292339e+01	2.13443488e+01	-5.91518698e+01]	
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-7.77109287e+01	-1.02157027e+02	8.25268343e+01	-9.65332993e+01
5.42214458e-01	5.39891860e+01	7.20271903e+00	-1.05466456e+02
1.68713658e+00	3.58299049e+01	-2.60014443e+01	5.72710811e+01
9.58090432e+01	8.75167016e+01	8.48818716e+01	7.44438992e+01
8.56134677e+01	-3.04007262e+01	6.98831074e+01]	
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-4.54797286e+00	-5.98987681e+01	-1.52017823e+01	1.24478367e+02
7.21115170e-01	-4.03898364e+01	3.28190812e+01	-6.37925415e+01
-1.13260037e+02	-9.22312149e+01	-9.96358733e+01	-9.07862444e+01
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6.84976066e+01	5.41413927e+01	6.28140099e+01	5.96237886e+01
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6.76276713e-01	3.19457702e+01	1.09019926e+01	-6.77224759e+01
-2.65982638e+00	2.95769523e+01	-1.60628808e+01	3.86829006e+01
6.37438582e+01	5.39673452e+01	5.06484649e+01	4.99186948e+01
5.65322491e+01	-2.58226975e+01	4.54608990e+01]	
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-2.95508157e+01	-3.18833819e+01	-2.54396522e+01	-2.85580948e+01
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-1.25470775e+02	-1.10592920e+02	-1.11240081e+02	-1.02580104e+02
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1.12607323e+02	-4.27013455e+01	1.05003280e+02]	
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8.64958116e+01	-3.41591629e+01	7.56122169e+01]	
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2.63859680e+00	-1.17859878e+01	-6.64109419e+00	1.96041906e+01
7.92977035e-02	-6.48410876e+00	3.66971797e+00	-1.54709191e+01
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2.93403582e+01	-1.43214783e+01	1.92080888e+01]	
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6.60341411e+01	6.09540824e+01	6.44005496e+01	5.91019429e+01
6.19781116e+01	-2.13908702e+01	5.38127146e+01]	
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1.10580554e+02	9.70790620e+01	9.25866872e+01	9.05099936e+01
9.35988794e+01	-3.69731444e+01	8.26959793e+01]]	
[06-24 17:37:20][INFO]			
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3.62363709e+00	4.49520624e+00	-3.52926519e+00	4.26587625e+00
-7.88370692e-02	-2.41755612e+00	-4.08642438e-01	4.80032575e+00
-7.38190601e-02	-1.71248390e+00	1.33400854e+00	-2.59854381e+00
-4.24136672e+00	-3.71120278e+00	-3.71954161e+00	-3.48097306e+00
-3.61172827e+00	1.40874745e+00	-3.18119916e+00]	
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1.11190590e+00	3.49209676e+00	-5.60139021e+00	1.08695863e+01
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1.95543294e+01	-7.49250877e+00	1.60065830e+01]	
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-1.94268370e+01	-2.92687961e+01	9.02587827e+00	-2.04835426e+01
1.98922840e+00	-2.81324859e+01	-1.04072071e+00	9.80172661e+00
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4.42026510e+01	-1.86070453e+01	2.65569074e+01]	
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1.79243205e+00	-7.65580703e+00	3.73389355e+00	-3.25295203e+00
-1.72471422e+01	-9.73834587e+00	-1.27175871e+01	-1.09194855e+01
5.41015772e+00	-3.02270169e+00	6.74288806e+00]	
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8.37387784e+00	1.77175781e+00	5.78492930e+00	2.13316845e+00
-1.95997078e+01	7.74728918e+00	-7.35663280e+00]	
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1.62221430e+01	9.48379085e+00	3.96191159e-01	6.66832541e+00
7.23082692e+00	6.89948274e+00	-8.55817588e+00	1.28641777e+01
-1.45450782e+00	1.18534940e+01	-1.28232157e+00	-6.59673375e+00
6.37907646e+00	1.00503315e+00	9.87107841e+00	1.03466338e+01
-1.89886510e+01	1.07728276e+01	-1.37927676e+01]	
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-8.85462888e+00	-9.28799651e+00	2.28220376e+00	-1.66510310e+01
8.40082757e+00	-1.65391723e+01	-7.69868715e+00	8.76515361e+00
-1.28371817e+01	2.46305820e+00	-1.42017073e+01	-1.14810800e+01
2.70914496e+01	-1.44510639e+01	1.73194779e+01]	
[0.00000000e+00	0.00000000e+00	1.19952281e+01	-1.58619018e+01
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1.35291087e+01	1.96933799e+01	-8.71002917e+00	1.88244968e+01
-4.71361155e+00	1.57274559e+01	6.24326977e+00	-5.30029646e+00
2.25410731e+01	1.02384458e+01	1.90479988e+01	1.82718187e+01
-2.69521162e+01	1.27303169e+01	-2.22596772e+01]	
[0.00000000e+00	0.00000000e+00	-1.13951123e+01	1.58931200e+01
-2.83265030e+01	-2.22024578e+01	1.19988227e+00	-1.33599409e+01
-2.04507922e+01	-1.79025837e+01	4.28382787e+00	-2.77194196e+01
8.55901227e+00	-1.57738190e+01	-6.66548308e+00	1.28278799e+01
-2.35413353e+01	2.39819483e+00	-1.90204341e+01	-2.20019432e+01
4.76819706e+01	-1.99905537e+01	2.80947042e+01]	
[0.00000000e+00	0.00000000e+00	9.91458260e+00	-8.48607082e+00
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1.42965025e+01	1.55816325e+01	-5.47735344e+00	9.10359720e+00
1.22980512e+00	9.87149582e+00	1.91400047e+00	-1.82500693e+00
1.79509069e+01	8.28044639e-01	1.73960053e+01	2.08713394e+01
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1.14201556e+01 3.35082771e+00 1.53279444e+01 1.72312429e+01
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1.76875294e+01	2.47392839e+01	-1.21876755e+00	2.04909454e+01
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1.95543294e+01	-7.49250877e+00	1.60065830e+01]	
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1.64055331e+01 -7.85173223e+00 7.16516584e+00]
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1.76875294e+01 2.47392839e+01 -1.21876755e+00 2.04909454e+01
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6.37654818e+01 -2.51678101e+01 2.22354361e+01]
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2.70869137e+01 -2.50096697e+00 -1.14850244e+01]
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-6.36671686e+00	1.05967414e+00	-2.06188108e+01]	
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0.00000000e+00	0.00000000e+00	0.00000000e+00	1.08913085e+01
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1.58081281e+01	2.09670946e+01	1.95214387e+01	4.61626939e+01
-4.37037412e+01	1.67972881e+01	-1.13986597e+01]	
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-5.02846742e+01 -2.03427203e+02 8.91194767e+00 6.76426105e+01
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3.62363709e+00 4.49520624e+00 -3.52926519e+00 4.26587625e+00
-7.88370692e-02 -2.41755612e+00 -4.08642438e-01 4.80032575e+00
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-3.61172827e+00 1.40874745e+00 -3.18119916e+00]
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1.95543294e+01 -7.49250877e+00 1.60065830e+01]
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-5.44341308e+00 -9.58560445e+00 -8.26824689e-01 -7.12631959e+00
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1.64055331e+01 -7.85173223e+00 7.16516584e+00]
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1.76875294e+01 2.47392839e+01 -1.21876755e+00 2.04909454e+01
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-5.12461359e+01 1.90443667e+01 -1.70298658e+01]
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-1.21469551e+01	-2.96646463e+01	-3.94055659e+00	-3.52518762e+01
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[0.00000000e+00	7.10542736e-15	0.00000000e+00	0.00000000e+00
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2.27956296e+02	1.88642032e+02	-2.42708633e+02	-6.98886699e+02
1.86430964e+02	-3.65304545e+01	5.05346254e+02]	
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2.27498846e+02	-4.22959830e+01	5.90860644e+02]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00

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-4.16839685e+02	7.89019047e+01	-1.21981103e+03]	
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-7.21410759e+02	1.28311274e+02	-2.09801948e+03]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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4.89013396e+02	-9.35727206e+01	1.34496705e+03]	
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5.74836013e+02	4.05895622e+02	-5.81706944e+02	-1.62610114e+03
4.03426310e+02	-6.95375760e+01	1.19847285e+03]	
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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-3.25303262e+02	5.77335386e+01	-9.59883267e+02]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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4.87113886e+02	-9.01836238e+01	1.38556969e+03]]	
[06-24 17:37:20][INFO]			
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1.11190590e+00	3.49209676e+00	-5.60139021e+00	1.08695863e+01
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1.95543294e+01	-7.49250877e+00	1.60065830e+01]	
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8.17523999e-01	-1.51553709e+00	-2.57521000e+00	3.06093957e+00
-4.76157224e+00	-5.73731163e+00	-3.16563671e+00	-9.55301831e+00
1.64055331e+01	-7.85173223e+00	7.16516584e+00]	
[0.00000000e+00	0.00000000e+00	2.22044605e-16	-3.46288558e+00
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1.76875294e+01	2.47392839e+01	-1.21876755e+00	2.04909454e+01
-1.40041200e+00	1.86511748e+00	6.21200731e+00	-1.42410413e+01
1.19887339e+01	1.97131290e+01	4.89534694e+00	2.10811904e+01
-5.12461359e+01	1.90443667e+01	-1.70298658e+01]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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-2.61700654e+01	-3.31230853e+01	-6.63257347e+00	-2.18482626e+01
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6.37654818e+01	-2.51678101e+01	2.22354361e+01]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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8.07853661e-01	-6.22744921e-01	2.72672039e+01	-9.05916228e+00
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-1.35554661e+01	-6.85234651e+00	5.99236011e-01	1.95295887e+01
2.70869137e+01	-2.50096697e+00	-1.14850244e+01]	
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8.54433225e+00	-3.60368161e+00	-1.63488711e+01]	
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0.00000000e+00	0.00000000e+00	0.00000000e+00	-1.85835427e-01
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-6.36671686e+00	1.05967414e+00	-2.06188108e+01]	
[0.00000000e+00	0.00000000e+00	1.77635684e-15	0.00000000e+00
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2.71957704e+02	-9.50584044e+00	5.31051155e+02]	
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-3.23134540e+02	-9.16102656e+00	-7.08729886e+02]	
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7.02372840e+02	-1.33846263e+01	1.41364995e+03]	
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3.32794289e+02	-9.02488339e+00	6.22506991e+02]	
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-6.45845326e+02	6.54103783e+00	-1.28863825e+03]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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1.41290762e+02	8.05133130e+02	-4.96428377e+02	-2.03948732e+03
7.23955690e+02	-1.93359991e+01	1.41557851e+03]	
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6.13114875e+02	-3.28049068e+00	1.26149436e+03]	
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00


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-9.21006249e+02 -3.79471988e+03 2.63131653e+03 1.05842905e+04
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 3.08392578e+02 1.18875345e+03 -8.18182169e+02 -3.33134440e+03
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1.55684247e+02 -3.98264980e+01 7.30612342e+01 7.08582196e+01
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2.15620639e+03	2.29707749e+03	-1.01052623e+03	-1.39445791e+03
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1.12413074e+03	-2.43802484e+01	2.27103834e+03]	
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1.79713941e+02 -5.98598745e+01 -2.28703382e+01]
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7.50306741e+00 3.73855327e+00 -1.58068338e+01 5.93422565e+00
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9.24060324e-01 -4.98504358e+00 5.83312032e+00 6.56803143e+00
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-3.61172827e+00 1.40874745e+00 -3.18119916e+00]
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1.11190590e+00 3.49209676e+00 -5.60139021e+00 1.08695863e+01
1.27277448e+01 1.34243915e+01 1.14363306e+01 9.75793247e+00
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8.17523999e-01 -1.51553709e+00 -2.57521000e+00 3.06093957e+00
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1.64055331e+01 -7.85173223e+00 7.16516584e+00]
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1.76875294e+01 2.47392839e+01 -1.21876755e+00 2.04909454e+01
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1.19887339e+01 1.97131290e+01 4.89534694e+00 2.10811904e+01
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-6.30665760e+00	-1.99276842e+00	-1.89545407e+00]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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2.15620639e+03	2.29707749e+03	-1.01052623e+03	-1.39445791e+03
3.08392578e+02	1.18875345e+03	-8.18182169e+02	-3.33134440e+03
1.12413074e+03	-2.43802484e+01	2.27103834e+03]	
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4.19125653e+01	-4.47342063e+01	-5.59275079e+00]	
[0.00000000e+00	7.10542736e-15	0.00000000e+00	0.00000000e+00
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-1.22767791e+02	1.34950720e+02	1.71401684e+01]	
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-3.44663587e+02	2.89839972e+02	5.99586381e+01]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00

0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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8.75603451e+01	-7.53819974e+01	-2.04281134e+01]	
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0.00000000e+00	0.00000000e+00	1.81898940e-12	0.00000000e+00
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4.19125653e+01	-4.47342063e+01	-5.59275079e+00]	
[0.00000000e+00	7.10542736e-15	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	8.88178420e-16
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-1.22767791e+02	1.34950720e+02	1.71401684e+01]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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8.75603451e+01	-7.53819974e+01	-2.04281134e+01]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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2.62738822e+03	-2.26065807e+03	-6.11085867e+02]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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6.37654818e+01 -2.51678101e+01 2.22354361e+01]
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2.70869137e+01 -2.50096697e+00 -1.14850244e+01]
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 -1.04994575e+01 -6.63839936e+00  9.95617466e+00  2.78392763e+01
 -6.36671686e+00  1.05967414e+00 -2.06188108e+01]
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  1.29210357e+01 -9.51966088e+00 -4.55929374e+00  4.83241607e+00
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 -4.71817346e+01 -2.03225565e+02  1.39352856e+02  5.62158493e+02
 -1.94910957e+02  6.95547261e+00 -3.82625045e+02]
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 -3.55271368e-15  8.88178420e-16 -3.02130775e+03 -5.19726139e+02
  2.15620639e+03  2.29707749e+03 -1.01052623e+03 -1.39445791e+03
  3.08392578e+02  1.18875345e+03 -8.18182169e+02 -3.33134440e+03
  1.12413074e+03 -2.43802484e+01  2.27103834e+03]
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  0.00000000e+00  0.00000000e+00  0.00000000e+00 -6.23365715e+00
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 -7.44644667e+01  1.67643267e+01 -3.23475033e+01 -3.09338899e+01
  8.91391106e+01 -4.07072706e+01 -8.98857126e+00]
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  4.19125653e+01 -4.47342063e+01 -5.59275079e+00]
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  8.75603451e+01 -7.53819974e+01 -2.04281134e+01]
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 0.00000000e+00 0.00000000e+00 0.00000000e+00 -5.68434189e-14
-1.64243240e+02 1.99617864e+02 -1.74109836e+02 5.03592215e+01
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-7.88370692e-02 -2.41755612e+00 -4.08642438e-01 4.80032575e+00
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-2.25601822e+00 5.95769564e+00 2.76428291e+00 -2.15912018e+01
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[ 0.00000000e+00 0.00000000e+00 1.77635684e-15 0.00000000e+00
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-3.55271368e-15 8.88178420e-16 -3.02130775e+03 -5.19726139e+02
2.15620639e+03 2.29707749e+03 -1.01052623e+03 -1.39445791e+03
3.08392578e+02 1.18875345e+03 -8.18182169e+02 -3.33134440e+03
1.12413074e+03 -2.43802484e+01 2.27103834e+03]
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-1.22767791e+02	1.34950720e+02	1.71401684e+01]	
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	3.47369516e-01	2.82488526e+01
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8.75603451e+01	-7.53819974e+01	-2.04281134e+01]	
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	7.77084486e+01
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-5.68434189e-14
-1.64243240e+02	1.99617864e+02	-1.74109836e+02	5.03592215e+01
3.50347131e+02	-2.92187148e+02	-6.53946872e+00]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	2.27373675e-13
0.00000000e+00	1.10170281e+01	-4.83483055e+00	9.01685582e+00
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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3.72023995e+01	-1.51660881e+01	1.88246443e+01]	
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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-1.17967954e+02	5.75895210e+01	-5.81201809e+01]	
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3.55271368e-15	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	4.92368354e+01	-2.37175994e+01	1.71114288e+01

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0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 -1.51837482e+01 1.03556993e+01 -1.13243207e+01
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[06-24 17:37:20][INFO]
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-3.61172827e+00 1.40874745e+00 -3.18119916e+00]
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1.11190590e+00 3.49209676e+00 -5.60139021e+00 1.08695863e+01
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1.95543294e+01 -7.49250877e+00 1.60065830e+01]
[ 0.00000000e+00 0.00000000e+00 5.58419449e-01 2.95097611e+00
-9.88529846e+00 -3.86209992e+00 2.70618858e-01 -5.26572274e+00
-5.44341308e+00 -9.58560445e+00 -8.26824689e-01 -7.12631959e+00
8.17523999e-01 -1.51553709e+00 -2.57521000e+00 3.06093957e+00
-4.76157224e+00 -5.73731163e+00 -3.16563671e+00 -9.55301831e+00
1.64055331e+01 -7.85173223e+00 7.16516584e+00]
[ 0.00000000e+00 0.00000000e+00 2.22044605e-16 -3.46288558e+00
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1.76875294e+01 2.47392839e+01 -1.21876755e+00 2.04909454e+01
-1.40041200e+00 1.86511748e+00 6.21200731e+00 -1.42410413e+01
1.19887339e+01 1.97131290e+01 4.89534694e+00 2.10811904e+01
-5.12461359e+01 1.90443667e+01 -1.70298658e+01]
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-1.21469551e+01 -2.96646463e+01 -3.94055659e+00 -3.52518762e+01
6.37654818e+01 -2.51678101e+01 2.22354361e+01]
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2.70869137e+01 -2.50096697e+00 -1.14850244e+01]
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8.54433225e+00 -3.60368161e+00 -1.63488711e+01]
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1.12413074e+03	-2.43802484e+01	2.27103834e+03]	
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-1.22767791e+02	1.34950720e+02	1.71401684e+01]	
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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0.00000000e+00  7.10542736e-15  0.00000000e+00  0.00000000e+00
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3.55271368e-15  0.00000000e+00  0.00000000e+00  0.00000000e+00
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6.37654818e+01	-2.51678101e+01	2.22354361e+01]	
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2.70869137e+01	-2.50096697e+00	-1.14850244e+01]	
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-6.30665760e+00	-1.99276842e+00	-1.89545407e+00]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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2.15620639e+03	2.29707749e+03	-1.01052623e+03	-1.39445791e+03
3.08392578e+02	1.18875345e+03	-8.18182169e+02	-3.33134440e+03
1.12413074e+03	-2.43802484e+01	2.27103834e+03]	
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4.19125653e+01	-4.47342063e+01	-5.59275079e+00]	
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-1.22767791e+02	1.34950720e+02	1.71401684e+01]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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8.75603451e+01	-7.53819974e+01	-2.04281134e+01]	
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0.00000000e+00	0.00000000e+00	0.00000000e+00	7.77084486e+01
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3.12376491e+02	-2.68429158e+02	-5.97584643e+01]	
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0.00000000e+00	0.00000000e+00	0.00000000e+00	-5.68434189e-14
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3.50347131e+02	-2.92187148e+02	-6.53946872e+00]	
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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6.87987269e+01	-3.25541908e+01	3.97703413e+01]	
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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1.86980945e+02	-8.67062402e+01	1.18161014e+02]	
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	2.95916466e+01
1.64588170e+02	-7.29301072e+01	1.06765295e+02]	
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-7.88370692e-02 -2.41755612e+00 -4.08642438e-01 4.80032575e+00
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-3.61172827e+00 1.40874745e+00 -3.18119916e+00]
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1.11190590e+00 3.49209676e+00 -5.60139021e+00 1.08695863e+01
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1.76875294e+01 2.47392839e+01 -1.21876755e+00 2.04909454e+01
-1.40041200e+00 1.86511748e+00 6.21200731e+00 -1.42410413e+01
1.19887339e+01 1.97131290e+01 4.89534694e+00 2.10811904e+01
-5.12461359e+01 1.90443667e+01 -1.70298658e+01]
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-4.17789812e-01 -1.79884099e+01 8.50573835e+00 1.80330640e+01
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2.70869137e+01 -2.50096697e+00 -1.14850244e+01]
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1.12413074e+03	-2.43802484e+01	2.27103834e+03]	
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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0.00000000e+00	0.00000000e+00	0.00000000e+00	-1.77635684e-15
3.55271368e-15	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-7.10542736e-15	0.00000000e+00	0.00000000e+00
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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-3.61172827e+00	1.40874745e+00	-3.18119916e+00]	
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-2.25601822e+00	5.95769564e+00	2.76428291e+00	-2.15912018e+01
1.11190590e+00	3.49209676e+00	-5.60139021e+00	1.08695863e+01
1.27277448e+01	1.34243915e+01	1.14363306e+01	9.75793247e+00
1.95543294e+01	-7.49250877e+00	1.60065830e+01]	
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8.17523999e-01	-1.51553709e+00	-2.57521000e+00	3.06093957e+00
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1.64055331e+01	-7.85173223e+00	7.16516584e+00]	
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1.76875294e+01	2.47392839e+01	-1.21876755e+00	2.04909454e+01
-1.40041200e+00	1.86511748e+00	6.21200731e+00	-1.42410413e+01
1.19887339e+01	1.97131290e+01	4.89534694e+00	2.10811904e+01
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6.37654818e+01	-2.51678101e+01	2.22354361e+01]	
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2.70869137e+01	-2.50096697e+00	-1.14850244e+01]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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8.54433225e+00	-3.60368161e+00	-1.63488711e+01]	
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-6.36671686e+00	1.05967414e+00	-2.06188108e+01]	
[0.00000000e+00	0.00000000e+00	1.77635684e-15	0.00000000e+00
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-1.25879825e+01	2.02683326e+01	8.25776147e+00	5.18398094e+00
1.29210357e+01	-9.51966088e+00	-4.55929374e+00	4.83241607e+00
-6.30665760e+00	-1.99276842e+00	-1.89545407e+00]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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0.00000000e+00	-1.24335596e+00	5.09522685e+02	8.89831257e+01
-3.65556000e+02	-3.84357962e+02	1.71143111e+02	2.34216020e+02
-4.71817346e+01	-2.03225565e+02	1.39352856e+02	5.62158493e+02
-1.94910957e+02	6.95547261e+00	-3.82625045e+02]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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2.15620639e+03	2.29707749e+03	-1.01052623e+03	-1.39445791e+03
3.08392578e+02	1.18875345e+03	-8.18182169e+02	-3.33134440e+03
1.12413074e+03	-2.43802484e+01	2.27103834e+03]	
[0.00000000e+00	-1.42108547e-14	-1.77635684e-15	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-2.22044605e-16
0.00000000e+00	0.00000000e+00	0.00000000e+00	-6.23365715e+00
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-7.44644667e+01	1.67643267e+01	-3.23475033e+01	-3.09338899e+01
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	1.81898940e-12	0.00000000e+00
2.07587335e+00	9.88421659e+00	-1.52167464e+01	9.64104431e+00
-1.24069418e+01	2.50656416e+01	-2.53286830e+01	2.43860944e+00
4.19125653e+01	-4.47342063e+01	-5.59275079e+00]	
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```

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3.20355762e+01 -8.24360644e+01 7.61150788e+01 -2.03799533e+01
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0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 3.47369516e-01 2.82488526e+01
-3.73492876e+01 6.50464017e+01 -5.59228921e+01 3.06370450e+01
8.75603451e+01 -7.53819974e+01 -2.04281134e+01]
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0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
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-1.37974812e+02 2.19884497e+02 -1.90250840e+02 9.34729528e+01
3.12376491e+02 -2.68429158e+02 -5.97584643e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
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0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 -5.68434189e-14
-1.64243240e+02 1.99617864e+02 -1.74109836e+02 5.03592215e+01
3.50347131e+02 -2.92187148e+02 -6.53946872e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
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0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 2.27373675e-13
0.00000000e+00 1.10170281e+01 -4.83483055e+00 9.01685582e+00
6.87987269e+01 -3.25541908e+01 3.97703413e+01]
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0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
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[ 0.00000000e+00 0.00000000e+00 -1.77635684e-15 0.00000000e+00
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0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
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[06-24 17:37:20][INFO]

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-3.93406970e+00 1.57845305e+00 4.99413726e+00 -4.51787961e+00
4.77174184e+00 -9.30920393e-01 3.70753450e+00 2.82385484e+00
6.70162610e-01 2.38449209e+00 3.78515561e+00 -9.58596783e-01
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1.76404555e+01 -1.52127967e+01 6.10634401e+00 -1.29000548e+01
2.59857712e+01 -1.39073685e+01 -4.01527033e+01 2.73599536e+01
-2.91122711e+01 5.90875101e+00 -2.75657954e+01 -1.83180688e+01
-7.59108246e+00 -1.24853142e+01 -2.40985130e+01 2.72227082e+00
1.14963726e+01 -8.14662649e+00 -1.74807900e+01 -1.90087627e+01]
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-1.16827753e+02 6.05455166e+01 -4.54003760e+01 5.75727343e+01
-1.55126648e+02 6.18639427e+01 1.96054439e+02 -1.76669222e+02
1.95386414e+02 -3.30917360e+01 1.53777934e+02 1.10094899e+02
2.58642694e+01 9.83013129e+01 1.53904949e+02 -4.19412929e+01
-6.62744860e+01 6.45201970e+01 1.20814529e+02 1.05656954e+02]
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-8.99112036e+01 5.53626715e+01 -3.33623103e+01 5.02586940e+01
-1.33546642e+02 5.10098664e+01 1.63015742e+02 -1.51024184e+02
1.59207062e+02 -3.06651201e+01 1.17774792e+02 9.00963320e+01
2.38784873e+01 7.42023806e+01 1.28029850e+02 -3.15828642e+01
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-1.77067477e+02 1.03482762e+02 -6.49005843e+01 9.70922535e+01
-2.46696878e+02 1.01984394e+02 3.11263162e+02 -2.80859741e+02
3.04382566e+02 -6.33641729e+01 2.36867335e+02 1.74217826e+02
4.05776679e+01 1.52680269e+02 2.35107618e+02 -5.72208456e+01
-1.05663859e+02 1.05674103e+02 1.89035443e+02 1.63134418e+02]
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-1.15062115e+02 6.61699635e+01 -3.92959963e+01 6.10089124e+01
-1.61491559e+02 6.96470895e+01 2.02715470e+02 -1.82607402e+02
1.99365039e+02 -4.28492615e+01 1.51451892e+02 1.18951478e+02
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-3.48372052e+02 1.38993792e+02 4.37942918e+02 -3.96274102e+02
4.23591542e+02 -8.50530361e+01 3.23439904e+02 2.51334779e+02
6.07639964e+01 2.08438115e+02 3.38983715e+02 -8.81957761e+01
-1.53518709e+02 1.52529967e+02 2.71225180e+02 2.33153383e+02]
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1.04575164e+02 -5.89055441e+01 4.21142783e+01 -5.50849290e+01
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-1.88644752e+02	1.03910308e+02	-7.45950757e+01	9.50563155e+01
-2.59470036e+02	1.03474300e+02	3.29021835e+02	-2.98823763e+02
3.15364220e+02	-5.75428753e+01	2.46314346e+02	1.80870760e+02
4.38222481e+01	1.52665939e+02	2.46034545e+02	-5.80952958e+01
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-6.10597450e+01	2.98723522e+01	-2.17328027e+01	3.38241876e+01
-8.00534169e+01	3.03270888e+01	1.02115119e+02	-9.93394759e+01
1.02109203e+02	-1.75895923e+01	7.35923498e+01	6.39816460e+01
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-3.43772985e+01	3.84009615e+01	6.33894447e+01	5.85240252e+01]
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-7.12352696e+02	1.41249906e+02	-5.49424837e+02	-4.19697930e+02
-9.90455949e+01	-3.52189999e+02	-5.65263378e+02	1.47429512e+02
2.61810378e+02	-2.47573191e+02	-4.60523668e+02	-3.88004567e+02]
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4.28988419e+02	-2.41876442e+02	1.65588649e+02	-2.33598214e+02
5.99373216e+02	-2.38225040e+02	-7.56833812e+02	6.86356875e+02
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2.82584914e+02	-2.68558454e+02	-4.95069422e+02	-4.23755417e+02]
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6.42892689e+02	-2.57413888e+02	-8.14566516e+02	7.41537055e+02
-7.84651114e+02	1.47800833e+02	-6.03880174e+02	-4.67553332e+02
-1.06077498e+02	-3.90475024e+02	-6.15910833e+02	1.60080193e+02
2.88432921e+02	-2.76140586e+02	-5.01818083e+02	-4.30806784e+02]
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5.04033122e+02	-9.64480105e+01	3.92013363e+02	2.97302999e+02
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-1.87071305e+02	1.75075942e+02	3.23308382e+02	2.75468116e+02]
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5.63256557e+01	-4.72825600e+01	-9.56652030e+01	-8.28893175e+01]
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4.74870419e+02	-9.19666929e+01	3.65450852e+02	2.79297437e+02
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3.20695217e+02	-6.04044964e+01	2.49869537e+02	1.92742196e+02
4.94477789e+01	1.63924403e+02	2.58149024e+02	-6.70498543e+01
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1.01866298e+02	-2.16933202e+01	7.48218737e+01	5.42793294e+01
1.86314018e+01	5.30390690e+01	7.78158393e+01	-1.61854622e+01
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3.70536482e+02	-2.04996713e+02	1.40394837e+02	-2.01227218e+02
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-6.24587234e+02	1.22638718e+02	-4.83627026e+02	-3.68590270e+02
-9.12234483e+01	-3.09902934e+02	-5.02613217e+02	1.29490549e+02
2.26727801e+02	-2.17061128e+02	-4.01973664e+02	-3.42558668e+02]

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 4.86601401e+02 -9.55398950e+01  3.79591243e+02  2.86352391e+02
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-1.72931530e+02  1.72541747e+02  3.20683832e+02  2.68579201e+02]
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-2.84324848e+00 1.58885470e+00 -1.06135594e+00 1.51232977e+00
-3.93406970e+00 1.57845305e+00 4.99413726e+00 -4.51787961e+00
4.77174184e+00 -9.30920393e-01 3.70753450e+00 2.82385484e+00
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2.59857712e+01 -1.39073685e+01 -4.01527033e+01 2.73599536e+01
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1.14963726e+01 -8.14662649e+00 -1.74807900e+01 -1.90087627e+01]
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-3.52011164e+00 6.02260527e+01 7.80530382e+00 4.28176697e+01
-1.79805932e+01 4.23167270e+01 1.05492267e+02 3.81559913e+00
-6.63251967e+00 -4.60819885e+00 5.64726594e+01 7.47290400e+00
3.92459933e+01 -2.68126208e+01 4.91177638e+00 3.27210980e+01
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1.99833701e+02 -4.70983223e+02 -1.16874433e+03 -3.90577986e+01
6.71038979e+01 5.06016615e+01 -6.28892036e+02 -9.02446850e+01
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-4.03273412e+02 2.69970182e+02 -6.40191375e+01 -3.32037665e+02
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1.16569499e+02 9.63403945e+01 -1.21675846e+03 -1.72520146e+02
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-1.18177236e+03	7.93647448e+02	-1.72913308e+02	-9.85273418e+02
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8.46431888e+00	-1.98155568e+01	-6.95655795e+01	1.46587660e+00
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8.98788355e+01	-2.00192689e+02	-4.80611448e+02	-1.54064573e+01
2.01937139e+01	1.73587017e+01	-2.54213174e+02	-4.27865122e+01
-1.79626642e+02	1.13838943e+02	-3.41061202e+01	-1.56746574e+02
3.49779335e+01	1.00206327e+02	6.24855502e+01	-1.48703421e+02]
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-1.77206058e+01	2.16099840e+02	2.67975012e+01	1.53824944e+02
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-9.74436380e+00	-1.78430727e+01	2.01991061e+02	2.96287461e+01
1.40452560e+02	-9.59233822e+01	2.82407280e+01	1.15712288e+02
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	-8.25314123e+02
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-7.14379266e+01	1.05433380e+03	1.33293177e+02	7.51229395e+02
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6.87806133e+02	-4.63092588e+02	9.37580496e+01	5.65859609e+02
-8.78859618e+01	-3.62468575e+02	-1.88031594e+02	5.74956723e+02]
[-4.44089210e-16	0.00000000e+00	0.00000000e+00	-3.27364135e+02
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[06-24 17:37:20][INFO]			
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-4.69612940e+00	4.30948696e+00	1.89526751e+00	1.76513386e+00
-2.84324848e+00	1.58885470e+00	-1.06135594e+00	1.51232977e+00
-3.93406970e+00	1.57845305e+00	4.99413726e+00	-4.51787961e+00
4.77174184e+00	-9.30920393e-01	3.70753450e+00	2.82385484e+00
6.70162610e-01	2.38449209e+00	3.78515561e+00	-9.58596783e-01
-1.72966838e+00	1.67593386e+00	3.07845942e+00	2.62285135e+00]
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2.59857712e+01	-1.39073685e+01	-4.01527033e+01	2.73599536e+01
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-7.59108246e+00	-1.24853142e+01	-2.40985130e+01	2.72227082e+00
1.14963726e+01	-8.14662649e+00	-1.74807900e+01	-1.90087627e+01]
[0.00000000e+00	0.00000000e+00	-7.61958043e-01	-4.70514292e+01
-8.55362842e+01	6.06449868e+01	2.92166541e+01	-1.01186032e+01
-3.52011164e+00	6.02260527e+01	7.80530382e+00	4.28176697e+01
-1.79805932e+01	4.23167270e+01	1.05492267e+02	3.81559913e+00
-6.63251967e+00	-4.60819885e+00	5.64726594e+01	7.47290400e+00
3.92459933e+01	-2.68126208e+01	4.91177638e+00	3.27210980e+01
-5.12843814e+00	-2.08548801e+01	-1.11212930e+01	3.24849301e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	1.94974642e+01
4.56405537e+01	-3.61125173e+01	-2.02466273e+01	-2.57330474e+00

1.88209605e+00	-3.33735660e+01	9.42762533e-01	-2.14692883e+01
1.54643102e+01	-3.32486044e+01	-6.59760858e+01	-1.69545043e+00
-8.06102206e+00	1.43221346e+00	-2.90475325e+01	-1.30714989e+01
-2.24096187e+01	1.09869946e+01	-1.41284431e+01	-2.07180988e+01
7.27293687e+00	1.24491222e+01	8.55441851e+00	-2.14543961e+01]
[0.00000000e+00	0.00000000e+00	-8.88178420e-16	-5.68434189e-14
-2.49253778e+02	2.72988428e+02	2.02835670e+02	1.65135440e+02
-5.39229991e+00	2.11013984e+02	-9.63729341e+01	9.57203609e+01
-1.89323982e+02	3.86252910e+02	5.43626447e+02	1.36162870e+01
2.59111569e+02	6.09325523e+00	1.42135290e+02	2.35744368e+02
1.51470901e+02	-2.01002610e+00	2.85726816e+02	1.80833511e+02
-1.17172082e+02	-9.48106160e+01	-1.03525746e+02	1.92943421e+02]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-4.86211816e+02	5.33283784e+02	4.03815074e+02	3.31336607e+02
-5.74102036e+00	4.12620512e+02	-2.01754328e+02	1.76707129e+02
-3.83520934e+02	7.87667904e+02	1.09063693e+03	3.12018490e+01
5.26903481e+02	2.34357617e+01	2.61861692e+02	4.92864485e+02
3.00344322e+02	-2.63893021e+00	5.91962056e+02	3.64104211e+02
-2.54406449e+02	-1.93295978e+02	-2.06294961e+02	3.94579040e+02]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
3.02631580e+02	-3.31438973e+02	-2.49590951e+02	-2.04441886e+02
8.32232160e+00	-2.62422723e+02	1.27277366e+02	-1.07587796e+02
2.42887033e+02	-4.89486279e+02	-6.87737062e+02	-9.33600391e+00
-3.26253997e+02	-2.17136006e+01	-1.72556279e+02	-3.04161286e+02
-1.88911051e+02	-2.82444124e+00	-3.65993219e+02	-2.31032487e+02
1.60493654e+02	1.29949838e+02	1.32589263e+02	-2.42106252e+02]
[0.00000000e+00	0.00000000e+00	-1.77635684e-15	0.00000000e+00
4.41580445e+02	-4.76779168e+02	-3.56030843e+02	-2.97237088e+02
1.37057966e+01	-3.66418624e+02	1.83575885e+02	-1.60970127e+02
3.46226378e+02	-6.88294207e+02	-9.62274022e+02	-1.34067704e+01
-4.59528557e+02	-1.87111491e+01	-2.37033290e+02	-4.29335742e+02
-2.72231620e+02	-3.27090635e+00	-5.16765177e+02	-3.14629564e+02
2.22837862e+02	1.69663476e+02	1.75034169e+02	-3.48745712e+02]
[-2.22044605e-16	0.00000000e+00	0.00000000e+00	0.00000000e+00
-1.41928180e+02	1.49944302e+02	1.05885503e+02	9.10953307e+01
-7.61960556e+00	1.10561814e+02	-5.79925962e+01	4.67716172e+01
-1.04851157e+02	2.06091511e+02	2.96910150e+02	1.10176917e+00
1.41746931e+02	8.24647940e+00	7.88406909e+01	1.25528437e+02
8.21358037e+01	-5.40321578e+00	1.54669300e+02	9.89016992e+01
-6.78069751e+01	-4.88512031e+01	-4.88313842e+01	1.08220618e+02]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
3.80476661e+02	-4.20544499e+02	-3.22080924e+02	-2.70001217e+02
4.33236058e+00	-3.31671310e+02	1.65308855e+02	-1.38541270e+02
3.08618605e+02	-6.25656118e+02	-8.70546213e+02	-2.59638928e+01
-4.15062982e+02	-2.15742654e+01	-2.12682805e+02	-3.85070365e+02
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2.02707495e+02	1.61742393e+02	1.69111712e+02	-3.05267446e+02]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-1.29851602e+02	1.39173918e+02	1.09675128e+02	9.58112047e+01
-4.15620715e+00	1.12421174e+02	-6.31372968e+01	4.29600970e+01
-1.05559643e+02	2.17906611e+02	3.05220253e+02	5.52758873e+00
1.44716620e+02	1.50149768e+01	7.15999210e+01	1.37593295e+02
8.38867493e+01	5.08818445e+00	1.64404067e+02	1.09263535e+02
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[0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
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1.03227337e+01 -5.27527809e+02 2.62426955e+02 -2.36638872e+02
4.89765451e+02 -9.91680990e+02 -1.39738661e+03 -3.31824541e+01
-6.60396567e+02 -2.82303258e+01 -3.37405760e+02 -6.20347834e+02
-3.92519162e+02 1.13831527e+01 -7.44108666e+02 -4.63304641e+02
3.12429680e+02 2.49428746e+02 2.65995588e+02 -5.00972390e+02]
[0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
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-1.72167098e+01 5.23967502e+02 -2.59563177e+02 2.27531796e+02
-4.88815722e+02 9.85030679e+02 1.37844986e+03 2.67355975e+01
6.67783284e+02 3.02829570e+01 3.39538025e+02 6.16571801e+02
3.86831073e+02 -6.50482589e+00 7.52653872e+02 4.53428577e+02
-3.16858659e+02 -2.48703860e+02 -2.62757903e+02 4.93426843e+02]
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-1.92907846e+02 3.99138871e+02 5.48538512e+02 1.52113823e+01
2.66062333e+02 1.22899309e+01 1.27517386e+02 2.45258125e+02
1.51724316e+02 7.07008174e+00 2.98082531e+02 1.79280945e+02
-1.31066482e+02 -9.63628573e+01 -1.10734221e+02 1.95344149e+02]
[0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
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5.86673788e+02 -1.19564339e+03 -1.67871197e+03 -3.06427080e+01
-8.06132089e+02 -3.56720233e+01 -4.07342078e+02 -7.52952838e+02
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3.79555934e+02 2.96553968e+02 3.14475729e+02 -5.97244713e+02]
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6.16527371e+01 -1.34815185e+02 -1.99646040e+02 -7.32470859e+00
-8.58419462e+01 -5.03462814e+00 -5.10101677e+01 -8.64368420e+01
-5.52455847e+01 1.05438038e+01 -9.27478864e+01 -6.12533221e+01
3.97003854e+01 3.07789826e+01 3.47017754e+01 -7.29643417e+01]
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-2.12924311e+02 4.16455512e+02 5.92223839e+02 6.19548071e+00
2.82260695e+02 1.23744418e+01 1.46415858e+02 2.58646784e+02
1.67395614e+02 -6.67552244e+00 3.19578457e+02 1.92675137e+02
-1.33426641e+02 -1.02342045e+02 -1.04094252e+02 2.10373904e+02]
[0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
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2.88829229e+01 -5.31503521e+00 5.71235066e+01 3.60337999e+01
-2.38057808e+01 -1.81419971e+01 -1.77366060e+01 3.58388090e+01]
[0.00000000e+00 0.00000000e+00 0.00000000e+00 1.13686838e-13
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-3.31163141e+02 -1.74174650e+01 -1.64024716e+02 -3.10828385e+02

-1.98368120e+02	6.38356515e-01	-3.79217785e+02	-2.35084623e+02
1.63200554e+02	1.31727168e+02	1.36264996e+02	-2.52121813e+02]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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4.78817956e+00	-1.41795088e+02	7.38528535e+01	-5.39730671e+01
1.29459496e+02	-2.65539433e+02	-3.66868472e+02	-2.60394418e+00
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9.14066144e+01	6.62031802e+01	7.11943093e+01	-1.27074963e+02]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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-5.54906759e+02	1.11291031e+03	1.55816360e+03	3.14818102e+01
7.47660778e+02	4.06908524e+01	3.78346070e+02	7.01096842e+02
4.37765685e+02	-3.80151514e-01	8.48146059e+02	5.12018869e+02
-3.58523177e+02	-2.75329086e+02	-2.89599932e+02	5.59401445e+02]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-2.58132080e+02	2.89181943e+02	2.11670752e+02	1.83830760e+02
-8.02172239e+00	2.19333321e+02	-1.16159649e+02	9.33305082e+01
-2.04960919e+02	4.18736130e+02	5.86642022e+02	1.59395168e+01
2.89164508e+02	1.24090592e+01	1.38704760e+02	2.61518265e+02
1.66926463e+02	4.79689549e+00	3.21227379e+02	1.96849226e+02
-1.34792491e+02	-1.03315346e+02	-1.16474939e+02	2.11461644e+02]
[-4.44089210e-16	0.00000000e+00	0.00000000e+00	0.00000000e+00
-1.69100921e+01	1.00473951e+01	1.29646739e+01	1.40731465e+01
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-1.80786711e+01	3.72524510e+01	4.36759787e+01	4.37595297e+00
2.78964028e+01	5.79330530e+00	1.03857425e+01	2.58972289e+01
8.92477288e+00	6.46194495e+00	2.36799044e+01	2.31946354e+01
-1.81321729e+01	-1.11003473e+01	-1.49073906e+01	1.70680735e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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-5.27244096e+00	9.12057164e+01	-4.47157293e+01	4.60103261e+01
-7.86240745e+01	1.62092246e+02	2.38280137e+02	3.06758572e+00
1.08028584e+02	1.75295315e+00	6.22958516e+01	9.96437403e+01
6.45540494e+01	-5.87804023e+00	1.19840855e+02	6.90029030e+01
-4.42697674e+01	-3.54423565e+01	-3.07254883e+01	8.50689317e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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-1.03134251e+00	-7.98362932e+01	3.51573360e+01	-3.65514205e+01
6.10765523e+01	-1.30279202e+02	-2.01732403e+02	-3.52992518e+00
-8.12245198e+01	-5.14308991e+00	-5.55844838e+01	-8.62812183e+01
-5.82620726e+01	1.50248774e+00	-9.70415633e+01	-6.80029928e+01
3.96236463e+01	3.85205488e+01	3.72249685e+01	-6.87644625e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
4.26154350e+02	-4.53500575e+02	-3.40427819e+02	-2.83688359e+02
8.22989278e+00	-3.58346078e+02	1.73199661e+02	-1.57550674e+02
3.35232008e+02	-6.67139725e+02	-9.39370515e+02	-1.05132769e+01
-4.45453452e+02	-1.91979415e+01	-2.26092971e+02	-4.21395607e+02
-2.60777468e+02	1.97926543e+00	-5.04289137e+02	-3.11123131e+02
2.19972407e+02	1.64494125e+02	1.74071003e+02	-3.33192969e+02]
[-4.44089210e-16	0.00000000e+00	0.00000000e+00	0.00000000e+00
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6.77795302e+00	-1.29137620e+02	6.13942944e+01	-6.01344412e+01

1.19451534e+02 -2.42702963e+02 -3.45614309e+02 -4.33374799e+00
-1.61396428e+02 -7.18432933e+00 -8.43688381e+01 -1.54813344e+02
-1.00058384e+02 7.76135222e+00 -1.90487386e+02 -1.08271915e+02
7.26619724e+01 5.93174992e+01 6.23601266e+01 -1.21183575e+02]]
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4.77174184e+00 -9.30920393e-01 3.70753450e+00 2.82385484e+00
6.70162610e-01 2.38449209e+00 3.78515561e+00 -9.58596783e-01
-1.72966838e+00 1.67593386e+00 3.07845942e+00 2.62285135e+00]
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1.76404555e+01 -1.52127967e+01 6.10634401e+00 -1.29000548e+01
2.59857712e+01 -1.39073685e+01 -4.01527033e+01 2.73599536e+01
-2.91122711e+01 5.90875101e+00 -2.75657954e+01 -1.83180688e+01
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1.14963726e+01 -8.14662649e+00 -1.74807900e+01 -1.90087627e+01]
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-1.79805932e+01 4.23167270e+01 1.05492267e+02 3.81559913e+00
-6.63251967e+00 -4.60819885e+00 5.64726594e+01 7.47290400e+00
3.92459933e+01 -2.68126208e+01 4.91177638e+00 3.27210980e+01
-5.12843814e+00 -2.08548801e+01 -1.11212930e+01 3.24849301e+01]
[0.00000000e+00 0.00000000e+00 0.00000000e+00 1.94974642e+01
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1.88209605e+00 -3.33735660e+01 9.42762533e-01 -2.14692883e+01
1.54643102e+01 -3.32486044e+01 -6.59760858e+01 -1.69545043e+00
-8.06102206e+00 1.43221346e+00 -2.90475325e+01 -1.30714989e+01
-2.24096187e+01 1.09869946e+01 -1.41284431e+01 -2.07180988e+01
7.27293687e+00 1.24491222e+01 8.55441851e+00 -2.14543961e+01]
[-4.44089210e-16 0.00000000e+00 0.00000000e+00 0.00000000e+00
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2.78964028e+01 5.79330530e+00 1.03857425e+01 2.58972289e+01
8.92477288e+00 6.46194495e+00 2.36799044e+01 2.31946354e+01
-1.81321729e+01 -1.11003473e+01 -1.49073906e+01 1.70680735e+01]
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-1.39439177e+01 4.27187366e+00 3.76704952e+00 -7.84553822e+00]
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 4.63970986e+00 -1.43749405e+00 -1.06233262e+01 -1.16287965e+01
 4.46341375e+00 -9.60564758e+00 1.36547279e+01 -1.89599953e+01
 5.25635673e+00 1.17547958e+01 -4.78196858e+00 6.55219111e+00]

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2.59857712e+01	-1.39073685e+01	-4.01527033e+01	2.73599536e+01
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4.46341375e+00	-9.60564758e+00	1.36547279e+01	-1.89599953e+01
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7.28017306e+00	7.84325928e+00	4.45714508e+00	-3.18792225e+00
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3.85004478e+00	1.72096619e+01	1.19006267e+02	-5.87209969e+01
4.60194421e+01	6.94544940e+01	-9.77688342e+00	5.67257735e+01
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1.81850109e+01	1.45476562e+01	2.11984523e+01	1.14489113e+01
7.67230991e+00	-9.07304240e+00	-3.67719342e+01	1.28805768e+01]
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6.49826150e+01	1.01542681e+02	-1.33739575e+01	7.75993661e+01
5.43277835e+01	7.17022576e+01	7.78738033e+01	4.68035081e+01
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1.25695566e+00	-2.65260932e+01	-4.90315044e+01	7.31237913e+00]
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1.01278805e+02	3.53646383e+01	1.08427145e+02	-4.54866581e+01]
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7.00812611e+01 2.81190587e+01 6.71689851e+01 -3.47494246e+01]
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2.88276350e+01 -5.08818901e+00 -4.47209689e-02 -8.51212887e+00]
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5.74480928e+01 -1.31653410e+01 -1.17778458e+01 -7.95981558e-01
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6.73877603e+01 -6.07782051e+00 -5.40808096e+00 2.48951619e+01
-1.71859489e+00 5.81904747e+01 4.35182679e+01 5.62202326e+01
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7.00812611e+01	2.81190587e+01	6.71689851e+01	-3.47494246e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00

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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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-6.20573421e+00	-1.44050975e+02	-8.97719153e+01	-1.47560599e+02
1.76739093e+02	7.22831226e+01	1.64857470e+02	-8.17438792e+01]
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-1.62565794e+02	-6.72321050e+01	-1.56371235e+02	8.26815608e+01]
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8.29832957e+01	1.51813452e+03	9.39600430e+02	1.50837186e+03
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4.94568567e+01	-1.65684457e+02	-1.48614505e+02	-4.96582198e+01
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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0.00000000e+00	0.00000000e+00	7.97496744e+02	1.23973661e+02
5.81494563e+02	-1.77690933e+03	-1.41011158e+03	-5.59794891e+02

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-5.69748758e+01 -8.97803271e+02 -5.85101734e+02 -8.85837959e+02
1.08667999e+03 4.35711262e+02 1.03010351e+03 -5.35345251e+02]
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6.70162610e-01 2.38449209e+00 3.78515561e+00 -9.58596783e-01
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1.14963726e+01 -8.14662649e+00 -1.74807900e+01 -1.90087627e+01]
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3.92459933e+01 -2.68126208e+01 4.91177638e+00 3.27210980e+01
-5.12843814e+00 -2.08548801e+01 -1.11212930e+01 3.24849301e+01]
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5.93164319e+00	-3.24484096e+00	-9.26445431e+00	4.49244305e+00]
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	5.04875954e+01	-8.86885680e+00	-1.55441291e+02	-3.40997021e+01]
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[06-24 17:37:20][INFO]
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1.93775230e+03	-1.45440136e+02	-4.95707406e+03	-1.11593078e+03]
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0.00000000e+00	0.00000000e+00	0.00000000e+00	1.77635684e-15
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1.01368349e+03	-3.14095965e+03	5.13046666e+03	-4.97548659e+03
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1.14963726e+01	-8.14662649e+00	-1.74807900e+01	-1.90087627e+01]
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-5.12843814e+00	-2.08548801e+01	-1.11212930e+01	3.24849301e+01]
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1.88209605e+00	-3.33735660e+01	9.42762533e-01	-2.14692883e+01
1.54643102e+01	-3.32486044e+01	-6.59760858e+01	-1.69545043e+00
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7.27293687e+00	1.24491222e+01	8.55441851e+00	-2.14543961e+01]
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-3.89481524e-01	2.30457452e+01	-1.15925597e+01	1.53838518e+00
-1.80786711e+01	3.72524510e+01	4.36759787e+01	4.37595297e+00
2.78964028e+01	5.79330530e+00	1.03857425e+01	2.58972289e+01
8.92477288e+00	6.46194495e+00	2.36799044e+01	2.31946354e+01
-1.81321729e+01	-1.11003473e+01	-1.49073906e+01	1.70680735e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	2.79388763e+01	6.95025256e+00	-1.47375774e+01
-2.61507282e+00	-2.84288565e+01	1.64445117e+01	1.92695071e+01
1.29746544e+01	-2.63741681e+01	-1.97398151e+01	-4.10614928e+00
-3.36752628e+01	-1.85715124e+01	-1.51793668e+00	-3.05523808e+01
3.63705311e+00	-2.35942030e+01	-9.86080671e+00	-2.95778133e+01

	2.74854378e+01	1.32580091e+01	2.44325391e+01	-1.24423480e+01]
[	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	7.10542736e-15	-5.30846874e+00	2.04597883e+01
	4.63970986e+00	-1.43749405e+00	-1.06233262e+01	-1.16287965e+01
	4.46341375e+00	-9.60564758e+00	1.36547279e+01	-1.89599953e+01
	5.25635673e+00	1.17547958e+01	-4.78196858e+00	6.55219111e+00
	7.28017306e+00	7.84325928e+00	4.45714508e+00	-3.18792225e+00
	5.93164319e+00	-3.24484096e+00	-9.26445431e+00	4.49244305e+00]
[	-4.44089210e-16	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	8.49606193e+00
	2.37392926e+00	-5.82910557e+00	-1.14928256e+01	-5.40119138e+00
	-4.41214627e-01	4.81435089e+00	1.65859307e+01	-5.59165588e+00
	8.03198587e-01	7.72634650e+00	-8.98960227e-01	4.71227564e-01
	4.06751308e+00	7.60857287e+00	3.93099556e+00	1.02445121e+01
	-1.50299664e+00	-7.41789236e+00	-1.46857146e+01	4.74114253e+00]
[	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	1.42108547e-14	0.00000000e+00	0.00000000e+00
	2.35315686e+00	-7.52321940e+00	-2.01996124e+01	-2.80292552e+00
	-9.31315614e+00	3.37510739e+01	3.22719802e+01	1.01806082e+01
	6.03900509e+00	2.22514206e+00	-1.13726917e+00	-5.27517893e+00
	1.19760875e+00	2.11094067e+01	6.28277532e+00	2.55740765e+01
	-1.84429690e+01	-1.28609437e+01	-2.87397868e+01	1.09940625e+01]
[	0.00000000e+00	0.00000000e+00	-8.88178420e-16	-5.68434189e-14
	0.00000000e+00	1.42108547e-14	0.00000000e+00	0.00000000e+00
	0.00000000e+00	-1.34040166e+00	5.12408523e+01	8.04189012e+00
	3.73524933e+01	-1.15544153e+02	-9.07585883e+01	-3.75545546e+01
	-3.99277866e+01	-1.63640205e+00	1.23905405e+01	-9.43040927e+00
	-3.23687162e+00	-5.88228552e+01	-3.69262384e+01	-5.76814140e+01
	7.00812611e+01	2.81190587e+01	6.71689851e+01	-3.47494246e+01]
[	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	-4.97867553e+01	-8.08146928e+00
	-4.30111671e+01	1.07331685e+02	8.34326791e+01	2.81368467e+01
	4.88822444e+01	5.16622069e-01	-1.77849062e+01	1.84544006e+01
	6.80789792e+00	4.55636051e+01	5.24274439e+01	3.92813835e+01
	-7.28802382e+01	-2.66979306e+01	-4.75067506e+01	3.69837032e+01]
[	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	-2.80737210e-01
	9.22109144e+01	2.48939661e+01	4.33866568e+01	8.84274836e+01
	-1.53647695e+02	3.09235909e+01	7.26179425e+01	-1.16881573e+02
	-4.24140335e+01	1.31257125e+02	-2.15350063e+02	2.09378916e+02
	8.15528141e+01	-6.44129088e+00	-2.08137304e+02	-4.69808644e+01]
[	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	1.18652029e+02	9.12831068e+00	3.68648337e+01	1.11374609e+02
	-2.14762629e+02	4.71729347e+01	1.00923870e+02	-1.62716431e+02
	-5.08542867e+01	1.65032558e+02	-2.84042422e+02	2.68195299e+02
	1.16022039e+02	-6.55505270e+00	-2.60810742e+02	-6.35587030e+01]
[	-2.22044605e-16	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	2.27373675e-13	0.00000000e+00
	0.00000000e+00	4.17136786e+02	3.33590958e+02	5.13717665e+01

3.16205441e+02	-1.56433998e+02	-1.17396837e+02	1.75750223e+02
-6.95273353e+01	7.09567655e+01	1.15649555e+02	1.90823266e+01
-2.06588076e+02	-3.52102378e+01	-1.42838776e+02	5.68510529e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-5.68434189e-14	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	8.88178420e-16
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3.25378415e+02	-1.51713958e+02	-1.44007880e+02	2.23265818e+02
-7.02770265e+01	7.26423258e+01	1.32019563e+02	1.59488210e+01
-2.08509532e+02	-2.41799034e+01	-1.32403265e+02	5.98253040e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	2.84217094e-14
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	6.31449357e+02	5.10847451e+02	8.17611843e+01
4.53900800e+02	-2.16775950e+02	-1.82386843e+02	2.96595484e+02
-1.07331515e+02	1.29485377e+02	1.66991543e+02	5.78741073e+01
-2.93738525e+02	-5.09955128e+01	-2.14799477e+02	7.70733531e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-1.42108547e-14	0.00000000e+00	0.00000000e+00
1.77635684e-15	0.00000000e+00	0.00000000e+00	0.00000000e+00
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1.66329119e+02	-8.31907459e+01	-8.04805560e+01	1.01421439e+02
-3.80769711e+01	5.22366001e+01	6.39071657e+01	1.52323572e+01
-1.17717651e+02	-1.48371064e+01	-8.79085638e+01	2.84805889e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-8.29717075e+02	-6.87423739e+02	-8.43954229e+01
-6.29963724e+02	2.93194610e+02	2.52158190e+02	-4.06993481e+02
1.32960477e+02	-1.43324546e+02	-2.44557639e+02	-3.63599871e+01
3.99356531e+02	7.25133989e+01	2.73668927e+02	-1.08590540e+02]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	1.13686838e-13
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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1.02817165e+02	-5.09389699e+01	-2.75115291e+01	4.27259895e+01
-1.98145584e+01	2.96830185e+01	3.70187886e+01	-2.66079645e+00
-5.94983297e+01	-7.61192338e+00	-5.03275047e+01	1.69471348e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	1.77635684e-15	0.00000000e+00
4.44089210e-16	4.44089210e-16	0.00000000e+00	0.00000000e+00
0.00000000e+00	1.45360227e+02	1.21456651e+02	2.48304817e+01
1.02454241e+02	-4.43629117e+01	-4.83404300e+01	7.27631613e+01
-2.08790196e+01	3.07919937e+01	4.10747973e+01	1.27664621e+01
-6.48301133e+01	-1.04573281e+01	-5.23476849e+01	2.41247488e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-3.47768360e+02	-2.85570075e+02	-4.41787152e+01
-2.48888814e+02	1.12886078e+02	1.26493793e+02	-1.89699095e+02
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1.68131572e+02	2.59482943e+01	1.07123226e+02	-4.77691614e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00

0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	8.89805710e+01	7.10199615e+01	1.46970945e+01
7.88817746e+01	-3.40446910e+01	-2.81517904e+01	5.11686914e+01
-1.43112255e+01	1.18683061e+01	3.07448751e+01	1.01057900e+01
-4.49685880e+01	-7.16034219e+00	-2.53873572e+01	1.37983882e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	6.94610150e+02	5.66746452e+02	7.07693216e+01
5.34235411e+02	-2.48752059e+02	-2.13880200e+02	3.36535245e+02
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-3.38034865e+02	-5.66239803e+01	-2.32927159e+02	1.01043416e+02]
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	1.77635684e-15
0.00000000e+00	7.18396701e+02	5.85272200e+02	7.96134061e+01
5.44481940e+02	-2.53581967e+02	-2.27972299e+02	3.57832237e+02
-1.18931011e+02	1.13192703e+02	2.19451570e+02	1.75286440e+01
-3.50289255e+02	-5.54789022e+01	-2.14806234e+02	9.85392686e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
1.42108547e-14	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-4.44089210e-16	0.00000000e+00	-4.44089210e-16
0.00000000e+00	2.10514483e+02	1.59493132e+02	4.08874486e+01
1.36110964e+02	-6.86981372e+01	-5.20348273e+01	7.62551292e+01
-4.21224065e+01	5.74201041e+01	2.91655011e+01	3.62548471e+01
-8.80165877e+01	-8.92843979e+00	-8.36698666e+01	2.41785345e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-2.27373675e-13	-3.96660900e+02	-3.27802863e+02	-4.47428190e+01
-2.70575682e+02	1.30285755e+02	1.28270134e+02	-1.90490514e+02
6.24471053e+01	-7.70345570e+01	-1.07830531e+02	-3.22326760e+01
1.92420827e+02	2.84006908e+01	1.39176180e+02	-4.75986989e+01]
[0.00000000e+00	0.00000000e+00	-1.77635684e-15	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
1.77635684e-15	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-4.52906186e+02	-3.57593040e+02	-5.61812966e+01
-3.23733542e+02	1.63577265e+02	1.38416859e+02	-2.02889470e+02
7.46548543e+01	-9.36197366e+01	-1.14400286e+02	-2.32380729e+01
2.19971716e+02	3.39419840e+01	1.52664889e+02	-5.95900336e+01]]
[06-24 17:37:20][INFO]			
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-2.84324848e+00	1.58885470e+00	-1.06135594e+00	1.51232977e+00
-3.93406970e+00	1.57845305e+00	4.99413726e+00	-4.51787961e+00
4.77174184e+00	-9.30920393e-01	3.70753450e+00	2.82385484e+00
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-1.72966838e+00	1.67593386e+00	3.07845942e+00	2.62285135e+00]
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1.76404555e+01	-1.52127967e+01	6.10634401e+00	-1.29000548e+01
2.59857712e+01	-1.39073685e+01	-4.01527033e+01	2.73599536e+01
-2.91122711e+01	5.90875101e+00	-2.75657954e+01	-1.83180688e+01
-7.59108246e+00	-1.24853142e+01	-2.40985130e+01	2.72227082e+00

1.14963726e+01	-8.14662649e+00	-1.74807900e+01	-1.90087627e+01]
[0.00000000e+00	0.00000000e+00	-7.61958043e-01	-4.70514292e+01
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-3.52011164e+00	6.02260527e+01	7.80530382e+00	4.28176697e+01
-1.79805932e+01	4.23167270e+01	1.05492267e+02	3.81559913e+00
-6.63251967e+00	-4.60819885e+00	5.64726594e+01	7.47290400e+00
3.92459933e+01	-2.68126208e+01	4.91177638e+00	3.27210980e+01
-5.12843814e+00	-2.08548801e+01	-1.11212930e+01	3.24849301e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	1.94974642e+01
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1.88209605e+00	-3.33735660e+01	9.42762533e-01	-2.14692883e+01
1.54643102e+01	-3.32486044e+01	-6.59760858e+01	-1.69545043e+00
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7.27293687e+00	1.24491222e+01	8.55441851e+00	-2.14543961e+01]
[-4.44089210e-16	0.00000000e+00	0.00000000e+00	0.00000000e+00
-1.69100921e+01	1.00473951e+01	1.29646739e+01	1.40731465e+01
-3.89481524e-01	2.30457452e+01	-1.15925597e+01	1.53838518e+00
-1.80786711e+01	3.72524510e+01	4.36759787e+01	4.37595297e+00
2.78964028e+01	5.79330530e+00	1.03857425e+01	2.58972289e+01
8.92477288e+00	6.46194495e+00	2.36799044e+01	2.31946354e+01
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	2.79388763e+01	6.95025256e+00	-1.47375774e+01
-2.61507282e+00	-2.84288565e+01	1.64445117e+01	1.92695071e+01
1.29746544e+01	-2.63741681e+01	-1.97398151e+01	-4.10614928e+00
-3.36752628e+01	-1.85715124e+01	-1.51793668e+00	-3.05523808e+01
3.63705311e+00	-2.35942030e+01	-9.86080671e+00	-2.95778133e+01
2.74854378e+01	1.32580091e+01	2.44325391e+01	-1.24423480e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	7.10542736e-15	-5.30846874e+00	2.04597883e+01
4.63970986e+00	-1.43749405e+00	-1.06233262e+01	-1.16287965e+01
4.46341375e+00	-9.60564758e+00	1.36547279e+01	-1.89599953e+01
5.25635673e+00	1.17547958e+01	-4.78196858e+00	6.55219111e+00
7.28017306e+00	7.84325928e+00	4.45714508e+00	-3.18792225e+00
5.93164319e+00	-3.24484096e+00	-9.26445431e+00	4.49244305e+00]
[-4.44089210e-16	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	8.49606193e+00
2.37392926e+00	-5.82910557e+00	-1.14928256e+01	-5.40119138e+00
-4.41214627e-01	4.81435089e+00	1.65859307e+01	-5.59165588e+00
8.03198587e-01	7.72634650e+00	-8.98960227e-01	4.71227564e-01
4.06751308e+00	7.60857287e+00	3.93099556e+00	1.02445121e+01
-1.50299664e+00	-7.41789236e+00	-1.46857146e+01	4.74114253e+00]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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-4.49685880e+01	-7.16034219e+00	-2.53873572e+01	1.37983882e+01]
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1.06143352e+01	1.07111603e+01	-8.69522515e+00	-7.41176762e+00]
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1.16022039e+02	-6.55505270e+00	-2.60810742e+02	-6.35587030e+01]
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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1.77635684e-15	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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	-4.49028605e+01	-4.44337999e+01	-1.84389053e+02	2.31133920e+02
	-1.89788185e+02	-3.06658368e+02	-3.10396016e+02	2.19347992e+01]
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	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	1.00511651e+02	-6.45578872e+01	9.71015047e+01	-1.24881665e+02
	-6.34353510e+00	-6.12776382e+00	-1.71095099e+01	4.97753616e+01
	-3.65900391e+01	-5.75308518e+01	-5.72130275e+01	7.43280063e+00]
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	0.00000000e+00	0.00000000e+00	1.77635684e-15	0.00000000e+00
	4.44089210e-16	4.44089210e-16	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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	1.11196415e+01	2.57282419e+01	2.27043144e+01	-6.58707302e+01
	5.17997726e+01	7.35540682e+01	5.29376698e+01	-4.76270313e+00]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	1.43430551e+02	-1.13266041e+02	1.82147197e+02	-2.56133003e+02
	-1.97953198e+01	-5.88039404e+00	-5.60605736e+01	8.79819089e+01
	-6.34033107e+01	-1.02635726e+02	-9.92399578e+01	8.43745892e+00]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	2.84217094e-14
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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	6.97092757e+00	4.05371772e+01	2.19486873e+01	-4.43632818e+01
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	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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	2.11108490e+01	1.92021286e+01	1.10075766e+02	-9.64863674e+01
	8.65464537e+01	1.45128539e+02	1.52131719e+02	1.27353759e+00]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	1.77635684e-15
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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	1.86997410e+01	9.20056451e+00	9.79782062e+01	-1.17006583e+02
	8.53244152e+01	1.44066396e+02	1.67075090e+02	-6.81408328e+00]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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	0.00000000e+00	-4.44089210e-16	0.00000000e+00	-4.44089210e-16
	0.00000000e+00	-2.84217094e-14	0.00000000e+00	0.00000000e+00
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 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
 1.77635684e-15  0.00000000e+00  0.00000000e+00  0.00000000e+00
 0.00000000e+00  5.68434189e-14  0.00000000e+00  0.00000000e+00
-5.53398629e+01  5.20380612e+01 -8.39365832e+01  1.22633109e+02
 6.55062878e+00 -5.51375807e+00  3.96735839e+01 -5.28887435e+01
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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[-	2.22044605e-16	0.00000000e+00	0.00000000e+00	0.00000000e+00
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	-3.37559858e+00	4.10145389e+01	-5.93549759e+01	-8.60600995e+01
	2.26385543e+01	1.69410838e+01	-3.89103267e+01	-2.06946408e+01]
[0.00000000e+00	0.00000000e+00	-1.77635684e-15	0.00000000e+00
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	1.77635684e-15	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	5.68434189e-14	0.00000000e+00	0.00000000e+00
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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	-1.11214353e+00	3.03530254e+01	3.43801088e+00	5.82548950e+00]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	1.13686838e-13
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	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	2.99568289e+01	-5.53492620e+01	9.78521026e+01
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	1.77635684e-15	0.00000000e+00
	4.44089210e-16	4.44089210e-16	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	-3.15658391e+01	6.71793181e+01	-1.20284671e+02
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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-1.09828710e+01 -5.81239791e+01 -6.26635781e+01 -1.06732299e+01]
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6.33327013e+00 3.16406284e+01 2.05760350e+01 2.28254734e+01
1.51929716e+01 1.76776125e+01 3.34460060e+01 7.36575436e+00]
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0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
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1.80913257e+00 -5.10782631e+00 2.81600634e+01 3.16517633e-01]
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-1.42556311e+01 7.19408853e+00 -5.47273620e+01 2.92351605e+01
-6.19180268e+00 -3.24458767e+01 -6.52902633e+01 -5.46976763e+00]
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1.67452174e+00 -5.09417387e+01 6.88845288e+01 -8.69902390e+01
2.39874945e+01 5.11297154e+01 5.52106095e+01 6.72688750e+00]
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[06-24 17:37:20][INFO]
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1.14963726e+01	-8.14662649e+00	-1.74807900e+01	-1.90087627e+01]
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-1.79805932e+01	4.23167270e+01	1.05492267e+02	3.81559913e+00
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5.93164319e+00	-3.24484096e+00	-9.26445431e+00	4.49244305e+00]
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	3.73524933e+01	-1.15544153e+02	-9.07585883e+01	-3.75545546e+01
	-3.99277866e+01	-1.63640205e+00	1.23905405e+01	-9.43040927e+00
	-3.23687162e+00	-5.88228552e+01	-3.69262384e+01	-5.76814140e+01
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	0.00000000e+00	0.00000000e+00	-4.97867553e+01	-8.08146928e+00
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	4.88822444e+01	5.16622069e-01	-1.77849062e+01	1.84544006e+01
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	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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	1.16022039e+02	-6.55505270e+00	-2.60810742e+02	-6.35587030e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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	-1.43112255e+01	1.18683061e+01	3.07448751e+01	1.01057900e+01
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	3.16296856e+01	5.64966506e+01	5.26111927e+01	-2.70056758e+00]
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	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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	-1.11214353e+00	3.03530254e+01	3.43801088e+00	5.82548950e+00]
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	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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	1.08740801e+03	1.43392325e+04	-9.64908550e+03	1.56145017e+04
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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	4.44089210e-16	4.44089210e-16	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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	-2.34165732e+02	5.88912749e+03	6.11712085e+02	1.14067876e+03]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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	1.67495771e+02	-4.02060938e+03	-4.23246250e+02	-7.78620339e+02]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	2.84217094e-14
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	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	-3.55271368e-15	2.28544634e+03	-1.28049311e+04
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	3.55271368e-15	-2.02081534e+03	1.14167833e+04
	1.01383300e+03	1.34003925e+04	-9.01651420e+03	1.46072697e+04
	2.07473843e+02	-5.23012181e+03	-5.60959042e+02	-9.99815574e+02]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	1.77635684e-15
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	-6.95582841e+02	3.92131206e+03
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	1.42108547e-14	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	-4.44089210e-16	0.00000000e+00	-4.44089210e-16

0.00000000e+00	-2.84217094e-14	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	2.06549598e+03	-1.15556841e+04
-1.03200489e+03	-1.34975611e+04	9.07429925e+03	-1.47035800e+04
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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0.00000000e+00	0.00000000e+00	-2.08183708e+03	1.17618915e+04
1.04451870e+03	1.37868039e+04	-9.28523900e+03	1.50090960e+04
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-1.42108547e-14	0.00000000e+00	0.00000000e+00
1.77635684e-15	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	1.81062946e+03	-1.02594399e+04
-9.09238054e+02	-1.20132724e+04	8.09401754e+03	-1.30953257e+04
-1.89179266e+02	4.69302551e+03	4.90401479e+02	9.01521582e+02]]
[06-24 17:37:20][INFO]			
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1.88209605e+00	-3.33735660e+01	9.42762533e-01	-2.14692883e+01
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7.27293687e+00	1.24491222e+01	8.55441851e+00	-2.14543961e+01]
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1.78680026e+01 -1.07089263e+01 -5.71687800e+01 -1.22045591e+01]
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[06-24 17:37:20][INFO]
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1.54643102e+01 -3.32486044e+01 -6.59760858e+01 -1.69545043e+00
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7.27293687e+00 1.24491222e+01 8.55441851e+00 -2.14543961e+01]
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6.03900509e+00 2.22514206e+00 -1.13726917e+00 -5.27517893e+00]

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9.22109144e+01	2.48939661e+01	4.33866568e+01	8.84274836e+01
-1.53647695e+02	3.09235909e+01	7.26179425e+01	-1.16881573e+02
-4.24140335e+01	1.31257125e+02	-2.15350063e+02	2.09378916e+02
8.15528141e+01	-6.44129088e+00	-2.08137304e+02	-4.69808644e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00

1.18652029e+02	9.12831068e+00	3.68648337e+01	1.11374609e+02
-2.14762629e+02	4.71729347e+01	1.00923870e+02	-1.62716431e+02
-5.08542867e+01	1.65032558e+02	-2.84042422e+02	2.68195299e+02
1.16022039e+02	-6.55505270e+00	-2.60810742e+02	-6.35587030e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	8.89805710e+01	7.10199615e+01	1.46970945e+01
7.88817746e+01	-3.40446910e+01	-2.81517904e+01	5.11686914e+01
-1.43112255e+01	1.18683061e+01	3.07448751e+01	1.01057900e+01
-4.49685880e+01	-7.16034219e+00	-2.53873572e+01	1.37983882e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-5.68434189e-14	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	8.88178420e-16
0.00000000e+00	-5.68434189e-14	-3.76179855e-01	-1.43527575e+01
-5.89983294e+01	1.41797175e+01	-6.82925237e+00	-2.60700415e+01
-5.40990513e-01	1.48101981e+01	-1.77947011e+01	-3.32948818e+01
1.06143352e+01	1.07111603e+01	-8.69522515e+00	-7.41176762e+00]
[-2.22044605e-16	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	2.27373675e-13	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-4.24297074e+01
-1.55951345e+02	2.77678843e+01	2.72862819e+00	-1.09358008e+02
-3.37559858e+00	4.10145389e+01	-5.93549759e+01	-8.60600995e+01
2.26385543e+01	1.69410838e+01	-3.89103267e+01	-2.06946408e+01]
[0.00000000e+00	0.00000000e+00	-1.77635684e-15	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
1.77635684e-15	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	5.68434189e-14	0.00000000e+00	0.00000000e+00
-5.53398629e+01	5.20380612e+01	-8.39365832e+01	1.22633109e+02
6.55062878e+00	-5.51375807e+00	3.96735839e+01	-5.28887435e+01
3.16296856e+01	5.64966506e+01	5.26111927e+01	-2.70056758e+00]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	1.61360386e-01	1.13300182e+01	-6.52699416e+01
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-1.11214353e+00	3.03530254e+01	3.43801088e+00	5.82548950e+00]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	1.77635684e-15
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	-6.95582841e+02	3.92131206e+03
3.45555881e+02	4.59039957e+03	-3.09376165e+03	5.00455087e+03
6.74904777e+01	-1.79770697e+03	-1.74883135e+02	-3.43727193e+02]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	1.77635684e-15	0.00000000e+00
4.44089210e-16	4.44089210e-16	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-1.49587513e+01
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-1.25949258e+01	-1.27329820e+01	3.75718716e+01	1.22245897e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00

0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	3.55271368e-15	0.00000000e+00	0.00000000e+00
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	2.84217094e-14
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-3.55271368e-15	0.00000000e+00	0.00000000e+00
0.00000000e+00	-4.29441437e+02	2.02147752e+02	-3.72484098e+02
4.57115296e+01	2.30191887e+02	1.18704691e+02	-1.82229312e+02]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-1.54272783e+02	7.57813386e+01	-1.58257455e+02
2.48822073e+01	1.01147568e+02	4.40658900e+01	-7.18543418e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	1.13686838e-13
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-3.55271368e-15	0.00000000e+00	0.00000000e+00
0.00000000e+00	-5.37017346e+01	2.12212480e+01	-6.68625496e+01
4.38860031e+00	2.60195164e+01	3.32713449e+01	-2.53249328e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
1.42108547e-14	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-4.44089210e-16	0.00000000e+00	-4.44089210e-16
0.00000000e+00	-2.84217094e-14	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-4.42382079e+02	1.89887981e+02	-3.85802813e+02
5.27967346e+01	2.43990167e+02	1.17699214e+02	-1.95305948e+02]
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-2.27373675e-13	0.00000000e+00	0.00000000e+00	5.68434189e-14
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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9.27498341e+00	7.90370602e+00	1.84692168e+01	-6.10353884e+00]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-1.42108547e-14	0.00000000e+00	0.00000000e+00
1.77635684e-15	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	-2.27373675e-13	0.00000000e+00
0.00000000e+00	1.65788852e+02	-7.39323908e+01	1.57080347e+02
-1.48195801e+01	-8.01521007e+01	-5.29963478e+01	5.61191196e+01]]
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-2.84324848e+00	1.58885470e+00	-1.06135594e+00	1.51232977e+00
-3.93406970e+00	1.57845305e+00	4.99413726e+00	-4.51787961e+00
4.77174184e+00	-9.30920393e-01	3.70753450e+00	2.82385484e+00

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-1.72966838e+00	1.67593386e+00	3.07845942e+00	2.62285135e+00]
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2.59857712e+01	-1.39073685e+01	-4.01527033e+01	2.73599536e+01
-2.91122711e+01	5.90875101e+00	-2.75657954e+01	-1.83180688e+01
-7.59108246e+00	-1.24853142e+01	-2.40985130e+01	2.72227082e+00
1.14963726e+01	-8.14662649e+00	-1.74807900e+01	-1.90087627e+01]
[0.00000000e+00	0.00000000e+00	-7.61958043e-01	-4.70514292e+01
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-3.52011164e+00	6.02260527e+01	7.80530382e+00	4.28176697e+01
-1.79805932e+01	4.23167270e+01	1.05492267e+02	3.81559913e+00
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3.92459933e+01	-2.68126208e+01	4.91177638e+00	3.27210980e+01
-5.12843814e+00	-2.08548801e+01	-1.11212930e+01	3.24849301e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	1.94974642e+01
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1.88209605e+00	-3.33735660e+01	9.42762533e-01	-2.14692883e+01
1.54643102e+01	-3.32486044e+01	-6.59760858e+01	-1.69545043e+00
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7.27293687e+00	1.24491222e+01	8.55441851e+00	-2.14543961e+01]
[-4.44089210e-16	0.00000000e+00	0.00000000e+00	0.00000000e+00
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-3.89481524e-01	2.30457452e+01	-1.15925597e+01	1.53838518e+00
-1.80786711e+01	3.72524510e+01	4.36759787e+01	4.37595297e+00
2.78964028e+01	5.79330530e+00	1.03857425e+01	2.58972289e+01
8.92477288e+00	6.46194495e+00	2.36799044e+01	2.31946354e+01
-1.81321729e+01	-1.11003473e+01	-1.49073906e+01	1.70680735e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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-3.36752628e+01	-1.85715124e+01	-1.51793668e+00	-3.05523808e+01
3.63705311e+00	-2.35942030e+01	-9.86080671e+00	-2.95778133e+01
2.74854378e+01	1.32580091e+01	2.44325391e+01	-1.24423480e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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4.63970986e+00	-1.43749405e+00	-1.06233262e+01	-1.16287965e+01
4.46341375e+00	-9.60564758e+00	1.36547279e+01	-1.89599953e+01
5.25635673e+00	1.17547958e+01	-4.78196858e+00	6.55219111e+00
7.28017306e+00	7.84325928e+00	4.45714508e+00	-3.18792225e+00
5.93164319e+00	-3.24484096e+00	-9.26445431e+00	4.49244305e+00]
[-4.44089210e-16	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	8.49606193e+00
2.37392926e+00	-5.82910557e+00	-1.14928256e+01	-5.40119138e+00
-4.41214627e-01	4.81435089e+00	1.65859307e+01	-5.59165588e+00
8.03198587e-01	7.72634650e+00	-8.98960227e-01	4.71227564e-01
4.06751308e+00	7.60857287e+00	3.93099556e+00	1.02445121e+01
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	1.42108547e-14	0.00000000e+00	0.00000000e+00
2.35315686e+00	-7.52321940e+00	-2.01996124e+01	-2.80292552e+00

-9.31315614e+00	3.37510739e+01	3.22719802e+01	1.01806082e+01
6.03900509e+00	2.22514206e+00	-1.13726917e+00	-5.27517893e+00
1.19760875e+00	2.11094067e+01	6.28277532e+00	2.55740765e+01
-1.84429690e+01	-1.28609437e+01	-2.87397868e+01	1.09940625e+01]
[0.00000000e+00	0.00000000e+00	-8.88178420e-16	-5.68434189e-14
0.00000000e+00	1.42108547e-14	0.00000000e+00	0.00000000e+00
0.00000000e+00	-1.34040166e+00	5.12408523e+01	8.04189012e+00
3.73524933e+01	-1.15544153e+02	-9.07585883e+01	-3.75545546e+01
-3.99277866e+01	-1.63640205e+00	1.23905405e+01	-9.43040927e+00
-3.23687162e+00	-5.88228552e+01	-3.69262384e+01	-5.76814140e+01
7.00812611e+01	2.81190587e+01	6.71689851e+01	-3.47494246e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	-4.97867553e+01	-8.08146928e+00
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4.88822444e+01	5.16622069e-01	-1.77849062e+01	1.84544006e+01
6.80789792e+00	4.55636051e+01	5.24274439e+01	3.92813835e+01
-7.28802382e+01	-2.66979306e+01	-4.75067506e+01	3.69837032e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-2.80737210e-01
9.22109144e+01	2.48939661e+01	4.33866568e+01	8.84274836e+01
-1.53647695e+02	3.09235909e+01	7.26179425e+01	-1.16881573e+02
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8.15528141e+01	-6.44129088e+00	-2.08137304e+02	-4.69808644e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
1.18652029e+02	9.12831068e+00	3.68648337e+01	1.11374609e+02
-2.14762629e+02	4.71729347e+01	1.00923870e+02	-1.62716431e+02
-5.08542867e+01	1.65032558e+02	-2.84042422e+02	2.68195299e+02
1.16022039e+02	-6.55505270e+00	-2.60810742e+02	-6.35587030e+01]
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	8.89805710e+01	7.10199615e+01	1.46970945e+01
7.88817746e+01	-3.40446910e+01	-2.81517904e+01	5.11686914e+01
-1.43112255e+01	1.18683061e+01	3.07448751e+01	1.01057900e+01
-4.49685880e+01	-7.16034219e+00	-2.53873572e+01	1.37983882e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-5.68434189e-14	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	8.88178420e-16
0.00000000e+00	-5.68434189e-14	-3.76179855e-01	-1.43527575e+01
-5.89983294e+01	1.41797175e+01	-6.82925237e+00	-2.60700415e+01
-5.40990513e-01	1.48101981e+01	-1.77947011e+01	-3.32948818e+01
1.06143352e+01	1.07111603e+01	-8.69522515e+00	-7.41176762e+00]
[-2.22044605e-16	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	2.27373675e-13	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-4.24297074e+01
-1.55951345e+02	2.77678843e+01	2.72862819e+00	-1.09358008e+02
-3.37559858e+00	4.10145389e+01	-5.93549759e+01	-8.60600995e+01
2.26385543e+01	1.69410838e+01	-3.89103267e+01	-2.06946408e+01]
[0.00000000e+00	0.00000000e+00	-1.77635684e-15	0.00000000e+00

0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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3.16296856e+01	5.64966506e+01	5.26111927e+01	-2.70056758e+00]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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0.00000000e+00	0.00000000e+00	0.00000000e+00	1.77635684e-15
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	1.77635684e-15	0.00000000e+00
4.44089210e-16	4.44089210e-16	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-1.49587513e+01
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-1.25949258e+01	-1.27329820e+01	3.75718716e+01	1.22245897e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	3.55271368e-15	0.00000000e+00	0.00000000e+00
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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9.27498341e+00	7.90370602e+00	1.84692168e+01	-6.10353884e+00]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-3.55271368e-15	0.00000000e+00	0.00000000e+00
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0.00000000e+00	-4.44089210e-16	0.00000000e+00	-4.44089210e-16
0.00000000e+00	-2.84217094e-14	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	9.33924330e+01	5.25988149e+02
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-3.55271368e-15	0.00000000e+00	0.00000000e+00
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-1.55538602e+02	5.86959598e+01	-2.82043445e+02	-4.97937121e+01]
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1.77635684e-15	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	-2.27373675e-13	0.00000000e+00
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1.76404555e+01	-1.52127967e+01	6.10634401e+00	-1.29000548e+01
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-2.91122711e+01	5.90875101e+00	-2.75657954e+01	-1.83180688e+01
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1.14963726e+01	-8.14662649e+00	-1.74807900e+01	-1.90087627e+01]
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1.54643102e+01	-3.32486044e+01	-6.59760858e+01	-1.69545043e+00
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-1.80786711e+01	3.72524510e+01	4.36759787e+01	4.37595297e+00
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8.92477288e+00	6.46194495e+00	2.36799044e+01	2.31946354e+01
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1.29746544e+01	-2.63741681e+01	-1.97398151e+01	-4.10614928e+00
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3.63705311e+00	-2.35942030e+01	-9.86080671e+00	-2.95778133e+01
2.74854378e+01	1.32580091e+01	2.44325391e+01	-1.24423480e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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5.93164319e+00	-3.24484096e+00	-9.26445431e+00	4.49244305e+00]
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-9.31315614e+00	3.37510739e+01	3.22719802e+01	1.01806082e+01
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-3.99277866e+01	-1.63640205e+00	1.23905405e+01	-9.43040927e+00
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7.00812611e+01	2.81190587e+01	6.71689851e+01	-3.47494246e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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6.80789792e+00	4.55636051e+01	5.24274439e+01	3.92813835e+01
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00

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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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1.06143352e+01	1.07111603e+01	-8.69522515e+00	-7.41176762e+00]
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0.00000000e+00	0.00000000e+00	2.27373675e-13	0.00000000e+00
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2.26385543e+01	1.69410838e+01	-3.89103267e+01	-2.06946408e+01]
[0.00000000e+00	0.00000000e+00	-1.77635684e-15	0.00000000e+00
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1.77635684e-15	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	5.68434189e-14	0.00000000e+00	0.00000000e+00
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6.55062878e+00	-5.51375807e+00	3.96735839e+01	-5.28887435e+01
3.16296856e+01	5.64966506e+01	5.26111927e+01	-2.70056758e+00]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	1.61360386e-01	1.13300182e+01	-6.52699416e+01
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	-6.95582841e+02	3.92131206e+03
3.45555881e+02	4.59039957e+03	-3.09376165e+03	5.00455087e+03
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	1.77635684e-15	0.00000000e+00
4.44089210e-16	4.44089210e-16	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-1.49587513e+01
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 9.27498341e+00 7.90370602e+00 1.84692168e+01 -6.10353884e+00]
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-2.07777675e+01 4.57391766e+00 -1.68422869e+01 -8.76383547e+00]
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 4.46573669e+01 1.92709064e+01 -2.52659921e+01 1.45570180e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 1.42108547e-14 0.00000000e+00 0.00000000e+00 0.00000000e+00
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 0.00000000e+00 -2.84217094e-14 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
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 4.95840470e+01 2.23964435e+01 -1.29681656e+02 2.72083517e+01]
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 0.00000000e+00 0.00000000e+00 0.00000000e+00 -1.05393301e+01
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6.70162610e-01	2.38449209e+00	3.78515561e+00	-9.58596783e-01
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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	0.00000000e+00	0.00000000e+00	0.00000000e+00	1.77635684e-15
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	3.45555881e+02	4.59039957e+03	-3.09376165e+03	5.00455087e+03
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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	4.44089210e-16	4.44089210e-16	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	-2.27373675e-13	0.00000000e+00	0.00000000e+00	5.68434189e-14
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	-1.97916005e+01	4.31708568e+00	-4.07923452e+01
	9.27498341e+00	7.90370602e+00	1.84692168e+01	-6.10353884e+00]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	1.13686838e-13
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	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	-3.55271368e-15	0.00000000e+00	0.00000000e+00
	0.00000000e+00	7.10542736e-15	9.50744098e+00	4.38217631e+01
	-2.07777675e+01	4.57391766e+00	-1.68422869e+01	-8.76383547e+00]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	-1.42108547e-14	0.00000000e+00	0.00000000e+00
	1.77635684e-15	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00

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0.00000000e+00 0.00000000e+00 -2.27373675e-13 0.00000000e+00
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0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
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0.00000000e+00 -3.55271368e-15 0.00000000e+00 0.00000000e+00
0.00000000e+00 5.68434189e-14 0.00000000e+00 0.00000000e+00
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[06-24 17:37:20][INFO]
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3.63705311e+00	-2.35942030e+01	-9.86080671e+00	-2.95778133e+01
2.74854378e+01	1.32580091e+01	2.44325391e+01	-1.24423480e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	7.10542736e-15	-5.30846874e+00	2.04597883e+01
4.63970986e+00	-1.43749405e+00	-1.06233262e+01	-1.16287965e+01
4.46341375e+00	-9.60564758e+00	1.36547279e+01	-1.89599953e+01
5.25635673e+00	1.17547958e+01	-4.78196858e+00	6.55219111e+00
7.28017306e+00	7.84325928e+00	4.45714508e+00	-3.18792225e+00
5.93164319e+00	-3.24484096e+00	-9.26445431e+00	4.49244305e+00]
[-4.44089210e-16	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	8.49606193e+00
2.37392926e+00	-5.82910557e+00	-1.14928256e+01	-5.40119138e+00
-4.41214627e-01	4.81435089e+00	1.65859307e+01	-5.59165588e+00
8.03198587e-01	7.72634650e+00	-8.98960227e-01	4.71227564e-01
4.06751308e+00	7.60857287e+00	3.93099556e+00	1.02445121e+01

-1.50299664e+00	-7.41789236e+00	-1.46857146e+01	4.74114253e+00]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	1.42108547e-14	0.00000000e+00	0.00000000e+00
2.35315686e+00	-7.52321940e+00	-2.01996124e+01	-2.80292552e+00
-9.31315614e+00	3.37510739e+01	3.22719802e+01	1.01806082e+01
6.03900509e+00	2.22514206e+00	-1.13726917e+00	-5.27517893e+00
1.19760875e+00	2.11094067e+01	6.28277532e+00	2.55740765e+01
-1.84429690e+01	-1.28609437e+01	-2.87397868e+01	1.09940625e+01]
[0.00000000e+00	0.00000000e+00	-8.88178420e-16	-5.68434189e-14
0.00000000e+00	1.42108547e-14	0.00000000e+00	0.00000000e+00
0.00000000e+00	-1.34040166e+00	5.12408523e+01	8.04189012e+00
3.73524933e+01	-1.15544153e+02	-9.07585883e+01	-3.75545546e+01
-3.99277866e+01	-1.63640205e+00	1.23905405e+01	-9.43040927e+00
-3.23687162e+00	-5.88228552e+01	-3.69262384e+01	-5.76814140e+01
7.00812611e+01	2.81190587e+01	6.71689851e+01	-3.47494246e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	-4.97867553e+01	-8.08146928e+00
-4.30111671e+01	1.07331685e+02	8.34326791e+01	2.81368467e+01
4.88822444e+01	5.16622069e-01	-1.77849062e+01	1.84544006e+01
6.80789792e+00	4.55636051e+01	5.24274439e+01	3.92813835e+01
-7.28802382e+01	-2.66979306e+01	-4.75067506e+01	3.69837032e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-2.80737210e-01
9.22109144e+01	2.48939661e+01	4.33866568e+01	8.84274836e+01
-1.53647695e+02	3.09235909e+01	7.26179425e+01	-1.16881573e+02
-4.24140335e+01	1.31257125e+02	-2.15350063e+02	2.09378916e+02
8.15528141e+01	-6.44129088e+00	-2.08137304e+02	-4.69808644e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
1.18652029e+02	9.12831068e+00	3.68648337e+01	1.11374609e+02
-2.14762629e+02	4.71729347e+01	1.00923870e+02	-1.62716431e+02
-5.08542867e+01	1.65032558e+02	-2.84042422e+02	2.68195299e+02
1.16022039e+02	-6.55505270e+00	-2.60810742e+02	-6.35587030e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	8.89805710e+01	7.10199615e+01	1.46970945e+01
7.88817746e+01	-3.40446910e+01	-2.81517904e+01	5.11686914e+01
-1.43112255e+01	1.18683061e+01	3.07448751e+01	1.01057900e+01
-4.49685880e+01	-7.16034219e+00	-2.53873572e+01	1.37983882e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-5.68434189e-14	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	8.88178420e-16
0.00000000e+00	-5.68434189e-14	-3.76179855e-01	-1.43527575e+01
-5.89983294e+01	1.41797175e+01	-6.82925237e+00	-2.60700415e+01
-5.40990513e-01	1.48101981e+01	-1.77947011e+01	-3.32948818e+01
1.06143352e+01	1.07111603e+01	-8.69522515e+00	-7.41176762e+00]
[-2.22044605e-16	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	2.27373675e-13	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-4.24297074e+01

-1.55951345e+02	2.77678843e+01	2.72862819e+00	-1.09358008e+02
-3.37559858e+00	4.10145389e+01	-5.93549759e+01	-8.60600995e+01
2.26385543e+01	1.69410838e+01	-3.89103267e+01	-2.06946408e+01]
[0.00000000e+00	0.00000000e+00	-1.77635684e-15	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
1.77635684e-15	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	5.68434189e-14	0.00000000e+00	0.00000000e+00
-5.53398629e+01	5.20380612e+01	-8.39365832e+01	1.22633109e+02
6.55062878e+00	-5.51375807e+00	3.96735839e+01	-5.28887435e+01
3.16296856e+01	5.64966506e+01	5.26111927e+01	-2.70056758e+00]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	1.61360386e-01	1.13300182e+01	-6.52699416e+01
-5.82733114e+00	-7.73242327e+01	5.22701055e+01	-8.43557406e+01
-1.11214353e+00	3.03530254e+01	3.43801088e+00	5.82548950e+00]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	1.77635684e-15
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	-6.95582841e+02	3.92131206e+03
3.4555881e+02	4.59039957e+03	-3.09376165e+03	5.00455087e+03
6.74904777e+01	-1.79770697e+03	-1.74883135e+02	-3.43727193e+02]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	1.77635684e-15	0.00000000e+00
4.44089210e-16	4.44089210e-16	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-1.49587513e+01
-8.55073700e+00	-1.85107186e+01	5.35057978e+00	-2.35236640e+01
-1.25949258e+01	-1.27329820e+01	3.75718716e+01	1.22245897e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	3.55271368e-15	0.00000000e+00	0.00000000e+00
-4.10868163e+00	3.39408295e+01	-1.97035543e+01	2.93964629e+01
-9.26408683e+00	-2.82929847e+01	8.75560086e+00	1.88408747e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-2.27373675e-13	0.00000000e+00	0.00000000e+00	5.68434189e-14
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-1.97916005e+01	4.31708568e+00	-4.07923452e+01
9.27498341e+00	7.90370602e+00	1.84692168e+01	-6.10353884e+00]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	1.13686838e-13
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-3.55271368e-15	0.00000000e+00	0.00000000e+00
0.00000000e+00	7.10542736e-15	9.50744098e+00	4.38217631e+01
-2.07777675e+01	4.57391766e+00	-1.68422869e+01	-8.76383547e+00]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-1.42108547e-14	0.00000000e+00	0.00000000e+00

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1.77635684e-15 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 -2.27373675e-13 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 -1.05393301e+01
-1.96674992e+01 4.22547714e+00 3.48074472e+01 -2.98238498e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 2.84217094e-14
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 -3.55271368e-15 0.00000000e+00 0.00000000e+00
0.00000000e+00 5.68434189e-14 0.00000000e+00 0.00000000e+00
5.79154474e+01 1.15823315e+01 -4.80980460e+01 1.43957381e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 -1.63469131e+01 -4.86059919e+01 8.50190826e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
1.42108547e-14 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 -4.44089210e-16 0.00000000e+00 -4.44089210e-16
0.00000000e+00 -2.84217094e-14 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 -1.78047022e+02 2.38382670e+02]]
n = 27: 0.189895 segundos
[06-24 17:37:20][INFO]
[[-1.23721903e-01 -4.22350665e+00 -9.24569690e-01 ... 1.40476042e+00
4.78981115e+00 1.03493096e+00]
[ 0.00000000e+00 3.73592527e+01 5.03647584e+00 ... -1.19466745e+01
-4.78472149e+01 -6.71625341e+00]
[ 0.00000000e+00 -1.19896084e+02 -2.28157949e+01 ... 4.23935035e+01
1.42513205e+02 2.68292359e+01]
...
[ 0.00000000e+00 1.23843583e+02 2.96558953e+01 ... -4.11872212e+01
-1.38594976e+02 -3.07185931e+01]
[ 0.00000000e+00 1.52356818e+02 3.35396228e+01 ... -4.92133069e+01
-1.79959388e+02 -3.83836670e+01]
[ 0.00000000e+00 -7.70585226e+01 -1.49096647e+01 ... 2.35069493e+01
8.34500434e+01 2.08060038e+01]]
[06-24 17:37:20][INFO]
[[ -0.1237219 -4.22350665 -0.92456969 ... 1.40476042 4.78981115
1.03493096]
[ 0. 8.21647856 0.33958586 ... -2.14412312 -11.02081014
-2.28526534]
[ 0. 0. -17.86050724 ... 11.10613834 -18.3041051
-6.51769774]
...
[ 0. 0. 24.53745808 ... -8.86974021 27.51713688
3.72626627]
[ 0. 0. 27.24273766 ... -9.45518265 24.39769248
3.99163457]
[ 0. 0. -11.72484715 ... 3.39821803 -19.90899794

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-0.62643464]]
[06-24 17:37:20][INFO]
[[-1.23721903e-01 -4.22350665e+00 -9.24569690e-01 ... 1.40476042e+00
 4.78981115e+00 1.03493096e+00]
[ 0.00000000e+00 8.21647856e+00 3.39585861e-01 ... -2.14412312e+00
-1.10208101e+01 -2.28526534e+00]
[ 0.00000000e+00 0.00000000e+00 -5.95366162e-01 ... -1.56614118e+00
 4.34597400e+00 9.36935875e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.34167803e+01
 2.06632380e+02 4.23411998e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -8.11185992e+01
 2.23260573e+02 4.68639036e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.42410289e+01
-1.05496464e+02 -1.90779870e+01]]
[06-24 17:37:20][INFO]
[[-1.23721903e-01 -4.22350665e+00 -9.24569690e-01 ... 1.40476042e+00
 4.78981115e+00 1.03493096e+00]
[ 0.00000000e+00 8.21647856e+00 3.39585861e-01 ... -2.14412312e+00
-1.10208101e+01 -2.28526534e+00]
[ 0.00000000e+00 0.00000000e+00 -5.95366162e-01 ... -1.56614118e+00
 4.34597400e+00 9.36935875e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.39882297e+02
-1.34347841e+02 -1.23765678e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.71485135e+02
-1.66677385e+02 -1.57102083e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.19934049e+02
 7.00331339e+01 9.08959314e+00]]
[06-24 17:37:20][INFO]
[[-1.23721903e-01 -4.22350665e+00 -9.24569690e-01 ... 1.40476042e+00
 4.78981115e+00 1.03493096e+00]
[ 0.00000000e+00 8.21647856e+00 3.39585861e-01 ... -2.14412312e+00
-1.10208101e+01 -2.28526534e+00]
[ 0.00000000e+00 0.00000000e+00 -5.95366162e-01 ... -1.56614118e+00
 4.34597400e+00 9.36935875e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.12865352e+02
 2.17516227e+02 8.51315827e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.04573290e+02
 2.03303231e+02 6.25507438e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.25783430e+01
-7.95826482e+01 2.07092799e-01]]
[06-24 17:37:20][INFO]
[[ -0.1237219 -4.22350665 -0.92456969 ... 1.40476042 4.78981115
 1.03493096]
[ 0. 8.21647856 0.33958586 ... -2.14412312 -11.02081014
-2.28526534]
[ 0. 0. -0.59536616 ... -1.56614118 4.345974
0.93693587]
...
[ 0. 0. 0. ... 3.71228486 0.21367861
-28.8623421 ]
[ 0. 0. 0. ... 0.86332809 -8.34412541

```

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-30.14774702]
[ 0.          0.          0.          ...  6.33285426  2.40326049
 14.30846613]]
[06-24 17:37:20][INFO]
[[-1.23721903e-01 -4.22350665e+00 -9.24569690e-01 ...  1.40476042e+00
 4.78981115e+00  1.03493096e+00]
[ 0.00000000e+00  8.21647856e+00  3.39585861e-01 ... -2.14412312e+00
-1.10208101e+01 -2.28526534e+00]
[ 0.00000000e+00  0.00000000e+00 -5.95366162e-01 ... -1.56614118e+00
 4.34597400e+00  9.36935875e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.54891947e+02
 1.21241008e+02  9.49358842e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.47015493e+02
 1.88713725e+02  1.56260129e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  9.89440386e+01
 7.65434206e+01  6.13557208e+02]]
[06-24 17:37:20][INFO]
[[-0.1237219 -4.22350665 -0.92456969 ...  1.40476042  4.78981115
 1.03493096]
[ 0.          8.21647856  0.33958586 ... -2.14412312 -11.02081014
-2.28526534]
[ 0.          0.          -0.59536616 ... -1.56614118  4.345974
 0.93693587]
...
[ 0.          0.          0.          ...  67.8650683 -15.87279975
 67.81854528]
[ 0.          0.          0.          ... 103.45528042 -37.47027377
108.40560202]
[ 0.          0.          0.          ...  42.99154641 -11.61163449
 46.78545573]]
[06-24 17:37:20][INFO]
[[-0.1237219 -4.22350665 -0.92456969 ...  1.40476042  4.78981115
 1.03493096]
[ 0.          8.21647856  0.33958586 ... -2.14412312 -11.02081014
-2.28526534]
[ 0.          0.          -0.59536616 ... -1.56614118  4.345974
 0.93693587]
...
[ 0.          0.          0.          ...  2.92556321 -10.93061272
-7.03522648]
[ 0.          0.          0.          ... -1.15137772 -29.50923883
-12.17127799]
[ 0.          0.          0.          ... -2.25752653 -8.16797749
-5.37176004]]
[06-24 17:37:20][INFO]
[[-1.23721903e-01 -4.22350665e+00 -9.24569690e-01 ...  1.40476042e+00
 4.78981115e+00  1.03493096e+00]
[ 0.00000000e+00  8.21647856e+00  3.39585861e-01 ... -2.14412312e+00
-1.10208101e+01 -2.28526534e+00]
[ 0.00000000e+00  0.00000000e+00 -5.95366162e-01 ... -1.56614118e+00
 4.34597400e+00  9.36935875e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.13595716e+02

```

```

-2.19839567e+02 -3.24099582e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.78487278e+02
-3.47451660e+02 -5.07895539e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -9.57136793e+01
-1.75723872e+02 -2.57236205e+01]]
[06-24 17:37:20][INFO]
[[ -0.1237219 -4.22350665 -0.92456969 ... 1.40476042 4.78981115
1.03493096]
[ 0. 8.21647856 0.33958586 ... -2.14412312 -11.02081014
-2.28526534]
[ 0. 0. -0.59536616 ... -1.56614118 4.345974
0.93693587]
...
[ 0. 0. 0. ... 1.60547881 -30.42468044
-5.64830138]
[ 0. 0. 0. ... -3.98647292 -60.53579607
-10.25238166]
[ 0. 0. 0. ... -2.60960223 -22.6412738
-4.09520446]]
[06-24 17:37:20][INFO]
[[ -1.23721903e-01 -4.22350665e+00 -9.24569690e-01 ... 1.40476042e+00
4.78981115e+00 1.03493096e+00]
[ 0.00000000e+00 8.21647856e+00 3.39585861e-01 ... -2.14412312e+00
-1.10208101e+01 -2.28526534e+00]
[ 0.00000000e+00 0.00000000e+00 -5.95366162e-01 ... -1.56614118e+00
4.34597400e+00 9.36935875e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.27407466e+01
2.25758240e+02 1.43993771e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -8.79842710e+01
2.28904604e+02 1.58816115e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.94131460e+01
6.97186284e+01 4.98542435e+01]]
[06-24 17:37:20][INFO]
[[ -0.1237219 -4.22350665 -0.92456969 ... 1.40476042 4.78981115
1.03493096]
[ 0. 8.21647856 0.33958586 ... -2.14412312 -11.02081014
-2.28526534]
[ 0. 0. -0.59536616 ... -1.56614118 4.345974
0.93693587]
...
[ 0. 0. 0. ... -13.45454109 -2.4812769
-6.79990723]
[ 0. 0. 0. ... -25.10309974 -13.17478078
-1.12131081]
[ 0. 0. 0. ... -9.92832915 -5.29384937
0.29487026]]
[06-24 17:37:20][INFO]
[[ -0.1237219 -4.22350665 -0.92456969 ... 1.40476042 4.78981115
1.03493096]
[ 0. 8.21647856 0.33958586 ... -2.14412312 -11.02081014
-2.28526534]
[ 0. 0. -0.59536616 ... -1.56614118 4.345974
0.93693587]

```

```

...
[ 0.          0.          0.          ... -13.68257814 -2.28050851
-14.81705276]
[ 0.          0.          0.          ... -25.38964954 -12.92249658
-11.19560155]
[ 0.          0.          0.          ... -10.03328478 -5.20144433
-3.39507648]]
[06-24 17:37:20][INFO]
[[-1.23721903e-01 -4.22350665e+00 -9.24569690e-01 ... 1.40476042e+00
 4.78981115e+00 1.03493096e+00]
[ 0.00000000e+00 8.21647856e+00 3.39585861e-01 ... -2.14412312e+00
-1.10208101e+01 -2.28526534e+00]
[ 0.00000000e+00 0.00000000e+00 -5.95366162e-01 ... -1.56614118e+00
 4.34597400e+00 9.36935875e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 8.02195379e+01
 7.88264068e+01 7.90136023e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.99577656e+02
 1.81390528e+02 2.13600500e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.61637762e+02
-2.22522032e+02 -2.54808079e+02]]
[06-24 17:37:20][INFO]
[[-1.23721903e-01 -4.22350665e+00 -9.24569690e-01 ... 1.40476042e+00
 4.78981115e+00 1.03493096e+00]
[ 0.00000000e+00 8.21647856e+00 3.39585861e-01 ... -2.14412312e+00
-1.10208101e+01 -2.28526534e+00]
[ 0.00000000e+00 0.00000000e+00 -5.95366162e-01 ... -1.56614118e+00
 4.34597400e+00 9.36935875e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.25531125e+03
 2.60450792e+03 3.27213134e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.26209988e+03
 5.00392850e+03 6.31054163e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.20985236e+03
-2.56773023e+03 -3.21976065e+03]]
[06-24 17:37:20][INFO]
[[-1.23721903e-01 -4.22350665e+00 -9.24569690e-01 ... 1.40476042e+00
 4.78981115e+00 1.03493096e+00]
[ 0.00000000e+00 8.21647856e+00 3.39585861e-01 ... -2.14412312e+00
-1.10208101e+01 -2.28526534e+00]
[ 0.00000000e+00 0.00000000e+00 -5.95366162e-01 ... -1.56614118e+00
 4.34597400e+00 9.36935875e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.22133100e+02
 3.90840794e+02 4.30531263e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.05764578e+02
 6.65702903e+02 7.41726874e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.82106059e+02
-3.58462488e+02 -3.83807894e+02]]
[06-24 17:37:20][INFO]
[[ -0.1237219 -4.22350665 -0.92456969 ... 1.40476042
 4.78981115 1.03493096]
[ 0.          8.21647856 0.33958586 ... -2.14412312
-11.02081014 -2.28526534]

```

```

[ 0.          0.          -0.59536616 ... -1.56614118
  4.345974    0.93693587]
...
[ 0.          0.          0.          ... 29.1632858
 -52.11233961 55.23587395]
[ 0.          0.          0.          ... 41.81880708
 -110.58699399 84.00939445]
[ 0.          0.          0.          ... 1.47212406
 76.05188914 -15.66230547]]
[06-24 17:37:20][INFO]
[[ -0.1237219 -4.22350665 -0.92456969 ... 1.40476042 4.78981115
 1.03493096]
 [ 0.          8.21647856 0.33958586 ... -2.14412312 -11.02081014
 -2.28526534]
 [ 0.          0.          -0.59536616 ... -1.56614118 4.345974
 0.93693587]
 ...
 [ 0.          0.          0.          ... 28.98672665 29.30659421
 38.20103598]
 [ 0.          0.          0.          ... 41.58405328 -2.33203094
 61.35980094]
 [ 0.          0.          0.          ... 1.58409303 24.41823627
 -4.85927884]]
[06-24 17:37:20][INFO]
[[ -0.1237219 -4.22350665 -0.92456969 ... 1.40476042 4.78981115
 1.03493096]
 [ 0.          8.21647856 0.33958586 ... -2.14412312 -11.02081014
 -2.28526534]
 [ 0.          0.          -0.59536616 ... -1.56614118 4.345974
 0.93693587]
 ...
 [ 0.          0.          0.          ... 11.77138794 18.80371333
 50.28062769]
 [ 0.          0.          0.          ... 67.31706225 13.36738297
 43.30356359]
 [ 0.          0.          0.          ... -6.59607897 19.42760707
 0.88055234]]
[06-24 17:37:20][INFO]
[[ -1.23721903e-01 -4.22350665e+00 -9.24569690e-01 ... 1.40476042e+00
 4.78981115e+00 1.03493096e+00]
 [ 0.00000000e+00 8.21647856e+00 3.39585861e-01 ... -2.14412312e+00
 -1.10208101e+01 -2.28526534e+00]
 [ 0.00000000e+00 0.00000000e+00 -5.95366162e-01 ... -1.56614118e+00
 4.34597400e+00 9.36935875e-01]
 ...
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.01732443e+03
 2.18479874e+02 6.97130452e+02]
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.96871709e+02
 -5.04935169e+01 -2.02655697e+02]
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.46497310e+02
 4.98278934e+01 9.93621126e+01]]
[06-24 17:37:20][INFO]
[[ -1.23721903e-01 -4.22350665e+00 -9.24569690e-01 ... 1.40476042e+00
 4.78981115e+00 1.03493096e+00]

```

```

[ 0.00000000e+00  8.21647856e+00  3.39585861e-01 ... -2.14412312e+00
-1.10208101e+01 -2.28526534e+00]
[ 0.00000000e+00  0.00000000e+00 -5.95366162e-01 ... -1.56614118e+00
4.34597400e+00  9.36935875e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.35769598e+02
-8.13619442e+01  9.92140142e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -4.15148272e+01
3.63606067e+01 -2.94593479e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.93464279e+02
2.26368946e+02 -2.15031675e+02]]
[06-24 17:37:20][INFO]
[[-1.23721903e-01 -4.22350665e+00 -9.24569690e-01 ...  1.40476042e+00
4.78981115e+00  1.03493096e+00]
[ 0.00000000e+00  8.21647856e+00  3.39585861e-01 ... -2.14412312e+00
-1.10208101e+01 -2.28526534e+00]
[ 0.00000000e+00  0.00000000e+00 -5.95366162e-01 ... -1.56614118e+00
4.34597400e+00  9.36935875e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  3.58560300e+02
-2.04223862e+02  2.52806606e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -4.73971095e+02
2.74846352e+02 -3.27596023e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -7.13142863e+02
4.57808209e+02 -5.04359376e+02]]
[06-24 17:37:20][INFO]
[[ -0.1237219   -4.22350665  -0.92456969 ...  1.40476042   4.78981115
  1.03493096]
[  0.           8.21647856   0.33958586 ... -2.14412312 -11.02081014
 -2.28526534]
[  0.           0.          -0.59536616 ... -1.56614118   4.345974
  0.93693587]
...
[  0.           0.           0.           ...  19.78113814   5.02550359
 -4.38778274]
[  0.           0.           0.           ... -25.84404258  -1.94251864
 12.61310556]
[  0.           0.           0.           ... -39.28429396  41.59465651
  7.22062235]]
[06-24 17:37:20][INFO]
[[-1.23721903e-01 -4.22350665e+00 -9.24569690e-01 ...  1.40476042e+00
4.78981115e+00  1.03493096e+00]
[ 0.00000000e+00  8.21647856e+00  3.39585861e-01 ... -2.14412312e+00
-1.10208101e+01 -2.28526534e+00]
[ 0.00000000e+00  0.00000000e+00 -5.95366162e-01 ... -1.56614118e+00
4.34597400e+00  9.36935875e-01]
...
[ 0.00000000e+00  0.00000000e+00 -3.55271368e-15 ...  2.59485804e+02
4.44172621e+01 -5.91176201e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.26691045e+02
-2.75632372e+01  3.49826342e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -7.14522036e+01
3.34222276e+01  1.43559953e+01]]
[06-24 17:37:20][INFO]

```



```

[[-1.23721903e-01 -4.22350665e+00 -9.24569690e-01 ... 1.40476042e+00
 4.78981115e+00 1.03493096e+00]
[ 0.00000000e+00 8.21647856e+00 3.39585861e-01 ... -2.14412312e+00
-1.10208101e+01 -2.28526534e+00]
[ 0.00000000e+00 0.00000000e+00 -5.95366162e-01 ... -1.56614118e+00
 4.34597400e+00 9.36935875e-01]
...
[ 0.00000000e+00 0.00000000e+00 -3.55271368e-15 ... 7.26940244e+01
-1.10356215e+02 -7.39395219e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.43892846e+01
 4.89169184e+01 4.23067661e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.96096094e+01
 6.80925102e+01 1.76761994e+01]]
[06-24 17:37:20][INFO]
[[-1.23721903e-01 -4.22350665e+00 -9.24569690e-01 ... 1.40476042e+00
 4.78981115e+00 1.03493096e+00]
[ 0.00000000e+00 8.21647856e+00 3.39585861e-01 ... -2.14412312e+00
-1.10208101e+01 -2.28526534e+00]
[ 0.00000000e+00 0.00000000e+00 -5.95366162e-01 ... -1.56614118e+00
 4.34597400e+00 9.36935875e-01]
...
[ 0.00000000e+00 0.00000000e+00 -3.55271368e-15 ... -9.78456667e+00
 7.93178273e+01 -2.47018571e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.43446010e+00
-2.68685027e+01 2.26335566e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.35244729e+00
 1.63342844e+01 1.35800198e-01]]
[06-24 17:37:20][INFO]
[[-1.23721903e-01 -4.22350665e+00 -9.24569690e-01 ... 1.40476042e+00
 4.78981115e+00 1.03493096e+00]
[ 0.00000000e+00 8.21647856e+00 3.39585861e-01 ... -2.14412312e+00
-1.10208101e+01 -2.28526534e+00]
[ 0.00000000e+00 0.00000000e+00 -5.95366162e-01 ... -1.56614118e+00
 4.34597400e+00 9.36935875e-01]
...
[ 0.00000000e+00 0.00000000e+00 -3.55271368e-15 ... -4.11406762e+01
-1.30930562e+00 -2.53721761e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.02486806e+01
 2.88861650e+01 2.30970906e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.80948828e+01
-2.38520207e+01 -2.04823778e+01]]
[06-24 17:37:20][INFO]
[[ -0.1237219 -4.22350665 -0.92456969 ... 1.40476042 4.78981115
 1.03493096]
[ 0. 8.21647856 0.33958586 ... -2.14412312 -11.02081014
-2.28526534]
[ 0. 0. -0.59536616 ... -1.56614118 4.345974
0.93693587]
...
[ 0. 0. 0. ... 85.92839409 -51.85578911
43.90106748]
[ 0. 0. 0. ... -32.79162145 27.1981527
-9.61379337]
[ 0. 0. 0. ... 0.11814321 -22.31763689

```

```

    9.25144039]]
[06-24 17:37:20][INFO]
[[ -0.1237219 -4.22350665 -0.92456969 ... 1.40476042 4.78981115
  1.03493096]
 [ 0. 8.21647856 0.33958586 ... -2.14412312 -11.02081014
 -2.28526534]
 [ 0. 0. -0.59536616 ... -1.56614118 4.345974
 0.93693587]
 ...
 [ 0. 0. 0. ... -32.79162145 27.1981527
 -9.61379337]
 [ 0. 0. 0. ... 16.30098639 5.894843
 23.4878192 ]
 [ 0. 0. 0. ... -35.39813801 7.14041358
 -1.16116422]]
[06-24 17:37:20][INFO]
[[ -0.1237219 -4.22350665 -0.92456969 ... 1.40476042 4.78981115
 1.03493096]
 [ 0. 8.21647856 0.33958586 ... -2.14412312 -11.02081014
 -2.28526534]
 [ 0. 0. -0.59536616 ... -1.56614118 4.345974
 0.93693587]
 ...
 [ 0. 0. 0. ... -32.79162145 27.1981527
 -9.61379337]
 [ 0. 0. 0. ... 16.30098639 5.894843
 23.4878192 ]
 [ 0. 0. 0. ... 0. 19.94126262
 49.84342199]]
n = 32: 0.070196 segundos
[06-24 17:37:20][INFO]
[[ 1.40954426e-01 -1.91531719e+00 7.30422006e-01 ... 3.97964647e+00
 -4.15872338e+00 -1.06896092e+00]
 [ 0.00000000e+00 -1.93370267e+01 5.79902966e+00 ... 4.91857685e+01
 -4.72762358e+01 -9.28943205e+00]
 [ 0.00000000e+00 -1.24839918e+01 2.26228535e+00 ... 2.14617003e+01
 -1.86175585e+01 -3.92164192e+00]
 ...
 [ 0.00000000e+00 7.86215576e+00 -2.55536293e+00 ... -3.04210354e+01
 2.43438424e+01 1.19612246e+01]
 [ 0.00000000e+00 -7.27660385e+00 6.63272379e+00 ... 1.61953049e+01
 -2.06313809e+01 -8.66876864e+00]
 [ 4.44089210e-16 -5.27518314e+01 2.08871906e+01 ... 1.15733407e+02
 -1.18889491e+02 -3.37146156e+01]]
[06-24 17:37:20][INFO]
[[ 1.40954426e-01 -1.91531719e+00 7.30422006e-01 ... 3.97964647e+00
 -4.15872338e+00 -1.06896092e+00]
 [ 0.00000000e+00 2.39453748e+00 -2.20872946e+00 ... -1.91262277e+00
 4.57660761e+00 -2.24838261e+00]
 [ 0.00000000e+00 0.00000000e+00 -9.25299089e+00 ... 1.14901851e+01
 5.24272034e+00 -1.56436510e+01]
 ...
 [ 0.00000000e+00 0.00000000e+00 4.69671611e+00 ... -2.41411846e+01
 9.31714012e+00 1.93434997e+01]

```

```
[ 0.00000000e+00  0.00000000e+00 -7.92401811e-02 ... 1.03831603e+01
-6.72382638e+00 -1.55012320e+01]
[ 4.44089210e-16  0.00000000e+00 -2.77712769e+01 ... 7.35981912e+01
-1.80664989e+01 -8.32466448e+01]]
[06-24 17:37:20][INFO]
[[ 1.40954426e-01 -1.91531719e+00 7.30422006e-01 ... 3.97964647e+00
-4.15872338e+00 -1.06896092e+00]
[ 0.00000000e+00 2.39453748e+00 -2.20872946e+00 ... -1.91262277e+00
4.57660761e+00 -2.24838261e+00]
[ 0.00000000e+00 0.00000000e+00 6.19020604e-02 ... 1.01864871e+01
-6.38970577e+00 -1.20410164e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.97023989e+02
4.94125462e+02 9.32935637e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.34227760e+01
-1.49032220e+01 -3.09148113e+01]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 4.64358750e+03
-2.88469626e+03 -5.48523809e+03]]
[06-24 17:37:20][INFO]
[[ 1.40954426e-01 -1.91531719e+00 7.30422006e-01 ... 3.97964647e+00
-4.15872338e+00 -1.06896092e+00]
[ 0.00000000e+00 2.39453748e+00 -2.20872946e+00 ... -1.91262277e+00
4.57660761e+00 -2.24838261e+00]
[ 0.00000000e+00 0.00000000e+00 6.19020604e-02 ... 1.01864871e+01
-6.38970577e+00 -1.20410164e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.91473463e+02
-3.25707488e+02 -7.67702048e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.91399123e+03
-1.26420656e+03 -2.92818186e+03]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -2.95469257e+03
1.94986539e+03 4.54343632e+03]]
[06-24 17:37:20][INFO]
[[ 1.40954426e-01 -1.91531719e+00 7.30422006e-01 ... 3.97964647e+00
-4.15872338e+00 -1.06896092e+00]
[ 0.00000000e+00 2.39453748e+00 -2.20872946e+00 ... -1.91262277e+00
4.57660761e+00 -2.24838261e+00]
[ 0.00000000e+00 0.00000000e+00 6.19020604e-02 ... 1.01864871e+01
-6.38970577e+00 -1.20410164e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.07228236e+02
-1.19919494e+02 -2.17798254e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.25427973e+02
-5.20541763e+02 -2.32611115e+02]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -7.77411649e+02
7.83791637e+02 3.16754744e+02]]
[06-24 17:37:20][INFO]
[[ 1.40954426e-01 -1.91531719e+00 7.30422006e-01 ... 3.97964647e+00
-4.15872338e+00 -1.06896092e+00]
[ 0.00000000e+00 2.39453748e+00 -2.20872946e+00 ... -1.91262277e+00
4.57660761e+00 -2.24838261e+00]
[ 0.00000000e+00 0.00000000e+00 6.19020604e-02 ... 1.01864871e+01
-6.38970577e+00 -1.20410164e+01]
...

```

```

[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.83107333e+01
 2.16611160e+01 2.61385365e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.06607997e+01
 9.16718787e+01 -2.54056586e+01]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 1.06493451e+02
-1.39513475e+02 4.25949009e+00]]
[06-24 17:37:20][INFO]
[[ 1.40954426e-01 -1.91531719e+00 7.30422006e-01 ... 3.97964647e+00
-4.15872338e+00 -1.06896092e+00]
[ 0.00000000e+00 2.39453748e+00 -2.20872946e+00 ... -1.91262277e+00
4.57660761e+00 -2.24838261e+00]
[ 0.00000000e+00 0.00000000e+00 6.19020604e-02 ... 1.01864871e+01
-6.38970577e+00 -1.20410164e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.23742870e+01
-1.24576317e+02 3.70741410e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.32013284e+01
-3.43829935e+02 1.00083757e+03]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 2.77299518e+01
5.83243138e+02 -1.69888861e+03]]
[06-24 17:37:20][INFO]
[[ 1.40954426e-01 -1.91531719e+00 7.30422006e-01 ... 3.97964647e+00
-4.15872338e+00 -1.06896092e+00]
[ 0.00000000e+00 2.39453748e+00 -2.20872946e+00 ... -1.91262277e+00
4.57660761e+00 -2.24838261e+00]
[ 0.00000000e+00 0.00000000e+00 6.19020604e-02 ... 1.01864871e+01
-6.38970577e+00 -1.20410164e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.60078195e+00
-2.91174809e+01 8.27618617e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.29971895e+01
-8.00802037e+01 2.15913527e+02]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -1.83857362e+01
1.18980222e+02 -3.17233631e+02]]
[06-24 17:37:20][INFO]
[[ 1.40954426e-01 -1.91531719e+00 7.30422006e-01 ... 3.97964647e+00
-4.15872338e+00 -1.06896092e+00]
[ 0.00000000e+00 2.39453748e+00 -2.20872946e+00 ... -1.91262277e+00
4.57660761e+00 -2.24838261e+00]
[ 0.00000000e+00 0.00000000e+00 6.19020604e-02 ... 1.01864871e+01
-6.38970577e+00 -1.20410164e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.78923801e+00
-2.28863813e+01 4.86142643e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.11309353e+01
-6.57509538e+01 1.37386543e+02]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -1.58265950e+01
9.93309304e+01 -2.09551820e+02]]
[06-24 17:37:20][INFO]
[[ 1.40954426e-01 -1.91531719e+00 7.30422006e-01 ... 3.97964647e+00
-4.15872338e+00 -1.06896092e+00]
[ 0.00000000e+00 2.39453748e+00 -2.20872946e+00 ... -1.91262277e+00
4.57660761e+00 -2.24838261e+00]
[ 0.00000000e+00 0.00000000e+00 6.19020604e-02 ... 1.01864871e+01

```

```

-6.38970577e+00 -1.20410164e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.38715801e+01
 4.64677711e+01 -4.46263643e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -9.13588435e+01
 3.60884264e+02 -4.36187417e+02]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 1.53270480e+02
-6.04571142e+02 7.36783321e+02]]
[06-24 17:37:20][INFO]
[[ 1.40954426e-01 -1.91531719e+00 7.30422006e-01 ... 3.97964647e+00
-4.15872338e+00 -1.06896092e+00]
[ 0.00000000e+00 2.39453748e+00 -2.20872946e+00 ... -1.91262277e+00
 4.57660761e+00 -2.24838261e+00]
[ 0.00000000e+00 0.00000000e+00 6.19020604e-02 ... 1.01864871e+01
-6.38970577e+00 -1.20410164e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.59066106e+01
 2.01850725e+01 1.23471831e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.35781802e+01
-2.41380111e+01 -6.64226555e+01]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -3.98584011e+01
 4.23824593e+01 1.15466947e+02]]
[06-24 17:37:20][INFO]
[[ 1.40954426e-01 -1.91531719e+00 7.30422006e-01 ... 3.97964647e+00
-4.15872338e+00 -1.06896092e+00]
[ 0.00000000e+00 2.39453748e+00 -2.20872946e+00 ... -1.91262277e+00
 4.57660761e+00 -2.24838261e+00]
[ 0.00000000e+00 0.00000000e+00 6.19020604e-02 ... 1.01864871e+01
-6.38970577e+00 -1.20410164e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.49249496e+01
 5.98345014e+01 -2.78251783e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.91628522e+01
-4.86912085e+01 2.72691183e+01]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -4.88091513e+01
 8.17347319e+01 -3.46961526e+01]]
[06-24 17:37:20][INFO]
[[ 1.40954426e-01 -1.91531719e+00 7.30422006e-01 ... 3.97964647e+00
-4.15872338e+00 -1.06896092e+00]
[ 0.00000000e+00 2.39453748e+00 -2.20872946e+00 ... -1.91262277e+00
 4.57660761e+00 -2.24838261e+00]
[ 0.00000000e+00 0.00000000e+00 6.19020604e-02 ... 1.01864871e+01
-6.38970577e+00 -1.20410164e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.00962602e+00
-1.45296968e+01 3.89241950e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.17341246e-01
-2.96411181e+00 -1.37755661e+01]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -5.74064763e-01
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[06-24 17:37:20][INFO]
[[ 1.40954426e-01 -1.91531719e+00 7.30422006e-01 ... 3.97964647e+00
-4.15872338e+00 -1.06896092e+00]
[ 0.00000000e+00 2.39453748e+00 -2.20872946e+00 ... -1.91262277e+00

```

```

4.57660761e+00 -2.24838261e+00]
[ 0.00000000e+00 0.00000000e+00 6.19020604e-02 ... 1.01864871e+01
-6.38970577e+00 -1.20410164e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.50653885e+03
-4.21049329e+02 5.41719180e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.54575135e+02
3.84706488e+01 -5.61958760e+02]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -9.60523780e+02
-2.55210090e+02 3.46007310e+03]]
[06-24 17:37:20][INFO]
[[ 1.40954426e-01 -1.91531719e+00 7.30422006e-01 ... 3.97964647e+00
-4.15872338e+00 -1.06896092e+00]
[ 0.00000000e+00 2.39453748e+00 -2.20872946e+00 ... -1.91262277e+00
4.57660761e+00 -2.24838261e+00]
[ 0.00000000e+00 0.00000000e+00 6.19020604e-02 ... 1.01864871e+01
-6.38970577e+00 -1.20410164e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.84331338e+02
-1.44065762e+03 -6.66948134e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.00598685e+01
1.43272835e+02 6.34099903e+01]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 3.09352167e+02
-9.05566933e+02 -4.20693721e+02]]
[06-24 17:37:20][INFO]
[[ 1.40954426e-01 -1.91531719e+00 7.30422006e-01 ... 3.97964647e+00
-4.15872338e+00 -1.06896092e+00]
[ 0.00000000e+00 2.39453748e+00 -2.20872946e+00 ... -1.91262277e+00
4.57660761e+00 -2.24838261e+00]
[ 0.00000000e+00 0.00000000e+00 6.19020604e-02 ... 1.01864871e+01
-6.38970577e+00 -1.20410164e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.65320903e+03
2.30912462e+03 3.79152411e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.40298339e+02
-1.90663235e+02 -2.97502739e+01]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -1.03995995e+03
1.46146514e+03 2.39652237e+02]]
[06-24 17:37:20][INFO]
[[ 1.40954426e-01 -1.91531719e+00 7.30422006e-01 ... 3.97964647e+00
-4.15872338e+00 -1.06896092e+00]
[ 0.00000000e+00 2.39453748e+00 -2.20872946e+00 ... -1.91262277e+00
4.57660761e+00 -2.24838261e+00]
[ 0.00000000e+00 0.00000000e+00 6.19020604e-02 ... 1.01864871e+01
-6.38970577e+00 -1.20410164e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.29945072e+03
-1.95375341e+03 -5.84055238e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.89237284e+02
4.29475259e+02 1.10371526e+02]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 9.99300012e+02
-1.48269951e+03 -4.25588921e+02]]
[06-24 17:37:20][INFO]
[[ 1.40954426e-01 -1.91531719e+00 7.30422006e-01 ... 3.97964647e+00

```

```

-4.15872338e+00 -1.06896092e+00]
[ 0.00000000e+00 2.39453748e+00 -2.20872946e+00 ... -1.91262277e+00
 4.57660761e+00 -2.24838261e+00]
[ 0.00000000e+00 0.00000000e+00 6.19020604e-02 ... 1.01864871e+01
-6.38970577e+00 -1.20410164e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.42273295e+02
-2.57989587e+02 1.60842337e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.64510229e+01
 7.36887155e+01 -1.55431481e+01]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 1.32408096e+02
-2.12329115e+02 2.40016465e+01]]
[06-24 17:37:20][INFO]
[[ 1.40954426e-01 -1.91531719e+00 7.30422006e-01 ... 3.97964647e+00
-4.15872338e+00 -1.06896092e+00]
[ 0.00000000e+00 2.39453748e+00 -2.20872946e+00 ... -1.91262277e+00
 4.57660761e+00 -2.24838261e+00]
[ 0.00000000e+00 0.00000000e+00 6.19020604e-02 ... 1.01864871e+01
-6.38970577e+00 -1.20410164e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.54266908e+02
 4.85417732e+02 2.31002239e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.16137301e+01
-1.85145943e+02 -9.03718818e+01]
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[06-24 17:37:20][INFO]
[[ 1.40954426e-01 -1.91531719e+00 7.30422006e-01 ... 3.97964647e+00
-4.15872338e+00 -1.06896092e+00]
[ 0.00000000e+00 2.39453748e+00 -2.20872946e+00 ... -1.91262277e+00
 4.57660761e+00 -2.24838261e+00]
[ 0.00000000e+00 0.00000000e+00 6.19020604e-02 ... 1.01864871e+01
-6.38970577e+00 -1.20410164e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.47472312e+01
-2.05095824e+02 -1.03562361e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.85534832e+01
 5.26011294e+01 2.48202871e+01]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 7.10552992e+01
-1.28528763e+02 -6.81299521e+01]]
[06-24 17:37:20][INFO]
[[ 1.40954426e-01 -1.91531719e+00 7.30422006e-01 ... 3.97964647e+00
-4.15872338e+00 -1.06896092e+00]
[ 0.00000000e+00 2.39453748e+00 -2.20872946e+00 ... -1.91262277e+00
 4.57660761e+00 -2.24838261e+00]
[ 0.00000000e+00 0.00000000e+00 6.19020604e-02 ... 1.01864871e+01
-6.38970577e+00 -1.20410164e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 7.84435912e+01
-1.93960949e+02 -2.94447930e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.45282948e+01
 4.98520521e+01 7.19478227e+01]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 6.12552925e+01
-1.21835666e+02 -1.82869964e+02]]

```

```

[06-24 17:37:20][INFO]
[[ 1.40954426e-01 -1.91531719e+00 7.30422006e-01 ... 3.97964647e+00
-4.15872338e+00 -1.06896092e+00]
[ 0.00000000e+00 2.39453748e+00 -2.20872946e+00 ... -1.91262277e+00
4.57660761e+00 -2.24838261e+00]
[ 0.00000000e+00 0.00000000e+00 6.19020604e-02 ... 1.01864871e+01
-6.38970577e+00 -1.20410164e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.48555779e+01
-5.08111622e+01 -1.58606347e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.09497356e+01
1.21519133e+01 3.61723832e+01]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 5.27521545e+01
-3.22550653e+01 -9.78627077e+01]]
[06-24 17:37:20][INFO]
[[ 1.40954426e-01 -1.91531719e+00 7.30422006e-01 ... 3.97964647e+00
-4.15872338e+00 -1.06896092e+00]
[ 0.00000000e+00 2.39453748e+00 -2.20872946e+00 ... -1.91262277e+00
4.57660761e+00 -2.24838261e+00]
[ 0.00000000e+00 0.00000000e+00 6.19020604e-02 ... 1.01864871e+01
-6.38970577e+00 -1.20410164e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.63855696e+02
2.16796910e+02 5.63550246e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.89901573e+01
-2.03636668e+01 -5.15728791e+01]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -7.73259921e+01
7.36432255e+01 1.87910245e+02]]
[06-24 17:37:20][INFO]
[[ 1.40954426e-01 -1.91531719e+00 7.30422006e-01 ... 3.97964647e+00
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[ 0.00000000e+00 2.39453748e+00 -2.20872946e+00 ... -1.91262277e+00
4.57660761e+00 -2.24838261e+00]
[ 0.00000000e+00 0.00000000e+00 6.19020604e-02 ... 1.01864871e+01
-6.38970577e+00 -1.20410164e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.20161907e+01
1.10821444e+01 4.25584793e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.24574246e+01
4.97306862e-01 1.64218826e+01]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 7.74413013e-01
-1.01059820e+01 -2.41924087e+01]]
[06-24 17:37:20][INFO]
[[ 1.40954426e-01 -1.91531719e+00 7.30422006e-01 ... 3.97964647e+00
-4.15872338e+00 -1.06896092e+00]
[ 0.00000000e+00 2.39453748e+00 -2.20872946e+00 ... -1.91262277e+00
4.57660761e+00 -2.24838261e+00]
[ 0.00000000e+00 0.00000000e+00 6.19020604e-02 ... 1.01864871e+01
-6.38970577e+00 -1.20410164e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.43485862e+03
5.94696967e+02 -2.62777375e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.33594919e+02
2.15101184e+02 -9.65499119e+02]

```



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[ 4.44089210e-16  0.00000000e+00  0.00000000e+00 ...  3.13390499e+01
-2.31947843e+01  3.56954647e+01]]
[06-24 17:37:20][INFO]
[[ 1.40954426e-01 -1.91531719e+00  7.30422006e-01 ...  3.97964647e+00
-4.15872338e+00 -1.06896092e+00]
[ 0.00000000e+00  2.39453748e+00 -2.20872946e+00 ... -1.91262277e+00
4.57660761e+00 -2.24838261e+00]
[ 0.00000000e+00  0.00000000e+00  6.19020604e-02 ...  1.01864871e+01
-6.38970577e+00 -1.20410164e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -6.89859464e+03
4.63853936e+03 -8.85101910e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.78681589e+03
1.88276420e+03 -3.53193844e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.50470912e+03
-1.69052464e+03  3.12128010e+03]]
[06-24 17:37:20][INFO]
[[ 1.40954426e-01 -1.91531719e+00  7.30422006e-01 ...  3.97964647e+00
-4.15872338e+00 -1.06896092e+00]
[ 0.00000000e+00  2.39453748e+00 -2.20872946e+00 ... -1.91262277e+00
4.57660761e+00 -2.24838261e+00]
[ 0.00000000e+00  0.00000000e+00  6.19020604e-02 ...  1.01864871e+01
-6.38970577e+00 -1.20410164e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.26554419e+02
-8.50883055e+01 -3.62485900e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  8.67765359e+01
-2.22879709e+01 -1.08489393e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -6.63109192e+01
1.39367429e+01  5.83001087e+01]]
[06-24 17:37:20][INFO]
[[ 1.40954426e-01 -1.91531719e+00  7.30422006e-01 ...  3.97964647e+00
-4.15872338e+00 -1.06896092e+00]
[ 0.00000000e+00  2.39453748e+00 -2.20872946e+00 ... -1.91262277e+00
4.57660761e+00 -2.24838261e+00]
[ 0.00000000e+00  0.00000000e+00  6.19020604e-02 ...  1.01864871e+01
-6.38970577e+00 -1.20410164e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -5.97339452e+01
-2.49183158e+01 -1.10783119e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  6.11311552e-01
-4.17839571e+00 -3.27335142e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  4.38210157e+01
7.41536447e+01  1.68527826e+02]]
[06-24 17:37:20][INFO]
[[ 1.40954426e-01 -1.91531719e+00  7.30422006e-01 ...  3.97964647e+00
-4.15872338e+00 -1.06896092e+00]
[ 0.00000000e+00  2.39453748e+00 -2.20872946e+00 ... -1.91262277e+00
4.57660761e+00 -2.24838261e+00]
[ 0.00000000e+00  0.00000000e+00  6.19020604e-02 ...  1.01864871e+01
-6.38970577e+00 -1.20410164e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -6.28885217e+01
-3.35636672e+00  5.81329954e+01]

```

```

[ 8.88178420e-16  0.00000000e+00  0.00000000e+00 ... -2.36588918e+01
-2.08746189e+01 -1.23219660e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  4.70932641e+01
5.17873918e+01 -6.68919645e+00]]
[06-24 17:37:20][INFO]
[[ 1.40954426e-01 -1.91531719e+00  7.30422006e-01 ...  3.97964647e+00
-4.15872338e+00 -1.06896092e+00]
[ 0.00000000e+00  2.39453748e+00 -2.20872946e+00 ... -1.91262277e+00
4.57660761e+00 -2.24838261e+00]
[ 0.00000000e+00  0.00000000e+00  6.19020604e-02 ...  1.01864871e+01
-6.38970577e+00 -1.20410164e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  3.47023032e+01
-3.22515067e+01 -1.09273843e+02]
[ 8.88178420e-16  0.00000000e+00  0.00000000e+00 ...  5.14444548e+01
-4.31115629e+01 -1.41153891e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.14173115e+02
9.95358824e+01  2.69946385e+02]]
[06-24 17:37:20][INFO]
[[ 1.40954426e-01 -1.91531719e+00  7.30422006e-01 ...  3.97964647e+00
-4.15872338e+00 -1.06896092e+00]
[ 0.00000000e+00  2.39453748e+00 -2.20872946e+00 ... -1.91262277e+00
4.57660761e+00 -2.24838261e+00]
[ 0.00000000e+00  0.00000000e+00  6.19020604e-02 ...  1.01864871e+01
-6.38970577e+00 -1.20410164e+01]
...
[ 0.00000000e+00  7.10542736e-15  0.00000000e+00 ... -6.72623895e+00
3.12465621e+01  6.26602512e+01]
[ 8.88178420e-16  0.00000000e+00  0.00000000e+00 ...  6.25358978e+00
-1.11223294e+00  1.14731185e+00]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -3.26955926e+01
2.38125844e+01  1.33823788e+01]]
[06-24 17:37:20][INFO]
[[ 1.40954426e-01 -1.91531719e+00  7.30422006e-01 ...  3.97964647e+00
-4.15872338e+00 -1.06896092e+00]
[ 0.00000000e+00  2.39453748e+00 -2.20872946e+00 ... -1.91262277e+00
4.57660761e+00 -2.24838261e+00]
[ 0.00000000e+00  0.00000000e+00  6.19020604e-02 ...  1.01864871e+01
-6.38970577e+00 -1.20410164e+01]
...
[ 0.00000000e+00  7.10542736e-15  0.00000000e+00 ... -3.00986330e+03
2.21846659e+03  1.29185093e+03]
[ 8.88178420e-16  0.00000000e+00  0.00000000e+00 ... -1.01394980e+03
7.41913886e+02  4.18718827e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.11113605e+03
8.23015116e+02  5.12088752e+02]]
[06-24 17:37:20][INFO]
[[ 1.40954426e-01 -1.91531719e+00  7.30422006e-01 ...  3.97964647e+00
-4.15872338e+00 -1.06896092e+00]
[ 0.00000000e+00  2.39453748e+00 -2.20872946e+00 ... -1.91262277e+00
4.57660761e+00 -2.24838261e+00]
[ 0.00000000e+00  0.00000000e+00  6.19020604e-02 ...  1.01864871e+01
-6.38970577e+00 -1.20410164e+01]
...

```

```

[ 0.00000000e+00  7.10542736e-15  0.00000000e+00 ...  1.36126567e+02
-4.48238659e+02 -1.17807912e+03]
[ 8.88178420e-16  0.00000000e+00  0.00000000e+00 ...  7.72206101e+01
-1.83019114e+02 -4.37963709e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.32914685e+00
-1.19968461e+02 -3.61312414e+02]]
[06-24 17:37:20][INFO]
[[ 1.40954426e-01 -1.91531719e+00  7.30422006e-01 ...  3.97964647e+00
-4.15872338e+00 -1.06896092e+00]
[ 0.00000000e+00  2.39453748e+00 -2.20872946e+00 ... -1.91262277e+00
4.57660761e+00 -2.24838261e+00]
[ 0.00000000e+00  0.00000000e+00  6.19020604e-02 ...  1.01864871e+01
-6.38970577e+00 -1.20410164e+01]
...
[ 0.00000000e+00  7.10542736e-15  0.00000000e+00 ... -2.37973158e+02
4.38408057e+02  9.43661472e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.10273252e+02
-3.46698657e+02 -7.15457771e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.26107695e+02
1.82067200e+02  3.61457218e+02]]
[06-24 17:37:20][INFO]
[[ 1.40954426e-01 -1.91531719e+00  7.30422006e-01 ...  3.97964647e+00
-4.15872338e+00 -1.06896092e+00]
[ 0.00000000e+00  2.39453748e+00 -2.20872946e+00 ... -1.91262277e+00
4.57660761e+00 -2.24838261e+00]
[ 0.00000000e+00  0.00000000e+00  6.19020604e-02 ...  1.01864871e+01
-6.38970577e+00 -1.20410164e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.26107695e+02
1.82067200e+02  3.61457218e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -4.01515004e+01
1.48505197e+01  2.32423491e+00]
[ 0.00000000e+00  7.10542736e-15  0.00000000e+00 ...  1.16153501e+02
-7.28601019e+01 -7.13569760e+01]]
[06-24 17:37:20][INFO]
[[ 1.40954426e-01 -1.91531719e+00  7.30422006e-01 ...  3.97964647e+00
-4.15872338e+00 -1.06896092e+00]
[ 0.00000000e+00  2.39453748e+00 -2.20872946e+00 ... -1.91262277e+00
4.57660761e+00 -2.24838261e+00]
[ 0.00000000e+00  0.00000000e+00  6.19020604e-02 ...  1.01864871e+01
-6.38970577e+00 -1.20410164e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.26107695e+02
1.82067200e+02  3.61457218e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -4.01515004e+01
1.48505197e+01  2.32423491e+00]
[ 0.00000000e+00  7.10542736e-15  0.00000000e+00 ...  0.00000000e+00
-2.9893199e+01 -6.46332417e+01]]
n = 37: 0.091565 segundos
[06-24 17:37:20][INFO]
[[ 4.45594167e-02 -1.87810263e+00 -7.25334718e-01 ...  3.02396031e+00
3.61418046e+00 -3.62699967e+00]
[ 0.00000000e+00 -1.76667605e+02 -6.44042425e+01 ...  2.81837141e+02
3.40641124e+02 -3.41013362e+02]]

```

```

[ 0.00000000e+00 -5.46310919e+01 -1.83839547e+01 ... 8.09073814e+01
 9.63919976e+01 -9.80737011e+01]
...
[ 0.00000000e+00 9.44665877e+01 3.71486699e+01 ... -1.43669559e+02
-1.72384773e+02 1.72962452e+02]
[ 0.00000000e+00 1.87229766e+02 7.39651520e+01 ... -2.94951551e+02
-3.56504438e+02 3.58329101e+02]
[ 4.44089210e-16 1.38746001e+02 5.17535252e+01 ... -2.11182557e+02
-2.57426181e+02 2.57639312e+02]]
[06-24 17:37:20][INFO]
[[ 4.45594167e-02 -1.87810263e+00 -7.25334718e-01 ... 3.02396031e+00
 3.61418046e+00 -3.62699967e+00]
[ 0.00000000e+00 1.15538981e+01 6.55744289e-01 ... -1.50120487e+01
-2.34727896e+01 1.83446731e+01]
[ 0.00000000e+00 0.00000000e+00 -1.52833538e+01 ... 9.92487764e+00
-1.45960101e+01 -1.13333199e+01]
...
[ 0.00000000e+00 1.42108547e-14 3.17871958e+01 ... -2.09285584e+01
1.95326492e+01 2.29733610e+01]
[ 0.00000000e+00 2.84217094e-14 6.33388812e+01 ... -5.16827984e+01
2.38697773e+01 6.10555024e+01]
[ 4.44089210e-16 0.00000000e+00 4.38789622e+01 ... -3.09090496e+01
2.44488772e+01 3.73456919e+01]]
[06-24 17:37:20][INFO]
[[ 4.45594167e-02 -1.87810263e+00 -7.25334718e-01 ... 3.02396031e+00
 3.61418046e+00 -3.62699967e+00]
[ 0.00000000e+00 1.15538981e+01 6.55744289e-01 ... -1.50120487e+01
-2.34727896e+01 1.83446731e+01]
[ 0.00000000e+00 0.00000000e+00 1.25153526e+00 ... -4.72219595e+00
2.89111704e+00 -1.81638608e+00]
...
[ 0.00000000e+00 1.42108547e-14 0.00000000e+00 ... 9.90084279e+01
-5.38975660e+01 6.91069555e+01]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... 1.87302565e+02
-1.22446611e+02 1.52980889e+02]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 1.34651654e+02
-7.69140004e+01 1.01028385e+02]]
[06-24 17:37:20][INFO]
[[ 4.45594167e-02 -1.87810263e+00 -7.25334718e-01 ... 3.02396031e+00
 3.61418046e+00 -3.62699967e+00]
[ 0.00000000e+00 1.15538981e+01 6.55744289e-01 ... -1.50120487e+01
-2.34727896e+01 1.83446731e+01]
[ 0.00000000e+00 0.00000000e+00 1.25153526e+00 ... -4.72219595e+00
2.89111704e+00 -1.81638608e+00]
...
[ 0.00000000e+00 1.42108547e-14 0.00000000e+00 ... -3.33517531e+01
-2.62687676e+01 4.75610634e+01]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... -8.97659438e+01
-6.46114680e+01 1.07879045e+02]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -5.22608505e+01
-3.78979772e+01 7.06023418e+01]]
[06-24 17:37:20][INFO]
[[ 4.45594167e-02 -1.87810263e+00 -7.25334718e-01 ... 3.02396031e+00
 3.61418046e+00 -3.62699967e+00]

```

```
[ 0.00000000e+00  1.15538981e+01  6.55744289e-01 ... -1.50120487e+01
-2.34727896e+01  1.83446731e+01]
[ 0.00000000e+00  0.00000000e+00  1.25153526e+00 ... -4.72219595e+00
2.89111704e+00 -1.81638608e+00]
...
[ 0.00000000e+00  1.42108547e-14  0.00000000e+00 ... -7.25498611e+00
-3.07677778e+01  2.77122705e+01]
[ 0.00000000e+00  2.84217094e-14  7.10542736e-15 ... -1.29185885e+01
-7.78597388e+01  4.94301486e+01]
[ 4.44089210e-16  0.00000000e+00  0.00000000e+00 ... -6.59850954e+00
-4.57700380e+01  3.58722793e+01]]
[06-24 17:37:20][INFO]
[[ 4.45594167e-02 -1.87810263e+00 -7.25334718e-01 ... 3.02396031e+00
3.61418046e+00 -3.62699967e+00]
[ 0.00000000e+00  1.15538981e+01  6.55744289e-01 ... -1.50120487e+01
-2.34727896e+01  1.83446731e+01]
[ 0.00000000e+00  0.00000000e+00  1.25153526e+00 ... -4.72219595e+00
2.89111704e+00 -1.81638608e+00]
...
[ 0.00000000e+00  1.42108547e-14  0.00000000e+00 ... 4.05373950e+00
8.61429360e+00 -3.55858315e+00]
[ 0.00000000e+00  2.84217094e-14  7.10542736e-15 ... 1.12917224e+01
6.45145803e+00 -1.75161293e+01]
[ 4.44089210e-16  0.00000000e+00  0.00000000e+00 ... 7.83902323e+00
4.50794788e+00 -4.05034238e+00]]
[06-24 17:37:20][INFO]
[[ 4.45594167e-02 -1.87810263e+00 -7.25334718e-01 ... 3.02396031e+00
3.61418046e+00 -3.62699967e+00]
[ 0.00000000e+00  1.15538981e+01  6.55744289e-01 ... -1.50120487e+01
-2.34727896e+01  1.83446731e+01]
[ 0.00000000e+00  0.00000000e+00  1.25153526e+00 ... -4.72219595e+00
2.89111704e+00 -1.81638608e+00]
...
[ 0.00000000e+00  1.42108547e-14  0.00000000e+00 ... -1.49117601e+01
-1.17093308e+01 -7.14071922e+00]
[ 0.00000000e+00  2.84217094e-14  7.10542736e-15 ... -4.06877287e+01
-4.92502564e+01 -2.73338230e+01]
[ 4.44089210e-16  0.00000000e+00  0.00000000e+00 ... -1.16404423e+01
-1.63664477e+01 -7.72955450e+00]]
[06-24 17:37:20][INFO]
[[ 4.45594167e-02 -1.87810263e+00 -7.25334718e-01 ... 3.02396031e+00
3.61418046e+00 -3.62699967e+00]
[ 0.00000000e+00  1.15538981e+01  6.55744289e-01 ... -1.50120487e+01
-2.34727896e+01  1.83446731e+01]
[ 0.00000000e+00  0.00000000e+00  1.25153526e+00 ... -4.72219595e+00
2.89111704e+00 -1.81638608e+00]
...
[ 0.00000000e+00  1.42108547e-14  0.00000000e+00 ... -2.90235864e+01
4.19977582e+00 2.99586376e+01]
[ 0.00000000e+00  2.84217094e-14  7.10542736e-15 ... -7.78611538e+01
-7.34242882e+00 7.03934399e+01]
[ 4.44089210e-16  0.00000000e+00  0.00000000e+00 ... -2.67883277e+01
7.10670368e-01 3.20935550e+01]]
[06-24 17:37:20][INFO]
```

```

[[ 4.45594167e-02 -1.87810263e+00 -7.25334718e-01 ... 3.02396031e+00
 3.61418046e+00 -3.62699967e+00]
[ 0.00000000e+00 1.15538981e+01 6.55744289e-01 ... -1.50120487e+01
-2.34727896e+01 1.83446731e+01]
[ 0.00000000e+00 0.00000000e+00 1.25153526e+00 ... -4.72219595e+00
2.89111704e+00 -1.81638608e+00]
...
[ 0.00000000e+00 1.42108547e-14 0.00000000e+00 ... 2.32238892e+03
1.11621432e+03 -2.29383350e+03]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... 2.18396327e+03
1.06230471e+03 -2.16486294e+03]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 1.68191921e+03
8.08781409e+02 -1.65654301e+03]]
[06-24 17:37:20][INFO]
[[ 4.45594167e-02 -1.87810263e+00 -7.25334718e-01 ... 3.02396031e+00
 3.61418046e+00 -3.62699967e+00]
[ 0.00000000e+00 1.15538981e+01 6.55744289e-01 ... -1.50120487e+01
-2.34727896e+01 1.83446731e+01]
[ 0.00000000e+00 0.00000000e+00 1.25153526e+00 ... -4.72219595e+00
2.89111704e+00 -1.81638608e+00]
...
[ 0.00000000e+00 1.42108547e-14 0.00000000e+00 ... 4.21950600e+02
1.30778052e+01 -2.88195633e+02]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... 3.83930167e+02
1.74498332e+01 -2.65188265e+02]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 3.03992055e+02
8.94394531e+00 -2.02340130e+02]]
[06-24 17:37:20][INFO]
[[ 4.45594167e-02 -1.87810263e+00 -7.25334718e-01 ... 3.02396031e+00
 3.61418046e+00 -3.62699967e+00]
[ 0.00000000e+00 1.15538981e+01 6.55744289e-01 ... -1.50120487e+01
-2.34727896e+01 1.83446731e+01]
[ 0.00000000e+00 0.00000000e+00 1.25153526e+00 ... -4.72219595e+00
2.89111704e+00 -1.81638608e+00]
...
[ 0.00000000e+00 1.42108547e-14 0.00000000e+00 ... -1.40897912e+03
-2.57272499e+03 8.20684576e+02]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... -1.30892529e+03
-2.37335213e+03 7.60068956e+02]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -1.00266761e+03
-1.83643776e+03 5.89022328e+02]]
[06-24 17:37:20][INFO]
[[ 4.45594167e-02 -1.87810263e+00 -7.25334718e-01 ... 3.02396031e+00
 3.61418046e+00 -3.62699967e+00]
[ 0.00000000e+00 1.15538981e+01 6.55744289e-01 ... -1.50120487e+01
-2.34727896e+01 1.83446731e+01]
[ 0.00000000e+00 0.00000000e+00 1.25153526e+00 ... -4.72219595e+00
2.89111704e+00 -1.81638608e+00]
...
[ 0.00000000e+00 1.42108547e-14 0.00000000e+00 ... -1.02936758e+02
6.70711776e+02 -1.43536191e+02]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... -1.01853488e+02
6.24300303e+02 -1.31084146e+02]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -7.46808119e+01

```

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4.68132586e+02 -9.60887910e+01]]
[06-24 17:37:20][INFO]
[[ 4.45594167e-02 -1.87810263e+00 -7.25334718e-01 ... 3.02396031e+00
 3.61418046e+00 -3.62699967e+00]
[ 0.00000000e+00 1.15538981e+01 6.55744289e-01 ... -1.50120487e+01
-2.34727896e+01 1.83446731e+01]
[ 0.00000000e+00 0.00000000e+00 1.25153526e+00 ... -4.72219595e+00
2.89111704e+00 -1.81638608e+00]
...
[ 0.00000000e+00 1.42108547e-14 0.00000000e+00 ... 2.40760950e+02
-7.03199773e+01 -6.93655861e+01]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... 2.20748286e+02
-7.12474197e+01 -6.14660828e+01]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 1.65372217e+02
-4.94353598e+01 -4.42849006e+01]]
[06-24 17:37:20][INFO]
[[ 4.45594167e-02 -1.87810263e+00 -7.25334718e-01 ... 3.02396031e+00
 3.61418046e+00 -3.62699967e+00]
[ 0.00000000e+00 1.15538981e+01 6.55744289e-01 ... -1.50120487e+01
-2.34727896e+01 1.83446731e+01]
[ 0.00000000e+00 0.00000000e+00 1.25153526e+00 ... -4.72219595e+00
2.89111704e+00 -1.81638608e+00]
...
[ 0.00000000e+00 1.42108547e-14 0.00000000e+00 ... 4.61598677e+02
-6.67865185e+02 -1.28797548e+02]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... 4.16569852e+02
-6.01103617e+02 -1.14165683e+02]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 3.49412354e+02
-5.47413234e+02 -9.38138763e+01]]
[06-24 17:37:20][INFO]
[[ 4.45594167e-02 -1.87810263e+00 -7.25334718e-01 ... 3.02396031e+00
 3.61418046e+00 -3.62699967e+00]
[ 0.00000000e+00 1.15538981e+01 6.55744289e-01 ... -1.50120487e+01
-2.34727896e+01 1.83446731e+01]
[ 0.00000000e+00 0.00000000e+00 1.25153526e+00 ... -4.72219595e+00
2.89111704e+00 -1.81638608e+00]
...
[ 0.00000000e+00 1.42108547e-14 0.00000000e+00 ... -1.43420945e+02
-8.13489865e+01 4.52008864e+01]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... -1.14191914e+02
-8.65742337e+01 3.84768317e+01]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -1.40631367e+02
-7.23566091e+01 4.71184787e+01]]
[06-24 17:37:20][INFO]
[[ 4.45594167e-02 -1.87810263e+00 -7.25334718e-01 ... 3.02396031e+00
 3.61418046e+00 -3.62699967e+00]
[ 0.00000000e+00 1.15538981e+01 6.55744289e-01 ... -1.50120487e+01
-2.34727896e+01 1.83446731e+01]
[ 0.00000000e+00 0.00000000e+00 1.25153526e+00 ... -4.72219595e+00
2.89111704e+00 -1.81638608e+00]
...
[ 0.00000000e+00 1.42108547e-14 0.00000000e+00 ... -4.86397563e+01
5.28173686e+01 -8.93657528e+00]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... -3.66946523e+01

```

```

2.31260696e+01 -5.78833415e+00]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -6.25124519e+01
 3.82236672e+01 2.49823490e+00]]
[06-24 17:37:20][INFO]
[[ 4.45594167e-02 -1.87810263e+00 -7.25334718e-01 ... 3.02396031e+00
 3.61418046e+00 -3.62699967e+00]
[ 0.00000000e+00 1.15538981e+01 6.55744289e-01 ... -1.50120487e+01
-2.34727896e+01 1.83446731e+01]
[ 0.00000000e+00 0.00000000e+00 1.25153526e+00 ... -4.72219595e+00
 2.89111704e+00 -1.81638608e+00]
...
[ 0.00000000e+00 1.42108547e-14 0.00000000e+00 ... 2.58675493e+02
-9.54212422e+01 -4.14015772e+01]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... 1.95420988e+02
-8.88387614e+01 -3.03091957e+01]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 9.54430112e+01
-3.79687718e+01 -1.41882927e+01]]
[06-24 17:37:20][INFO]
[[ 4.45594167e-02 -1.87810263e+00 -7.25334718e-01 ... 3.02396031e+00
 3.61418046e+00 -3.62699967e+00]
[ 0.00000000e+00 1.15538981e+01 6.55744289e-01 ... -1.50120487e+01
-2.34727896e+01 1.83446731e+01]
[ 0.00000000e+00 0.00000000e+00 1.25153526e+00 ... -4.72219595e+00
 2.89111704e+00 -1.81638608e+00]
...
[ 0.00000000e+00 1.42108547e-14 0.00000000e+00 ... 3.52122001e+04
-9.64101876e+03 -4.57427393e+03]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... 3.28468571e+04
-9.00574973e+03 -4.26464017e+03]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 4.25709207e+03
-1.17449012e+03 -5.53882764e+02]]
[06-24 17:37:20][INFO]
[[ 4.45594167e-02 -1.87810263e+00 -7.25334718e-01 ... 3.02396031e+00
 3.61418046e+00 -3.62699967e+00]
[ 0.00000000e+00 1.15538981e+01 6.55744289e-01 ... -1.50120487e+01
-2.34727896e+01 1.83446731e+01]
[ 0.00000000e+00 0.00000000e+00 1.25153526e+00 ... -4.72219595e+00
 2.89111704e+00 -1.81638608e+00]
...
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 8.76431963e+02 1.40025518e+03]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... -1.07857723e+03
 7.62655772e+02 1.28438731e+03]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -1.85834327e+02
 1.04795100e+02 1.72826303e+02]]
[06-24 17:37:20][INFO]
[[ 4.45594167e-02 -1.87810263e+00 -7.25334718e-01 ... 3.02396031e+00
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[ 0.00000000e+00 1.15538981e+01 6.55744289e-01 ... -1.50120487e+01
-2.34727896e+01 1.83446731e+01]
[ 0.00000000e+00 0.00000000e+00 1.25153526e+00 ... -4.72219595e+00
 2.89111704e+00 -1.81638608e+00]
...
[ 0.00000000e+00 1.42108547e-14 0.00000000e+00 ... -1.01683742e+03

```



```

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[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... -8.14775582e+02
2.96920381e+02 -6.04797867e+02]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -1.48536372e+02
3.89464675e+01 -9.42787168e+01]]
[06-24 17:37:20][INFO]
[[ 4.45594167e-02 -1.87810263e+00 -7.25334718e-01 ... 3.02396031e+00
3.61418046e+00 -3.62699967e+00]
[ 0.00000000e+00 1.15538981e+01 6.55744289e-01 ... -1.50120487e+01
-2.34727896e+01 1.83446731e+01]
[ 0.00000000e+00 0.00000000e+00 1.25153526e+00 ... -4.72219595e+00
2.89111704e+00 -1.81638608e+00]
...
[ 0.00000000e+00 1.42108547e-14 0.00000000e+00 ... 2.14681708e+02
2.77449233e+01 4.91722642e+01]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... 1.68565359e+02
3.90868589e+01 1.93463800e+01]
[ 0.00000000e+00 0.00000000e+00 -7.10542736e-15 ... 1.85290956e+02
3.01143302e+01 1.43547178e+01]]
[06-24 17:37:20][INFO]
[[ 4.45594167e-02 -1.87810263e+00 -7.25334718e-01 ... 3.02396031e+00
3.61418046e+00 -3.62699967e+00]
[ 0.00000000e+00 1.15538981e+01 6.55744289e-01 ... -1.50120487e+01
-2.34727896e+01 1.83446731e+01]
[ 0.00000000e+00 0.00000000e+00 1.25153526e+00 ... -4.72219595e+00
2.89111704e+00 -1.81638608e+00]
...
[ 0.00000000e+00 1.42108547e-14 0.00000000e+00 ... -5.11547279e+02
-6.63270762e+01 -4.41481904e+00]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... -1.98448916e+02
-8.45429862e+00 -7.73491917e+00]
[ 0.00000000e+00 0.00000000e+00 -7.10542736e-15 ... -1.04517728e+02
-7.42600888e+00 -7.02972484e+00]]
[06-24 17:37:20][INFO]
[[ 4.45594167e-02 -1.87810263e+00 -7.25334718e-01 ... 3.02396031e+00
3.61418046e+00 -3.62699967e+00]
[ 0.00000000e+00 1.15538981e+01 6.55744289e-01 ... -1.50120487e+01
-2.34727896e+01 1.83446731e+01]
[ 0.00000000e+00 0.00000000e+00 1.25153526e+00 ... -4.72219595e+00
2.89111704e+00 -1.81638608e+00]
...
[ 0.00000000e+00 1.42108547e-14 0.00000000e+00 ... -2.39773207e+03
-2.43477780e+02 3.79879884e+02]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... -7.79750562e+02
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[ 0.00000000e+00 0.00000000e+00 -7.10542736e-15 ... -3.24922351e+02
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[06-24 17:37:20][INFO]
[[ 4.45594167e-02 -1.87810263e+00 -7.25334718e-01 ... 3.02396031e+00
3.61418046e+00 -3.62699967e+00]
[ 0.00000000e+00 1.15538981e+01 6.55744289e-01 ... -1.50120487e+01
-2.34727896e+01 1.83446731e+01]
[ 0.00000000e+00 0.00000000e+00 1.25153526e+00 ... -4.72219595e+00
2.89111704e+00 -1.81638608e+00]

```

```

...
[ 0.00000000e+00 1.42108547e-14 0.00000000e+00 ... -1.07647041e+03
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[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... -3.52363832e+02
-1.48557677e+01 -3.35145715e+02]
[ 0.00000000e+00 0.00000000e+00 -7.10542736e-15 ... -1.55258025e+02
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[06-24 17:37:20][INFO]
[[ 4.45594167e-02 -1.87810263e+00 -7.25334718e-01 ... 3.02396031e+00
3.61418046e+00 -3.62699967e+00]
[ 0.00000000e+00 1.15538981e+01 6.55744289e-01 ... -1.50120487e+01
-2.34727896e+01 1.83446731e+01]
[ 0.00000000e+00 0.00000000e+00 1.25153526e+00 ... -4.72219595e+00
2.89111704e+00 -1.81638608e+00]
...
[ 0.00000000e+00 1.42108547e-14 0.00000000e+00 ... 7.85683014e+02
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[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... 1.37008816e+02
3.67147106e-02 3.05693634e+01]
[ 0.00000000e+00 0.00000000e+00 -7.10542736e-15 ... 1.58471103e+01
-3.78713121e+00 -1.12472087e+01]]
[06-24 17:37:20][INFO]
[[ 4.45594167e-02 -1.87810263e+00 -7.25334718e-01 ... 3.02396031e+00
3.61418046e+00 -3.62699967e+00]
[ 0.00000000e+00 1.15538981e+01 6.55744289e-01 ... -1.50120487e+01
-2.34727896e+01 1.83446731e+01]
[ 0.00000000e+00 0.00000000e+00 1.25153526e+00 ... -4.72219595e+00
2.89111704e+00 -1.81638608e+00]
...
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5.16372007e+01 -5.91064312e+02]
[ 0.00000000e+00 0.00000000e+00 -7.10542736e-15 ... -3.01680509e+02
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[06-24 17:37:20][INFO]
[[ 4.45594167e-02 -1.87810263e+00 -7.25334718e-01 ... 3.02396031e+00
3.61418046e+00 -3.62699967e+00]
[ 0.00000000e+00 1.15538981e+01 6.55744289e-01 ... -1.50120487e+01
-2.34727896e+01 1.83446731e+01]
[ 0.00000000e+00 0.00000000e+00 1.25153526e+00 ... -4.72219595e+00
2.89111704e+00 -1.81638608e+00]
...
[ 0.00000000e+00 1.42108547e-14 0.00000000e+00 ... -3.45534991e+04
1.04377903e+03 -2.06935813e+04]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... 1.98750228e+03
-3.53966010e+01 1.16463966e+03]
[ 0.00000000e+00 0.00000000e+00 -7.10542736e-15 ... 8.33349947e+02
-2.23389632e+01 4.85671912e+02]]
[06-24 17:37:20][INFO]
[[ 4.45594167e-02 -1.87810263e+00 -7.25334718e-01 ... 3.02396031e+00
3.61418046e+00 -3.62699967e+00]
[ 0.00000000e+00 1.15538981e+01 6.55744289e-01 ... -1.50120487e+01
-2.34727896e+01 1.83446731e+01]

```

```

[ 0.00000000e+00 0.00000000e+00 1.25153526e+00 ... -4.72219595e+00
 2.89111704e+00 -1.81638608e+00]
...
[ 0.00000000e+00 1.42108547e-14 0.00000000e+00 ... -1.09540371e+03
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[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... 5.12017140e+01
 1.65083006e+01 3.61740007e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.17565525e+02
 -2.23322235e+01 2.29423782e+02]]
[06-24 17:37:20][INFO]
[[ 4.45594167e-02 -1.87810263e+00 -7.25334718e-01 ... 3.02396031e+00
 3.61418046e+00 -3.62699967e+00]
[ 0.00000000e+00 1.15538981e+01 6.55744289e-01 ... -1.50120487e+01
 -2.34727896e+01 1.83446731e+01]
[ 0.00000000e+00 0.00000000e+00 1.25153526e+00 ... -4.72219595e+00
 2.89111704e+00 -1.81638608e+00]
...
[ 0.00000000e+00 1.42108547e-14 0.00000000e+00 ... -1.70651587e+02
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[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.24375172e+01
 -1.30987878e+02 1.42733812e+02]
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 -7.49671379e+01 1.14086930e+02]]
[06-24 17:37:21][INFO]
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[ 0.00000000e+00 1.15538981e+01 6.55744289e-01 ... -1.50120487e+01
 -2.34727896e+01 1.83446731e+01]
[ 0.00000000e+00 0.00000000e+00 1.25153526e+00 ... -4.72219595e+00
 2.89111704e+00 -1.81638608e+00]
...
[ 0.00000000e+00 1.42108547e-14 0.00000000e+00 ... -1.61467270e+02
 -1.06891108e+02 -3.39909977e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.00102250e+01
 1.48827065e+01 8.72641589e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.26714314e+01
 2.37717142e+01 2.33781933e+01]]
[06-24 17:37:21][INFO]
[[ 4.45594167e-02 -1.87810263e+00 -7.25334718e-01 ... 3.02396031e+00
 3.61418046e+00 -3.62699967e+00]
[ 0.00000000e+00 1.15538981e+01 6.55744289e-01 ... -1.50120487e+01
 -2.34727896e+01 1.83446731e+01]
[ 0.00000000e+00 0.00000000e+00 1.25153526e+00 ... -4.72219595e+00
 2.89111704e+00 -1.81638608e+00]
...
[ 0.00000000e+00 1.42108547e-14 0.00000000e+00 ... 6.12678887e+03
 -2.07838568e+03 5.80673476e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.20081393e+03
 7.20561278e+02 -2.08190831e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.14689427e+02
 4.32782710e+00 8.09824160e+01]]
[06-24 17:37:21][INFO]
[[ 4.45594167e-02 -1.87810263e+00 -7.25334718e-01 ... 3.02396031e+00
 3.61418046e+00 -3.62699967e+00]

```

```
[ 0.00000000e+00  1.15538981e+01  6.55744289e-01 ... -1.50120487e+01
-2.34727896e+01  1.83446731e+01]
[ 0.00000000e+00  0.00000000e+00  1.25153526e+00 ... -4.72219595e+00
 2.89111704e+00 -1.81638608e+00]
...
[ 0.00000000e+00  1.42108547e-14  0.00000000e+00 ... -3.58412762e+04
-3.66205850e+03 -2.38269933e+04]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.27064112e+04
 1.28308822e+03  8.44411085e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.10318376e+04
-2.14048513e+03 -1.39762369e+04]]
[06-24 17:37:21][INFO]
[[ 4.45594167e-02 -1.87810263e+00 -7.25334718e-01 ...  3.02396031e+00
 3.61418046e+00 -3.62699967e+00]
[ 0.00000000e+00  1.15538981e+01  6.55744289e-01 ... -1.50120487e+01
-2.34727896e+01  1.83446731e+01]
[ 0.00000000e+00  0.00000000e+00  1.25153526e+00 ... -4.72219595e+00
 2.89111704e+00 -1.81638608e+00]
...
[ 0.00000000e+00  1.42108547e-14  0.00000000e+00 ...  1.72776954e+02
 1.78013773e+01  2.27456402e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -3.46908175e+01
-1.87777484e+01 -6.59059850e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  5.79793062e+01
 1.44395288e+01  1.10040457e+02]]
[06-24 17:37:21][INFO]
[[ 4.45594167e-02 -1.87810263e+00 -7.25334718e-01 ...  3.02396031e+00
 3.61418046e+00 -3.62699967e+00]
[ 0.00000000e+00  1.15538981e+01  6.55744289e-01 ... -1.50120487e+01
-2.34727896e+01  1.83446731e+01]
[ 0.00000000e+00  0.00000000e+00  1.25153526e+00 ... -4.72219595e+00
 2.89111704e+00 -1.81638608e+00]
...
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-9.99113367e-01  1.06154825e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  4.00335708e+01
-1.28244201e+01  2.75845622e+00]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -7.38082681e+01
 3.93994870e+00 -1.10594998e+01]]
[06-24 17:37:21][INFO]
[[ 4.45594167e-02 -1.87810263e+00 -7.25334718e-01 ...  3.02396031e+00
 3.61418046e+00 -3.62699967e+00]
[ 0.00000000e+00  1.15538981e+01  6.55744289e-01 ... -1.50120487e+01
-2.34727896e+01  1.83446731e+01]
[ 0.00000000e+00  0.00000000e+00  1.25153526e+00 ... -4.72219595e+00
 2.89111704e+00 -1.81638608e+00]
...
[ 0.00000000e+00  1.42108547e-14  0.00000000e+00 ...  1.25498908e+04
 8.58770629e+02  5.35191967e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.72734554e+03
-2.01462450e+02 -1.16915194e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  4.87495216e+03
 3.41271548e+02  2.08460704e+03]]
[06-24 17:37:21][INFO]
```

```

[[ 4.45594167e-02 -1.87810263e+00 -7.25334718e-01 ... 3.02396031e+00
 3.61418046e+00 -3.62699967e+00]
[ 0.00000000e+00 1.15538981e+01 6.55744289e-01 ... -1.50120487e+01
-2.34727896e+01 1.83446731e+01]
[ 0.00000000e+00 0.00000000e+00 1.25153526e+00 ... -4.72219595e+00
2.89111704e+00 -1.81638608e+00]
...
[ 0.00000000e+00 1.42108547e-14 0.00000000e+00 ... 2.14386987e+02
-5.24233475e+01 6.39654877e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.09485138e+02
-4.27303309e+01 1.18507050e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -8.61193807e+00
-1.94655780e+01 -8.86750023e+00]]
[06-24 17:37:21][INFO]
[[ 4.45594167e-02 -1.87810263e+00 -7.25334718e-01 ... 3.02396031e+00
 3.61418046e+00 -3.62699967e+00]
[ 0.00000000e+00 1.15538981e+01 6.55744289e-01 ... -1.50120487e+01
-2.34727896e+01 1.83446731e+01]
[ 0.00000000e+00 0.00000000e+00 1.25153526e+00 ... -4.72219595e+00
2.89111704e+00 -1.81638608e+00]
...
[ 0.00000000e+00 1.42108547e-14 0.00000000e+00 ... 2.87622599e+02
1.13111230e+02 1.39374392e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.37223408e+02
2.45996694e+02 2.50035997e+02]
[-4.44089210e-16 0.00000000e+00 7.10542736e-15 ... -4.00829443e+02
-2.35543873e+02 -2.22762054e+02]]
[06-24 17:37:21][INFO]
[[ 4.45594167e-02 -1.87810263e+00 -7.25334718e-01 ... 3.02396031e+00
 3.61418046e+00 -3.62699967e+00]
[ 0.00000000e+00 1.15538981e+01 6.55744289e-01 ... -1.50120487e+01
-2.34727896e+01 1.83446731e+01]
[ 0.00000000e+00 0.00000000e+00 1.25153526e+00 ... -4.72219595e+00
2.89111704e+00 -1.81638608e+00]
...
[ 0.00000000e+00 1.42108547e-14 0.00000000e+00 ... 3.33323495e+01
-6.68032173e+01 -5.14041671e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.53822954e+01
-3.12372039e+01 2.73501347e+01]
[-4.44089210e-16 0.00000000e+00 7.10542736e-15 ... -3.83003334e+01
2.09513105e+01 -1.67343953e+01]]
[06-24 17:37:21][INFO]
[[ 4.45594167e-02 -1.87810263e+00 -7.25334718e-01 ... 3.02396031e+00
 3.61418046e+00 -3.62699967e+00]
[ 0.00000000e+00 1.15538981e+01 6.55744289e-01 ... -1.50120487e+01
-2.34727896e+01 1.83446731e+01]
[ 0.00000000e+00 0.00000000e+00 1.25153526e+00 ... -4.72219595e+00
2.89111704e+00 -1.81638608e+00]
...
[ 0.00000000e+00 -1.42108547e-14 7.10542736e-15 ... 1.47069883e+01
6.87110099e+01 3.50967316e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.43932822e+00
4.68105646e+01 3.33558044e+01]
[-4.44089210e-16 0.00000000e+00 7.10542736e-15 ... -3.20497543e-01

```

```

-5.51661927e+01 -2.25915337e+01]]
[06-24 17:37:21][INFO]
[[ 4.45594167e-02 -1.87810263e+00 -7.25334718e-01 ... 3.02396031e+00
 3.61418046e+00 -3.62699967e+00]
 [ 0.00000000e+00 1.15538981e+01 6.55744289e-01 ... -1.50120487e+01
 -2.34727896e+01 1.83446731e+01]
 [ 0.00000000e+00 0.00000000e+00 1.25153526e+00 ... -4.72219595e+00
 2.89111704e+00 -1.81638608e+00]
 ...
 [-4.44089210e-16 0.00000000e+00 7.10542736e-15 ... -3.20497543e-01
 -5.51661927e+01 -2.25915337e+01]
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.10831391e+00
 -1.01658450e+01 1.00229548e+01]
 [ 0.00000000e+00 -1.42108547e-14 7.10542736e-15 ... 1.42956633e+01
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[06-24 17:37:21][INFO]
[[ 4.45594167e-02 -1.87810263e+00 -7.25334718e-01 ... 3.02396031e+00
 3.61418046e+00 -3.62699967e+00]
 [ 0.00000000e+00 1.15538981e+01 6.55744289e-01 ... -1.50120487e+01
 -2.34727896e+01 1.83446731e+01]
 [ 0.00000000e+00 0.00000000e+00 1.25153526e+00 ... -4.72219595e+00
 2.89111704e+00 -1.81638608e+00]
 ...
 [-4.44089210e-16 0.00000000e+00 7.10542736e-15 ... -3.20497543e-01
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 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.10831391e+00
 -1.01658450e+01 1.00229548e+01]
 [ 0.00000000e+00 -1.42108547e-14 7.10542736e-15 ... -1.77635684e-15
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n = 42: 0.215326 segundos
[06-24 17:37:21][INFO]
[[ 3.07260027e-02 -4.17085419e+00 1.20001333e+00 ... -3.27242682e+00
 -1.20634402e+00 4.10834227e+00]
 [ 0.00000000e+00 -2.41330734e+02 6.68684783e+01 ... -1.92657636e+02
 -6.97236537e+01 2.46173867e+02]
 [ 0.00000000e+00 1.08686695e+02 -3.56517487e+01 ... 8.15178925e+01
 2.87537626e+01 -1.03239638e+02]
 ...
 [ 0.00000000e+00 -6.05910655e+02 1.74224971e+02 ... -4.74241945e+02
 -1.80626937e+02 5.99235068e+02]
 [ 0.00000000e+00 -1.63557803e+02 4.77050250e+01 ... -1.25442474e+02
 -5.14690808e+01 1.58005529e+02]
 [ 0.00000000e+00 3.45985974e+02 -9.77515567e+01 ... 2.73586435e+02
 1.00637238e+02 -3.45423509e+02]]
[06-24 17:37:21][INFO]
[[ 3.07260027e-02 -4.17085419e+00 1.20001333e+00 ... -3.27242682e+00
 -1.20634402e+00 4.10834227e+00]
 [ 0.00000000e+00 9.44381993e+00 -4.25161048e+00 ... 8.64897715e+00
 6.10699293e+00 -5.49832475e+00]
 [ 0.00000000e+00 0.00000000e+00 1.32790329e+01 ... -1.80211443e+01
 -4.15301777e+01 -3.99607164e+01]
 ...
 [ 0.00000000e+00 0.00000000e+00 -9.85561818e+01 ... 8.06720041e+01
 2.11194605e+02 2.46465365e+02]

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[ 0.00000000e+00 0.00000000e+00 5.80114295e+01 ... -4.32794952e+01
-1.23099969e+02 -1.43985610e+02]]
[06-24 17:37:21][INFO]
[[ 3.07260027e-02 -4.17085419e+00 1.20001333e+00 ... -3.27242682e+00
-1.20634402e+00 4.10834227e+00]
[ 0.00000000e+00 9.44381993e+00 -4.25161048e+00 ... 8.64897715e+00
6.10699293e+00 -5.49832475e+00]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... 4.21743671e+00
-5.66555185e+00 -7.48169064e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.47260486e+02
1.21742048e+02 1.28338063e+02]
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... 4.18679161e+01
3.07644047e+01 3.17022443e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -8.24743274e+01
-7.04470503e+01 -7.44543684e+01]]
[06-24 17:37:21][INFO]
[[ 3.07260027e-02 -4.17085419e+00 1.20001333e+00 ... -3.27242682e+00
-1.20634402e+00 4.10834227e+00]
[ 0.00000000e+00 9.44381993e+00 -4.25161048e+00 ... 8.64897715e+00
6.10699293e+00 -5.49832475e+00]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... 4.21743671e+00
-5.66555185e+00 -7.48169064e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.47112009e+02
-7.43042914e+01 -1.27357579e+02]
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... -4.33335921e+01
-2.59781379e+01 -4.23048548e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.41363528e+01
2.71928031e+01 5.28935079e+01]]
[06-24 17:37:21][INFO]
[[ 3.07260027e-02 -4.17085419e+00 1.20001333e+00 ... -3.27242682e+00
-1.20634402e+00 4.10834227e+00]
[ 0.00000000e+00 9.44381993e+00 -4.25161048e+00 ... 8.64897715e+00
6.10699293e+00 -5.49832475e+00]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... 4.21743671e+00
-5.66555185e+00 -7.48169064e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.11181867e+02
9.62394673e+01 3.27245794e+02]
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... 6.37106540e+01
6.72099941e+00 4.48583356e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.47795602e+02
-6.80940171e+01 -2.01104118e+02]]
[06-24 17:37:21][INFO]
[[ 3.07260027e-02 -4.17085419e+00 1.20001333e+00 ... -3.27242682e+00
-1.20634402e+00 4.10834227e+00]
[ 0.00000000e+00 9.44381993e+00 -4.25161048e+00 ... 8.64897715e+00
6.10699293e+00 -5.49832475e+00]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... 4.21743671e+00
-5.66555185e+00 -7.48169064e+00]
...

```

```

[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.55990917e+01
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-2.35023734e+00 1.51563519e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.47889641e+01
-2.95781567e+01 -1.70739308e+01]]
[06-24 17:37:21][INFO]
[[ 3.07260027e-02 -4.17085419e+00 1.20001333e+00 ... -3.27242682e+00
-1.20634402e+00 4.10834227e+00]
[ 0.00000000e+00 9.44381993e+00 -4.25161048e+00 ... 8.64897715e+00
6.10699293e+00 -5.49832475e+00]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... 4.21743671e+00
-5.66555185e+00 -7.48169064e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.36597203e+02
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[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... -1.09200435e+01
-1.43982922e+01 2.91058158e-01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.23827070e+01
4.35320658e+01 -9.64293058e+00]]
[06-24 17:37:21][INFO]
[[ 3.07260027e-02 -4.17085419e+00 1.20001333e+00 ... -3.27242682e+00
-1.20634402e+00 4.10834227e+00]
[ 0.00000000e+00 9.44381993e+00 -4.25161048e+00 ... 8.64897715e+00
6.10699293e+00 -5.49832475e+00]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... 4.21743671e+00
-5.66555185e+00 -7.48169064e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.96611218e+02
3.02599635e+02 -2.20751683e+02]
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... 5.94067581e+01
4.77723346e+01 -3.82327142e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.65433705e+02
-2.72786466e+02 1.86362542e+02]]
[06-24 17:37:21][INFO]
[[ 3.07260027e-02 -4.17085419e+00 1.20001333e+00 ... -3.27242682e+00
-1.20634402e+00 4.10834227e+00]
[ 0.00000000e+00 9.44381993e+00 -4.25161048e+00 ... 8.64897715e+00
6.10699293e+00 -5.49832475e+00]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... 4.21743671e+00
-5.66555185e+00 -7.48169064e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.49734629e+02
1.72582956e+02 -9.01093948e+01]
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... 5.18846519e+01
2.69090578e+01 -1.72690484e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.26984140e+02
-1.66142940e+02 7.92058738e+01]]
[06-24 17:37:21][INFO]
[[ 3.07260027e-02 -4.17085419e+00 1.20001333e+00 ... -3.27242682e+00
-1.20634402e+00 4.10834227e+00]
[ 0.00000000e+00 9.44381993e+00 -4.25161048e+00 ... 8.64897715e+00
6.10699293e+00 -5.49832475e+00]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... 4.21743671e+00

```



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-5.66555185e+00 -7.48169064e+00]
...
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-1.29360112e+03 5.84394683e+02]
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... -1.02232730e+02
-1.90829798e+02 8.28996473e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.34041035e+02
7.67761226e+02 -3.50427881e+02]]
[06-24 17:37:21][INFO]
[[ 3.07260027e-02 -4.17085419e+00 1.20001333e+00 ... -3.27242682e+00
-1.20634402e+00 4.10834227e+00]
[ 0.00000000e+00 9.44381993e+00 -4.25161048e+00 ... 8.64897715e+00
6.10699293e+00 -5.49832475e+00]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... 4.21743671e+00
-5.66555185e+00 -7.48169064e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.52777242e+02
5.50579046e+02 -2.58472247e+02]
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... 3.01253073e+01
6.86163011e+01 -3.56779957e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.69507085e+01
-1.06088545e+01 5.31957412e+00]]
[06-24 17:37:21][INFO]
[[ 3.07260027e-02 -4.17085419e+00 1.20001333e+00 ... -3.27242682e+00
-1.20634402e+00 4.10834227e+00]
[ 0.00000000e+00 9.44381993e+00 -4.25161048e+00 ... 8.64897715e+00
6.10699293e+00 -5.49832475e+00]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... 4.21743671e+00
-5.66555185e+00 -7.48169064e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.07429950e+02
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9.61191731e+01 -5.70739955e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.26941809e+01
1.16357847e+02 -6.06985201e+01]]
[06-24 17:37:21][INFO]
[[ 3.07260027e-02 -4.17085419e+00 1.20001333e+00 ... -3.27242682e+00
-1.20634402e+00 4.10834227e+00]
[ 0.00000000e+00 9.44381993e+00 -4.25161048e+00 ... 8.64897715e+00
6.10699293e+00 -5.49832475e+00]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... 4.21743671e+00
-5.66555185e+00 -7.48169064e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.09637446e+02
-1.75196517e+03 6.14140614e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.06037156e+02
1.82173365e+03 -6.26715330e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.10342003e+02
1.89186928e+03 -6.46811300e+02]]
[06-24 17:37:21][INFO]
[[ 3.07260027e-02 -4.17085419e+00 1.20001333e+00 ... -3.27242682e+00
-1.20634402e+00 4.10834227e+00]
[ 0.00000000e+00 9.44381993e+00 -4.25161048e+00 ... 8.64897715e+00

```

```

6.10699293e+00 -5.49832475e+00]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... 4.21743671e+00
-5.66555185e+00 -7.48169064e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.23278653e+02
-2.49779396e+01 2.51444146e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.18179517e+02
6.47727678e+01 -2.57723889e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.18647471e+02
5.81789173e+01 -2.61705374e+02]]
[06-24 17:37:21][INFO]
[[ 3.07260027e-02 -4.17085419e+00 1.20001333e+00 ... -3.27242682e+00
-1.20634402e+00 4.10834227e+00]
[ 0.00000000e+00 9.44381993e+00 -4.25161048e+00 ... 8.64897715e+00
6.10699293e+00 -5.49832475e+00]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... 4.21743671e+00
-5.66555185e+00 -7.48169064e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.98819357e+03
-2.37926549e+03 4.71496858e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.67981061e+03
5.17214638e+02 -1.11551432e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.60652384e+03
1.56002096e+03 -3.10906725e+03]]
[06-24 17:37:21][INFO]
[[ 3.07260027e-02 -4.17085419e+00 1.20001333e+00 ... -3.27242682e+00
-1.20634402e+00 4.10834227e+00]
[ 0.00000000e+00 9.44381993e+00 -4.25161048e+00 ... 8.64897715e+00
6.10699293e+00 -5.49832475e+00]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... 4.21743671e+00
-5.66555185e+00 -7.48169064e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.93123608e+03
-4.75338178e+03 2.51106382e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 7.11857459e+02
1.08365719e+03 -5.89682696e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.98108353e+03
3.09641877e+03 -1.68282101e+03]]
[06-24 17:37:21][INFO]
[[ 3.07260027e-02 -4.17085419e+00 1.20001333e+00 ... -3.27242682e+00
-1.20634402e+00 4.10834227e+00]
[ 0.00000000e+00 9.44381993e+00 -4.25161048e+00 ... 8.64897715e+00
6.10699293e+00 -5.49832475e+00]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... 4.21743671e+00
-5.66555185e+00 -7.48169064e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.08134793e+03
6.10073757e+01 -5.23555849e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.37102093e+02
6.50562945e+01 5.23647603e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.33118982e+02
7.98216625e+01 2.18609185e+02]]
[06-24 17:37:21][INFO]
[[ 3.07260027e-02 -4.17085419e+00 1.20001333e+00 ... -3.27242682e+00

```

```

-1.20634402e+00  4.10834227e+00]
[ 0.00000000e+00  9.44381993e+00 -4.25161048e+00 ... 8.64897715e+00
 6.10699293e+00 -5.49832475e+00]
[ 0.00000000e+00  0.00000000e+00  6.24213751e+00 ... 4.21743671e+00
-5.66555185e+00 -7.48169064e+00]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -3.15614095e+02
 6.67264928e+02 -4.41271432e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 6.17488689e+00
 2.87654317e+00  4.39254021e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 8.40212056e+01
-1.88006591e+02  1.82258146e+02]]
[06-24 17:37:21][INFO]
[[ 3.07260027e-02 -4.17085419e+00  1.20001333e+00 ... -3.27242682e+00
-1.20634402e+00  4.10834227e+00]
[ 0.00000000e+00  9.44381993e+00 -4.25161048e+00 ... 8.64897715e+00
 6.10699293e+00 -5.49832475e+00]
[ 0.00000000e+00  0.00000000e+00  6.24213751e+00 ... 4.21743671e+00
-5.66555185e+00 -7.48169064e+00]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -4.88233842e+02
 5.86850799e+02 -1.66921163e+03]
[ 0.00000000e+00  0.00000000e+00  3.55271368e-15 ... 8.88462990e+01
-1.32437300e+02  4.10655380e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 1.23670337e+02
-1.69536222e+02  4.64304453e+02]]
[06-24 17:37:21][INFO]
[[ 3.07260027e-02 -4.17085419e+00  1.20001333e+00 ... -3.27242682e+00
-1.20634402e+00  4.10834227e+00]
[ 0.00000000e+00  9.44381993e+00 -4.25161048e+00 ... 8.64897715e+00
 6.10699293e+00 -5.49832475e+00]
[ 0.00000000e+00  0.00000000e+00  6.24213751e+00 ... 4.21743671e+00
-5.66555185e+00 -7.48169064e+00]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 8.58535276e+01
-5.31103358e+02 -1.83840310e+02]
[ 0.00000000e+00  0.00000000e+00  3.55271368e-15 ... -5.11254610e+01
 1.40137954e+02  4.84978965e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -3.78810614e+01
 1.45062333e+02  4.63126528e+01]]
[06-24 17:37:21][INFO]
[[ 3.07260027e-02 -4.17085419e+00  1.20001333e+00 ... -3.27242682e+00
-1.20634402e+00  4.10834227e+00]
[ 0.00000000e+00  9.44381993e+00 -4.25161048e+00 ... 8.64897715e+00
 6.10699293e+00 -5.49832475e+00]
[ 0.00000000e+00  0.00000000e+00  6.24213751e+00 ... 4.21743671e+00
-5.66555185e+00 -7.48169064e+00]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.22556820e+03
-1.73612714e+03 -8.32079344e+02]
[ 0.00000000e+00  0.00000000e+00  3.55271368e-15 ... 4.03583983e+02
 5.57956025e+02  2.73261910e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 4.26977589e+02
 5.72206187e+02  2.76093444e+02]]

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[06-24 17:37:21][INFO]
[[ 3.07260027e-02 -4.17085419e+00 1.20001333e+00 ... -3.27242682e+00
-1.20634402e+00 4.10834227e+00]
[ 0.00000000e+00 9.44381993e+00 -4.25161048e+00 ... 8.64897715e+00
6.10699293e+00 -5.49832475e+00]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... 4.21743671e+00
-5.66555185e+00 -7.48169064e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.03029113e+02
1.10829517e+02 -2.02026147e+02]
[ 0.00000000e+00 0.00000000e+00 3.55271368e-15 ... 8.67911172e+01
-1.42496756e+01 7.80651093e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.03906694e+02
-1.13391743e+01 7.70283397e+01]]]
[06-24 17:37:21][INFO]
[[ 3.07260027e-02 -4.17085419e+00 1.20001333e+00 ... -3.27242682e+00
-1.20634402e+00 4.10834227e+00]
[ 0.00000000e+00 9.44381993e+00 -4.25161048e+00 ... 8.64897715e+00
6.10699293e+00 -5.49832475e+00]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... 4.21743671e+00
-5.66555185e+00 -7.48169064e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.45053660e+03
-4.61418206e+02 1.50816871e+03]
[ 0.00000000e+00 0.00000000e+00 3.55271368e-15 ... -3.36933654e+02
1.32388304e+02 -3.60170830e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.46203533e+02
1.44429992e+02 -3.88496670e+02]]]
[06-24 17:37:21][INFO]
[[ 3.07260027e-02 -4.17085419e+00 1.20001333e+00 ... -3.27242682e+00
-1.20634402e+00 4.10834227e+00]
[ 0.00000000e+00 9.44381993e+00 -4.25161048e+00 ... 8.64897715e+00
6.10699293e+00 -5.49832475e+00]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... 4.21743671e+00
-5.66555185e+00 -7.48169064e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.53445699e+02
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[ 0.00000000e+00 0.00000000e+00 3.55271368e-15 ... -2.24093870e+02
-9.39832216e+01 3.23160314e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.25974271e+02
-9.67658039e+01 2.96927673e+01]]]
[06-24 17:37:21][INFO]
[[ 3.07260027e-02 -4.17085419e+00 1.20001333e+00 ... -3.27242682e+00
-1.20634402e+00 4.10834227e+00]
[ 0.00000000e+00 9.44381993e+00 -4.25161048e+00 ... 8.64897715e+00
6.10699293e+00 -5.49832475e+00]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... 4.21743671e+00
-5.66555185e+00 -7.48169064e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.51413893e+04
6.61131668e+03 -2.08512599e+03]
[ 0.00000000e+00 0.00000000e+00 3.55271368e-15 ... -1.35948225e+03
-5.80174719e+02 1.81504798e+02]]]
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[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.45097781e+03
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[[ 3.07260027e-02 -4.17085419e+00 1.20001333e+00 ... -3.27242682e+00
-1.20634402e+00 4.10834227e+00]
[ 0.00000000e+00 9.44381993e+00 -4.25161048e+00 ... 8.64897715e+00
6.10699293e+00 -5.49832475e+00]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... 4.21743671e+00
-5.66555185e+00 -7.48169064e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.74573369e+02
9.80862899e+02 -1.70683736e+03]
[ 0.00000000e+00 0.00000000e+00 3.55271368e-15 ... -7.59033187e+01
-7.00296124e+01 1.47230102e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.06443028e+02
-2.93770263e+02 5.13141672e+02]]
[06-24 17:37:21][INFO]
[[ 3.07260027e-02 -4.17085419e+00 1.20001333e+00 ... -3.27242682e+00
-1.20634402e+00 4.10834227e+00]
[ 0.00000000e+00 9.44381993e+00 -4.25161048e+00 ... 8.64897715e+00
6.10699293e+00 -5.49832475e+00]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... 4.21743671e+00
-5.66555185e+00 -7.48169064e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.15425533e+02
-2.85849998e+02 3.62324993e+02]
[ 0.00000000e+00 0.00000000e+00 3.55271368e-15 ... 4.70538795e+01
6.08540957e+01 -6.65670748e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.10269532e+01
6.54549231e+01 -7.36489351e+01]]
[06-24 17:37:21][INFO]
[[ 3.07260027e-02 -4.17085419e+00 1.20001333e+00 ... -3.27242682e+00
-1.20634402e+00 4.10834227e+00]
[ 0.00000000e+00 9.44381993e+00 -4.25161048e+00 ... 8.64897715e+00
6.10699293e+00 -5.49832475e+00]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... 4.21743671e+00
-5.66555185e+00 -7.48169064e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -8.45517400e+01
-1.66355369e+03 1.28097795e+03]
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4.59361681e+02 -3.32291972e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.16975941e+01
2.68934389e+02 -2.09329063e+02]]
[06-24 17:37:21][INFO]
[[ 3.07260027e-02 -4.17085419e+00 1.20001333e+00 ... -3.27242682e+00
-1.20634402e+00 4.10834227e+00]
[ 0.00000000e+00 9.44381993e+00 -4.25161048e+00 ... 8.64897715e+00
6.10699293e+00 -5.49832475e+00]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... 4.21743671e+00
-5.66555185e+00 -7.48169064e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.58696361e+01
2.60560652e+01 2.59142430e+00]]
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[ 0.00000000e+00 0.00000000e+00 3.55271368e-15 ... -4.10802679e+01
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[06-24 17:37:21][INFO]
[[ 3.07260027e-02 -4.17085419e+00 1.20001333e+00 ... -3.27242682e+00
-1.20634402e+00 4.10834227e+00]
[ 0.00000000e+00 9.44381993e+00 -4.25161048e+00 ... 8.64897715e+00
6.10699293e+00 -5.49832475e+00]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... 4.21743671e+00
-5.66555185e+00 -7.48169064e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.58510422e+02
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[[ 3.07260027e-02 -4.17085419e+00 1.20001333e+00 ... -3.27242682e+00
-1.20634402e+00 4.10834227e+00]
[ 0.00000000e+00 9.44381993e+00 -4.25161048e+00 ... 8.64897715e+00
6.10699293e+00 -5.49832475e+00]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... 4.21743671e+00
-5.66555185e+00 -7.48169064e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.25914543e+03
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-2.85241582e+02 2.43127334e+02]
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-3.00377359e+02 2.29807067e+02]]
[06-24 17:37:21][INFO]
[[ 3.07260027e-02 -4.17085419e+00 1.20001333e+00 ... -3.27242682e+00
-1.20634402e+00 4.10834227e+00]
[ 0.00000000e+00 9.44381993e+00 -4.25161048e+00 ... 8.64897715e+00
6.10699293e+00 -5.49832475e+00]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... 4.21743671e+00
-5.66555185e+00 -7.48169064e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -8.01260100e+02
1.61528200e+02 9.12645745e+01]
[ 0.00000000e+00 0.00000000e+00 3.55271368e-15 ... 4.05564470e+02
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[06-24 17:37:21][INFO]
[[ 3.07260027e-02 -4.17085419e+00 1.20001333e+00 ... -3.27242682e+00
-1.20634402e+00 4.10834227e+00]
[ 0.00000000e+00 9.44381993e+00 -4.25161048e+00 ... 8.64897715e+00
6.10699293e+00 -5.49832475e+00]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... 4.21743671e+00
-5.66555185e+00 -7.48169064e+00]
...

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```

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-1.13023434e+02 5.80133444e+02]
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-1.16844134e+02 5.92528167e+02]]
[06-24 17:37:21][INFO]
[[ 3.07260027e-02 -4.17085419e+00 1.20001333e+00 ... -3.27242682e+00
-1.20634402e+00 4.10834227e+00]
[ 0.00000000e+00 9.44381993e+00 -4.25161048e+00 ... 8.64897715e+00
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[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... 4.21743671e+00
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...
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[06-24 17:37:21][INFO]
[[ 3.07260027e-02 -4.17085419e+00 1.20001333e+00 ... -3.27242682e+00
-1.20634402e+00 4.10834227e+00]
[ 0.00000000e+00 9.44381993e+00 -4.25161048e+00 ... 8.64897715e+00
6.10699293e+00 -5.49832475e+00]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... 4.21743671e+00
-5.66555185e+00 -7.48169064e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.07784676e+01
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-9.67540411e+00 6.22113031e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.25324231e+00
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[06-24 17:37:21][INFO]
[[ 3.07260027e-02 -4.17085419e+00 1.20001333e+00 ... -3.27242682e+00
-1.20634402e+00 4.10834227e+00]
[ 0.00000000e+00 9.44381993e+00 -4.25161048e+00 ... 8.64897715e+00
6.10699293e+00 -5.49832475e+00]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... 4.21743671e+00
-5.66555185e+00 -7.48169064e+00]
...
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6.66688288e+01 -6.36255505e+02]
[ 0.00000000e+00 0.00000000e+00 3.55271368e-15 ... 6.50738964e+02
-2.42408179e+01 5.05093730e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.05319699e+02
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[06-24 17:37:21][INFO]
[[ 3.07260027e-02 -4.17085419e+00 1.20001333e+00 ... -3.27242682e+00
-1.20634402e+00 4.10834227e+00]
[ 0.00000000e+00 9.44381993e+00 -4.25161048e+00 ... 8.64897715e+00
6.10699293e+00 -5.49832475e+00]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... 4.21743671e+00

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-5.66555185e+00 -7.48169064e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.48081560e+02
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[ 0.00000000e+00 0.00000000e+00 3.55271368e-15 ... 4.12229156e+02
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[06-24 17:37:21][INFO]
[[ 3.07260027e-02 -4.17085419e+00 1.20001333e+00 ... -3.27242682e+00
-1.20634402e+00 4.10834227e+00]
[ 0.00000000e+00 9.44381993e+00 -4.25161048e+00 ... 8.64897715e+00
6.10699293e+00 -5.49832475e+00]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... 4.21743671e+00
-5.66555185e+00 -7.48169064e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.28176121e+02
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[ 0.00000000e+00 0.00000000e+00 3.55271368e-15 ... -6.04518062e+01
9.66577744e+01 -2.92886483e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.67936584e+02
1.18622519e+02 -1.04708864e+02]]
[06-24 17:37:21][INFO]
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[ 0.00000000e+00 9.44381993e+00 -4.25161048e+00 ... 8.64897715e+00
6.10699293e+00 -5.49832475e+00]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... 4.21743671e+00
-5.66555185e+00 -7.48169064e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.48333873e+01
1.23709125e+02 -3.30649343e+01]
[ 0.00000000e+00 0.00000000e+00 3.55271368e-15 ... 5.95106452e+01
1.53606583e+01 2.85019030e+01]
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[06-24 17:37:21][INFO]
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-1.20634402e+00 4.10834227e+00]
[ 0.00000000e+00 9.44381993e+00 -4.25161048e+00 ... 8.64897715e+00
6.10699293e+00 -5.49832475e+00]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... 4.21743671e+00
-5.66555185e+00 -7.48169064e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.77546898e+02
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[ 0.00000000e+00 5.68434189e-14 0.00000000e+00 ... 1.31376122e+02
2.62116913e+00 6.70775379e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.62431619e+02
1.42093465e+01 5.40847010e+01]]
[06-24 17:37:21][INFO]
[[ 3.07260027e-02 -4.17085419e+00 1.20001333e+00 ... -3.27242682e+00
-1.20634402e+00 4.10834227e+00]
[ 0.00000000e+00 9.44381993e+00 -4.25161048e+00 ... 8.64897715e+00

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6.10699293e+00 -5.49832475e+00]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... 4.21743671e+00
-5.66555185e+00 -7.48169064e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.41245224e+01
-3.87377661e+01 7.11943471e+01]
[ 0.00000000e+00 5.68434189e-14 0.00000000e+00 ... -2.23761448e+01
4.14981999e+00 -2.02653651e+01]
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[06-24 17:37:21][INFO]
[[ 3.07260027e-02 -4.17085419e+00 1.20001333e+00 ... -3.27242682e+00
-1.20634402e+00 4.10834227e+00]
[ 0.00000000e+00 9.44381993e+00 -4.25161048e+00 ... 8.64897715e+00
6.10699293e+00 -5.49832475e+00]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... 4.21743671e+00
-5.66555185e+00 -7.48169064e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.50109299e+01
1.30892264e+02 -2.43664671e+02]
[ 0.00000000e+00 5.68434189e-14 0.00000000e+00 ... 2.48986058e+02
-7.40085291e+02 1.34752990e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.79992755e+02
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[06-24 17:37:21][INFO]
[[ 3.07260027e-02 -4.17085419e+00 1.20001333e+00 ... -3.27242682e+00
-1.20634402e+00 4.10834227e+00]
[ 0.00000000e+00 9.44381993e+00 -4.25161048e+00 ... 8.64897715e+00
6.10699293e+00 -5.49832475e+00]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... 4.21743671e+00
-5.66555185e+00 -7.48169064e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.72262699e+02
2.40649392e+03 -4.24978836e+03]
[ 0.00000000e+00 5.68434189e-14 0.00000000e+00 ... 1.26690885e+03
-6.03768942e+03 1.06737920e+04]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.06618228e+03
5.10777790e+03 -9.04230879e+03]]
[06-24 17:37:21][INFO]
[[ 3.07260027e-02 -4.17085419e+00 1.20001333e+00 ... -3.27242682e+00
-1.20634402e+00 4.10834227e+00]
[ 0.00000000e+00 9.44381993e+00 -4.25161048e+00 ... 8.64897715e+00
6.10699293e+00 -5.49832475e+00]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... 4.21743671e+00
-5.66555185e+00 -7.48169064e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.90797519e+01
1.04043091e+01 -3.75065610e+01]
[ 0.00000000e+00 5.68434189e-14 0.00000000e+00 ... 8.61580617e+01
-2.09754505e+01 4.84748608e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.56956388e+01
9.63013219e+00 -3.91490953e+01]]
[06-24 17:37:21][INFO]
[[ 3.07260027e-02 -4.17085419e+00 1.20001333e+00 ... -3.27242682e+00

```

```

-1.20634402e+00  4.10834227e+00]
[ 0.00000000e+00  9.44381993e+00 -4.25161048e+00 ... 8.64897715e+00
 6.10699293e+00 -5.49832475e+00]
[ 0.00000000e+00  0.00000000e+00  6.24213751e+00 ... 4.21743671e+00
-5.66555185e+00 -7.48169064e+00]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -6.56956388e+01
 9.63013219e+00 -3.91490953e+01]
[ 0.00000000e+00  5.68434189e-14  0.00000000e+00 ... -1.54315869e+00
-8.11958421e+00 -3.78771700e+00]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 4.72826527e+01
-6.65291658e+00  3.18356808e+01]]
[06-24 17:37:21][INFO]
[[ 3.07260027e-02 -4.17085419e+00  1.20001333e+00 ... -3.27242682e+00
-1.20634402e+00  4.10834227e+00]
[ 0.00000000e+00  9.44381993e+00 -4.25161048e+00 ... 8.64897715e+00
 6.10699293e+00 -5.49832475e+00]
[ 0.00000000e+00  0.00000000e+00  6.24213751e+00 ... 4.21743671e+00
-5.66555185e+00 -7.48169064e+00]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -6.56956388e+01
 9.63013219e+00 -3.91490953e+01]
[ 0.00000000e+00  5.68434189e-14  0.00000000e+00 ... -1.54315869e+00
-8.11958421e+00 -3.78771700e+00]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 0.00000000e+00
-2.55438400e+02 -8.42206320e+01]]
n = 47: 0.175679 segundos
[06-24 17:37:21][INFO]
[[ -6.15298526e-02 -4.90299645e+00 -3.59955188e+00 ... 4.29260975e+00
-1.96546784e+00  3.63935807e+00]
[ 0.00000000e+00  3.73277671e+01  2.99147211e+01 ... -3.30090129e+01
 1.12301327e+01 -3.21007038e+01]
[ 0.00000000e+00 -2.18752799e+02 -1.58510002e+02 ... 1.91506306e+02
-8.77731381e+01  1.60848099e+02]
...
[ 0.00000000e+00  7.15356005e+01  4.73060904e+01 ... -5.76102984e+01
 2.78755452e+01 -4.70295247e+01]
[ 0.00000000e+00  1.47609079e+02  1.08047650e+02 ... -1.28898709e+02
 6.08347331e+01 -1.04787882e+02]
[ 0.00000000e+00  2.00037868e+02  1.48346366e+02 ... -1.68720634e+02
 7.40201856e+01 -1.49788358e+02]]
[06-24 17:37:21][INFO]
[[ -6.15298526e-02 -4.90299645e+00 -3.59955188e+00 ... 4.29260975e+00
-1.96546784e+00  3.63935807e+00]
[ 0.00000000e+00 -7.27418133e+00 -4.87712700e+00 ... 1.25044110e+01
-8.13904204e+00  1.11075727e+01]
[ 0.00000000e+00  0.00000000e+00 -1.18426134e+01 ... -1.84532563e+02
 1.56988183e+02 -1.73184353e+02]
...
[ 0.00000000e+00  0.00000000e+00 -6.56449034e-01 ... 6.53603169e+01
-5.21652503e+01  6.22043327e+01]
[ 0.00000000e+00  0.00000000e+00  9.08005611e+00 ... 1.24843192e+02
-1.04324265e+02  1.20609108e+02]
[ 0.00000000e+00  0.00000000e+00  1.42267946e+01 ... 1.75147027e+02

```

```

-1.49801100e+02  1.55666657e+02]]
[06-24 17:37:21][INFO]
[[-6.15298526e-02 -4.90299645e+00 -3.59955188e+00 ... 4.29260975e+00
-1.96546784e+00  3.63935807e+00]
[ 0.00000000e+00 -7.27418133e+00 -4.87712700e+00 ... 1.25044110e+01
-8.13904204e+00  1.11075727e+01]
[ 0.00000000e+00  0.00000000e+00 -6.56449034e-01 ... 6.53603169e+01
-5.21652503e+01  6.22043327e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.36365984e+03
1.09807098e+03 -1.29537636e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 1.02891238e+03
-8.25878225e+02  9.81024467e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 1.59165883e+03
-1.28034478e+03  1.50378086e+03]]
[06-24 17:37:21][INFO]
[[-6.15298526e-02 -4.90299645e+00 -3.59955188e+00 ... 4.29260975e+00
-1.96546784e+00  3.63935807e+00]
[ 0.00000000e+00 -7.27418133e+00 -4.87712700e+00 ... 1.25044110e+01
-8.13904204e+00  1.11075727e+01]
[ 0.00000000e+00  0.00000000e+00 -6.56449034e-01 ... 6.53603169e+01
-5.21652503e+01  6.22043327e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 3.30917498e+02
-2.30487965e+02  3.70278008e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.08734382e+02
1.44444365e+02 -2.35498198e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -3.16000487e+02
2.15271735e+02 -3.71318620e+02]]
[06-24 17:37:21][INFO]
[[-6.15298526e-02 -4.90299645e+00 -3.59955188e+00 ... 4.29260975e+00
-1.96546784e+00  3.63935807e+00]
[ 0.00000000e+00 -7.27418133e+00 -4.87712700e+00 ... 1.25044110e+01
-8.13904204e+00  1.11075727e+01]
[ 0.00000000e+00  0.00000000e+00 -6.56449034e-01 ... 6.53603169e+01
-5.21652503e+01  6.22043327e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -5.79320607e+02
9.17763764e+02 -5.37417371e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 3.50195230e+02
-5.60636965e+02  2.48701503e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 5.52850403e+02
-8.80770644e+02  3.34215594e+01]]
[06-24 17:37:21][INFO]
[[-6.15298526e-02 -4.90299645e+00 -3.59955188e+00 ... 4.29260975e+00
-1.96546784e+00  3.63935807e+00]
[ 0.00000000e+00 -7.27418133e+00 -4.87712700e+00 ... 1.25044110e+01
-8.13904204e+00  1.11075727e+01]
[ 0.00000000e+00  0.00000000e+00 -6.56449034e-01 ... 6.53603169e+01
-5.21652503e+01  6.22043327e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.49548065e+00
-3.22236903e+02 -3.36085705e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.49390007e+00

```

```

1.95388970e+02 1.97014705e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.89229172e+00
 3.01474016e+02 3.02614680e+02]]
[06-24 17:37:21][INFO]
[[-6.15298526e-02 -4.90299645e+00 -3.59955188e+00 ... 4.29260975e+00
 -1.96546784e+00 3.63935807e+00]
 [ 0.00000000e+00 -7.27418133e+00 -4.87712700e+00 ... 1.25044110e+01
 -8.13904204e+00 1.11075727e+01]
 [ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... 6.53603169e+01
 -5.21652503e+01 6.22043327e+01]
 ...
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.16920667e-01
 -9.50595869e+01 -4.95357402e+01]
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.25038414e+00
 6.71814239e+01 3.53001968e+01]
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.75449192e-02
 8.54325506e+01 3.01109121e+01]]
[06-24 17:37:21][INFO]
[[-6.15298526e-02 -4.90299645e+00 -3.59955188e+00 ... 4.29260975e+00
 -1.96546784e+00 3.63935807e+00]
 [ 0.00000000e+00 -7.27418133e+00 -4.87712700e+00 ... 1.25044110e+01
 -8.13904204e+00 1.11075727e+01]
 [ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... 6.53603169e+01
 -5.21652503e+01 6.22043327e+01]
 ...
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.02733670e+01
 1.97973545e+01 -2.12052745e+01]
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.05055693e+00
 -2.03663741e+01 1.37057694e+01]
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.06352830e+01
 -2.74473037e+01 2.26811214e+00]]
[06-24 17:37:21][INFO]
[[-6.15298526e-02 -4.90299645e+00 -3.59955188e+00 ... 4.29260975e+00
 -1.96546784e+00 3.63935807e+00]
 [ 0.00000000e+00 -7.27418133e+00 -4.87712700e+00 ... 1.25044110e+01
 -8.13904204e+00 1.11075727e+01]
 [ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... 6.53603169e+01
 -5.21652503e+01 6.22043327e+01]
 ...
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.89343886e+04
 -4.29438205e+04 2.46227960e+04]
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.36856842e+04
 3.51446557e+04 -2.01570082e+04]
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.07463427e+04
 4.56262574e+04 -2.61847713e+04]]
[06-24 17:37:21][INFO]
[[-6.15298526e-02 -4.90299645e+00 -3.59955188e+00 ... 4.29260975e+00
 -1.96546784e+00 3.63935807e+00]
 [ 0.00000000e+00 -7.27418133e+00 -4.87712700e+00 ... 1.25044110e+01
 -8.13904204e+00 1.11075727e+01]
 [ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... 6.53603169e+01
 -5.21652503e+01 6.22043327e+01]
 ...
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.66966289e+02

```

```

-1.01438954e+03  8.75445165e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -3.91499534e+02
 8.34843618e+02 -7.25140800e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -4.85085618e+02
 1.05470197e+03 -9.41014423e+02]]
[06-24 17:37:21][INFO]
[[-6.15298526e-02 -4.90299645e+00 -3.59955188e+00 ... 4.29260975e+00
-1.96546784e+00 3.63935807e+00]
[ 0.00000000e+00 -7.27418133e+00 -4.87712700e+00 ... 1.25044110e+01
-8.13904204e+00 1.11075727e+01]
[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... 6.53603169e+01
-5.21652503e+01 6.22043327e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.67572547e+00
-3.02256757e+01 -3.49542095e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.96032154e+00
1.17338808e+01 3.62756879e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.85288317e+01
3.82201298e+00 3.11005824e+01]]
[06-24 17:37:21][INFO]
[[-6.15298526e-02 -4.90299645e+00 -3.59955188e+00 ... 4.29260975e+00
-1.96546784e+00 3.63935807e+00]
[ 0.00000000e+00 -7.27418133e+00 -4.87712700e+00 ... 1.25044110e+01
-8.13904204e+00 1.11075727e+01]
[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... 6.53603169e+01
-5.21652503e+01 6.22043327e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.38227329e+03
-6.90313988e+03 -9.25301604e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.23823031e+03
-6.10954714e+03 -8.17368376e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.31016454e+02
-3.03131110e+03 -4.03966821e+03]]
[06-24 17:37:21][INFO]
[[-6.15298526e-02 -4.90299645e+00 -3.59955188e+00 ... 4.29260975e+00
-1.96546784e+00 3.63935807e+00]
[ 0.00000000e+00 -7.27418133e+00 -4.87712700e+00 ... 1.25044110e+01
-8.13904204e+00 1.11075727e+01]
[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... 6.53603169e+01
-5.21652503e+01 6.22043327e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.34566542e+03
6.86420126e+02 -3.00752121e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.17409976e+03
6.01939365e+02 -2.57151258e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.57629562e+02
2.75691448e+02 -1.38894051e+02]]
[06-24 17:37:21][INFO]
[[-6.15298526e-02 -4.90299645e+00 -3.59955188e+00 ... 4.29260975e+00
-1.96546784e+00 3.63935807e+00]
[ 0.00000000e+00 -7.27418133e+00 -4.87712700e+00 ... 1.25044110e+01
-8.13904204e+00 1.11075727e+01]
[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... 6.53603169e+01
-5.21652503e+01 6.22043327e+01]

```

```

...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.61519306e+01
-7.30944751e+01 8.93826980e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.05998119e+01
-5.87928685e+01 8.22426789e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.79744360e+01
-5.09123988e+01 2.88703780e+01]]
[06-24 17:37:21][INFO]
[[-6.15298526e-02 -4.90299645e+00 -3.59955188e+00 ... 4.29260975e+00
-1.96546784e+00 3.63935807e+00]
[ 0.00000000e+00 -7.27418133e+00 -4.87712700e+00 ... 1.25044110e+01
-8.13904204e+00 1.11075727e+01]
[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... 6.53603169e+01
-5.21652503e+01 6.22043327e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.71230084e+01
2.64812823e+01 9.76468593e-01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.77147643e+01
3.15115150e+01 2.06784265e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.24219113e+00
-2.81646811e+00 -1.38305765e+01]]
[06-24 17:37:21][INFO]
[[-6.15298526e-02 -4.90299645e+00 -3.59955188e+00 ... 4.29260975e+00
-1.96546784e+00 3.63935807e+00]
[ 0.00000000e+00 -7.27418133e+00 -4.87712700e+00 ... 1.25044110e+01
-8.13904204e+00 1.11075727e+01]
[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... 6.53603169e+01
-5.21652503e+01 6.22043327e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.28905035e+02
-6.28843569e+01 -2.23460122e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.74934803e+02
-4.48217849e+01 -1.89638788e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.23868591e+02
-3.25115179e+01 -8.84079619e+01]]
[06-24 17:37:21][INFO]
[[-6.15298526e-02 -4.90299645e+00 -3.59955188e+00 ... 4.29260975e+00
-1.96546784e+00 3.63935807e+00]
[ 0.00000000e+00 -7.27418133e+00 -4.87712700e+00 ... 1.25044110e+01
-8.13904204e+00 1.11075727e+01]
[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... 6.53603169e+01
-5.21652503e+01 6.22043327e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.23217505e+02
-1.36096928e+01 3.98405973e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.12659475e+02
-2.57974614e+00 3.60828760e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.49414184e+01
-1.41137257e+01 9.90121960e+00]]
[06-24 17:37:21][INFO]
[[-6.15298526e-02 -4.90299645e+00 -3.59955188e+00 ... 4.29260975e+00
-1.96546784e+00 3.63935807e+00]
[ 0.00000000e+00 -7.27418133e+00 -4.87712700e+00 ... 1.25044110e+01
-8.13904204e+00 1.11075727e+01]

```

```

[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... 6.53603169e+01
-5.21652503e+01 6.22043327e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.97627334e+03
1.40025333e+02 2.60484384e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.45007716e+03
1.11777068e+02 2.00317043e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 8.62745125e+02
5.23083053e+01 1.05293584e+02]]
[06-24 17:37:21][INFO]
[[-6.15298526e-02 -4.90299645e+00 -3.59955188e+00 ... 4.29260975e+00
-1.96546784e+00 3.63935807e+00]
[ 0.00000000e+00 -7.27418133e+00 -4.87712700e+00 ... 1.25044110e+01
-8.13904204e+00 1.11075727e+01]
[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... 6.53603169e+01
-5.21652503e+01 6.22043327e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.38313523e+02
-4.64944402e+00 1.34980794e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.26825429e+02
3.88931191e+00 1.06725741e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.48001293e+01
-1.04678606e+01 5.08360323e+01]]
[06-24 17:37:21][INFO]
[[-6.15298526e-02 -4.90299645e+00 -3.59955188e+00 ... 4.29260975e+00
-1.96546784e+00 3.63935807e+00]
[ 0.00000000e+00 -7.27418133e+00 -4.87712700e+00 ... 1.25044110e+01
-8.13904204e+00 1.11075727e+01]
[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... 6.53603169e+01
-5.21652503e+01 6.22043327e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.40099993e+04
3.05172060e+02 1.24609870e+04]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.70966121e+03
8.39112781e+01 3.29033707e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.43251376e+02
-2.60587102e+01 -5.69433726e+02]]
[06-24 17:37:21][INFO]
[[-6.15298526e-02 -4.90299645e+00 -3.59955188e+00 ... 4.29260975e+00
-1.96546784e+00 3.63935807e+00]
[ 0.00000000e+00 -7.27418133e+00 -4.87712700e+00 ... 1.25044110e+01
-8.13904204e+00 1.11075727e+01]
[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... 6.53603169e+01
-5.21652503e+01 6.22043327e+01]
...
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6.71635744e+02 5.69780645e+02]
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1.78419088e+02 2.23697952e+02]
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-5.39011351e+01 3.34011917e+02]]
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[[-6.15298526e-02 -4.90299645e+00 -3.59955188e+00 ... 4.29260975e+00
-1.96546784e+00 3.63935807e+00]

```

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[ 0.00000000e+00 -7.27418133e+00 -4.87712700e+00 ... 1.25044110e+01
-8.13904204e+00 1.11075727e+01]
[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... 6.53603169e+01
-5.21652503e+01 6.22043327e+01]
...
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-1.46140175e+04 -1.40615326e+04]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.21968394e+03
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[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.98224037e+04
7.29583970e+04 7.02208389e+04]]
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-8.13904204e+00 1.11075727e+01]
[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... 6.53603169e+01
-5.21652503e+01 6.22043327e+01]
...
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[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.26668019e+01
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[ 0.00000000e+00 -7.27418133e+00 -4.87712700e+00 ... 1.25044110e+01
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[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... 6.53603169e+01
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...
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-1.96546784e+00 3.63935807e+00]
[ 0.00000000e+00 -7.27418133e+00 -4.87712700e+00 ... 1.25044110e+01
-8.13904204e+00 1.11075727e+01]
[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... 6.53603169e+01
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...
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```



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[[-6.15298526e-02 -4.90299645e+00 -3.59955188e+00 ... 4.29260975e+00
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[ 0.00000000e+00 -7.27418133e+00 -4.87712700e+00 ... 1.25044110e+01
 -8.13904204e+00 1.11075727e+01]
[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... 6.53603169e+01
 -5.21652503e+01 6.22043327e+01]
...
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 5.17446228e+01 -6.10376903e+01]
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[ 0.00000000e+00 -7.27418133e+00 -4.87712700e+00 ... 1.25044110e+01
 -8.13904204e+00 1.11075727e+01]
[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... 6.53603169e+01
 -5.21652503e+01 6.22043327e+01]
...
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[ 0.00000000e+00 -7.27418133e+00 -4.87712700e+00 ... 1.25044110e+01
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[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... 6.53603169e+01
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[ 0.00000000e+00 -7.27418133e+00 -4.87712700e+00 ... 1.25044110e+01
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...
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-8.13904204e+00 1.11075727e+01]
[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... 6.53603169e+01
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...
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...
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[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... 6.53603169e+01
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...
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[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... 6.53603169e+01
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...
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[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... 6.53603169e+01
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[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... 6.53603169e+01
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[ 0.00000000e+00 -7.27418133e+00 -4.87712700e+00 ... 1.25044110e+01
 -8.13904204e+00 1.11075727e+01]
[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... 6.53603169e+01
 -5.21652503e+01 6.22043327e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.93304420e+01
 5.42956280e+01 -1.66919604e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.07096317e+02
 1.97374998e+02 -7.04368485e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.85647266e+01
 -1.96161074e+02 3.28491607e+01]]
[06-24 17:37:21][INFO]
[[-6.15298526e-02 -4.90299645e+00 -3.59955188e+00 ... 4.29260975e+00
 -1.96546784e+00 3.63935807e+00]
[ 0.00000000e+00 -7.27418133e+00 -4.87712700e+00 ... 1.25044110e+01
 -8.13904204e+00 1.11075727e+01]

```

```

[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... 6.53603169e+01
-5.21652503e+01 6.22043327e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.06636160e+00
2.26724858e+01 -6.26561186e-03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.45078445e+01
4.60951752e+01 9.38472417e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.30945703e+01
-9.45546986e+01 -2.07626203e+01]]
[06-24 17:37:21][INFO]
[[-6.15298526e-02 -4.90299645e+00 -3.59955188e+00 ... 4.29260975e+00
-1.96546784e+00 3.63935807e+00]
[ 0.00000000e+00 -7.27418133e+00 -4.87712700e+00 ... 1.25044110e+01
-8.13904204e+00 1.11075727e+01]
[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... 6.53603169e+01
-5.21652503e+01 6.22043327e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.85129703e+00
-9.02829455e+01 5.25916662e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.10471874e+01
3.37289550e+02 9.30425170e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.46738655e+01
-2.21604778e+02 -2.07275096e+01]]
[06-24 17:37:21][INFO]
[[-6.15298526e-02 -4.90299645e+00 -3.59955188e+00 ... 4.29260975e+00
-1.96546784e+00 3.63935807e+00]
[ 0.00000000e+00 -7.27418133e+00 -4.87712700e+00 ... 1.25044110e+01
-8.13904204e+00 1.11075727e+01]
[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... 6.53603169e+01
-5.21652503e+01 6.22043327e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.84762872e+00
4.66448265e+01 -1.23645165e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 8.74843035e+00
-2.19736239e+02 5.33690475e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.18788829e+01
8.38967242e+01 -3.08327800e+02]]
[06-24 17:37:21][INFO]
[[-6.15298526e-02 -4.90299645e+00 -3.59955188e+00 ... 4.29260975e+00
-1.96546784e+00 3.63935807e+00]
[ 0.00000000e+00 -7.27418133e+00 -4.87712700e+00 ... 1.25044110e+01
-8.13904204e+00 1.11075727e+01]
[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... 6.53603169e+01
-5.21652503e+01 6.22043327e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.97762461e+00
-5.18891882e-01 3.09598284e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.14276122e+01
-2.55984329e+01 1.90738944e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.43278510e+01
-3.58896685e+01 9.19955315e+00]]
[06-24 17:37:21][INFO]
[[-6.15298526e-02 -4.90299645e+00 -3.59955188e+00 ... 4.29260975e+00
-1.96546784e+00 3.63935807e+00]

```

```

[ 0.00000000e+00 -7.27418133e+00 -4.87712700e+00 ... 1.25044110e+01
-8.13904204e+00 1.11075727e+01]
[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... 6.53603169e+01
-5.21652503e+01 6.22043327e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.43488089e+01
-9.50016517e+01 1.19144611e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.64197555e+01
1.65860499e+01 -2.02986796e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.81171113e+02
1.86555309e+02 -1.98417816e+02]]
[06-24 17:37:21][INFO]
[[-6.15298526e-02 -4.90299645e+00 -3.59955188e+00 ... 4.29260975e+00
-1.96546784e+00 3.63935807e+00]
[ 0.00000000e+00 -7.27418133e+00 -4.87712700e+00 ... 1.25044110e+01
-8.13904204e+00 1.11075727e+01]
[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... 6.53603169e+01
-5.21652503e+01 6.22043327e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.64197555e+01
1.65860499e+01 -2.02986796e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.18951754e+02
-2.51170369e+02 3.10270213e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.86547877e+02
6.97050378e+02 -8.23182356e+02]]
[06-24 17:37:21][INFO]
[[-6.15298526e-02 -4.90299645e+00 -3.59955188e+00 ... 4.29260975e+00
-1.96546784e+00 3.63935807e+00]
[ 0.00000000e+00 -7.27418133e+00 -4.87712700e+00 ... 1.25044110e+01
-8.13904204e+00 1.11075727e+01]
[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... 6.53603169e+01
-5.21652503e+01 6.22043327e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.64197555e+01
1.65860499e+01 -2.02986796e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.18951754e+02
-2.51170369e+02 3.10270213e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 0.00000000e+00
-9.05225951e+01 1.49704829e+02]]
n = 52: 0.117536 segundos
[06-24 17:37:21][INFO]
[[ 2.14220423e-01 2.78988506e+00 -1.59891063e+00 ... 6.46111877e-02
3.70890570e+00 -2.86538484e+00]
[ 0.00000000e+00 6.49769815e+01 -3.26086460e+01 ... -3.23884682e+00
8.56617573e+01 -6.03958840e+01]
[ 0.00000000e+00 -3.76563593e+01 2.37747227e+01 ... 2.87053174e+00
-5.15503493e+01 3.73308584e+01]
...
[ 0.00000000e+00 -2.85217082e+01 1.64009595e+01 ... 2.59590774e+00
-3.56101722e+01 3.41212546e+01]
[ 0.00000000e+00 3.08248593e+01 -1.85715167e+01 ... -4.38802770e-01
3.65371386e+01 -2.76590047e+01]
[ 0.00000000e+00 -3.37485885e+01 1.68635674e+01 ... 1.96397652e+00
-4.40319281e+01 3.89792115e+01]]

```

```

[06-24 17:37:21][INFO]
[[ 0.21422042 2.78988506 -1.59891063 ... 0.06461119 3.7089057
-2.86538484]
[ 0. 7.67364721 -8.88556736 ... 0.39000461 15.93643818
-10.72314466]
[ 0. 0. -19.82880869 ... 4.78437447 26.65343376
-15.29008925]
...
[ 0. 0. -16.62526032 ... 4.04549195 23.62299653
-5.7349435 ]
[ 0. 0. 17.1215971 ... -2.00544208 -27.47915654
15.41561366]
[ 0. 0. -22.21502824 ... 3.67921113 26.05629453
-8.18102231]]
[06-24 17:37:21][INFO]
[[ 0.21422042 2.78988506 -1.59891063 ... 0.06461119 3.7089057
-2.86538484]
[ 0. 7.67364721 -8.88556736 ... 0.39000461 15.93643818
-10.72314466]
[ 0. 0. -3.01391755 ... -0.1065724 7.40904572
-6.08768212]
...
[ 0. 0. 0. ... 4.63336268 -17.24650697
27.84570307]
[ 0. 0. 0. ... -2.61086332 14.61048049
-19.16756217]
[ 0. 0. 0. ... 4.46473656 -28.5544097
36.69015547]]
[06-24 17:37:21][INFO]
[[ 2.14220423e-01 2.78988506e+00 -1.59891063e+00 ... 6.46111877e-02
3.70890570e+00 -2.86538484e+00]
[ 0.00000000e+00 7.67364721e+00 -8.88556736e+00 ... 3.90004615e-01
1.59364382e+01 -1.07231447e+01]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... -1.06572401e-01
7.40904572e+00 -6.08768212e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.58208752e+01
8.23493527e+01 -6.69870139e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.81481833e+01
-1.05432462e+02 9.51343614e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.81466957e+01
1.29773930e+02 -1.14066178e+02]]
[06-24 17:37:21][INFO]
[[ 2.14220423e-01 2.78988506e+00 -1.59891063e+00 ... 6.46111877e-02
3.70890570e+00 -2.86538484e+00]
[ 0.00000000e+00 7.67364721e+00 -8.88556736e+00 ... 3.90004615e-01
1.59364382e+01 -1.07231447e+01]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... -1.06572401e-01
7.40904572e+00 -6.08768212e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.49538339e+00
-7.14362018e+01 4.26269558e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.02893373e+00
1.10373111e+02 -5.86857136e+01]

```



```

[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.46179613e+00
-1.46236459e+02 8.26661782e+01]]
[06-24 17:37:21][INFO]
[[ 0.21422042 2.78988506 -1.59891063 ... 0.06461119 3.7089057
-2.86538484]
[ 0. 7.67364721 -8.88556736 ... 0.39000461 15.93643818
-10.72314466]
[ 0. 0. -3.01391755 ... -0.1065724 7.40904572
-6.08768212]
...
[ 0. 0. 0. ... 12.99364848 56.42664541
-2.48099821]
[ 0. 0. 0. ... -9.4104013 -54.54449205
-0.50543812]
[ 0. 0. 0. ... 12.9913909 41.27222205
16.51613401]]
[06-24 17:37:21][INFO]
[[ 2.14220423e-01 2.78988506e+00 -1.59891063e+00 ... 6.46111877e-02
3.70890570e+00 -2.86538484e+00]
[ 0.00000000e+00 7.67364721e+00 -8.88556736e+00 ... 3.90004615e-01
1.59364382e+01 -1.07231447e+01]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... -1.06572401e-01
7.40904572e+00 -6.08768212e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.75451645e+00
2.14574634e+02 7.51370029e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.60583146e+00
-1.91475334e+02 -6.77102024e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.13323025e+01
1.22275864e+02 5.62721932e+01]]
[06-24 17:37:21][INFO]
[[ 0.21422042 2.78988506 -1.59891063 ... 0.06461119 3.7089057
-2.86538484]
[ 0. 7.67364721 -8.88556736 ... 0.39000461 15.93643818
-10.72314466]
[ 0. 0. -3.01391755 ... -0.1065724 7.40904572
-6.08768212]
...
[ 0. 0. 0. ... 13.86817367 -24.9719533
-27.39088619]
[ 0. 0. 0. ... -10.49345434 34.90881548
29.18405646]
[ 0. 0. 0. ... 13.93491569 -29.27956982
-8.59476616]]
[06-24 17:37:21][INFO]
[[ 2.14220423e-01 2.78988506e+00 -1.59891063e+00 ... 6.46111877e-02
3.70890570e+00 -2.86538484e+00]
[ 0.00000000e+00 7.67364721e+00 -8.88556736e+00 ... 3.90004615e-01
1.59364382e+01 -1.07231447e+01]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... -1.06572401e-01
7.40904572e+00 -6.08768212e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.50998599e+02
-3.42525131e+03 -5.79901320e+02]

```

```

[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.65861074e+02
 2.61053290e+03 4.47696489e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.45302751e+02
-3.37143775e+03 -5.51661107e+02]]
[06-24 17:37:21][INFO]
[[ 2.14220423e-01 2.78988506e+00 -1.59891063e+00 ... 6.46111877e-02
 3.70890570e+00 -2.86538484e+00]
[ 0.00000000e+00 7.67364721e+00 -8.88556736e+00 ... 3.90004615e-01
 1.59364382e+01 -1.07231447e+01]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... -1.06572401e-01
 7.40904572e+00 -6.08768212e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.36507726e+01
-2.18504305e+02 2.56190838e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.20270068e+01
 1.66769555e+02 -1.89463652e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.32982905e+01
-2.17880102e+02 2.70563040e+02]]
[06-24 17:37:21][INFO]
[[ 2.14220423e-01 2.78988506e+00 -1.59891063e+00 ... 6.46111877e-02
 3.70890570e+00 -2.86538484e+00]
[ 0.00000000e+00 7.67364721e+00 -8.88556736e+00 ... 3.90004615e-01
 1.59364382e+01 -1.07231447e+01]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... -1.06572401e-01
 7.40904572e+00 -6.08768212e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.77527621e+00
-1.73022699e+01 5.30770846e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.99125518e+00
 1.94051458e+01 -4.06990623e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.64354501e+00
-2.31380415e+01 7.39706409e+01]]
[06-24 17:37:21][INFO]
[[ 0.21422042 2.78988506 -1.59891063 ... 0.06461119 3.7089057
-2.86538484]
[ 0. 7.67364721 -8.88556736 ... 0.39000461 15.93643818
-10.72314466]
[ 0. 0. -3.01391755 ... -0.1065724 7.40904572
-6.08768212]
...
[ 0. 0. 0. ... 9.92100255 -61.41924551
22.61347566]
[ 0. 0. 0. ... -1.62391038 42.16920323
-24.98004864]
[ 0. 0. 0. ... 8.26060122 -62.51962255
46.77691178]]
[06-24 17:37:21][INFO]
[[ 2.14220423e-01 2.78988506e+00 -1.59891063e+00 ... 6.46111877e-02
 3.70890570e+00 -2.86538484e+00]
[ 0.00000000e+00 7.67364721e+00 -8.88556736e+00 ... 3.90004615e-01
 1.59364382e+01 -1.07231447e+01]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... -1.06572401e-01
 7.40904572e+00 -6.08768212e+00]
...

```

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[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.53902482e+02
-1.25577379e+03 1.15352007e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.05794926e+01
-3.87646264e+02 3.82002240e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.51792736e+01
-3.79217879e+02 3.46651139e+02]]
[06-24 17:37:21][INFO]
[[ 2.14220423e-01 2.78988506e+00 -1.59891063e+00 ... 6.46111877e-02
3.70890570e+00 -2.86538484e+00]
[ 0.00000000e+00 7.67364721e+00 -8.88556736e+00 ... 3.90004615e-01
1.59364382e+01 -1.07231447e+01]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... -1.06572401e-01
7.40904572e+00 -6.08768212e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.89743925e+02
1.93152362e+03 -1.75392435e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.32742927e+02
5.69674465e+02 -4.91263245e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.75463648e+02
6.63872912e+02 -6.04853573e+02]]
[06-24 17:37:21][INFO]
[[ 2.14220423e-01 2.78988506e+00 -1.59891063e+00 ... 6.46111877e-02
3.70890570e+00 -2.86538484e+00]
[ 0.00000000e+00 7.67364721e+00 -8.88556736e+00 ... 3.90004615e-01
1.59364382e+01 -1.07231447e+01]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... -1.06572401e-01
7.40904572e+00 -6.08768212e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.31623564e+02
-1.99664372e+02 4.88407999e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.39124665e+01
-7.05227457e+01 1.82321125e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.55534825e+01
-5.98810394e+01 1.56645135e+02]]
[06-24 17:37:21][INFO]
[[ 2.14220423e-01 2.78988506e+00 -1.59891063e+00 ... 6.46111877e-02
3.70890570e+00 -2.86538484e+00]
[ 0.00000000e+00 7.67364721e+00 -8.88556736e+00 ... 3.90004615e-01
1.59364382e+01 -1.07231447e+01]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... -1.06572401e-01
7.40904572e+00 -6.08768212e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.78560439e+04
-8.42733498e+04 2.03986516e+05]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.04049265e+04
4.42917563e+04 -1.07195389e+05]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.17311070e+04
3.16425312e+04 -7.65781960e+04]]
[06-24 17:37:21][INFO]
[[ 2.14220423e-01 2.78988506e+00 -1.59891063e+00 ... 6.46111877e-02
3.70890570e+00 -2.86538484e+00]
[ 0.00000000e+00 7.67364721e+00 -8.88556736e+00 ... 3.90004615e-01
1.59364382e+01 -1.07231447e+01]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... -1.06572401e-01
7.40904572e+00 -6.08768212e+00]

```

```

7.40904572e+00 -6.08768212e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.67763817e+03
9.14065701e+02 -2.89650976e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -8.79613356e+02
-4.73643715e+02 1.52021553e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.15070539e+02
-3.32865721e+02 1.07607736e+03]]
[06-24 17:37:21][INFO]
[[ 2.14220423e-01 2.78988506e+00 -1.59891063e+00 ... 6.46111877e-02
3.70890570e+00 -2.86538484e+00]
[ 0.00000000e+00 7.67364721e+00 -8.88556736e+00 ... 3.90004615e-01
1.59364382e+01 -1.07231447e+01]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... -1.06572401e-01
7.40904572e+00 -6.08768212e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 7.52970063e+04
3.88141173e+04 -1.29127178e+05]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.07647272e+04
-1.58588255e+04 5.27624089e+04]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.76017923e+03
-2.98162365e+03 9.89808337e+03]]
[06-24 17:37:21][INFO]
[[ 2.14220423e-01 2.78988506e+00 -1.59891063e+00 ... 6.46111877e-02
3.70890570e+00 -2.86538484e+00]
[ 0.00000000e+00 7.67364721e+00 -8.88556736e+00 ... 3.90004615e-01
1.59364382e+01 -1.07231447e+01]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... -1.06572401e-01
7.40904572e+00 -6.08768212e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.34976532e+01
-1.84153279e+02 3.35215362e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.67333445e+01
7.96624552e+01 -1.48521800e+02]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 3.73865028e+01
4.96423945e+01 -1.14251368e+02]]
[06-24 17:37:21][INFO]
[[ 2.14220423e-01 2.78988506e+00 -1.59891063e+00 ... 6.46111877e-02
3.70890570e+00 -2.86538484e+00]
[ 0.00000000e+00 7.67364721e+00 -8.88556736e+00 ... 3.90004615e-01
1.59364382e+01 -1.07231447e+01]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... -1.06572401e-01
7.40904572e+00 -6.08768212e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -8.91493343e+01
-1.39417093e+02 1.84575275e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.72907369e+01
5.95173189e+01 -5.88269170e+00]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 4.98491903e+01
3.74296327e+01 -2.77780157e+01]]
[06-24 17:37:21][INFO]
[[ 2.14220423e-01 2.78988506e+00 -1.59891063e+00 ... 6.46111877e-02
3.70890570e+00 -2.86538484e+00]
[ 0.00000000e+00 7.67364721e+00 -8.88556736e+00 ... 3.90004615e-01

```

```

1.59364382e+01 -1.07231447e+01]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... -1.06572401e-01
 7.40904572e+00 -6.08768212e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.06808493e+02
 2.66041854e+02 -7.90560702e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.72502060e+02
 -1.20169241e+02 3.73322455e+01]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -1.01067394e+02
 -8.59487593e+01 1.89470697e+00]]
[06-24 17:37:21][INFO]
[[ 2.14220423e-01 2.78988506e+00 -1.59891063e+00 ... 6.46111877e-02
 3.70890570e+00 -2.86538484e+00]
[ 0.00000000e+00 7.67364721e+00 -8.88556736e+00 ... 3.90004615e-01
 1.59364382e+01 -1.07231447e+01]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... -1.06572401e-01
 7.40904572e+00 -6.08768212e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.90232890e+03
 1.98957477e+03 -3.96558612e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.68995408e+03
 -1.36144691e+03 2.65995597e+02]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -2.07143675e+03
 -1.05747690e+03 1.80865849e+02]]
[06-24 17:37:21][INFO]
[[ 2.14220423e-01 2.78988506e+00 -1.59891063e+00 ... 6.46111877e-02
 3.70890570e+00 -2.86538484e+00]
[ 0.00000000e+00 7.67364721e+00 -8.88556736e+00 ... 3.90004615e-01
 1.59364382e+01 -1.07231447e+01]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... -1.06572401e-01
 7.40904572e+00 -6.08768212e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.13940891e+01
 -4.54905549e+01 1.51629593e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.53980357e+01
 2.57295756e+01 -1.07669944e+02]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 2.56398672e+01
 3.01859953e+01 -1.12119326e+02]]
[06-24 17:37:21][INFO]
[[ 2.14220423e-01 2.78988506e+00 -1.59891063e+00 ... 6.46111877e-02
 3.70890570e+00 -2.86538484e+00]
[ 0.00000000e+00 7.67364721e+00 -8.88556736e+00 ... 3.90004615e-01
 1.59364382e+01 -1.07231447e+01]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... -1.06572401e-01
 7.40904572e+00 -6.08768212e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.82657979e+01
 -2.40266297e+01 2.28019838e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.11570016e+01
 4.41066353e+00 -1.83544086e+02]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 8.26707769e+01
 4.06987518e+00 -2.05066763e+02]]
[06-24 17:37:21][INFO]
[[ 2.14220423e-01 2.78988506e+00 -1.59891063e+00 ... 6.46111877e-02

```

```

3.70890570e+00 -2.86538484e+00]
[ 0.00000000e+00 7.67364721e+00 -8.88556736e+00 ... 3.90004615e-01
1.59364382e+01 -1.07231447e+01]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... -1.06572401e-01
7.40904572e+00 -6.08768212e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.04885448e+01
4.39142678e+00 2.70030313e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.34393051e+01
-2.47688292e+01 2.28587848e+01]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 8.55094686e+01
-3.22231006e+01 5.16537525e+01]]
[06-24 17:37:21][INFO]
[[ 2.14220423e-01 2.78988506e+00 -1.59891063e+00 ... 6.46111877e-02
3.70890570e+00 -2.86538484e+00]
[ 0.00000000e+00 7.67364721e+00 -8.88556736e+00 ... 3.90004615e-01
1.59364382e+01 -1.07231447e+01]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... -1.06572401e-01
7.40904572e+00 -6.08768212e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.21503141e+01
2.65710778e+01 -1.90501374e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.22347299e+02
-6.20673512e+01 1.00304328e+02]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -2.06440301e+02
-1.02121889e+02 1.96789521e+02]]
[06-24 17:37:21][INFO]
[[ 2.14220423e-01 2.78988506e+00 -1.59891063e+00 ... 6.46111877e-02
3.70890570e+00 -2.86538484e+00]
[ 0.00000000e+00 7.67364721e+00 -8.88556736e+00 ... 3.90004615e-01
1.59364382e+01 -1.07231447e+01]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... -1.06572401e-01
7.40904572e+00 -6.08768212e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.29588842e+01
3.47392238e+01 -3.53440713e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.24331734e+02
-8.21140369e+01 1.40293742e+02]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -2.10187295e+02
-1.39973892e+02 2.72297235e+02]]
[06-24 17:37:21][INFO]
[[ 2.14220423e-01 2.78988506e+00 -1.59891063e+00 ... 6.46111877e-02
3.70890570e+00 -2.86538484e+00]
[ 0.00000000e+00 7.67364721e+00 -8.88556736e+00 ... 3.90004615e-01
1.59364382e+01 -1.07231447e+01]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... -1.06572401e-01
7.40904572e+00 -6.08768212e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.32389581e+01
-7.76794961e-01 -4.94362393e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.02471296e+02
5.47299493e+01 1.94591169e+02]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -3.44427401e+02
9.51176623e+01 3.65577670e+02]]

```

```

[06-24 17:37:21][INFO]
[[ 2.14220423e-01  2.78988506e+00 -1.59891063e+00 ...  6.46111877e-02
  3.70890570e+00 -2.86538484e+00]
 [ 0.00000000e+00  7.67364721e+00 -8.88556736e+00 ...  3.90004615e-01
  1.59364382e+01 -1.07231447e+01]
 [ 0.00000000e+00  0.00000000e+00 -3.01391755e+00 ... -1.06572401e-01
  7.40904572e+00 -6.08768212e+00]
 ...
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.70291141e+01
  1.65234269e+01 -9.30395627e+00]
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.78690933e+01
  5.14135405e+01 -1.64693900e+01]
 [ 4.44089210e-16  0.00000000e+00  0.00000000e+00 ... -2.30125602e+01
  8.93433921e+01 -1.90437979e+00]]
[06-24 17:37:21][INFO]
[[ 2.14220423e-01  2.78988506e+00 -1.59891063e+00 ...  6.46111877e-02
  3.70890570e+00 -2.86538484e+00]
 [ 0.00000000e+00  7.67364721e+00 -8.88556736e+00 ...  3.90004615e-01
  1.59364382e+01 -1.07231447e+01]
 [ 0.00000000e+00  0.00000000e+00 -3.01391755e+00 ... -1.06572401e-01
  7.40904572e+00 -6.08768212e+00]
 ...
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -5.46152853e+01
  9.09927822e+00 -3.08600879e+01]
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  4.97340530e+01
 -1.41820999e+01  2.04659850e+01]
 [ 4.44089210e-16  0.00000000e+00  0.00000000e+00 ...  6.51898016e+01
  3.76023913e+00  4.62854973e+01]]
[06-24 17:37:21][INFO]
[[ 2.14220423e-01  2.78988506e+00 -1.59891063e+00 ...  6.46111877e-02
  3.70890570e+00 -2.86538484e+00]
 [ 0.00000000e+00  7.67364721e+00 -8.88556736e+00 ...  3.90004615e-01
  1.59364382e+01 -1.07231447e+01]
 [ 0.00000000e+00  0.00000000e+00 -3.01391755e+00 ... -1.06572401e-01
  7.40904572e+00 -6.08768212e+00]
 ...
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.52006531e+01
 -5.52433380e+00  1.86154857e-01]
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.23610258e+01
 -3.15963908e-01 -8.97211989e+00]
 [ 4.44089210e-16  0.00000000e+00  0.00000000e+00 ...  9.53699656e+00
  2.44085361e+01  2.44871896e+00]]
[06-24 17:37:21][INFO]
[[ 2.14220423e-01  2.78988506e+00 -1.59891063e+00 ...  6.46111877e-02
  3.70890570e+00 -2.86538484e+00]
 [ 0.00000000e+00  7.67364721e+00 -8.88556736e+00 ...  3.90004615e-01
  1.59364382e+01 -1.07231447e+01]
 [ 0.00000000e+00  0.00000000e+00 -3.01391755e+00 ... -1.06572401e-01
  7.40904572e+00 -6.08768212e+00]
 ...
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -4.15762383e+00
  8.68233095e+00 -4.56779722e+00]
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -4.20048444e+01
 -7.02567084e+01  1.44320325e+01]]

```

```

[ 4.44089210e-16  0.00000000e+00  0.00000000e+00 ... -3.01579475e+01
-2.66583176e+01  1.95371334e+01]]
[06-24 17:37:21][INFO]
[[ 2.14220423e-01  2.78988506e+00 -1.59891063e+00 ...  6.46111877e-02
 3.70890570e+00 -2.86538484e+00]
[ 0.00000000e+00  7.67364721e+00 -8.88556736e+00 ...  3.90004615e-01
 1.59364382e+01 -1.07231447e+01]
[ 0.00000000e+00  0.00000000e+00 -3.01391755e+00 ... -1.06572401e-01
 7.40904572e+00 -6.08768212e+00]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  5.50154127e+01
 2.15122335e+02 -6.06895375e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.62032987e+02
-4.89005039e+02  1.28270846e+02]
[ 4.44089210e-16  0.00000000e+00  0.00000000e+00 ... -3.36202914e+02
-1.09437307e+03  3.09800692e+02]]
[06-24 17:37:21][INFO]
[[ 2.14220423e-01  2.78988506e+00 -1.59891063e+00 ...  6.46111877e-02
 3.70890570e+00 -2.86538484e+00]
[ 0.00000000e+00  7.67364721e+00 -8.88556736e+00 ...  3.90004615e-01
 1.59364382e+01 -1.07231447e+01]
[ 0.00000000e+00  0.00000000e+00 -3.01391755e+00 ... -1.06572401e-01
 7.40904572e+00 -6.08768212e+00]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -6.18072661e+01
-7.35625599e+01  3.36782489e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  6.68368591e+01
 7.65638059e+01 -5.66071334e+01]
[ 4.44089210e-16  0.00000000e+00  0.00000000e+00 ...  2.39401345e+02
 3.28024162e+02 -1.55164676e+02]]
[06-24 17:37:21][INFO]
[[ 2.14220423e-01  2.78988506e+00 -1.59891063e+00 ...  6.46111877e-02
 3.70890570e+00 -2.86538484e+00]
[ 0.00000000e+00  7.67364721e+00 -8.88556736e+00 ...  3.90004615e-01
 1.59364382e+01 -1.07231447e+01]
[ 0.00000000e+00  0.00000000e+00 -3.01391755e+00 ... -1.06572401e-01
 7.40904572e+00 -6.08768212e+00]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  5.14551797e+00
 3.13404174e+00 -2.30270664e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  4.60006923e+01
-2.00226811e+01 -8.54334469e+01]
[ 4.44089210e-16  0.00000000e+00  0.00000000e+00 ... -2.15950227e+01
 2.90442951e+01  6.58848524e+01]]
[06-24 17:37:21][INFO]
[[ 2.14220423e-01  2.78988506e+00 -1.59891063e+00 ...  6.46111877e-02
 3.70890570e+00 -2.86538484e+00]
[ 0.00000000e+00  7.67364721e+00 -8.88556736e+00 ...  3.90004615e-01
 1.59364382e+01 -1.07231447e+01]
[ 0.00000000e+00  0.00000000e+00 -3.01391755e+00 ... -1.06572401e-01
 7.40904572e+00 -6.08768212e+00]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.52732514e+01
 2.43191996e+01 -5.26227852e+01]

```



```
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.26014669e+02
 2.74702024e+02 -4.97164600e+02]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -2.20230976e+02
-1.80027136e+02 3.57958166e+02]]
[06-24 17:37:21][INFO]
[[ 2.14220423e-01 2.78988506e+00 -1.59891063e+00 ... 6.46111877e-02
 3.70890570e+00 -2.86538484e+00]
[ 0.00000000e+00 7.67364721e+00 -8.88556736e+00 ... 3.90004615e-01
 1.59364382e+01 -1.07231447e+01]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... -1.06572401e-01
 7.40904572e+00 -6.08768212e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.62427092e+02
-6.91005310e+02 1.07117513e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.91526638e+03
-2.66876220e+03 4.12711280e+03]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 2.43627865e+03
 2.23239589e+03 -3.43203635e+03]]
[06-24 17:37:21][INFO]
[[ 2.14220423e-01 2.78988506e+00 -1.59891063e+00 ... 6.46111877e-02
 3.70890570e+00 -2.86538484e+00]
[ 0.00000000e+00 7.67364721e+00 -8.88556736e+00 ... 3.90004615e-01
 1.59364382e+01 -1.07231447e+01]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... -1.06572401e-01
 7.40904572e+00 -6.08768212e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.19160028e+01
 2.96204979e+01 -3.17434398e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.75324789e+02
 1.89747256e+02 -2.47838987e+02]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -2.70036851e+02
-1.92242063e+02 2.78874633e+02]]
[06-24 17:37:21][INFO]
[[ 2.14220423e-01 2.78988506e+00 -1.59891063e+00 ... 6.46111877e-02
 3.70890570e+00 -2.86538484e+00]
[ 0.00000000e+00 7.67364721e+00 -8.88556736e+00 ... 3.90004615e-01
 1.59364382e+01 -1.07231447e+01]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... -1.06572401e-01
 7.40904572e+00 -6.08768212e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.11882780e+02
-2.01945718e+02 6.94166289e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.28527521e+02
-9.79233560e+02 -5.25508152e+01]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -6.17956081e+02
 9.59252162e+02 8.65077444e+01]]
[06-24 17:37:21][INFO]
[[ 2.14220423e-01 2.78988506e+00 -1.59891063e+00 ... 6.46111877e-02
 3.70890570e+00 -2.86538484e+00]
[ 0.00000000e+00 7.67364721e+00 -8.88556736e+00 ... 3.90004615e-01
 1.59364382e+01 -1.07231447e+01]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... -1.06572401e-01
 7.40904572e+00 -6.08768212e+00]
...
```

```

[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.89383288e+01
-1.98441230e+01 1.65909423e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.31888844e+02
3.93299631e+02 -9.97301405e+01]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 1.81755511e+02
-4.84207965e+02 1.36125105e+02]]
[06-24 17:37:21][INFO]
[[ 2.14220423e-01 2.78988506e+00 -1.59891063e+00 ... 6.46111877e-02
3.70890570e+00 -2.86538484e+00]
[ 0.00000000e+00 7.67364721e+00 -8.88556736e+00 ... 3.90004615e-01
1.59364382e+01 -1.07231447e+01]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... -1.06572401e-01
7.40904572e+00 -6.08768212e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.52606027e+01
3.09671597e+01 1.12274324e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.40954381e+01
-7.11783609e+01 -5.07010242e+01]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 1.10010382e+02
9.23981848e+01 7.52600257e+01]]
[06-24 17:37:21][INFO]
[[ 2.14220423e-01 2.78988506e+00 -1.59891063e+00 ... 6.46111877e-02
3.70890570e+00 -2.86538484e+00]
[ 0.00000000e+00 7.67364721e+00 -8.88556736e+00 ... 3.90004615e-01
1.59364382e+01 -1.07231447e+01]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... -1.06572401e-01
7.40904572e+00 -6.08768212e+00]
...
[ 0.00000000e+00 0.00000000e+00 3.55271368e-15 ... 3.47230885e+01
1.30561242e+02 1.18574269e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 8.01454147e+00
-1.71837592e+02 -8.71959669e+01]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 8.86172374e+00
2.16397073e+02 1.20216979e+02]]
[06-24 17:37:21][INFO]
[[ 2.14220423e-01 2.78988506e+00 -1.59891063e+00 ... 6.46111877e-02
3.70890570e+00 -2.86538484e+00]
[ 0.00000000e+00 7.67364721e+00 -8.88556736e+00 ... 3.90004615e-01
1.59364382e+01 -1.07231447e+01]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... -1.06572401e-01
7.40904572e+00 -6.08768212e+00]
...
[ 0.00000000e+00 0.00000000e+00 3.55271368e-15 ... -7.47619333e+01
-2.83917708e+01 -4.69771779e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.06199644e+01
-5.19090340e+01 5.81159168e+00]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -9.72193242e+01
6.23860328e+01 7.77613486e-01]]
[06-24 17:37:21][INFO]
[[ 2.14220423e-01 2.78988506e+00 -1.59891063e+00 ... 6.46111877e-02
3.70890570e+00 -2.86538484e+00]
[ 0.00000000e+00 7.67364721e+00 -8.88556736e+00 ... 3.90004615e-01
1.59364382e+01 -1.07231447e+01]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... -1.06572401e-01
7.40904572e+00 -6.08768212e+00]

```

```

7.40904572e+00 -6.08768212e+00]
...
[ 0.00000000e+00 0.00000000e+00 3.55271368e-15 ... 4.84025979e+02
6.44469796e+01 -5.69144022e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.49775074e+01
-6.28150747e+01 5.92832718e+00]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 1.23531010e+02
9.90621755e+01 3.85041360e-01]]
[06-24 17:37:21][INFO]
[[ 2.14220423e-01 2.78988506e+00 -1.59891063e+00 ... 6.46111877e-02
3.70890570e+00 -2.86538484e+00]
[ 0.00000000e+00 7.67364721e+00 -8.88556736e+00 ... 3.90004615e-01
1.59364382e+01 -1.07231447e+01]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... -1.06572401e-01
7.40904572e+00 -6.08768212e+00]
...
[ 0.00000000e+00 0.00000000e+00 3.55271368e-15 ... 7.45855356e+02
-5.94018717e+02 5.64528795e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.02351007e+02
-6.95885139e+01 1.13172367e+01]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 2.29417425e+02
-1.67227930e+02 2.55168250e+01]]
[06-24 17:37:21][INFO]
[[ 2.14220423e-01 2.78988506e+00 -1.59891063e+00 ... 6.46111877e-02
3.70890570e+00 -2.86538484e+00]
[ 0.00000000e+00 7.67364721e+00 -8.88556736e+00 ... 3.90004615e-01
1.59364382e+01 -1.07231447e+01]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... -1.06572401e-01
7.40904572e+00 -6.08768212e+00]
...
[ 0.00000000e+00 0.00000000e+00 3.55271368e-15 ... -3.79552197e+03
3.66838003e+03 -3.05279264e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.55462245e+03
4.30130526e+03 -3.59622430e+02]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -3.39622302e+03
3.23568802e+03 -2.63274570e+02]]
[06-24 17:37:21][INFO]
[[ 2.14220423e-01 2.78988506e+00 -1.59891063e+00 ... 6.46111877e-02
3.70890570e+00 -2.86538484e+00]
[ 0.00000000e+00 7.67364721e+00 -8.88556736e+00 ... 3.90004615e-01
1.59364382e+01 -1.07231447e+01]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... -1.06572401e-01
7.40904572e+00 -6.08768212e+00]
...
[ 0.00000000e+00 0.00000000e+00 3.55271368e-15 ... 9.61700501e+01
-1.07649177e+03 1.47707945e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.77898016e+02
-1.46873071e+03 1.91235969e+02]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 1.32364154e+02
-1.06647508e+03 1.47447771e+02]]
[06-24 17:37:21][INFO]
[[ 2.14220423e-01 2.78988506e+00 -1.59891063e+00 ... 6.46111877e-02
3.70890570e+00 -2.86538484e+00]
[ 0.00000000e+00 7.67364721e+00 -8.88556736e+00 ... 3.90004615e-01

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1.59364382e+01 -1.07231447e+01]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... -1.06572401e-01
 7.40904572e+00 -6.08768212e+00]
...
[ 0.00000000e+00 0.00000000e+00 3.55271368e-15 ... -4.19716117e+02
 5.75489364e+02 -8.20532618e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.51992379e+02
 8.68539093e+02 -1.33836708e+02]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -3.82204772e+02
 5.81287951e+02 -8.17267726e+01]]
[06-24 17:37:21][INFO]
[[ 2.14220423e-01 2.78988506e+00 -1.59891063e+00 ... 6.46111877e-02
 3.70890570e+00 -2.86538484e+00]
[ 0.00000000e+00 7.67364721e+00 -8.88556736e+00 ... 3.90004615e-01
 1.59364382e+01 -1.07231447e+01]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... -1.06572401e-01
 7.40904572e+00 -6.08768212e+00]
...
[ 0.00000000e+00 0.00000000e+00 3.55271368e-15 ... 2.16702644e+04
 -2.30316940e+04 5.12485052e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.80359571e+04
 -5.10565695e+04 1.13189927e+04]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 2.83334102e+04
 -3.01065974e+04 6.68692764e+03]]
[06-24 17:37:21][INFO]
[[ 2.14220423e-01 2.78988506e+00 -1.59891063e+00 ... 6.46111877e-02
 3.70890570e+00 -2.86538484e+00]
[ 0.00000000e+00 7.67364721e+00 -8.88556736e+00 ... 3.90004615e-01
 1.59364382e+01 -1.07231447e+01]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... -1.06572401e-01
 7.40904572e+00 -6.08768212e+00]
...
[ 0.00000000e+00 0.00000000e+00 3.55271368e-15 ... -3.46771092e+01
 1.79760606e+01 2.85274816e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.29624433e+01
 -1.00790634e+02 5.25793991e+01]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 3.57418799e+01
 -5.57484057e+01 4.26315084e+01]]
[06-24 17:37:21][INFO]
[[ 2.14220423e-01 2.78988506e+00 -1.59891063e+00 ... 6.46111877e-02
 3.70890570e+00 -2.86538484e+00]
[ 0.00000000e+00 7.67364721e+00 -8.88556736e+00 ... 3.90004615e-01
 1.59364382e+01 -1.07231447e+01]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... -1.06572401e-01
 7.40904572e+00 -6.08768212e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.39234225e+02
 -1.32053727e+02 -5.06236893e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.46550397e+02
 -1.49305137e+02 -2.44116966e+01]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 1.09215835e+02
 -9.38361326e+01 -1.78125987e+01]]
[06-24 17:37:21][INFO]
[[ 2.14220423e-01 2.78988506e+00 -1.59891063e+00 ... 6.46111877e-02

```

```

3.70890570e+00 -2.86538484e+00]
[ 0.00000000e+00 7.67364721e+00 -8.88556736e+00 ... 3.90004615e-01
1.59364382e+01 -1.07231447e+01]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... -1.06572401e-01
7.40904572e+00 -6.08768212e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.86355605e+02
7.37207306e+02 2.71499169e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.06385602e+03
9.98678978e+02 4.15675778e+02]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 1.41520509e+03
-1.33247375e+03 -4.92652706e+02]]
[06-24 17:37:21][INFO]
[[ 2.14220423e-01 2.78988506e+00 -1.59891063e+00 ... 6.46111877e-02
3.70890570e+00 -2.86538484e+00]
[ 0.00000000e+00 7.67364721e+00 -8.88556736e+00 ... 3.90004615e-01
1.59364382e+01 -1.07231447e+01]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... -1.06572401e-01
7.40904572e+00 -6.08768212e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.77790888e+00
-2.23230319e+01 7.47691588e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.25870907e+01
-6.49097647e+01 4.59590165e+01]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -7.85751204e+01
1.03449888e+02 6.49232566e+00]]
[06-24 17:37:21][INFO]
[[ 2.14220423e-01 2.78988506e+00 -1.59891063e+00 ... 6.46111877e-02
3.70890570e+00 -2.86538484e+00]
[ 0.00000000e+00 7.67364721e+00 -8.88556736e+00 ... 3.90004615e-01
1.59364382e+01 -1.07231447e+01]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... -1.06572401e-01
7.40904572e+00 -6.08768212e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.74273555e+02
-6.41764931e+02 -3.13981242e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.69962021e+03
-3.56308803e+03 -1.73580250e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.46343242e+03
-1.93945514e+03 -1.09947239e+02]]
[06-24 17:37:21][INFO]
[[ 2.14220423e-01 2.78988506e+00 -1.59891063e+00 ... 6.46111877e-02
3.70890570e+00 -2.86538484e+00]
[ 0.00000000e+00 7.67364721e+00 -8.88556736e+00 ... 3.90004615e-01
1.59364382e+01 -1.07231447e+01]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... -1.06572401e-01
7.40904572e+00 -6.08768212e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.74273555e+02
-6.41764931e+02 -3.13981242e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.80788533e+02
-1.54722073e+02 -6.82714092e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.92483899e+01
-2.58470411e+01 -1.63246338e+01]]

```

```

[06-24 17:37:21][INFO]
[[ 2.14220423e-01  2.78988506e+00 -1.59891063e+00 ...  6.46111877e-02
  3.70890570e+00 -2.86538484e+00]
 [ 0.00000000e+00  7.67364721e+00 -8.88556736e+00 ...  3.90004615e-01
  1.59364382e+01 -1.07231447e+01]
 [ 0.00000000e+00  0.00000000e+00 -3.01391755e+00 ... -1.06572401e-01
  7.40904572e+00 -6.08768212e+00]
 ...
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  4.74273555e+02
 -6.41764931e+02 -3.13981242e+01]
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  4.92483899e+01
 -2.58470411e+01 -1.63246338e+01]
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  0.00000000e+00
 -5.98387955e+01  5.30998251e+01]]]
n = 57: 0.176231 segundos
[06-24 17:37:21][INFO]
[[ -7.57731060e-02  3.56353349e+00  2.31922536e-01 ...  2.33031781e+00
  1.10258455e+00 -3.30003703e+00]
 [ 0.00000000e+00 -6.66797915e+01 -5.06148535e+00 ... -4.61325938e+01
 -1.86495931e+01  6.32349826e+01]
 [ 0.00000000e+00 -7.29114729e+01 -2.22789133e+00 ... -4.57653477e+01
 -2.69923615e+01  6.92831236e+01]
 ...
 [ 0.00000000e+00 -1.78209944e+02 -1.11657234e+01 ... -1.18017174e+02
 -5.42597978e+01  1.73366674e+02]
 [ 0.00000000e+00 -3.50499216e+01 -3.87477495e+00 ... -2.51998733e+01
 -9.07949203e+00  3.12552083e+01]
 [ 0.00000000e+00 -8.06242096e+01 -9.79955027e+00 ... -5.17503904e+01
 -2.88067640e+01  7.41757970e+01]]]
[06-24 17:37:21][INFO]
[[ -7.57731060e-02  3.56353349e+00  2.31922536e-01 ...  2.33031781e+00
  1.10258455e+00 -3.30003703e+00]
 [ 0.00000000e+00  1.02802339e+01  3.43477796e+00 ...  9.29189795e+00
 -7.03501533e-01 -1.58543453e+01]
 [ 0.00000000e+00  0.00000000e+00  2.21329084e+01 ...  2.01364566e+01
 -3.19818718e+01 -4.31621451e+01]
 ...
 [ 0.00000000e+00 -2.84217094e-14  4.83768503e+01 ...  4.30597647e+01
 -6.64551398e+01 -1.01471623e+02]
 [ 0.00000000e+00  0.00000000e+00  7.83592141e+00 ...  6.48036835e+00
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 [ 0.00000000e+00  0.00000000e+00  1.71381887e+01 ...  2.11226524e+01
 -3.43240757e+01 -5.01641807e+01]]]
[06-24 17:37:21][INFO]
[[ -7.57731060e-02  3.56353349e+00  2.31922536e-01 ...  2.33031781e+00
  1.10258455e+00 -3.30003703e+00]
 [ 0.00000000e+00  1.02802339e+01  3.43477796e+00 ...  9.29189795e+00
 -7.03501533e-01 -1.58543453e+01]
 [ 0.00000000e+00  0.00000000e+00 -1.67942967e+00 ... -2.21022242e+00
  5.51163223e+00  9.00536462e+00]
 ...
 [ 0.00000000e+00 -2.84217094e-14  0.00000000e+00 ... -2.06068483e+01
  9.23103097e+01  1.57932616e+02]
 [ 0.00000000e+00  0.00000000e+00  8.88178420e-16 ... -3.83213801e+00

```

```

1.42382560e+01 1.92180810e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.43215262e+00
2.19208475e+01 4.17334678e+01]]
[06-24 17:37:21][INFO]
[[-7.57731060e-02 3.56353349e+00 2.31922536e-01 ... 2.33031781e+00
1.10258455e+00 -3.30003703e+00]
[ 0.00000000e+00 1.02802339e+01 3.43477796e+00 ... 9.29189795e+00
-7.03501533e-01 -1.58543453e+01]
[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -2.21022242e+00
5.51163223e+00 9.00536462e+00]
...
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... -1.34621816e+02
1.10060754e+02 4.32272466e+01]
[ 0.00000000e+00 0.00000000e+00 8.88178420e-16 ... -1.96080121e+01
1.66943262e+01 3.34667827e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.67883898e+01
2.74252906e+01 6.16313584e+00]]
[06-24 17:37:21][INFO]
[[-7.57731060e-02 3.56353349e+00 2.31922536e-01 ... 2.33031781e+00
1.10258455e+00 -3.30003703e+00]
[ 0.00000000e+00 1.02802339e+01 3.43477796e+00 ... 9.29189795e+00
-7.03501533e-01 -1.58543453e+01]
[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -2.21022242e+00
5.51163223e+00 9.00536462e+00]
...
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... -1.59908462e+02
1.12269132e+02 3.62551494e+02]
[ 0.00000000e+00 0.00000000e+00 8.88178420e-16 ... -2.28290319e+01
1.69756301e+01 4.40222869e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.33108292e+01
2.79949200e+01 8.85296566e+01]]
[06-24 17:37:21][INFO]
[[-7.57731060e-02 3.56353349e+00 2.31922536e-01 ... 2.33031781e+00
1.10258455e+00 -3.30003703e+00]
[ 0.00000000e+00 1.02802339e+01 3.43477796e+00 ... 9.29189795e+00
-7.03501533e-01 -1.58543453e+01]
[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -2.21022242e+00
5.51163223e+00 9.00536462e+00]
...
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... 8.18396245e+02
-3.45260649e+02 -8.93528682e+02]
[ 0.00000000e+00 0.00000000e+00 8.88178420e-16 ... 1.25987374e+02
-5.26222542e+01 -1.47048385e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.65816832e+02
-6.98091002e+01 -1.79976779e+02]]
[06-24 17:37:21][INFO]
[[-7.57731060e-02 3.56353349e+00 2.31922536e-01 ... 2.33031781e+00
1.10258455e+00 -3.30003703e+00]
[ 0.00000000e+00 1.02802339e+01 3.43477796e+00 ... 9.29189795e+00
-7.03501533e-01 -1.58543453e+01]
[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -2.21022242e+00
5.51163223e+00 9.00536462e+00]
...
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... -1.37289291e+01

```

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[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.76395693e+01
 1.92117021e+00 5.86022104e+01]
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-8.04817422e+00 -7.39115830e+00]]
[06-24 17:37:21][INFO]
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 1.10258455e+00 -3.30003703e+00]
[ 0.00000000e+00 1.02802339e+01 3.43477796e+00 ... 9.29189795e+00
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[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -2.21022242e+00
 5.51163223e+00 9.00536462e+00]
...
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... 1.90908583e+03
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[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.40732283e+03
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[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -2.21022242e+00
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...
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[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.42479767e+02
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[ 0.00000000e+00 1.02802339e+01 3.43477796e+00 ... 9.29189795e+00
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[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -2.21022242e+00
 5.51163223e+00 9.00536462e+00]
...
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-1.64810954e+03 -5.71139298e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.50819849e+03
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[ 0.00000000e+00 1.02802339e+01 3.43477796e+00 ... 9.29189795e+00
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[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -2.21022242e+00
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...
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[ 0.00000000e+00 1.02802339e+01 3.43477796e+00 ... 9.29189795e+00
 -7.03501533e-01 -1.58543453e+01]
[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -2.21022242e+00
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[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.92133278e+02
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[ 0.00000000e+00 1.02802339e+01 3.43477796e+00 ... 9.29189795e+00
 -7.03501533e-01 -1.58543453e+01]
[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -2.21022242e+00
 5.51163223e+00 9.00536462e+00]
...
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[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.50184356e+01
 5.98594997e+01 2.57795756e+01]
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[[-7.57731060e-02 3.56353349e+00 2.31922536e-01 ... 2.33031781e+00
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[ 0.00000000e+00 1.02802339e+01 3.43477796e+00 ... 9.29189795e+00
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[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -2.21022242e+00
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...
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[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -2.21022242e+00
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...
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[ 0.00000000e+00 1.02802339e+01 3.43477796e+00 ... 9.29189795e+00
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[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -2.21022242e+00
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...
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[ 0.00000000e+00 1.02802339e+01 3.43477796e+00 ... 9.29189795e+00
 -7.03501533e-01 -1.58543453e+01]
[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -2.21022242e+00
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...
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[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -2.21022242e+00
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...
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5.51163223e+00 9.00536462e+00]
...
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[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -2.21022242e+00
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...
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[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -2.21022242e+00
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...
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[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -2.21022242e+00
5.51163223e+00 9.00536462e+00]
...
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... -1.40204246e+03
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[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.67053530e+02
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5.86981524e+02 2.89968333e+02]]
[06-24 17:37:21][INFO]

```

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[[-7.57731060e-02  3.56353349e+00  2.31922536e-01 ...  2.33031781e+00
  1.10258455e+00 -3.30003703e+00]
[ 0.00000000e+00  1.02802339e+01  3.43477796e+00 ...  9.29189795e+00
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[ 0.00000000e+00  0.00000000e+00 -1.67942967e+00 ... -2.21022242e+00
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...
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[06-24 17:37:21][INFO]
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 1.10258455e+00 -3.30003703e+00]
[ 0.00000000e+00  1.02802339e+01  3.43477796e+00 ...  9.29189795e+00
-7.03501533e-01 -1.58543453e+01]
[ 0.00000000e+00  0.00000000e+00 -1.67942967e+00 ... -2.21022242e+00
 5.51163223e+00  9.00536462e+00]
...
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[ 0.00000000e+00  1.02802339e+01  3.43477796e+00 ...  9.29189795e+00
-7.03501533e-01 -1.58543453e+01]
[ 0.00000000e+00  0.00000000e+00 -1.67942967e+00 ... -2.21022242e+00
 5.51163223e+00  9.00536462e+00]
...
[ 0.00000000e+00 -2.84217094e-14  0.00000000e+00 ...  3.04085904e-01
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[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.55287630e+01
-1.00911876e+01 -1.05495376e+01]
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[06-24 17:37:21][INFO]
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 1.10258455e+00 -3.30003703e+00]
[ 0.00000000e+00  1.02802339e+01  3.43477796e+00 ...  9.29189795e+00
-7.03501533e-01 -1.58543453e+01]
[ 0.00000000e+00  0.00000000e+00 -1.67942967e+00 ... -2.21022242e+00
 5.51163223e+00  9.00536462e+00]
...
[ 0.00000000e+00 -2.84217094e-14  0.00000000e+00 ...  3.07185918e+02
-3.79869218e+02  1.86279091e+02]
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-1.27896950e+03  6.79859161e+02]
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1.59372974e+03 -8.54315891e+02]]
[06-24 17:37:21][INFO]
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[0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -2.21022242e+00
5.51163223e+00 9.00536462e+00]
...
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2.14375058e+01 3.65957962e+01]
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[0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -2.21022242e+00
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...
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...
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[0.00000000e+00 2.84217094e-14 7.10542736e-15 ... -8.05562756e+01
-6.01040694e+01 3.04139960e+01]]
[06-24 17:37:21][INFO]
[[-7.57731060e-02 3.56353349e+00 2.31922536e-01 ... 2.33031781e+00
1.10258455e+00 -3.30003703e+00]
[0.00000000e+00 1.02802339e+01 3.43477796e+00 ... 9.29189795e+00
-7.03501533e-01 -1.58543453e+01]
[0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -2.21022242e+00
5.51163223e+00 9.00536462e+00]
...
[0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... -2.10016831e+02
2.61330227e+02 3.75741556e+02]
[0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.42903862e+02

```

```

      8.09882060e+02  1.11971525e+03]
[ 0.00000000e+00  2.84217094e-14  7.10542736e-15 ...  7.71297177e+02
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 1.10258455e+00 -3.30003703e+00]
[ 0.00000000e+00  1.02802339e+01  3.43477796e+00 ...  9.29189795e+00
-7.03501533e-01 -1.58543453e+01]
[ 0.00000000e+00  0.00000000e+00 -1.67942967e+00 ... -2.21022242e+00
 5.51163223e+00  9.00536462e+00]
...
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-4.13035594e+02 -3.57961327e+02]
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-1.17093547e+03 -1.03539328e+03]
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[ 0.00000000e+00  1.02802339e+01  3.43477796e+00 ...  9.29189795e+00
-7.03501533e-01 -1.58543453e+01]
[ 0.00000000e+00  0.00000000e+00 -1.67942967e+00 ... -2.21022242e+00
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...
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[ 0.00000000e+00  1.02802339e+01  3.43477796e+00 ...  9.29189795e+00
-7.03501533e-01 -1.58543453e+01]
[ 0.00000000e+00  0.00000000e+00 -1.67942967e+00 ... -2.21022242e+00
 5.51163223e+00  9.00536462e+00]
...
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-3.84572062e+01 -1.86356529e+01]
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[ 0.00000000e+00  1.02802339e+01  3.43477796e+00 ...  9.29189795e+00
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[ 0.00000000e+00  0.00000000e+00 -1.67942967e+00 ... -2.21022242e+00
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...
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-2.98026876e+03 -1.85925517e+03]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... -1.66427774e+04
1.90070356e+04 1.18717325e+04]]
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[ 0.00000000e+00 1.02802339e+01 3.43477796e+00 ... 9.29189795e+00
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[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -2.21022242e+00
5.51163223e+00 9.00536462e+00]
...
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... 1.25683404e+02
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[ 0.00000000e+00 1.02802339e+01 3.43477796e+00 ... 9.29189795e+00
-7.03501533e-01 -1.58543453e+01]
[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -2.21022242e+00
5.51163223e+00 9.00536462e+00]
...
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... -1.05789033e+02
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[[-7.57731060e-02 3.56353349e+00 2.31922536e-01 ... 2.33031781e+00
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[ 0.00000000e+00 1.02802339e+01 3.43477796e+00 ... 9.29189795e+00
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[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -2.21022242e+00
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...
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[ 0.00000000e+00 1.02802339e+01 3.43477796e+00 ... 9.29189795e+00
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[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -2.21022242e+00
5.51163223e+00 9.00536462e+00]

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[ 0.00000000e+00 1.02802339e+01 3.43477796e+00 ... 9.29189795e+00
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[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -2.21022242e+00
5.51163223e+00 9.00536462e+00]
...
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[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -2.21022242e+00
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[ 0.00000000e+00 1.02802339e+01 3.43477796e+00 ... 9.29189795e+00
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[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -2.21022242e+00
5.51163223e+00 9.00536462e+00]
...
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[ 0.00000000e+00 1.02802339e+01 3.43477796e+00 ... 9.29189795e+00
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[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -2.21022242e+00
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...
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[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -2.21022242e+00
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...
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[ 0.00000000e+00 1.02802339e+01 3.43477796e+00 ... 9.29189795e+00
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[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -2.21022242e+00
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...
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 -5.87796516e+01 8.59134791e+02]
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 1.10258455e+00 -3.30003703e+00]

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[ 0.00000000e+00 1.02802339e+01 3.43477796e+00 ... 9.29189795e+00
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5.51163223e+00 9.00536462e+00]
...
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[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -2.21022242e+00
5.51163223e+00 9.00536462e+00]
...
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[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -2.21022242e+00
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...
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[ 0.00000000e+00 1.02802339e+01 3.43477796e+00 ... 9.29189795e+00
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[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -2.21022242e+00
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...
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[06-24 17:37:21][INFO]

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[[-7.57731060e-02  3.56353349e+00  2.31922536e-01 ...  2.33031781e+00
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[ 0.00000000e+00  1.02802339e+01  3.43477796e+00 ...  9.29189795e+00
-7.03501533e-01 -1.58543453e+01]
[ 0.00000000e+00  0.00000000e+00 -1.67942967e+00 ... -2.21022242e+00
 5.51163223e+00  9.00536462e+00]
...
[ 0.00000000e+00  2.84217094e-14  0.00000000e+00 ...  1.42142164e+02
-2.24028635e+02 -6.02459456e+01]
[ 5.55111512e-17  0.00000000e+00  0.00000000e+00 ...  7.87621140e+01
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[06-24 17:37:21][INFO]
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  1.10258455e+00 -3.30003703e+00]
[ 0.00000000e+00  1.02802339e+01  3.43477796e+00 ...  9.29189795e+00
-7.03501533e-01 -1.58543453e+01]
[ 0.00000000e+00  0.00000000e+00 -1.67942967e+00 ... -2.21022242e+00
 5.51163223e+00  9.00536462e+00]
...
[ 0.00000000e+00  2.84217094e-14  0.00000000e+00 ...  8.42001222e+02
-1.17843134e+03 -1.95756262e+02]
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  1.10258455e+00 -3.30003703e+00]
[ 0.00000000e+00  1.02802339e+01  3.43477796e+00 ...  9.29189795e+00
-7.03501533e-01 -1.58543453e+01]
[ 0.00000000e+00  0.00000000e+00 -1.67942967e+00 ... -2.21022242e+00
 5.51163223e+00  9.00536462e+00]
...
[ 0.00000000e+00  2.84217094e-14  0.00000000e+00 ... -2.32910838e+02
 1.76274544e+02 -1.30076290e+01]
[ 5.55111512e-17  0.00000000e+00  0.00000000e+00 ... -1.90861255e+02
 3.75735540e+01 -1.71775922e+01]
[ 0.00000000e+00  2.84217094e-14  7.10542736e-15 ... -1.51835062e+02
 1.14703248e+02 -6.35188349e+00]]
[06-24 17:37:21][INFO]
[[-7.57731060e-02  3.56353349e+00  2.31922536e-01 ...  2.33031781e+00
  1.10258455e+00 -3.30003703e+00]
[ 0.00000000e+00  1.02802339e+01  3.43477796e+00 ...  9.29189795e+00
-7.03501533e-01 -1.58543453e+01]
[ 0.00000000e+00  0.00000000e+00 -1.67942967e+00 ... -2.21022242e+00
 5.51163223e+00  9.00536462e+00]
...
[ 0.00000000e+00  2.84217094e-14  0.00000000e+00 ...  1.06731781e+03
-4.19517000e+02  1.12240424e+02]
[ 5.55111512e-17  0.00000000e+00  0.00000000e+00 ... -5.38503467e+02
 1.96870375e+02 -5.06651718e+01]
[ 0.00000000e+00  2.84217094e-14  7.10542736e-15 ...  7.08878059e+02

```

```

-2.79693230e+02  7.65586438e+01]]
[06-24 17:37:21][INFO]
[[-7.57731060e-02  3.56353349e+00  2.31922536e-01 ...  2.33031781e+00
 1.10258455e+00 -3.30003703e+00]
[ 0.00000000e+00  1.02802339e+01  3.43477796e+00 ...  9.29189795e+00
-7.03501533e-01 -1.58543453e+01]
[ 0.00000000e+00  0.00000000e+00 -1.67942967e+00 ... -2.21022242e+00
 5.51163223e+00  9.00536462e+00]
...
[ 0.00000000e+00  2.84217094e-14  0.00000000e+00 ... -8.74308877e+01
 8.33082462e+01 -2.27365482e+01]
[ 5.55111512e-17  0.00000000e+00  0.00000000e+00 ...  1.15914188e+02
-8.80900834e+01  2.58287995e+01]
[ 0.00000000e+00  2.84217094e-14  7.10542736e-15 ... -3.70809671e+01
 4.51281200e+01 -1.06354713e+01]]
[06-24 17:37:21][INFO]
[[-7.57731060e-02  3.56353349e+00  2.31922536e-01 ...  2.33031781e+00
 1.10258455e+00 -3.30003703e+00]
[ 0.00000000e+00  1.02802339e+01  3.43477796e+00 ...  9.29189795e+00
-7.03501533e-01 -1.58543453e+01]
[ 0.00000000e+00  0.00000000e+00 -1.67942967e+00 ... -2.21022242e+00
 5.51163223e+00  9.00536462e+00]
...
[ 0.00000000e+00  2.84217094e-14  0.00000000e+00 ... -5.27254468e+01
 1.02768351e+02  1.72811793e+01]
[ 5.55111512e-17  0.00000000e+00  0.00000000e+00 ...  6.05186225e+01
-1.19151596e+02 -3.80460447e+01]
[ 0.00000000e+00  2.84217094e-14  7.10542736e-15 ... -1.71320857e+01
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[06-24 17:37:21][INFO]
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 1.10258455e+00 -3.30003703e+00]
[ 0.00000000e+00  1.02802339e+01  3.43477796e+00 ...  9.29189795e+00
-7.03501533e-01 -1.58543453e+01]
[ 0.00000000e+00  0.00000000e+00 -1.67942967e+00 ... -2.21022242e+00
 5.51163223e+00  9.00536462e+00]
...
[ 0.00000000e+00  2.84217094e-14  0.00000000e+00 ... -8.38031381e+01
 2.04922048e+02  3.97148757e+01]
[ 5.55111512e-17  0.00000000e+00  0.00000000e+00 ...  1.05594254e+02
-2.67317118e+02 -7.05842732e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.02141952e+02
 4.69612551e+02  1.23179978e+02]]
[06-24 17:37:21][INFO]
[[-7.57731060e-02  3.56353349e+00  2.31922536e-01 ...  2.33031781e+00
 1.10258455e+00 -3.30003703e+00]
[ 0.00000000e+00  1.02802339e+01  3.43477796e+00 ...  9.29189795e+00
-7.03501533e-01 -1.58543453e+01]
[ 0.00000000e+00  0.00000000e+00 -1.67942967e+00 ... -2.21022242e+00
 5.51163223e+00  9.00536462e+00]
...
[ 0.00000000e+00  2.84217094e-14  0.00000000e+00 ... -4.05087402e+01
-1.78768630e+01 -3.93405532e+01]
[ 5.55111512e-17  0.00000000e+00  0.00000000e+00 ...  5.29445353e+01

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3.62555451e+00 2.55539400e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.16550015e+02
2.91447021e+01 -3.31106189e+01]]
[06-24 17:37:21][INFO]
[[-7.57731060e-02 3.56353349e+00 2.31922536e-01 ... 2.33031781e+00
1.10258455e+00 -3.30003703e+00]
[ 0.00000000e+00 1.02802339e+01 3.43477796e+00 ... 9.29189795e+00
-7.03501533e-01 -1.58543453e+01]
[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -2.21022242e+00
5.51163223e+00 9.00536462e+00]
...
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... 4.00150899e+01
-1.49392168e+01 4.38358366e+01]
[ 5.55111512e-17 0.00000000e+00 0.00000000e+00 ... 9.13225264e+00
-1.57091909e+01 -1.69948885e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.18253375e+01
6.21213590e+01 3.94591561e+01]]
[06-24 17:37:21][INFO]
[[-7.57731060e-02 3.56353349e+00 2.31922536e-01 ... 2.33031781e+00
1.10258455e+00 -3.30003703e+00]
[ 0.00000000e+00 1.02802339e+01 3.43477796e+00 ... 9.29189795e+00
-7.03501533e-01 -1.58543453e+01]
[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -2.21022242e+00
5.51163223e+00 9.00536462e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.03163285e+03
3.56526849e+02 -1.21569091e+03]
[ 5.55111512e-17 0.00000000e+00 0.00000000e+00 ... -1.03481588e+02
2.63340130e+01 -1.40361397e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 8.07309220e+02
-2.54894178e+02 9.69671329e+02]]
[06-24 17:37:21][INFO]
[[-7.57731060e-02 3.56353349e+00 2.31922536e-01 ... 2.33031781e+00
1.10258455e+00 -3.30003703e+00]
[ 0.00000000e+00 1.02802339e+01 3.43477796e+00 ... 9.29189795e+00
-7.03501533e-01 -1.58543453e+01]
[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -2.21022242e+00
5.51163223e+00 9.00536462e+00]
...
[ 5.55111512e-17 0.00000000e+00 0.00000000e+00 ... -1.03481588e+02
2.63340130e+01 -1.40361397e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.31375398e+02
2.54669262e+02 -6.72785678e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.26456899e+02
-1.57974812e+02 4.53087029e+02]]
[06-24 17:37:21][INFO]
[[-7.57731060e-02 3.56353349e+00 2.31922536e-01 ... 2.33031781e+00
1.10258455e+00 -3.30003703e+00]
[ 0.00000000e+00 1.02802339e+01 3.43477796e+00 ... 9.29189795e+00
-7.03501533e-01 -1.58543453e+01]
[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -2.21022242e+00
5.51163223e+00 9.00536462e+00]
...
[ 5.55111512e-17 0.00000000e+00 0.00000000e+00 ... -1.03481588e+02

```

```

    2.63340130e+01 -1.40361397e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.26456899e+02
-1.57974812e+02 4.53087029e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 0.00000000e+00
2.07853449e+01 -1.98399950e+00]]
n = 62: 0.211408 segundos
[06-24 17:37:21][INFO]
[[-1.50977297e-02 -3.12681380e+00 1.33788199e+00 ... 1.58950847e+00
1.86075964e+00 -4.77677127e+00]
[ 0.00000000e+00 -5.17232905e+02 2.27066442e+02 ... 2.69021940e+02
3.13961545e+02 -7.89583873e+02]
[ 0.00000000e+00 -7.54837868e+02 3.21900568e+02 ... 3.86561112e+02
4.50608011e+02 -1.15450048e+03]
...
[ 0.00000000e+00 -7.36891890e+02 3.21506271e+02 ... 3.80160879e+02
4.36169474e+02 -1.12627191e+03]
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[ 0.00000000e+00 1.01630319e+03 -4.36495281e+02 ... -5.20146537e+02
-6.08869841e+02 1.56163366e+03]]
[06-24 17:37:21][INFO]
[[-1.50977297e-02 -3.12681380e+00 1.33788199e+00 ... 1.58950847e+00
1.86075964e+00 -4.77677127e+00]
[ 0.00000000e+00 4.22837270e+01 -1.25849678e+01 ... -1.81768966e+01
-2.53907269e+01 5.36198282e+01]
[ 0.00000000e+00 -1.13686838e-13 9.72370634e+01 ... 6.20719802e+01
-2.66050323e+00 -1.97293547e+02]
...
[ 0.00000000e+00 0.00000000e+00 1.02184055e+02 ... 6.33863502e+01
-6.32275687e+00 -1.91822193e+02]
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[ 0.00000000e+00 0.00000000e+00 -1.34011468e+02 ... -8.32588894e+01
1.40457288e+00 2.72863577e+02]]
[06-24 17:37:21][INFO]
[[-1.50977297e-02 -3.12681380e+00 1.33788199e+00 ... 1.58950847e+00
1.86075964e+00 -4.77677127e+00]
[ 0.00000000e+00 4.22837270e+01 -1.25849678e+01 ... -1.81768966e+01
-2.53907269e+01 5.36198282e+01]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 6.95565718e+00
-7.52746680e+00 -1.39944560e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.40511680e+01
7.74807332e+01 -3.60215388e+01]
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-1.72218769e+01 3.55976556e+00]
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-1.08501310e+02 6.85354708e+01]]
[06-24 17:37:21][INFO]
[[-1.50977297e-02 -3.12681380e+00 1.33788199e+00 ... 1.58950847e+00
1.86075964e+00 -4.77677127e+00]
[ 0.00000000e+00 4.22837270e+01 -1.25849678e+01 ... -1.81768966e+01
-2.53907269e+01 5.36198282e+01]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 6.95565718e+00

```

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-7.52746680e+00 -1.39944560e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.31607540e+02
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[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... 4.43517264e+01
-6.99508548e+02 1.20597346e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.78828188e+02
-5.57546005e+03 9.70311623e+03]]
[06-24 17:37:21][INFO]
[[-1.50977297e-02 -3.12681380e+00 1.33788199e+00 ... 1.58950847e+00
 1.86075964e+00 -4.77677127e+00]
[ 0.00000000e+00 4.22837270e+01 -1.25849678e+01 ... -1.81768966e+01
-2.53907269e+01 5.36198282e+01]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 6.95565718e+00
-7.52746680e+00 -1.39944560e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.54702487e+01
-1.57111861e+02 1.02535007e+02]
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... 2.08775832e+01
2.21066240e+01 -2.44248034e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.14135042e+01
1.85827103e+02 -1.20232778e+02]]
[06-24 17:37:21][INFO]
[[-1.50977297e-02 -3.12681380e+00 1.33788199e+00 ... 1.58950847e+00
 1.86075964e+00 -4.77677127e+00]
[ 0.00000000e+00 4.22837270e+01 -1.25849678e+01 ... -1.81768966e+01
-2.53907269e+01 5.36198282e+01]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 6.95565718e+00
-7.52746680e+00 -1.39944560e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.92591379e+01
1.59879244e+02 -1.59103398e+02]
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... -4.49473878e+00
-2.39234145e+01 1.35675115e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.27662806e+02
-2.11617442e+02 2.07810361e+02]]
[06-24 17:37:21][INFO]
[[-1.50977297e-02 -3.12681380e+00 1.33788199e+00 ... 1.58950847e+00
 1.86075964e+00 -4.77677127e+00]
[ 0.00000000e+00 4.22837270e+01 -1.25849678e+01 ... -1.81768966e+01
-2.53907269e+01 5.36198282e+01]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 6.95565718e+00
-7.52746680e+00 -1.39944560e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.39202157e+01
3.40232882e+01 -6.92551532e+01]
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... 4.22622049e+00
-9.35478742e+00 3.16700581e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.11349842e+01
-6.70700908e+01 1.04618376e+02]]
[06-24 17:37:21][INFO]
[[-1.50977297e-02 -3.12681380e+00 1.33788199e+00 ... 1.58950847e+00
 1.86075964e+00 -4.77677127e+00]
[ 0.00000000e+00 4.22837270e+01 -1.25849678e+01 ... -1.81768966e+01

```

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-2.53907269e+01  5.36198282e+01]
[ 0.00000000e+00  0.00000000e+00  9.17846118e+00 ...  6.95565718e+00
-7.52746680e+00 -1.39944560e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  9.99522091e+02
 1.71451900e+03 -2.51105225e+03]
[ 0.00000000e+00 -2.84217094e-14  0.00000000e+00 ... -5.23678752e+02
-9.18682726e+02  1.32444043e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.32474649e+03
-2.27811917e+03  3.31732115e+03]]
[06-24 17:37:21][INFO]
[[-1.50977297e-02 -3.12681380e+00  1.33788199e+00 ...  1.58950847e+00
 1.86075964e+00 -4.77677127e+00]
[ 0.00000000e+00  4.22837270e+01 -1.25849678e+01 ... -1.81768966e+01
-2.53907269e+01  5.36198282e+01]
[ 0.00000000e+00  0.00000000e+00  9.17846118e+00 ...  6.95565718e+00
-7.52746680e+00 -1.39944560e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.90643604e+02
-3.48342830e+02  3.05663462e+01]
[ 0.00000000e+00 -2.84217094e-14  0.00000000e+00 ...  9.73090616e+01
 1.57648127e+02 -1.68935444e+00]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.23721129e+02
 4.05771616e+02  1.05428447e+01]]
[06-24 17:37:21][INFO]
[[-1.50977297e-02 -3.12681380e+00  1.33788199e+00 ...  1.58950847e+00
 1.86075964e+00 -4.77677127e+00]
[ 0.00000000e+00  4.22837270e+01 -1.25849678e+01 ... -1.81768966e+01
-2.53907269e+01  5.36198282e+01]
[ 0.00000000e+00  0.00000000e+00  9.17846118e+00 ...  6.95565718e+00
-7.52746680e+00 -1.39944560e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.62439501e+03
-1.02786367e+03  3.17155369e+03]
[ 0.00000000e+00 -2.84217094e-14  0.00000000e+00 ...  7.59430351e+02
 4.71457909e+02 -1.45222993e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.04067916e+03
 1.26691173e+03 -3.96995348e+03]]
[06-24 17:37:21][INFO]
[[-1.50977297e-02 -3.12681380e+00  1.33788199e+00 ...  1.58950847e+00
 1.86075964e+00 -4.77677127e+00]
[ 0.00000000e+00  4.22837270e+01 -1.25849678e+01 ... -1.81768966e+01
-2.53907269e+01  5.36198282e+01]
[ 0.00000000e+00  0.00000000e+00  9.17846118e+00 ...  6.95565718e+00
-7.52746680e+00 -1.39944560e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.33578925e+03
 2.17227878e+03 -2.37742018e+03]
[ 0.00000000e+00 -2.84217094e-14  0.00000000e+00 ... -5.61591323e+02
-9.56648307e+02  1.02407360e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.70512212e+03
-2.78253137e+03  3.05168830e+03]]
[06-24 17:37:21][INFO]
[[-1.50977297e-02 -3.12681380e+00  1.33788199e+00 ...  1.58950847e+00

```



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1.86075964e+00 -4.77677127e+00]
[ 0.00000000e+00 4.22837270e+01 -1.25849678e+01 ... -1.81768966e+01
-2.53907269e+01 5.36198282e+01]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 6.95565718e+00
-7.52746680e+00 -1.39944560e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.21190617e+02
-1.31693494e+02 -2.04326229e+01]
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... -3.57002767e+01
4.09144720e+01 3.55652365e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.50542086e+02
1.66351665e+02 3.49503413e+01]]
[06-24 17:37:21][INFO]
[[-1.50977297e-02 -3.12681380e+00 1.33788199e+00 ... 1.58950847e+00
1.86075964e+00 -4.77677127e+00]
[ 0.00000000e+00 4.22837270e+01 -1.25849678e+01 ... -1.81768966e+01
-2.53907269e+01 5.36198282e+01]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 6.95565718e+00
-7.52746680e+00 -1.39944560e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.75755984e+02
-4.93436710e+02 -5.43263158e+02]
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... -2.68940148e+02
1.93056936e+02 2.23449315e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -8.19938293e+02
6.02999084e+02 6.66040556e+02]]
[06-24 17:37:21][INFO]
[[-1.50977297e-02 -3.12681380e+00 1.33788199e+00 ... 1.58950847e+00
1.86075964e+00 -4.77677127e+00]
[ 0.00000000e+00 4.22837270e+01 -1.25849678e+01 ... -1.81768966e+01
-2.53907269e+01 5.36198282e+01]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 6.95565718e+00
-7.52746680e+00 -1.39944560e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.10856781e+02
1.07155584e+02 -1.17160365e+02]
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... -3.79675640e+01
-5.25096243e+01 4.92269716e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.23724768e+02
-1.37204611e+02 1.40887528e+02]]
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[[-1.50977297e-02 -3.12681380e+00 1.33788199e+00 ... 1.58950847e+00
1.86075964e+00 -4.77677127e+00]
[ 0.00000000e+00 4.22837270e+01 -1.25849678e+01 ... -1.81768966e+01
-2.53907269e+01 5.36198282e+01]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 6.95565718e+00
-7.52746680e+00 -1.39944560e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.90104243e+02
-3.68547516e+03 7.72078191e+03]
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... -1.46126841e+02
1.41646773e+03 -2.98659710e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.51942830e+02
4.32052582e+03 -9.07156584e+03]]

```

```

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[ 0.00000000e+00 4.22837270e+01 -1.25849678e+01 ... -1.81768966e+01
-2.53907269e+01 5.36198282e+01]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 6.95565718e+00
-7.52746680e+00 -1.39944560e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 7.92640790e+00
-8.84537877e+01 -7.14469861e+01]
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... 1.73537908e+00
2.48026046e+01 2.81676403e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.09965051e+00
9.60565881e+01 7.99036356e+01]]]
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[[-1.50977297e-02 -3.12681380e+00 1.33788199e+00 ... 1.58950847e+00
 1.86075964e+00 -4.77677127e+00]
[ 0.00000000e+00 4.22837270e+01 -1.25849678e+01 ... -1.81768966e+01
-2.53907269e+01 5.36198282e+01]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 6.95565718e+00
-7.52746680e+00 -1.39944560e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.34268814e+01
3.24893651e+02 1.20452534e+02]
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... -1.24077465e+01
-1.39871953e+02 -4.82837069e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.26135375e+01
-3.64020769e+02 -1.33690585e+02]]]
[06-24 17:37:21][INFO]
[[-1.50977297e-02 -3.12681380e+00 1.33788199e+00 ... 1.58950847e+00
 1.86075964e+00 -4.77677127e+00]
[ 0.00000000e+00 4.22837270e+01 -1.25849678e+01 ... -1.81768966e+01
-2.53907269e+01 5.36198282e+01]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 6.95565718e+00
-7.52746680e+00 -1.39944560e+01]
...
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[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... 1.55235947e+02
3.87509340e+02 -1.78560735e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.28309447e+02
1.11743056e+03 -4.99647966e+02]]]
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[[-1.50977297e-02 -3.12681380e+00 1.33788199e+00 ... 1.58950847e+00
 1.86075964e+00 -4.77677127e+00]
[ 0.00000000e+00 4.22837270e+01 -1.25849678e+01 ... -1.81768966e+01
-2.53907269e+01 5.36198282e+01]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 6.95565718e+00
-7.52746680e+00 -1.39944560e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 8.84720194e+02
2.79865890e+03 -1.05100501e+03]
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... -2.70691151e+02
-8.94015567e+02 3.27302258e+02]

```

```
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.03817803e+03
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1.86075964e+00 -4.77677127e+00]
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-2.53907269e+01 5.36198282e+01]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 6.95565718e+00
-7.52746680e+00 -1.39944560e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.19987752e+02
-3.47290201e+03 8.35844609e+02]
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... 1.57763001e+02
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-2.53907269e+01 5.36198282e+01]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 6.95565718e+00
-7.52746680e+00 -1.39944560e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.06512958e+02
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[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... -7.62022187e+01
-3.75588165e+02 1.70455785e+02]
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-1.68592888e+03 7.54307437e+02]]
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[[-1.50977297e-02 -3.12681380e+00 1.33788199e+00 ... 1.58950847e+00
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-2.53907269e+01 5.36198282e+01]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 6.95565718e+00
-7.52746680e+00 -1.39944560e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.63439257e+02
-8.16222453e+02 5.67961737e+01]
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2.59907625e+02 -2.55405473e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.03631519e+02
9.77310338e+02 -6.70750568e+01]]
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[[-1.50977297e-02 -3.12681380e+00 1.33788199e+00 ... 1.58950847e+00
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-2.53907269e+01 5.36198282e+01]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 6.95565718e+00
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...
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 -2.53907269e+01 5.36198282e+01]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 6.95565718e+00
 -7.52746680e+00 -1.39944560e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.04139573e+03
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[06-24 17:37:21][INFO]
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 -2.53907269e+01 5.36198282e+01]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 6.95565718e+00
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...
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 6.82620308e+00 -2.16751049e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.96003714e+00
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[[-1.50977297e-02 -3.12681380e+00 1.33788199e+00 ... 1.58950847e+00
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 -2.53907269e+01 5.36198282e+01]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 6.95565718e+00
 -7.52746680e+00 -1.39944560e+01]
...
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 -2.53907269e+01 5.36198282e+01]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 6.95565718e+00
 -7.52746680e+00 -1.39944560e+01]
...
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```

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-6.64900859e+01 1.14913424e+02]]
[06-24 17:37:21][INFO]
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-2.53907269e+01 5.36198282e+01]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 6.95565718e+00
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...
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-1.21976199e+03 1.04775950e+03]
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[06-24 17:37:21][INFO]
[[-1.50977297e-02 -3.12681380e+00 1.33788199e+00 ... 1.58950847e+00
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-2.53907269e+01 5.36198282e+01]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 6.95565718e+00
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...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.27154426e+03
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[06-24 17:37:21][INFO]
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[ 0.00000000e+00 4.22837270e+01 -1.25849678e+01 ... -1.81768966e+01
-2.53907269e+01 5.36198282e+01]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 6.95565718e+00
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...
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-1.98822923e+01 -1.62537883e+02]
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[ 0.00000000e+00 4.22837270e+01 -1.25849678e+01 ... -1.81768966e+01
-2.53907269e+01 5.36198282e+01]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 6.95565718e+00

```

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-7.52746680e+00 -1.39944560e+01]
...
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-2.53907269e+01 5.36198282e+01]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 6.95565718e+00
-7.52746680e+00 -1.39944560e+01]
...
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[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 6.95565718e+00
-7.52746680e+00 -1.39944560e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.07431363e+01
8.81679840e+01 1.35307266e+01]
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2.08954659e+02 7.52690976e+01]
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[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 6.95565718e+00
-7.52746680e+00 -1.39944560e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.82162033e+03
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[06-24 17:37:21][INFO]
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[ 0.00000000e+00 4.22837270e+01 -1.25849678e+01 ... -1.81768966e+01
```

```

-2.53907269e+01  5.36198282e+01]
[ 0.00000000e+00  0.00000000e+00  9.17846118e+00 ...  6.95565718e+00
-7.52746680e+00 -1.39944560e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -5.33925151e+03
 1.18479477e+04  5.14479666e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.03298532e+03
-2.23093022e+03 -9.78156188e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  4.67988175e+03
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[06-24 17:37:21][INFO]
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 1.86075964e+00 -4.77677127e+00]
[ 0.00000000e+00  4.22837270e+01 -1.25849678e+01 ... -1.81768966e+01
-2.53907269e+01  5.36198282e+01]
[ 0.00000000e+00  0.00000000e+00  9.17846118e+00 ...  6.95565718e+00
-7.52746680e+00 -1.39944560e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -3.26665767e+01
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[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  3.30190953e+01
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[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  5.70316029e+01
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[06-24 17:37:21][INFO]
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 1.86075964e+00 -4.77677127e+00]
[ 0.00000000e+00  4.22837270e+01 -1.25849678e+01 ... -1.81768966e+01
-2.53907269e+01  5.36198282e+01]
[ 0.00000000e+00  0.00000000e+00  9.17846118e+00 ...  6.95565718e+00
-7.52746680e+00 -1.39944560e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  6.66405457e+01
-1.67153310e+02  1.11252307e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.70218899e+00
 1.54501199e+02  3.41115407e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.51096931e+01
 7.10269881e+01 -3.55952727e+01]]
[06-24 17:37:21][INFO]
[[-1.50977297e-02 -3.12681380e+00  1.33788199e+00 ...  1.58950847e+00
 1.86075964e+00 -4.77677127e+00]
[ 0.00000000e+00  4.22837270e+01 -1.25849678e+01 ... -1.81768966e+01
-2.53907269e+01  5.36198282e+01]
[ 0.00000000e+00  0.00000000e+00  9.17846118e+00 ...  6.95565718e+00
-7.52746680e+00 -1.39944560e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -8.23958109e+02
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[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -6.99497669e+03
 1.07317105e+04  2.16265595e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.01729411e+03
-3.01657113e+03 -6.56939665e+02]]
[06-24 17:37:21][INFO]
[[-1.50977297e-02 -3.12681380e+00  1.33788199e+00 ...  1.58950847e+00

```

```

1.86075964e+00 -4.77677127e+00]
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-2.53907269e+01 5.36198282e+01]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 6.95565718e+00
-7.52746680e+00 -1.39944560e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.23947610e+02
6.23291130e+01 2.04871447e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.01579716e+02
3.71395470e+02 -2.63777748e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.17534442e+02
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[[-1.50977297e-02 -3.12681380e+00 1.33788199e+00 ... 1.58950847e+00
1.86075964e+00 -4.77677127e+00]
[ 0.00000000e+00 4.22837270e+01 -1.25849678e+01 ... -1.81768966e+01
-2.53907269e+01 5.36198282e+01]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 6.95565718e+00
-7.52746680e+00 -1.39944560e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.61645391e+01
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-3.03491811e+02 1.41001554e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.86561269e+01
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[[-1.50977297e-02 -3.12681380e+00 1.33788199e+00 ... 1.58950847e+00
1.86075964e+00 -4.77677127e+00]
[ 0.00000000e+00 4.22837270e+01 -1.25849678e+01 ... -1.81768966e+01
-2.53907269e+01 5.36198282e+01]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 6.95565718e+00
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...
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[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.01225018e+04
5.93152633e+03 -1.02604279e+04]
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[[-1.50977297e-02 -3.12681380e+00 1.33788199e+00 ... 1.58950847e+00
1.86075964e+00 -4.77677127e+00]
[ 0.00000000e+00 4.22837270e+01 -1.25849678e+01 ... -1.81768966e+01
-2.53907269e+01 5.36198282e+01]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 6.95565718e+00
-7.52746680e+00 -1.39944560e+01]
...
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[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.54375262e+04
8.81859678e+03 -1.71938289e+04]
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-4.20671220e+03 8.18293199e+03]]

```



```

[06-24 17:37:21][INFO]
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[ 0.00000000e+00 4.22837270e+01 -1.25849678e+01 ... -1.81768966e+01
-2.53907269e+01 5.36198282e+01]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 6.95565718e+00
-7.52746680e+00 -1.39944560e+01]
...
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[ 0.00000000e+00 4.22837270e+01 -1.25849678e+01 ... -1.81768966e+01
-2.53907269e+01 5.36198282e+01]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 6.95565718e+00
-7.52746680e+00 -1.39944560e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.16145365e+01
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[ 0.00000000e+00 4.22837270e+01 -1.25849678e+01 ... -1.81768966e+01
-2.53907269e+01 5.36198282e+01]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 6.95565718e+00
-7.52746680e+00 -1.39944560e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.47738887e+01
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[[-1.50977297e-02 -3.12681380e+00 1.33788199e+00 ... 1.58950847e+00
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[ 0.00000000e+00 4.22837270e+01 -1.25849678e+01 ... -1.81768966e+01
-2.53907269e+01 5.36198282e+01]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 6.95565718e+00
-7.52746680e+00 -1.39944560e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 7.61494051e+02
-1.23071484e+03 6.15468660e+02]
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```

```
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1.86075964e+00 -4.77677127e+00]
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-2.53907269e+01 5.36198282e+01]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 6.95565718e+00
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...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.14534596e+01
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2.56581479e+02 1.26515481e+01]
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[06-24 17:37:21][INFO]
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-2.53907269e+01 5.36198282e+01]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 6.95565718e+00
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...
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[06-24 17:37:21][INFO]
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-2.53907269e+01 5.36198282e+01]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 6.95565718e+00
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...
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[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.98021655e+02
3.70729496e+03 5.94200391e+02]
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[06-24 17:37:21][INFO]
[[-1.50977297e-02 -3.12681380e+00 1.33788199e+00 ... 1.58950847e+00
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-2.53907269e+01 5.36198282e+01]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 6.95565718e+00
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...
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```
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[06-24 17:37:21][INFO]
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[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 6.95565718e+00
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...
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[ 0.00000000e+00 4.22837270e+01 -1.25849678e+01 ... -1.81768966e+01
-2.53907269e+01 5.36198282e+01]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 6.95565718e+00
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...
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[ 0.00000000e+00 4.22837270e+01 -1.25849678e+01 ... -1.81768966e+01
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[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 6.95565718e+00
-7.52746680e+00 -1.39944560e+01]
...
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[[-1.50977297e-02 -3.12681380e+00 1.33788199e+00 ... 1.58950847e+00
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-2.53907269e+01 5.36198282e+01]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 6.95565718e+00
-7.52746680e+00 -1.39944560e+01]
...
```

```

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[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 6.95565718e+00
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...
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[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 6.95565718e+00
-7.52746680e+00 -1.39944560e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.09661401e+03
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[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.58913028e+03
1.12931990e+03 1.03140081e+03]
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[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 6.95565718e+00
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...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -8.35291688e+00
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[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 6.95565718e+00

```

```

-7.52746680e+00 -1.39944560e+01]
...
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[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 6.95565718e+00
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...
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[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 6.95565718e+00
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...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.43581767e+01
1.48856636e+02 5.08876300e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.83148379e+00
4.12768380e+01 -4.30988650e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.92676514e+00
-7.70317124e+01 -3.59282059e+01]]
[06-24 17:37:21][INFO]
[[-1.50977297e-02 -3.12681380e+00 1.33788199e+00 ... 1.58950847e+00
1.86075964e+00 -4.77677127e+00]
[ 0.00000000e+00 4.22837270e+01 -1.25849678e+01 ... -1.81768966e+01
-2.53907269e+01 5.36198282e+01]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 6.95565718e+00
-7.52746680e+00 -1.39944560e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.67516964e+01
-1.30460770e+02 8.00523233e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.26906149e+00
9.01139578e+01 -4.50229797e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -8.23655122e+00
4.26369305e+01 -4.84233071e+01]]
[06-24 17:37:21][INFO]
[[-1.50977297e-02 -3.12681380e+00 1.33788199e+00 ... 1.58950847e+00
1.86075964e+00 -4.77677127e+00]
[ 0.00000000e+00 4.22837270e+01 -1.25849678e+01 ... -1.81768966e+01

```

```

-2.53907269e+01  5.36198282e+01]
[ 0.00000000e+00  0.00000000e+00  9.17846118e+00 ...  6.95565718e+00
-7.52746680e+00 -1.39944560e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  8.63535805e+00
 9.41259870e+01 -3.21563208e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.45365606e+01
-2.36687207e+01  1.14309135e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  4.18393879e+00
-1.11338863e+02  2.85064962e+01]]
[06-24 17:37:21][INFO]
[[-1.50977297e-02 -3.12681380e+00  1.33788199e+00 ...  1.58950847e+00
 1.86075964e+00 -4.77677127e+00]
[ 0.00000000e+00  4.22837270e+01 -1.25849678e+01 ... -1.81768966e+01
-2.53907269e+01  5.36198282e+01]
[ 0.00000000e+00  0.00000000e+00  9.17846118e+00 ...  6.95565718e+00
-7.52746680e+00 -1.39944560e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -8.48487812e+02
-1.59043235e+03 -4.23031532e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.66577354e+02
-3.99276975e+02 -7.57230619e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  6.78258060e+02
 1.21346161e+03  3.35905565e+02]]
[06-24 17:37:21][INFO]
[[-1.50977297e-02 -3.12681380e+00  1.33788199e+00 ...  1.58950847e+00
 1.86075964e+00 -4.77677127e+00]
[ 0.00000000e+00  4.22837270e+01 -1.25849678e+01 ... -1.81768966e+01
-2.53907269e+01  5.36198282e+01]
[ 0.00000000e+00  0.00000000e+00  9.17846118e+00 ...  6.95565718e+00
-7.52746680e+00 -1.39944560e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  3.90175875e+02
 1.37857802e+03  1.40042649e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.84247226e+02
 1.06636910e+03  8.56501824e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -3.81796385e+02
-1.32743199e+03 -1.45976074e+02]]
[06-24 17:37:21][INFO]
[[-1.50977297e-02 -3.12681380e+00  1.33788199e+00 ...  1.58950847e+00
 1.86075964e+00 -4.77677127e+00]
[ 0.00000000e+00  4.22837270e+01 -1.25849678e+01 ... -1.81768966e+01
-2.53907269e+01  5.36198282e+01]
[ 0.00000000e+00  0.00000000e+00  9.17846118e+00 ...  6.95565718e+00
-7.52746680e+00 -1.39944560e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.84247226e+02
 1.06636910e+03  8.56501824e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.60566234e+01
-2.49509237e+01  2.73119722e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.39673342e+01
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[06-24 17:37:21][INFO]
[[-1.50977297e-02 -3.12681380e+00  1.33788199e+00 ...  1.58950847e+00

```

```

1.86075964e+00 -4.77677127e+00]
[ 0.00000000e+00 4.22837270e+01 -1.25849678e+01 ... -1.81768966e+01
-2.53907269e+01 5.36198282e+01]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 6.95565718e+00
-7.52746680e+00 -1.39944560e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.84247226e+02
1.06636910e+03 8.56501824e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.60566234e+01
-2.49509237e+01 2.73119722e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 0.00000000e+00
-2.22602765e+01 2.61391428e+00]]
n = 67: 0.219912 segundos
[06-24 17:37:21][INFO]
[[-8.16475545e-03 -3.74541910e+00 3.37896675e+00 ... 3.31586486e+00
4.91778572e+00 1.23093735e+00]
[ 0.00000000e+00 -1.83414224e+03 1.65302233e+03 ... 1.62409578e+03
2.41412403e+03 6.06371093e+02]
[ 0.00000000e+00 -1.05066445e+03 9.54792800e+02 ... 9.35439060e+02
1.38115313e+03 3.47210108e+02]
...
[ 0.00000000e+00 -8.78690175e+01 8.29813290e+01 ... 7.76334285e+01
1.15695031e+02 2.73918130e+01]
[ 0.00000000e+00 2.11803597e+03 -1.90481238e+03 ... -1.86768702e+03
-2.77776020e+03 -6.95200710e+02]
[ 0.00000000e+00 -1.13013191e+03 1.02168912e+03 ... 1.00815861e+03
1.49275182e+03 3.74576500e+02]]
[06-24 17:37:21][INFO]
[[-8.16475545e-03 -3.74541910e+00 3.37896675e+00 ... 3.31586486e+00
4.91778572e+00 1.23093735e+00]
[ 0.00000000e+00 -4.61042359e+01 3.84356888e+01 ... 4.21107404e+01
5.35769466e+01 1.41894361e+01]
[ 0.00000000e+00 0.00000000e+00 7.88860381e+01 ... -2.42180545e+01
1.60193877e+02 2.38485817e+01]
...
[ 0.00000000e+00 0.00000000e+00 9.72762157e+00 ... -2.62447637e+00
1.35839441e+01 3.48488729e-01]
[ 0.00000000e+00 0.00000000e+00 -1.39070692e+02 ... 6.68871265e+01
-3.16426706e+02 -4.33357485e+01]
[ 0.00000000e+00 0.00000000e+00 7.95327747e+01 ... -2.40825773e+01
1.79444797e+02 2.67573866e+01]]
[06-24 17:37:21][INFO]
[[-8.16475545e-03 -3.74541910e+00 3.37896675e+00 ... 3.31586486e+00
4.91778572e+00 1.23093735e+00]
[ 0.00000000e+00 -4.61042359e+01 3.84356888e+01 ... 4.21107404e+01
5.35769466e+01 1.41894361e+01]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 4.22811400e+00
-4.86917971e+00 1.80988414e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.10070929e+00
8.09883465e-02 5.36756522e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.00741689e+02
-1.23382046e+02 -1.15090847e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 7.17822282e+01

```

```

        6.90449910e+01  6.77932222e+01]]
[06-24 17:37:21][INFO]
[[-8.16475545e-03 -3.74541910e+00  3.37896675e+00 ...  3.31586486e+00
  4.91778572e+00  1.23093735e+00]
 [ 0.00000000e+00 -4.61042359e+01  3.84356888e+01 ...  4.21107404e+01
  5.35769466e+01  1.41894361e+01]
 [ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ...  4.22811400e+00
 -4.86917971e+00  1.80988414e+00]
...
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -3.78140151e+02
  4.17352805e+01 -2.00240328e+02]
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  9.47240088e+02
 -1.14055926e+02  5.03004991e+02]
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -5.08416846e+02
  6.38817271e+01 -2.74406080e+02]]
[06-24 17:37:21][INFO]
[[-8.16475545e-03 -3.74541910e+00  3.37896675e+00 ...  3.31586486e+00
  4.91778572e+00  1.23093735e+00]
 [ 0.00000000e+00 -4.61042359e+01  3.84356888e+01 ...  4.21107404e+01
  5.35769466e+01  1.41894361e+01]
 [ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ...  4.22811400e+00
 -4.86917971e+00  1.80988414e+00]
...
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  6.63483771e+01
 -1.63667504e+01  4.35107071e+01]
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.68391748e+02
  3.17756788e+01 -1.08791258e+02]
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.12808466e+02
 -1.73227359e+01  6.62648327e+01]]
[06-24 17:37:21][INFO]
[[-8.16475545e-03 -3.74541910e+00  3.37896675e+00 ...  3.31586486e+00
  4.91778572e+00  1.23093735e+00]
 [ 0.00000000e+00 -4.61042359e+01  3.84356888e+01 ...  4.21107404e+01
  5.35769466e+01  1.41894361e+01]
 [ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ...  4.22811400e+00
 -4.86917971e+00  1.80988414e+00]
...
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.51483377e+02
  8.43860585e+01 -1.78474472e+02]
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  6.20243461e+02
 -2.18222037e+02  4.42020061e+02]
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -3.23729928e+02
  1.21060131e+02 -2.38629351e+02]]
[06-24 17:37:21][INFO]
[[-8.16475545e-03 -3.74541910e+00  3.37896675e+00 ...  3.31586486e+00
  4.91778572e+00  1.23093735e+00]
 [ 0.00000000e+00 -4.61042359e+01  3.84356888e+01 ...  4.21107404e+01
  5.35769466e+01  1.41894361e+01]
 [ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ...  4.22811400e+00
 -4.86917971e+00  1.80988414e+00]
...
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.84731424e+03
 -6.56415557e+02  1.31854947e+03]
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -4.91067728e+03

```



```

1.73399812e+03 -3.50305815e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.69277981e+03
-9.43661528e+02 1.91297747e+03]]
[06-24 17:37:21][INFO]
[[-8.16475545e-03 -3.74541910e+00 3.37896675e+00 ... 3.31586486e+00
4.91778572e+00 1.23093735e+00]
[ 0.00000000e+00 -4.61042359e+01 3.84356888e+01 ... 4.21107404e+01
5.35769466e+01 1.41894361e+01]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 4.22811400e+00
-4.86917971e+00 1.80988414e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.15523953e+01
9.09261885e+01 -3.21358011e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.63369695e+02
-2.52545647e+02 8.72610311e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -8.84716709e+01
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[06-24 17:37:21][INFO]
[[-8.16475545e-03 -3.74541910e+00 3.37896675e+00 ... 3.31586486e+00
4.91778572e+00 1.23093735e+00]
[ 0.00000000e+00 -4.61042359e+01 3.84356888e+01 ... 4.21107404e+01
5.35769466e+01 1.41894361e+01]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 4.22811400e+00
-4.86917971e+00 1.80988414e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.78462843e+00
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[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.57438336e+00
3.97335111e+01 -3.53870561e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.32800964e+00
-1.65824080e+01 1.29058758e+01]]
[06-24 17:37:21][INFO]
[[-8.16475545e-03 -3.74541910e+00 3.37896675e+00 ... 3.31586486e+00
4.91778572e+00 1.23093735e+00]
[ 0.00000000e+00 -4.61042359e+01 3.84356888e+01 ... 4.21107404e+01
5.35769466e+01 1.41894361e+01]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 4.22811400e+00
-4.86917971e+00 1.80988414e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.58901053e+01
-1.59369135e+02 1.17803188e+02]
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4.84973948e+02 -3.62625148e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -8.38133474e+01
-2.04160243e+02 1.50769842e+02]]
[06-24 17:37:21][INFO]
[[-8.16475545e-03 -3.74541910e+00 3.37896675e+00 ... 3.31586486e+00
4.91778572e+00 1.23093735e+00]
[ 0.00000000e+00 -4.61042359e+01 3.84356888e+01 ... 4.21107404e+01
5.35769466e+01 1.41894361e+01]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 4.22811400e+00
-4.86917971e+00 1.80988414e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.11048410e+02

```

```

5.22216197e+01 -1.32993290e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.42698702e+02
-1.80755480e+02 4.26457512e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.41783258e+02
6.74597220e+01 -1.71178678e+02]]
[06-24 17:37:21][INFO]
[[-8.16475545e-03 -3.74541910e+00 3.37896675e+00 ... 3.31586486e+00
4.91778572e+00 1.23093735e+00]
[ 0.00000000e+00 -4.61042359e+01 3.84356888e+01 ... 4.21107404e+01
5.35769466e+01 1.41894361e+01]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 4.22811400e+00
-4.86917971e+00 1.80988414e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.42598464e+01
1.00557089e+02 2.08966270e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.09547877e+02
-3.27515023e+02 -4.07938528e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.13347548e+01
1.24393601e+02 1.00867601e+01]]
[06-24 17:37:21][INFO]
[[-8.16475545e-03 -3.74541910e+00 3.37896675e+00 ... 3.31586486e+00
4.91778572e+00 1.23093735e+00]
[ 0.00000000e+00 -4.61042359e+01 3.84356888e+01 ... 4.21107404e+01
5.35769466e+01 1.41894361e+01]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 4.22811400e+00
-4.86917971e+00 1.80988414e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.11981684e+02
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[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.04874065e+03
-9.86021003e+02 2.39617364e+02]
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3.84786432e+02 -1.00796167e+02]]
[06-24 17:37:22][INFO]
[[-8.16475545e-03 -3.74541910e+00 3.37896675e+00 ... 3.31586486e+00
4.91778572e+00 1.23093735e+00]
[ 0.00000000e+00 -4.61042359e+01 3.84356888e+01 ... 4.21107404e+01
5.35769466e+01 1.41894361e+01]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 4.22811400e+00
-4.86917971e+00 1.80988414e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -9.06867083e+00
-9.15517482e+01 -4.84358434e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.08217976e+01
2.75586966e+02 1.95308438e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.84498241e+01
-1.18710128e+02 -8.31128670e+01]]
[06-24 17:37:22][INFO]
[[-8.16475545e-03 -3.74541910e+00 3.37896675e+00 ... 3.31586486e+00
4.91778572e+00 1.23093735e+00]
[ 0.00000000e+00 -4.61042359e+01 3.84356888e+01 ... 4.21107404e+01
5.35769466e+01 1.41894361e+01]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 4.22811400e+00
-4.86917971e+00 1.80988414e+00]

```

```

...
[ 0.00000000e+00 -2.27373675e-13 0.00000000e+00 ... 2.07837729e+01
 3.05932844e+02 1.44418263e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.80032127e+01
-7.22089831e+02 -3.32516733e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.87425182e+00
2.37900114e+02 1.05553305e+02]]
[06-24 17:37:22][INFO]
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4.91778572e+00 1.23093735e+00]
[ 0.00000000e+00 -4.61042359e+01 3.84356888e+01 ... 4.21107404e+01
5.35769466e+01 1.41894361e+01]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 4.22811400e+00
-4.86917971e+00 1.80988414e+00]
...
[ 0.00000000e+00 -2.27373675e-13 0.00000000e+00 ... -3.91947283e+01
1.57007198e+01 -8.97127365e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.74803878e+01
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[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.37527551e+01
4.13086313e+01 -5.30375494e+01]]
[06-24 17:37:22][INFO]
[[-8.16475545e-03 -3.74541910e+00 3.37896675e+00 ... 3.31586486e+00
4.91778572e+00 1.23093735e+00]
[ 0.00000000e+00 -4.61042359e+01 3.84356888e+01 ... 4.21107404e+01
5.35769466e+01 1.41894361e+01]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 4.22811400e+00
-4.86917971e+00 1.80988414e+00]
...
[ 0.00000000e+00 -2.27373675e-13 0.00000000e+00 ... 6.09621346e+01
-5.70250081e+01 -6.03832961e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.56693239e+02
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4.91778572e+00 1.23093735e+00]
[ 0.00000000e+00 -4.61042359e+01 3.84356888e+01 ... 4.21107404e+01
5.35769466e+01 1.41894361e+01]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 4.22811400e+00
-4.86917971e+00 1.80988414e+00]
...
[ 0.00000000e+00 -2.27373675e-13 0.00000000e+00 ... 4.51853036e+02
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[[-8.16475545e-03 -3.74541910e+00 3.37896675e+00 ... 3.31586486e+00
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[ 0.00000000e+00 -4.61042359e+01 3.84356888e+01 ... 4.21107404e+01
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[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.23463066e+03
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[ 0.00000000e+00 -4.61042359e+01 3.84356888e+01 ... 4.21107404e+01
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...
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[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 4.22811400e+00
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[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 4.22811400e+00
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[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 4.22811400e+00
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...
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[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 4.22811400e+00
-4.86917971e+00 1.80988414e+00]
...
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[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 4.22811400e+00
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...
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...
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  5.35769466e+01  1.41894361e+01]
 [ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ...  4.22811400e+00
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 [ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ...  4.22811400e+00
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...
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 [ 0.00000000e+00 -4.61042359e+01  3.84356888e+01 ...  4.21107404e+01
  5.35769466e+01  1.41894361e+01]
 [ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ...  4.22811400e+00
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...
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5.35769466e+01 1.41894361e+01]
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...
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5.35769466e+01 1.41894361e+01]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 4.22811400e+00
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...
[ 0.00000000e+00 -2.27373675e-13 0.00000000e+00 ... -1.17773360e+02
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...
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[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.31539371e-01
-2.46210449e+01 -1.73457005e+01]]
[06-24 17:37:22][INFO]
[[-8.16475545e-03 -3.74541910e+00 3.37896675e+00 ... 3.31586486e+00
4.91778572e+00 1.23093735e+00]
[ 0.00000000e+00 -4.61042359e+01 3.84356888e+01 ... 4.21107404e+01
5.35769466e+01 1.41894361e+01]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 4.22811400e+00
-4.86917971e+00 1.80988414e+00]
...
[ 0.00000000e+00 0.00000000e+00 1.42108547e-14 ... -1.70887794e+01
7.05659459e+02 4.71201189e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.70596160e+01
-2.59090720e+02 -1.66624024e+02]
[ 0.00000000e+00 2.27373675e-13 0.00000000e+00 ... -1.66755313e+00
5.33309940e+02 3.29445623e+02]]
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[[-8.16475545e-03 -3.74541910e+00 3.37896675e+00 ... 3.31586486e+00
4.91778572e+00 1.23093735e+00]
[ 0.00000000e+00 -4.61042359e+01 3.84356888e+01 ... 4.21107404e+01
5.35769466e+01 1.41894361e+01]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 4.22811400e+00
-4.86917971e+00 1.80988414e+00]
...
[ 0.00000000e+00 0.00000000e+00 1.42108547e-14 ... 3.91920731e+01

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[ 0.00000000e+00 2.27373675e-13 0.00000000e+00 ... 4.07306723e+01
-1.10607646e+02 -8.46646923e+01]]
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 4.91778572e+00 1.23093735e+00]
[ 0.00000000e+00 -4.61042359e+01 3.84356888e+01 ... 4.21107404e+01
 5.35769466e+01 1.41894361e+01]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 4.22811400e+00
-4.86917971e+00 1.80988414e+00]
...
[ 0.00000000e+00 0.00000000e+00 1.42108547e-14 ... 1.39456133e+02
-6.25200427e+02 -3.16783095e+02]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -4.61584496e+01
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[ 0.00000000e+00 2.27373675e-13 0.00000000e+00 ... 1.14077211e+02
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[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 4.22811400e+00
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...
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[ 0.00000000e+00 1.13686838e-13 0.00000000e+00 ... -1.95514693e+02
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[ 0.00000000e+00 -4.61042359e+01 3.84356888e+01 ... 4.21107404e+01
 5.35769466e+01 1.41894361e+01]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 4.22811400e+00
-4.86917971e+00 1.80988414e+00]
...
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-1.18993886e+02 -9.45448731e+00]
[ 0.00000000e+00 2.27373675e-13 0.00000000e+00 ... 2.27197383e+01
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[ 0.00000000e+00 -4.61042359e+01 3.84356888e+01 ... 4.21107404e+01
 5.35769466e+01 1.41894361e+01]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 4.22811400e+00
-4.86917971e+00 1.80988414e+00]

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...
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[ 0.00000000e+00  1.13686838e-13  0.00000000e+00 ...  2.91947169e+02
-6.49977413e+02 -2.81223194e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.67218667e+02
-3.22857761e+02 -1.51187360e+02]]
[06-24 17:37:22][INFO]
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 4.91778572e+00  1.23093735e+00]
[ 0.00000000e+00 -4.61042359e+01  3.84356888e+01 ...  4.21107404e+01
 5.35769466e+01  1.41894361e+01]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ...  4.22811400e+00
-4.86917971e+00  1.80988414e+00]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.67218667e+02
-3.22857761e+02 -1.51187360e+02]
[ 0.00000000e+00  1.13686838e-13  0.00000000e+00 ... -8.16528556e+00
-7.05347171e+01 -9.88261617e+00]
[ 0.00000000e+00  0.00000000e+00  1.42108547e-14 ... -2.29215696e+01
-2.99349482e+01  9.27505555e+00]]
[06-24 17:37:22][INFO]
[[-8.16475545e-03 -3.74541910e+00  3.37896675e+00 ...  3.31586486e+00
 4.91778572e+00  1.23093735e+00]
[ 0.00000000e+00 -4.61042359e+01  3.84356888e+01 ...  4.21107404e+01
 5.35769466e+01  1.41894361e+01]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ...  4.22811400e+00
-4.86917971e+00  1.80988414e+00]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.67218667e+02
-3.22857761e+02 -1.51187360e+02]
[ 0.00000000e+00  1.13686838e-13  0.00000000e+00 ... -8.16528556e+00
-7.05347171e+01 -9.88261617e+00]
[ 0.00000000e+00  0.00000000e+00  1.42108547e-14 ...  0.00000000e+00
 1.68069936e+02  3.70175114e+01]]
n = 72: 0.201231 segundos
[06-24 17:37:22][INFO]
[[-3.99856993e-02 -2.87186774e+00  1.72801694e+00 ...  2.41120693e+00
-2.92827831e+00  3.48725570e+00]
[ 4.44089210e-16 -2.49513863e+02  1.45696247e+02 ...  2.04166145e+02
-2.45015443e+02  3.02514747e+02]
[ 4.44089210e-16  2.24089622e+02 -1.33698736e+02 ... -1.82314529e+02
 2.25967391e+02 -2.74885223e+02]
...
[ 0.00000000e+00  1.46873674e+02 -8.85433449e+01 ... -1.16754866e+02
 1.45545702e+02 -1.70730595e+02]
[ 1.11022302e-16  5.86075351e+01 -3.29122799e+01 ... -4.61632821e+01
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[ 0.00000000e+00 -2.66851143e+02  1.65613396e+02 ...  2.26325974e+02
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[06-24 17:37:22][INFO]
[[-3.99856993e-02 -2.87186774e+00  1.72801694e+00 ...  2.41120693e+00
-2.92827831e+00  3.48725570e+00]
[ 0.00000000e+00  7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00

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8.82053525e+00 -2.38476666e+00]
[ 4.44089210e-16 0.00000000e+00 -4.50049988e+01 ... 1.28850528e+00
-2.85493815e+01 -2.06072719e+02]
...
[ 0.00000000e+00 0.00000000e+00 -3.04113579e+01 ... 3.58293448e+00
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[ 1.11022302e-16 0.00000000e+00 -9.71566214e+00 ... 1.85554700e+00
-6.81502127e+00 -4.54264250e+01]
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3.18149677e+01 2.42306919e+02]]
[06-24 17:37:22][INFO]
[[-3.99856993e-02 -2.87186774e+00 1.72801694e+00 ... 2.41120693e+00
-2.92827831e+00 3.48725570e+00]
[ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
8.82053525e+00 -2.38476666e+00]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
4.22706063e+00 2.32504320e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.57082572e+01
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[ 1.11022302e-16 0.00000000e+00 0.00000000e+00 ... 5.72928194e+00
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[06-24 17:37:22][INFO]
[[-3.99856993e-02 -2.87186774e+00 1.72801694e+00 ... 2.41120693e+00
-2.92827831e+00 3.48725570e+00]
[ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
8.82053525e+00 -2.38476666e+00]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
4.22706063e+00 2.32504320e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.50658014e+02
8.18053631e+02 5.01109624e+03]
[ 1.11022302e-16 0.00000000e+00 0.00000000e+00 ... 7.91686979e+01
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-1.07066529e+03 -6.55798304e+03]]
[06-24 17:37:22][INFO]
[[-3.99856993e-02 -2.87186774e+00 1.72801694e+00 ... 2.41120693e+00
-2.92827831e+00 3.48725570e+00]
[ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
8.82053525e+00 -2.38476666e+00]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
4.22706063e+00 2.32504320e+01]
...
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2.61529562e+01 7.10557939e+02]
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-4.13052700e+01 -9.67885264e+02]]
[06-24 17:37:22][INFO]
[[-3.99856993e-02 -2.87186774e+00 1.72801694e+00 ... 2.41120693e+00

```

```

-2.92827831e+00  3.48725570e+00]
[ 0.00000000e+00  7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
 8.82053525e+00 -2.38476666e+00]
[ 0.00000000e+00  0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
 4.22706063e+00  2.32504320e+01]
...
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[ 1.11022302e-16  0.00000000e+00  0.00000000e+00 ... -2.84717472e+02
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[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 5.79270233e+02
 -3.88351626e+00 -4.26909864e+02]]
[06-24 17:37:22][INFO]
[[-3.99856993e-02 -2.87186774e+00 1.72801694e+00 ... 2.41120693e+00
 -2.92827831e+00 3.48725570e+00]
[ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
 8.82053525e+00 -2.38476666e+00]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
 4.22706063e+00 2.32504320e+01]
...
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[06-24 17:37:22][INFO]
[[-3.99856993e-02 -2.87186774e+00 1.72801694e+00 ... 2.41120693e+00
 -2.92827831e+00 3.48725570e+00]
[ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
 8.82053525e+00 -2.38476666e+00]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
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...
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[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.50060777e+02
 -1.62636414e+02 1.62405514e+03]]
[06-24 17:37:22][INFO]
[[-3.99856993e-02 -2.87186774e+00 1.72801694e+00 ... 2.41120693e+00
 -2.92827831e+00 3.48725570e+00]
[ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
 8.82053525e+00 -2.38476666e+00]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
 4.22706063e+00 2.32504320e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.09315698e+01
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 -2.97085222e+01 2.97816108e+02]
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```

```

[06-24 17:37:22][INFO]
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-2.92827831e+00 3.48725570e+00]
[ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
8.82053525e+00 -2.38476666e+00]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
4.22706063e+00 2.32504320e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.18623413e+01
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[ 1.11022302e-16 0.00000000e+00 0.00000000e+00 ... 4.13537293e+01
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[06-24 17:37:22][INFO]
[[-3.99856993e-02 -2.87186774e+00 1.72801694e+00 ... 2.41120693e+00
-2.92827831e+00 3.48725570e+00]
[ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
8.82053525e+00 -2.38476666e+00]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
4.22706063e+00 2.32504320e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.10165745e+01
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1.01744510e+01 -5.36893675e+00]
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-6.59119741e+00 1.75537761e+01]]
[06-24 17:37:22][INFO]
[[-3.99856993e-02 -2.87186774e+00 1.72801694e+00 ... 2.41120693e+00
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[ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
8.82053525e+00 -2.38476666e+00]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
4.22706063e+00 2.32504320e+01]
...
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-7.68082921e+01 4.30961258e+02]
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1.36774462e+03 -6.87650582e+03]]
[06-24 17:37:22][INFO]
[[-3.99856993e-02 -2.87186774e+00 1.72801694e+00 ... 2.41120693e+00
-2.92827831e+00 3.48725570e+00]
[ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
8.82053525e+00 -2.38476666e+00]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
4.22706063e+00 2.32504320e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.21126892e-01
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1.91361994e+01 1.03371001e+02]

```

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[06-24 17:37:22][INFO]
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[ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
 8.82053525e+00 -2.38476666e+00]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
 4.22706063e+00 2.32504320e+01]
...
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[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.82345762e+02
-1.20846370e+02 -4.82222181e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.99258543e+02
-3.16088379e+02 -1.35306376e+03]]
[06-24 17:37:22][INFO]
[[-3.99856993e-02 -2.87186774e+00 1.72801694e+00 ... 2.41120693e+00
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[ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
 8.82053525e+00 -2.38476666e+00]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
 4.22706063e+00 2.32504320e+01]
...
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 8.46609679e+03
 2.67978467e+03 1.57930485e+04]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.39597701e+03
-1.70669540e+03 -1.00754181e+04]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.45020459e+04
-4.56562280e+03 -2.70595563e+04]]
[06-24 17:37:22][INFO]
[[-3.99856993e-02 -2.87186774e+00 1.72801694e+00 ... 2.41120693e+00
-2.92827831e+00 3.48725570e+00]
[ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
 8.82053525e+00 -2.38476666e+00]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
 4.22706063e+00 2.32504320e+01]
...
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -1.21974773e+03
-6.64955513e+02 -2.37254428e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 7.90121660e+02
 4.29503744e+02 1.52647671e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.03047609e+03
 1.14342925e+03 3.94683255e+03]]
[06-24 17:37:22][INFO]
[[-3.99856993e-02 -2.87186774e+00 1.72801694e+00 ... 2.41120693e+00
-2.92827831e+00 3.48725570e+00]
[ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
 8.82053525e+00 -2.38476666e+00]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
 4.22706063e+00 2.32504320e+01]
...
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -1.43636445e+02
-1.30937334e+02 -4.82746542e+02]

```

```

[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.06146294e+02
 9.00822699e+01 3.25322971e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.53572071e+02
 2.61644007e+02 8.26347488e+02]]
[06-24 17:37:22][INFO]
[[-3.99856993e-02 -2.87186774e+00 1.72801694e+00 ... 2.41120693e+00
 -2.92827831e+00 3.48725570e+00]
 [ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
 8.82053525e+00 -2.38476666e+00]
 [ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
 4.22706063e+00 2.32504320e+01]
 ...
 [ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 7.10189338e+01
 1.48040555e+02 2.88537493e+02]
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.84984258e+01
 -9.79059320e+01 -1.94403877e+02]
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.14170958e+02
 -2.16294979e+02 -4.94999915e+02]]
[06-24 17:37:22][INFO]
[[-3.99856993e-02 -2.87186774e+00 1.72801694e+00 ... 2.41120693e+00
 -2.92827831e+00 3.48725570e+00]
 [ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
 8.82053525e+00 -2.38476666e+00]
 [ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
 4.22706063e+00 2.32504320e+01]
 ...
 [ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 7.12369138e+00
 -1.73680732e+02 -2.24230610e+02]
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 8.28559161e-01
 1.00110817e+02 1.21200582e+02]
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.22037908e-01
 3.56949909e+02 4.18653318e+02]]
[06-24 17:37:22][INFO]
[[-3.99856993e-02 -2.87186774e+00 1.72801694e+00 ... 2.41120693e+00
 -2.92827831e+00 3.48725570e+00]
 [ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
 8.82053525e+00 -2.38476666e+00]
 [ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
 4.22706063e+00 2.32504320e+01]
 ...
 [ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -7.49403650e+01
 9.47468228e+01 -3.41295933e+02]
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.88365030e+01
 -5.69208424e+01 1.89684467e+02]
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.45571415e+02
 -1.20260510e+02 6.26772010e+02]]
[06-24 17:37:22][INFO]
[[-3.99856993e-02 -2.87186774e+00 1.72801694e+00 ... 2.41120693e+00
 -2.92827831e+00 3.48725570e+00]
 [ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
 8.82053525e+00 -2.38476666e+00]
 [ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
 4.22706063e+00 2.32504320e+01]
 ...

```

```

[ 4.44089210e-16  0.00000000e+00  0.00000000e+00 ... -6.51368483e+01
-2.77697848e+01 -1.50987313e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  4.31710434e+01
1.38815953e+01  7.97049765e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.28417103e+02
9.41205268e+01  2.93767695e+02]]
[06-24 17:37:22][INFO]
[[-3.99856993e-02 -2.87186774e+00  1.72801694e+00 ...  2.41120693e+00
-2.92827831e+00  3.48725570e+00]
[ 0.00000000e+00  7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
8.82053525e+00 -2.38476666e+00]
[ 0.00000000e+00  0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
4.22706063e+00  2.32504320e+01]
...
[ 4.44089210e-16  0.00000000e+00  0.00000000e+00 ...  1.03531816e+02
-4.06382334e+01  8.03194039e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -5.23066436e+01
2.11659935e+01 -5.12300169e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.03457829e+02
1.19440675e+02 -1.61354788e+02]]
[06-24 17:37:22][INFO]
[[-3.99856993e-02 -2.87186774e+00  1.72801694e+00 ...  2.41120693e+00
-2.92827831e+00  3.48725570e+00]
[ 0.00000000e+00  7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
8.82053525e+00 -2.38476666e+00]
[ 0.00000000e+00  0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
4.22706063e+00  2.32504320e+01]
...
[ 4.44089210e-16  0.00000000e+00  0.00000000e+00 ... -1.76067720e+04
1.04914109e+04 -1.34634170e+04]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  9.10879302e+03
-5.42680107e+03  6.95460795e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  3.48010887e+04
-2.06972324e+04  2.66079404e+04]]
[06-24 17:37:22][INFO]
[[-3.99856993e-02 -2.87186774e+00  1.72801694e+00 ...  2.41120693e+00
-2.92827831e+00  3.48725570e+00]
[ 0.00000000e+00  7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
8.82053525e+00 -2.38476666e+00]
[ 0.00000000e+00  0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
4.22706063e+00  2.32504320e+01]
...
[ 4.44089210e-16  0.00000000e+00  0.00000000e+00 ... -1.83829408e+02
3.09735716e+01 -4.10050044e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  9.62976231e+01
-1.58526684e+01  2.02395524e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  3.88872544e+02
-3.67251890e+01  8.26113795e+02]]
[06-24 17:37:22][INFO]
[[-3.99856993e-02 -2.87186774e+00  1.72801694e+00 ...  2.41120693e+00
-2.92827831e+00  3.48725570e+00]
[ 0.00000000e+00  7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
8.82053525e+00 -2.38476666e+00]
[ 0.00000000e+00  0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
4.22706063e+00  2.32504320e+01]

```

```

4.22706063e+00 2.32504320e+01]
...
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 1.33521372e+03
-4.47806492e+02 4.10043353e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -8.06576456e+02
2.68719968e+02 -2.47850183e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.34230654e+03
8.24102307e+02 -7.28355614e+03]]
[06-24 17:37:22][INFO]
[[-3.99856993e-02 -2.87186774e+00 1.72801694e+00 ... 2.41120693e+00
-2.92827831e+00 3.48725570e+00]
[ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
8.82053525e+00 -2.38476666e+00]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
4.22706063e+00 2.32504320e+01]
...
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 1.71025272e+02
-9.74459246e+00 6.71888462e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.02652586e+02
3.84684780e+00 -3.98096999e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.85816134e+02
5.02842088e+01 -1.58997396e+02]]
[06-24 17:37:22][INFO]
[[-3.99856993e-02 -2.87186774e+00 1.72801694e+00 ... 2.41120693e+00
-2.92827831e+00 3.48725570e+00]
[ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
8.82053525e+00 -2.38476666e+00]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
4.22706063e+00 2.32504320e+01]
...
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -4.45628272e+02
-1.89388583e+02 2.01520413e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.62865037e+02
1.10329726e+02 -1.19433916e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 7.21417873e+02
3.43712404e+02 -3.78412859e+02]]
[06-24 17:37:22][INFO]
[[-3.99856993e-02 -2.87186774e+00 1.72801694e+00 ... 2.41120693e+00
-2.92827831e+00 3.48725570e+00]
[ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
8.82053525e+00 -2.38476666e+00]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
4.22706063e+00 2.32504320e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.27210041e+06
1.39055593e+06 -1.47948702e+06]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.25865086e+05
-1.38491538e+05 1.47360974e+05]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.69068198e+06
-7.18489705e+05 7.64501945e+05]]
[06-24 17:37:22][INFO]
[[-3.99856993e-02 -2.87186774e+00 1.72801694e+00 ... 2.41120693e+00
-2.92827831e+00 3.48725570e+00]
[ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00

```



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8.82053525e+00 -2.38476666e+00]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
4.22706063e+00 2.32504320e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.86124149e+04
-1.11810612e+04 1.81936205e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.00137829e+03
1.17204865e+03 -2.30594567e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.96047737e+04
5.63598707e+03 -7.28634154e+02]]
[06-24 17:37:22][INFO]
[[-3.99856993e-02 -2.87186774e+00 1.72801694e+00 ... 2.41120693e+00
-2.92827831e+00 3.48725570e+00]
[ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
8.82053525e+00 -2.38476666e+00]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
4.22706063e+00 2.32504320e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.45591810e+04
5.54561823e+03 2.74359508e+04]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.58647567e+03
-5.72294194e+02 -2.90202218e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.22165247e+04
-2.78970883e+03 -1.36324258e+04]]
[06-24 17:37:22][INFO]
[[-3.99856993e-02 -2.87186774e+00 1.72801694e+00 ... 2.41120693e+00
-2.92827831e+00 3.48725570e+00]
[ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
8.82053525e+00 -2.38476666e+00]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
4.22706063e+00 2.32504320e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.66592282e+03
8.43350267e+02 2.29799465e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.53579129e+02
-7.25780152e+01 -1.07888254e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -8.60032413e+02
-4.57088912e+02 -1.36467960e+02]]
[06-24 17:37:22][INFO]
[[-3.99856993e-02 -2.87186774e+00 1.72801694e+00 ... 2.41120693e+00
-2.92827831e+00 3.48725570e+00]
[ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
8.82053525e+00 -2.38476666e+00]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
4.22706063e+00 2.32504320e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.89762446e+02
1.24328812e+03 1.57216140e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.19530079e+01
-1.14609360e+02 -1.51863937e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.11098687e+02
-6.55685330e+02 -8.03042200e+02]]
[06-24 17:37:22][INFO]
[[-3.99856993e-02 -2.87186774e+00 1.72801694e+00 ... 2.41120693e+00

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-2.92827831e+00  3.48725570e+00]
[ 0.00000000e+00  7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
 8.82053525e+00 -2.38476666e+00]
[ 0.00000000e+00  0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
 4.22706063e+00  2.32504320e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 4.14345223e+02
 7.36119949e+02  7.02422726e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.64852892e+01
-6.53133112e+01 -6.73265341e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.30344408e+02
-4.09744151e+02 -3.81279625e+02]]
[06-24 17:37:22][INFO]
[[-3.99856993e-02 -2.87186774e+00 1.72801694e+00 ... 2.41120693e+00
-2.92827831e+00 3.48725570e+00]
[ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
 8.82053525e+00 -2.38476666e+00]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
 4.22706063e+00 2.32504320e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.10604872e+02
-4.30307146e+02 -4.36231964e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 8.89953968e+01
 8.38296864e+01 7.82653975e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.14216396e+02
 2.18836620e+02 2.32334759e+02]]
[06-24 17:37:22][INFO]
[[-3.99856993e-02 -2.87186774e+00 1.72801694e+00 ... 2.41120693e+00
-2.92827831e+00 3.48725570e+00]
[ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
 8.82053525e+00 -2.38476666e+00]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
 4.22706063e+00 2.32504320e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.07632184e+02
 4.69052434e+02 4.84022344e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.24986789e+00
-7.97255451e+01 -8.90896957e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.68169944e+01
-2.86228898e+02 -2.84464895e+02]]
[06-24 17:37:22][INFO]
[[-3.99856993e-02 -2.87186774e+00 1.72801694e+00 ... 2.41120693e+00
-2.92827831e+00 3.48725570e+00]
[ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
 8.82053525e+00 -2.38476666e+00]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
 4.22706063e+00 2.32504320e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.43853441e+04
-7.28410235e+04 -7.34470583e+04]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.24026999e+04
-3.71866085e+04 -3.75103025e+04]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.55558035e+04
 4.65038625e+04 4.69019822e+04]]

```

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[06-24 17:37:22][INFO]
[[-3.99856993e-02 -2.87186774e+00 1.72801694e+00 ... 2.41120693e+00
-2.92827831e+00 3.48725570e+00]
[ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
8.82053525e+00 -2.38476666e+00]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
4.22706063e+00 2.32504320e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.43983713e+04
-3.08520539e+04 -3.63576688e+04]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.24093717e+04
-1.56820871e+04 -1.85150860e+04]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.55641109e+04
1.97278058e+04 2.32503516e+04]]
[06-24 17:37:22][INFO]
[[-3.99856993e-02 -2.87186774e+00 1.72801694e+00 ... 2.41120693e+00
-2.92827831e+00 3.48725570e+00]
[ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
8.82053525e+00 -2.38476666e+00]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
4.22706063e+00 2.32504320e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.42182668e+02
-1.11137574e+03 -1.29204280e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.69975569e+02
-5.60424141e+02 -6.85950587e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.16501712e+02
7.57894219e+02 8.83954335e+02]]
[06-24 17:37:22][INFO]
[[-3.99856993e-02 -2.87186774e+00 1.72801694e+00 ... 2.41120693e+00
-2.92827831e+00 3.48725570e+00]
[ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
8.82053525e+00 -2.38476666e+00]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
4.22706063e+00 2.32504320e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.17797793e+03
1.48423769e+03 1.24945855e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.99686738e+02
7.53743469e+02 6.00819901e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 8.03344036e+02
-9.83451610e+02 -8.21088770e+02]]
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[[-3.99856993e-02 -2.87186774e+00 1.72801694e+00 ... 2.41120693e+00
-2.92827831e+00 3.48725570e+00]
[ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
8.82053525e+00 -2.38476666e+00]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
4.22706063e+00 2.32504320e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.50351063e+02
-3.72240355e+02 5.19598920e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.03865744e+02
-1.63720156e+02 9.02111194e+00]

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 -2.92827831e+00 3.48725570e+00]
 [ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
 8.82053525e+00 -2.38476666e+00]
 [ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
 4.22706063e+00 2.32504320e+01]
 ...
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.14013255e+04
 -6.69822286e+03 5.64912760e+02]
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.49704652e+04
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 8.82053525e+00 -2.38476666e+00]
 [ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
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 ...
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 8.82053525e+00 -2.38476666e+00]
 [ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
 4.22706063e+00 2.32504320e+01]
 ...
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 1.02027481e+02 2.17985565e+02]
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.40254358e+02
 2.11545830e+02 4.18704164e+02]
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.10309704e+03
 1.00214028e+03 2.06379968e+03]]
[06-24 17:37:22][INFO]
[[-3.99856993e-02 -2.87186774e+00 1.72801694e+00 ... 2.41120693e+00
 -2.92827831e+00 3.48725570e+00]
 [ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
 8.82053525e+00 -2.38476666e+00]
 [ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
 4.22706063e+00 2.32504320e+01]
 ...
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 2.28860049e+02 4.24408206e+02]
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[[-3.99856993e-02 -2.87186774e+00 1.72801694e+00 ... 2.41120693e+00
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 8.82053525e+00 -2.38476666e+00]
 [ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
 4.22706063e+00 2.32504320e+01]
 ...
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 -7.94731113e+00 -4.68246311e+01]
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 -1.39572641e+01 -6.99987456e+01]
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[06-24 17:37:22][INFO]
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 [ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
 8.82053525e+00 -2.38476666e+00]
 [ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
 4.22706063e+00 2.32504320e+01]
 ...
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -8.43789267e+03
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[[-3.99856993e-02 -2.87186774e+00 1.72801694e+00 ... 2.41120693e+00
 -2.92827831e+00 3.48725570e+00]
 [ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
 8.82053525e+00 -2.38476666e+00]
 [ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
 4.22706063e+00 2.32504320e+01]
 ...
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.02616493e+02
 -1.12633720e+02 -3.74213111e+01]
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.13719291e+02
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[[-3.99856993e-02 -2.87186774e+00 1.72801694e+00 ... 2.41120693e+00
 -2.92827831e+00 3.48725570e+00]
 [ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
 8.82053525e+00 -2.38476666e+00]
 [ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
 4.22706063e+00 2.32504320e+01]
 ...
```

```

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-2.92827831e+00 3.48725570e+00]
[ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
 8.82053525e+00 -2.38476666e+00]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
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...
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[[-3.99856993e-02 -2.87186774e+00 1.72801694e+00 ... 2.41120693e+00
-2.92827831e+00 3.48725570e+00]
[ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
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[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
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 1.03500337e+03 2.65838713e+03]
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[[-3.99856993e-02 -2.87186774e+00 1.72801694e+00 ... 2.41120693e+00
-2.92827831e+00 3.48725570e+00]
[ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
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[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
 4.22706063e+00 2.32504320e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -8.77136676e+01
 9.39528262e+01 -1.51778781e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.47152961e+02
-1.40739213e+02 6.53659374e+01]
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-2.92827831e+00 3.48725570e+00]
[ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
 8.82053525e+00 -2.38476666e+00]
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```

4.22706063e+00 2.32504320e+01]
...
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-2.92827831e+00 3.48725570e+00]
[ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
8.82053525e+00 -2.38476666e+00]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
4.22706063e+00 2.32504320e+01]
...
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[ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
8.82053525e+00 -2.38476666e+00]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
4.22706063e+00 2.32504320e+01]
...
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-5.50978135e+01 4.22390768e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 8.65513319e+01
1.13644088e+02 -6.73241421e+01]]
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-2.92827831e+00 3.48725570e+00]
[ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
8.82053525e+00 -2.38476666e+00]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
4.22706063e+00 2.32504320e+01]
...
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-1.07786739e+04 3.09738711e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.12302168e+04
1.23048062e+04 -3.54058760e+03]]
[06-24 17:37:22][INFO]
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-2.92827831e+00 3.48725570e+00]
[ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00

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8.82053525e+00 -2.38476666e+00]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
4.22706063e+00 2.32504320e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.89575634e+03
-1.38267949e+03 6.49869500e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.22826601e+04
1.65072186e+04 -7.91918301e+03]
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[06-24 17:37:22][INFO]
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8.82053525e+00 -2.38476666e+00]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
4.22706063e+00 2.32504320e+01]
...
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[06-24 17:37:22][INFO]
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[ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
8.82053525e+00 -2.38476666e+00]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
4.22706063e+00 2.32504320e+01]
...
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[06-24 17:37:22][INFO]
[[-3.99856993e-02 -2.87186774e+00 1.72801694e+00 ... 2.41120693e+00
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[ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
8.82053525e+00 -2.38476666e+00]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
4.22706063e+00 2.32504320e+01]
...
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2.31216550e+01 1.05031645e+01]
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-3.55061327e+01 -1.88747491e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.75694791e+01
1.98495997e+01 3.29329249e+01]]
[06-24 17:37:22][INFO]
[[-3.99856993e-02 -2.87186774e+00 1.72801694e+00 ... 2.41120693e+00

```



```

-2.92827831e+00  3.48725570e+00]
[ 0.00000000e+00  7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
 8.82053525e+00 -2.38476666e+00]
[ 0.00000000e+00  0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
 4.22706063e+00  2.32504320e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -6.78123494e+03
-1.01161258e+04 -1.29799599e+04]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  3.19085930e+03
 4.74430941e+03  6.10505283e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -4.68635551e+03
-7.02588449e+03 -8.99410273e+03]]
[06-24 17:37:22][INFO]
[[-3.99856993e-02 -2.87186774e+00  1.72801694e+00 ...  2.41120693e+00
-2.92827831e+00  3.48725570e+00]
[ 0.00000000e+00  7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
 8.82053525e+00 -2.38476666e+00]
[ 0.00000000e+00  0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
 4.22706063e+00  2.32504320e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.27871596e+03
 2.97467732e+03 -3.87512504e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  6.04084472e+02
-1.40977387e+03  1.82480269e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -8.66889945e+02
 2.06083960e+03 -2.67416030e+03]]
[06-24 17:37:22][INFO]
[[-3.99856993e-02 -2.87186774e+00  1.72801694e+00 ...  2.41120693e+00
-2.92827831e+00  3.48725570e+00]
[ 0.00000000e+00  7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
 8.82053525e+00 -2.38476666e+00]
[ 0.00000000e+00  0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
 4.22706063e+00  2.32504320e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -4.23790395e+04
 1.02415917e+05 -1.34690646e+05]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.40248472e+04
-3.38809850e+04  4.45408673e+04]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -4.95071555e+03
 1.19415570e+04 -1.56723007e+04]]
[06-24 17:37:22][INFO]
[[-3.99856993e-02 -2.87186774e+00  1.72801694e+00 ...  2.41120693e+00
-2.92827831e+00  3.48725570e+00]
[ 0.00000000e+00  7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
 8.82053525e+00 -2.38476666e+00]
[ 0.00000000e+00  0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
 4.22706063e+00  2.32504320e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.40910538e+02
 1.41835684e+02  1.08281580e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -4.23048011e+01
-4.49845766e+01 -5.55400367e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.03180493e+01
 8.68420607e+00  5.54226475e+01]]

```

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[06-24 17:37:22][INFO]
[[-3.99856993e-02 -2.87186774e+00 1.72801694e+00 ... 2.41120693e+00
 -2.92827831e+00 3.48725570e+00]
 [ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
 8.82053525e+00 -2.38476666e+00]
 [ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
 4.22706063e+00 2.32504320e+01]
 ...
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.15615000e+02
 3.48133902e+00 -1.20104913e+02]
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.38786755e+01
 1.10225056e+00 2.05371467e+01]
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 7.11517198e+00
 -8.83398221e+00 2.65047440e+01]]]
[06-24 17:37:22][INFO]
[[-3.99856993e-02 -2.87186774e+00 1.72801694e+00 ... 2.41120693e+00
 -2.92827831e+00 3.48725570e+00]
 [ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
 8.82053525e+00 -2.38476666e+00]
 [ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
 4.22706063e+00 2.32504320e+01]
 ...
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.77446010e+02
 1.00866757e+02 1.04876303e+03]
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.15665136e+02
 -2.95409511e+01 -3.47257711e+02]
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.13858460e+01
 -5.33414611e+00 6.85115073e+01]]]
[06-24 17:37:22][INFO]
[[-3.99856993e-02 -2.87186774e+00 1.72801694e+00 ... 2.41120693e+00
 -2.92827831e+00 3.48725570e+00]
 [ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
 8.82053525e+00 -2.38476666e+00]
 [ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
 4.22706063e+00 2.32504320e+01]
 ...
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.93474663e+03
 7.52410643e+02 -7.31963423e+03]
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.17865315e+02
 -2.37443562e+02 2.32303308e+03]
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.08806989e+02
 -2.00987295e+02 1.94351291e+03]]]
[06-24 17:37:22][INFO]
[[-3.99856993e-02 -2.87186774e+00 1.72801694e+00 ... 2.41120693e+00
 -2.92827831e+00 3.48725570e+00]
 [ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
 8.82053525e+00 -2.38476666e+00]
 [ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
 4.22706063e+00 2.32504320e+01]
 ...
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 7.67653501e+01
 9.67695428e+01 -4.72277296e+02]
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.99221720e+01
 -2.99712403e+01 1.56242377e+02]]]

```

```

[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.83886546e+00
-2.38536837e+01 9.35723599e+01]]
[06-24 17:37:22][INFO]
[[-3.99856993e-02 -2.87186774e+00 1.72801694e+00 ... 2.41120693e+00
-2.92827831e+00 3.48725570e+00]
[ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
8.82053525e+00 -2.38476666e+00]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
4.22706063e+00 2.32504320e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.62921192e+02
-1.41913201e+02 4.58198739e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.07844221e+01
5.03973575e+01 -1.57064957e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.52159231e+01
1.80249808e+01 -6.96865888e+01]]
[06-24 17:37:22][INFO]
[[-3.99856993e-02 -2.87186774e+00 1.72801694e+00 ... 2.41120693e+00
-2.92827831e+00 3.48725570e+00]
[ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
8.82053525e+00 -2.38476666e+00]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
4.22706063e+00 2.32504320e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.23369566e+02
4.62237136e+00 -1.08324147e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.70244940e+01
3.34667556e-01 3.64829927e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.32948161e+02
2.05057920e+01 -2.53079068e+02]]
[06-24 17:37:22][INFO]
[[-3.99856993e-02 -2.87186774e+00 1.72801694e+00 ... 2.41120693e+00
-2.92827831e+00 3.48725570e+00]
[ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
8.82053525e+00 -2.38476666e+00]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
4.22706063e+00 2.32504320e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.10415642e+00
5.45693490e+00 -1.73461752e+01]
[ 0.00000000e+00 0.00000000e+00 3.55271368e-15 ... -4.60804107e+01
-3.67704426e+00 6.38016235e-01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.69008657e+01
2.26127243e+01 -2.33968238e+01]]
[06-24 17:37:22][INFO]
[[-3.99856993e-02 -2.87186774e+00 1.72801694e+00 ... 2.41120693e+00
-2.92827831e+00 3.48725570e+00]
[ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
8.82053525e+00 -2.38476666e+00]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
4.22706063e+00 2.32504320e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.59906418e+02
-1.21285138e+02 2.80190463e+02]

```

```
[ 0.00000000e+00 0.00000000e+00 3.55271368e-15 ... -9.78016146e+02
 4.61706777e+02 -1.09188584e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 7.22260163e+02
-3.19637408e+02 7.80061346e+02]]
[06-24 17:37:22][INFO]
[[-3.99856993e-02 -2.87186774e+00 1.72801694e+00 ... 2.41120693e+00
-2.92827831e+00 3.48725570e+00]
[ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
8.82053525e+00 -2.38476666e+00]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
4.22706063e+00 2.32504320e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.40725628e+01
1.47603681e+01 -9.25302195e+01]
[ 0.00000000e+00 0.00000000e+00 3.55271368e-15 ... -3.74039994e+02
-3.37785428e+01 2.65583675e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.83946083e+02
3.99433331e+01 -2.05073579e+02]]
[06-24 17:37:22][INFO]
[[-3.99856993e-02 -2.87186774e+00 1.72801694e+00 ... 2.41120693e+00
-2.92827831e+00 3.48725570e+00]
[ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
8.82053525e+00 -2.38476666e+00]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
4.22706063e+00 2.32504320e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.80391400e+02
9.42629328e+01 -6.13781151e+02]
[ 0.00000000e+00 0.00000000e+00 3.55271368e-15 ... -1.71588662e+03
-2.44319741e+02 1.58543039e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.73745868e+03
2.68005378e+02 -1.63475547e+03]]
[06-24 17:37:22][INFO]
[[-3.99856993e-02 -2.87186774e+00 1.72801694e+00 ... 2.41120693e+00
-2.92827831e+00 3.48725570e+00]
[ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
8.82053525e+00 -2.38476666e+00]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
4.22706063e+00 2.32504320e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.21261908e+01
1.49262513e+01 -4.21520660e+01]
[ 0.00000000e+00 0.00000000e+00 3.55271368e-15 ... -2.25897121e+01
-9.72663419e+00 5.79070756e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.31564585e+01
3.05021475e+01 -8.82832638e+01]]
[06-24 17:37:22][INFO]
[[-3.99856993e-02 -2.87186774e+00 1.72801694e+00 ... 2.41120693e+00
-2.92827831e+00 3.48725570e+00]
[ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
8.82053525e+00 -2.38476666e+00]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
4.22706063e+00 2.32504320e+01]
...
```

```

[ 0.00000000e+00 0.00000000e+00 3.55271368e-15 ... -2.25897121e+01
-9.72663419e+00 5.79070756e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.79318793e+02
-1.27786683e+02 8.07482920e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.59952340e+02
-4.83404820e+01 3.81102756e+02]]
[06-24 17:37:22][INFO]
[[-3.99856993e-02 -2.87186774e+00 1.72801694e+00 ... 2.41120693e+00
-2.92827831e+00 3.48725570e+00]
[ 0.00000000e+00 7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
8.82053525e+00 -2.38476666e+00]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
4.22706063e+00 2.32504320e+01]
...
[ 0.00000000e+00 0.00000000e+00 3.55271368e-15 ... -2.25897121e+01
-9.72663419e+00 5.79070756e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.59952340e+02
-4.83404820e+01 3.81102756e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 0.00000000e+00
-4.33715066e+01 1.41977423e+02]]
n = 77: 0.305855 segundos
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
5.09906175e-02 2.43804511e+00]
[ 0.00000000e+00 -7.62978736e+00 -2.61079178e+01 ... -3.26950017e+00
-2.23142233e+00 1.01407195e+01]
[ 0.00000000e+00 -1.90753104e+01 -1.84254732e+02 ... -3.53447606e+01
-5.46638043e-01 9.95818639e+01]
...
[ 0.00000000e+00 1.80816447e+01 1.66697494e+02 ... 2.79172244e+01
-1.00339255e+00 -8.81817121e+01]
[ 0.00000000e+00 4.37278020e+00 5.83843253e+01 ... 8.12209663e+00
2.14620857e+00 -3.42372168e+01]
[ 0.00000000e+00 -2.32455151e+00 2.57834613e+01 ... 3.85124290e+00
-3.59530434e+00 -1.16824968e+01]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
5.09906175e-02 2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00 9.22195297e+00]
[ 0.00000000e+00 0.00000000e+00 3.78019654e+02 ... 5.44076819e+01
1.09599366e+02 -4.19883418e+02]
...
[ 0.00000000e+00 0.00000000e+00 -3.66287052e+02 ... -5.71598590e+01
-1.05411702e+02 4.04223731e+02]
[ 0.00000000e+00 0.00000000e+00 -7.05101594e+01 ... -1.24525465e+01
-2.31034077e+01 8.48438076e+01]
[ 0.00000000e+00 0.00000000e+00 9.43032256e+01 ... 1.47886364e+01
9.82728515e+00 -7.49854670e+01]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
5.09906175e-02 2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00 9.22195297e+00]

```

```

[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
 5.59796333e+00  4.17630543e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  4.42757942e+00
-2.21986229e+02  3.95526803e+02]
[ 0.00000000e+00  0.00000000e+00 -1.42108547e-14 ... -5.96981082e-01
-4.55439729e+01  8.31696514e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.06749084e+00
 3.98402322e+01 -7.27463806e+01]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
 5.09906175e-02  2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00  9.22195297e+00]
[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
 5.59796333e+00  4.17630543e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.62402726e+00
 1.54614039e+03 -2.25889172e+03]
[ 0.00000000e+00  0.00000000e+00 -1.42108547e-14 ... -1.95527146e+00
 2.95035059e+02 -4.28128173e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  9.82595750e-01
-4.74200443e+02  6.98962546e+02]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
 5.09906175e-02  2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00  9.22195297e+00]
[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
 5.59796333e+00  4.17630543e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.03960470e+00
 1.14446143e+02 -9.34645249e+01]
[ 0.00000000e+00  0.00000000e+00 -1.42108547e-14 ... -1.06867597e+00
 2.28579917e+01 -1.64623253e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -5.05551572e-01
-1.73522246e+01  7.98291578e+00]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
 5.09906175e-02  2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00  9.22195297e+00]
[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
 5.59796333e+00  4.17630543e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.45851445e+00
-3.99443840e+01 -2.24369416e+01]
[ 0.00000000e+00  0.00000000e+00 -1.42108547e-14 ... -1.76807653e+00
-1.14778011e+00 -5.41843559e+00]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.60525093e+00
-2.16719589e+01 -9.91179505e+00]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
 5.09906175e-02  2.43804511e+00]

```

```

[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00 9.22195297e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
5.59796333e+00 4.17630543e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.78215814e+02
1.42260631e+02 8.37715741e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.82818411e+01
1.10064702e+01 8.85484272e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.31730968e+02
6.28015955e+01 3.88870612e+02]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
5.09906175e-02 2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00 9.22195297e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
5.59796333e+00 4.17630543e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.20645799e+02
3.10861524e+01 1.80952166e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.96448485e+01
3.25703086e-01 9.80575102e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -9.89571392e+01
1.13912859e+01 9.85426322e+00]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
5.09906175e-02 2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00 9.22195297e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
5.59796333e+00 4.17630543e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.68256280e+02
1.08644508e+02 -1.99350741e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.48349185e+01
8.78042334e+00 -1.38982680e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.21377745e+02
4.79148676e+01 -9.25448283e+01]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
5.09906175e-02 2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00 9.22195297e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
5.59796333e+00 4.17630543e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.28430928e+01
9.35827401e+01 -1.71058269e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 8.41947385e-01
7.13761389e+00 5.97945551e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.15060335e+01
4.08852602e+01 -7.48773855e+00]]
[06-24 17:37:22][INFO]

```

```
[[ -1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
  5.09906175e-02  2.43804511e+00]
[  0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
 -1.95539781e+00  9.22195297e+00]
[  1.11022302e-16  0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
  5.59796333e+00  4.17630543e-01]
...
[  0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  7.49642098e+01
 -7.70595260e+02  8.11643218e+02]
[  0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  7.11657889e+00
 -4.31595216e+01  5.42145447e+01]
[  0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  3.70365317e+01
 -3.48229539e+02  3.65674409e+02]]
[06-24 17:37:22][INFO]
[[ -1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
  5.09906175e-02  2.43804511e+00]
[  0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
 -1.95539781e+00  9.22195297e+00]
[  1.11022302e-16  0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
  5.59796333e+00  4.17630543e-01]
...
[  0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -3.45839049e+01
 -1.90274859e+01  5.96066604e+01]
[  0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.09458586e+00
 -1.84492747e+00  1.28741811e+01]
[  0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.17842387e+01
 -1.32888797e+01  3.05248334e+01]]
[06-24 17:37:22][INFO]
[[ -1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
  5.09906175e-02  2.43804511e+00]
[  0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
 -1.95539781e+00  9.22195297e+00]
[  1.11022302e-16  0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
  5.59796333e+00  4.17630543e-01]
...
[  0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.73889312e+02
  4.62685254e+01 -2.21529210e+02]
[  0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  3.20179401e+01
  7.84059340e+00 -2.88274066e+01]
[  0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  7.76509447e+01
  1.47231635e+01 -9.00826893e+01]]
[06-24 17:37:22][INFO]
[[ -1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
  5.09906175e-02  2.43804511e+00]
[  0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
 -1.95539781e+00  9.22195297e+00]
[  1.11022302e-16  0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
  5.59796333e+00  4.17630543e-01]
...
[  0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -5.67444963e+02
 -1.35270343e+02  4.45932360e+02]
[  0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  5.06642498e+02
  1.20426100e+02 -4.04417036e+02]
[  0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.54575117e+02
```



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-6.66327719e+01 2.09037608e+02]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
 5.09906175e-02 2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00 9.22195297e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
 5.59796333e+00 4.17630543e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.89495934e+02
-4.64020896e+01 8.29630269e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.21578826e+02
3.67381894e+01 -6.26060537e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.06432332e+02
-2.88742842e+01 5.48186095e+01]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
 5.09906175e-02 2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00 9.22195297e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
 5.59796333e+00 4.17630543e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.40597920e+03
7.92572499e+01 1.29647084e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.13939547e+03
-6.88621413e+01 -1.08240153e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 7.41934294e+02
3.39931082e+01 6.61936807e+02]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
 5.09906175e-02 2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00 9.22195297e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
 5.59796333e+00 4.17630543e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.17769118e+00
1.59527762e+01 -1.96812368e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.45714266e+00
-1.75767585e+01 -1.61362405e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.17174719e+01
1.28195503e+00 -1.81549713e+01]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
 5.09906175e-02 2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00 9.22195297e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
 5.59796333e+00 4.17630543e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.37141963e+02
1.01857057e+02 7.68339505e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.51419164e+02

```

```

-1.07645961e+02 -1.17330801e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.35080319e+02
 3.94999070e+01 2.47836664e+01]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
 5.09906175e-02 2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00 9.22195297e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
 5.59796333e+00 4.17630543e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.34747897e+03
 1.69297892e+03 1.49189723e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.95456110e+03
-1.53721108e+03 -1.38871368e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.18255567e+03
 8.51846297e+02 7.47243442e+02]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
 5.09906175e-02 2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00 9.22195297e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
 5.59796333e+00 4.17630543e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.34961646e+04
 1.65277201e+04 1.55157734e+04]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.10993048e+04
-1.18232588e+04 -1.11125274e+04]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.41029845e+04
 9.15822704e+03 8.59959850e+03]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
 5.09906175e-02 2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00 9.22195297e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
 5.59796333e+00 4.17630543e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.44182464e+01
 1.72392817e+01 -9.46099185e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.06570745e+01
-1.01917710e+01 5.65298048e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.12387335e+01
 4.89983577e+00 -5.47191916e+01]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
 5.09906175e-02 2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00 9.22195297e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
 5.59796333e+00 4.17630543e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -8.33472391e+03

```

```

      8.32210498e+02  1.59396139e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  4.36668508e+03
-4.40290147e+02 -8.34608144e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -4.91666885e+03
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[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
 5.09906175e-02  2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00  9.22195297e+00]
[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
 5.59796333e+00  4.17630543e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.77142297e+01
 4.94855615e+01  5.86703935e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.37382928e+01
-3.01353349e+01 -3.01020381e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  4.97871486e+00
 2.28000624e+01  3.35986062e+01]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
 5.09906175e-02  2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00  9.22195297e+00]
[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
 5.59796333e+00  4.17630543e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.79709769e+01
-1.53684829e+01 -1.07779005e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -8.70041233e+00
 1.71831948e+00  5.16510992e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  3.31797756e+01
-1.72337469e+01 -6.91490869e+01]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
 5.09906175e-02  2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00  9.22195297e+00]
[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
 5.59796333e+00  4.17630543e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.16876867e+03
 4.98600491e+02  1.22619813e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  5.95311954e+02
-2.59875381e+02 -6.27300417e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -4.75882703e+02
 2.03237795e+02  5.03072213e+02]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
 5.09906175e-02  2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00  9.22195297e+00]
[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
 5.59796333e+00  4.17630543e-01]

```

```

...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.18178363e+00
-1.40473064e+01 1.01622095e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.59790730e+01
-1.04056311e+01 -8.00480877e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.22401714e+00
-6.69674028e+00 4.25467855e+01]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
5.09906175e-02 2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00 9.22195297e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
5.59796333e+00 4.17630543e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.31389427e+02
2.98174382e+02 9.52254735e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.62633307e+02
-2.32579356e+02 -7.54963178e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.87904614e+02
1.72737023e+02 3.88706478e+01]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
5.09906175e-02 2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00 9.22195297e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
5.59796333e+00 4.17630543e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.83815213e+02
3.16624183e+01 8.95078896e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.73968565e+02
-7.24550786e+01 -7.20611099e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.05178282e+02
2.33372292e+01 3.56655164e+01]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
5.09906175e-02 2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00 9.22195297e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
5.59796333e+00 4.17630543e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.03976152e+04
-2.33849017e+03 7.15183092e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.64259798e+04
3.69888827e+03 -1.13095000e+04]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.84401471e+03
-1.77249031e+03 5.38667718e+03]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
5.09906175e-02 2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00 9.22195297e+00]

```

```

[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
 5.59796333e+00  4.17630543e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.84218451e+02
-1.02787349e+02 -4.44490423e+00]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -4.94135877e+02
 1.57515905e+02  2.61019828e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.31268668e+02
-8.23372402e+01 -2.33448472e+01]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
 5.09906175e-02  2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00  9.22195297e+00]
[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
 5.59796333e+00  4.17630543e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.49976897e+03
-6.88477894e+02  1.31916415e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -4.48092685e+03
 1.21144167e+03 -2.35567744e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.03220980e+03
-5.58423967e+02  1.05256923e+03]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
 5.09906175e-02  2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00  9.22195297e+00]
[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
 5.59796333e+00  4.17630543e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -6.63563045e+02
-1.11138738e+02  1.02902617e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.13553274e+03
 1.86382643e+02 -1.96219080e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -5.49958045e+02
-8.71529786e+01  5.97580384e+01]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
 5.09906175e-02  2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00  9.22195297e+00]
[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
 5.59796333e+00  4.17630543e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.37574611e+02
-2.95909612e+01  4.80223723e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  4.68787649e+02
 5.87463609e+01 -7.86791440e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.33142139e+02
-7.36111589e+00  4.28954539e+02]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
 5.09906175e-02  2.43804511e+00]

```

```

[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00 9.22195297e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
5.59796333e+00 4.17630543e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 7.94491089e+03
1.97690239e+03 -5.65937745e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.01478833e+04
-2.54465326e+03 7.17926304e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 7.90231350e+03
1.96307786e+03 -5.60032505e+03]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
5.09906175e-02 2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00 9.22195297e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
5.59796333e+00 4.17630543e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.68156946e+02
-2.64206526e+02 -2.04002289e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.20712227e+03
3.27344146e+02 2.54103380e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.11558867e+02
-2.82528434e+02 -1.97370731e+03]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
5.09906175e-02 2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00 9.22195297e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
5.59796333e+00 4.17630543e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.16496594e+03
4.07933408e+03 1.71024097e+04]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 7.65900420e+03
-5.07146658e+03 -2.12520834e+04]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.28302302e+03
3.48951060e+03 1.46500588e+04]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
5.09906175e-02 2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00 9.22195297e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
5.59796333e+00 4.17630543e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.17516776e+02
-2.11513722e+02 -1.15299473e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.45678459e+02
2.11640308e+02 1.22488564e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.24919254e+02
-1.00888801e+02 -6.25289180e+02]]
[06-24 17:37:22][INFO]

```

```
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
 5.09906175e-02 2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00 9.22195297e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
 5.59796333e+00 4.17630543e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.14000954e+02
-4.76113872e+02 3.55840971e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.86362985e+02
 5.02026335e+02 -3.94565572e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.40610304e+02
-2.45955823e+02 1.95773813e+03]]
[06-24 17:37:22][INFO]
[[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
 5.09906175e-02 2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00 9.22195297e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
 5.59796333e+00 4.17630543e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 7.32394810e+00
-4.50174329e+01 -2.17303023e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.88241598e+00
 3.26610100e+01 1.65231012e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -8.81603932e+00
-1.57456295e+01 -5.85335884e+01]]
[06-24 17:37:22][INFO]
[[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
 5.09906175e-02 2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00 9.22195297e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
 5.59796333e+00 4.17630543e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.19577583e+02
-4.34455649e+01 -7.60463795e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.00949292e+02
 3.10962999e+01 7.05918362e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 8.94998623e+01
-1.52507126e+01 -2.29552705e+02]]
[06-24 17:37:22][INFO]
[[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
 5.09906175e-02 2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00 9.22195297e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
 5.59796333e+00 4.17630543e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.73892272e+02
 4.36200358e+01 -2.69214992e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.58059850e+02
-5.42984114e+01 2.24097191e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.30012392e+01
```

```
1.25381600e+01 -7.27600080e+01]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
 5.09906175e-02 2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00 9.22195297e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
 5.59796333e+00 4.17630543e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.34641767e+03
-1.66331490e+03 4.61700753e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.16546617e+03
1.20071347e+03 -3.13303459e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.18725740e+03
-4.52025439e+02 1.26167813e+02]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
 5.09906175e-02 2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00 9.22195297e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
 5.59796333e+00 4.17630543e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.23511644e+01
-5.06155937e+00 3.66117950e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.24797725e+01
-8.30671117e+00 -2.43614748e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.76200130e+00
1.08689151e+00 1.00050123e+02]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
 5.09906175e-02 2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00 9.22195297e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
 5.59796333e+00 4.17630543e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.24828058e+02
-5.68357813e+01 -1.35922507e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -8.30719874e+01
2.41875805e+01 7.14735038e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.60097731e+01
-1.37570754e+01 -4.38877606e+01]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
 5.09906175e-02 2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00 9.22195297e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
 5.59796333e+00 4.17630543e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.70668568e+01
2.99752883e+01 -1.08351262e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.44323703e+00
```



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-2.38121505e+01  5.62287617e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.63519467e+01
 1.43202543e+01 -3.49703845e+01]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
 5.09906175e-02  2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00  9.22195297e+00]
[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
 5.59796333e+00  4.17630543e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 1.17853992e+04
-1.30651653e+04  2.27823129e+04]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -6.99948818e+03
 7.73629948e+03 -1.35086588e+04]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 7.28734988e+02
-8.10974406e+02  1.40766728e+03]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
 5.09906175e-02  2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00  9.22195297e+00]
[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
 5.59796333e+00  4.17630543e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 5.15291310e+02
 1.46365945e+02 -3.91959018e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -3.21875400e+02
-9.16193157e+01  2.22249137e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 3.10058024e+01
 6.94774477e+00 -2.70453291e+01]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
 5.09906175e-02  2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00  9.22195297e+00]
[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
 5.59796333e+00  4.17630543e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.15273287e+04
-2.71111681e+03  6.96719755e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 6.43472092e+03
 1.51159141e+03 -3.90665721e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.86917022e+02
-6.84892440e+01  1.67234972e+02]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
 5.09906175e-02  2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00  9.22195297e+00]
[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
 5.59796333e+00  4.17630543e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -9.79675708e+02

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-1.93312979e+02  8.19300013e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  5.19213818e+02
  9.95155155e+01 -4.58692855e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -5.75206262e+01
 -2.42123401e+01  4.91490114e+01]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
  5.09906175e-02  2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
 -1.95539781e+00  9.22195297e+00]
[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
  5.59796333e+00  4.17630543e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.03836688e+03
  1.19538310e+03  9.03670713e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -6.33188756e+02
 -6.93498936e+02 -5.06872716e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  8.65260343e+01
  7.49119469e+01  5.51713410e+01]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
  5.09906175e-02  2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
 -1.95539781e+00  9.22195297e+00]
[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
  5.59796333e+00  4.17630543e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.28891215e+02
  1.84801983e+02  1.59395364e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  4.03303296e+01
 -1.10383965e+02 -7.74187207e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  6.71666383e+01
 -1.66008426e+02 -1.14767111e+02]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
  5.09906175e-02  2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
 -1.95539781e+00  9.22195297e+00]
[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
  5.59796333e+00  4.17630543e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.71698627e+02
  8.40702560e+02  9.09805471e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  7.27675208e+01
 -6.07390712e+02 -6.46039788e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.06566383e+02
 -7.69696294e+02 -8.05441115e+02]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
  5.09906175e-02  2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
 -1.95539781e+00  9.22195297e+00]
[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
  5.59796333e+00  4.17630543e-01]

```

```

...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.69537964e+03
 1.05532063e+03 1.10034569e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.21700061e+03
-7.68561651e+02 -7.89129071e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.52650988e+03
-9.69702419e+02 -9.83008690e+02]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
 5.09906175e-02 2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00 9.22195297e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
 5.59796333e+00 4.17630543e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.29092304e+02
 3.83755785e+01 -5.74615083e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 8.95986238e+01
-3.65721559e+01 4.42519492e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.32537627e+02
-6.46365655e+01 4.74223598e+01]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
 5.09906175e-02 2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00 9.22195297e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
 5.59796333e+00 4.17630543e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.25885613e+02
 1.84137470e+02 -7.96711904e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.60829422e+02
-1.43839238e+02 5.88270913e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.20654646e+02
-1.97332755e+02 7.20408346e+02]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
 5.09906175e-02 2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00 9.22195297e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
 5.59796333e+00 4.17630543e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.93525758e+02
-1.27718072e+02 -1.08978196e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.23996331e+02
 8.72108513e+01 7.87371277e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.39170785e+02
 7.87472796e+01 1.11570214e+02]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
 5.09906175e-02 2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00 9.22195297e+00]

```

```

[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
 5.59796333e+00  4.17630543e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -3.51969856e+02
 6.84685304e+02  1.10571745e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.94072226e+02
-4.38958963e+02 -7.07985579e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.92076007e+02
-5.89865610e+02 -8.88131647e+02]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
 5.09906175e-02  2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00  9.22195297e+00]
[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
 5.59796333e+00  4.17630543e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.02950450e+02
-4.31104179e+01  2.29459151e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  9.57059549e+01
 4.14519677e+01 -1.29575933e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.67943678e+02
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[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
 5.09906175e-02  2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00  9.22195297e+00]
[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
 5.59796333e+00  4.17630543e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.01589115e+03
 2.84226298e+02 -9.12748141e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.85822144e+03
 5.14799801e+02 -1.78127378e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.51569338e+03
-7.04343581e+02  2.35669076e+03]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
 5.09906175e-02  2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00  9.22195297e+00]
[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
 5.59796333e+00  4.17630543e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  8.62414353e-02
 9.76497455e+01 -2.54014996e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -3.84037085e+01
 1.66439817e+02 -5.51342870e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.78579294e+01
-2.37160337e+02  7.07238654e+02]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
 5.09906175e-02  2.43804511e+00]

```

```

[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00 9.22195297e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
5.59796333e+00 4.17630543e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -9.62110180e+01
-6.52093501e+01 5.65616126e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.12306408e+02
-1.27666542e+02 9.52574712e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.63342690e+02
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[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
5.09906175e-02 2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00 9.22195297e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
5.59796333e+00 4.17630543e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.27651530e+03
-1.67069919e+02 -8.47146264e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.34149553e+03
-3.91369717e+02 -2.33005116e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.87669173e+03
4.68297804e+02 2.67326817e+03]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
5.09906175e-02 2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00 9.22195297e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
5.59796333e+00 4.17630543e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.97402802e+02
-1.69464112e+02 4.07880077e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.93743965e+02
-3.97763631e+02 1.02161322e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.16742811e+03
4.75676267e+02 -1.19449303e+03]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
5.09906175e-02 2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00 9.22195297e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
5.59796333e+00 4.17630543e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.97279253e+02
-4.42498387e+00 1.05838631e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.41787952e+02
5.74268715e+01 1.88559880e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.43266648e+02
-3.90610716e+01 -2.52461821e+02]]
[06-24 17:37:22][INFO]

```

```
[[ -1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
  5.09906175e-02  2.43804511e+00]
[  0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
 -1.95539781e+00  9.22195297e+00]
[  1.11022302e-16  0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
  5.59796333e+00  4.17630543e-01]
...
[  0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.91904912e+02
 -9.99181964e+01  1.11188029e+02]
[  0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  4.30363561e+02
 -1.45565783e+02  1.99931248e+02]
[  0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -5.28876031e+02
  2.16636557e+02 -2.66785648e+02]]
[06-24 17:37:22][INFO]
[[ -1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
  5.09906175e-02  2.43804511e+00]
[  0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
 -1.95539781e+00  9.22195297e+00]
[  1.11022302e-16  0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
  5.59796333e+00  4.17630543e-01]
...
[  0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -3.97978466e+01
 -4.53840188e+01  1.27791204e+00]
[  0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.28650889e+01
 -3.88926821e+01 -1.50615048e+01]
[  0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  3.22740713e+01
  8.45627759e+01 -5.99463088e-01]]
[06-24 17:37:22][INFO]
[[ -1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
  5.09906175e-02  2.43804511e+00]
[  0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
 -1.95539781e+00  9.22195297e+00]
[  1.11022302e-16  0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
  5.59796333e+00  4.17630543e-01]
...
[  0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  4.65297260e+02
 -4.38815101e+02 -2.77509661e+02]
[  0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  6.74330278e+02
 -5.81955413e+02 -3.99878941e+02]
[  0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -6.42847643e+02
  6.10431792e+02  3.72034406e+02]]
[06-24 17:37:22][INFO]
[[ -1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
  5.09906175e-02  2.43804511e+00]
[  0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
 -1.95539781e+00  9.22195297e+00]
[  1.11022302e-16  0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
  5.59796333e+00  4.17630543e-01]
...
[  0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.70430708e+01
 -3.56899751e+01  2.14846297e+02]
[  0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  5.71041317e+01
 -1.42041528e+01  2.93542771e+02]
[  0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.83348542e+01
```

```

    4.51763956e+01 -3.18338989e+02]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
  5.09906175e-02  2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
 -1.95539781e+00  9.22195297e+00]
[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
  5.59796333e+00  4.17630543e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -9.48105284e+01
 -5.27994389e+01 -1.72520679e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.17834454e+02
 -3.87672795e+01 -2.62578931e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.93232498e+02
  7.62866673e+01  3.86013411e+02]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
  5.09906175e-02  2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
 -1.95539781e+00  9.22195297e+00]
[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
  5.59796333e+00  4.17630543e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.56779532e+01
  4.44649802e+01 -2.79262281e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.87312544e+01
  8.65943311e+01 -4.00155439e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  5.11675945e+01
 -1.23588142e+02  6.05363485e+02]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
  5.09906175e-02  2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
 -1.95539781e+00  9.22195297e+00]
[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
  5.59796333e+00  4.17630543e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -7.71919992e+01
 -2.07140091e+02  3.47183480e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -9.72305716e+01
 -2.47970256e+02  1.73512485e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.55148276e+02
  3.84274642e+02 -2.84038561e+01]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
  5.09906175e-02  2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
 -1.95539781e+00  9.22195297e+00]
[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
  5.59796333e+00  4.17630543e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.21452380e+01
  2.34409904e+01  6.74077278e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -9.20712890e+00

```

```

-1.17646382e+01 -2.22387161e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.45264900e+01
 6.92452958e+00 3.48430630e+01]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
 5.09906175e-02 2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00 9.22195297e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
 5.59796333e+00 4.17630543e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.04463236e+03
-2.04269951e+03 -3.28764439e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.35870431e+02
 4.67394529e+02 7.55832269e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.30978001e+02
-8.64095898e+02 -1.37954232e+03]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
 5.09906175e-02 2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00 9.22195297e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
 5.59796333e+00 4.17630543e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.35090149e+02
 1.04388008e+03 7.36678919e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.82764347e+01
-2.49872554e+02 -1.79350042e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.74844687e+01
 4.40061714e+02 3.20835627e+02]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
 5.09906175e-02 2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00 9.22195297e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
 5.59796333e+00 4.17630543e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.91656855e+01
-3.70393030e+01 -6.07860883e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.45248825e+01
-7.49687929e+00 -5.33636424e-01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.24356416e+01
-1.96446558e+01 -1.83198632e+01]]
[06-24 17:37:22][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
 5.09906175e-02 2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00 9.22195297e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
 5.59796333e+00 4.17630543e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.47746397e+02

```



```

1.27393087e+02 -4.90816031e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.02509380e+02
1.04701184e+02 -1.99633471e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.77515334e+02
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[06-24 17:37:22][INFO]
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[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00 9.22195297e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
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...
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-2.78715697e+01 1.83540976e+01]]
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[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00 9.22195297e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
5.59796333e+00 4.17630543e-01]
...
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5.99751015e+01 6.18929781e+01]
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[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
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[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
5.59796333e+00 4.17630543e-01]
...
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[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.78096054e+02
1.64021904e+02 2.00514629e+02]
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5.09906175e-02 2.43804511e+00]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00 9.22195297e+00]
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5.59796333e+00 4.17630543e-01]

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...
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[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00 9.22195297e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
 5.59796333e+00 4.17630543e-01]
...
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...
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-2.22060540e+00 -3.29893720e+00]
[ 0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
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[ 0.00000000e+00 0.00000000e+00 6.72236021e+01 ... 5.87113822e+02
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...
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[ 0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00

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1.45653075e+00 4.58262403e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
-1.67537968e-01 5.32643060e-01]
...
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[ 0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
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...
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[ 0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
1.45653075e+00 4.58262403e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
-1.67537968e-01 5.32643060e-01]
...
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[[-6.61813604e-02 -3.90751917e+00 1.70274956e+00 ... 3.05343598e+00
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[ 0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
1.45653075e+00 4.58262403e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
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...
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[06-24 17:37:22][INFO]
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[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
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...
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[ 0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
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[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
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...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -8.96815096e+04
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[06-24 17:37:22][INFO]
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[ 0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
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...
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[06-24 17:37:22][INFO]
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[ 0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
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[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
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...
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[06-24 17:37:22][INFO]
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[ 0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
1.45653075e+00 4.58262403e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
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...
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[06-24 17:37:22][INFO]
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[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
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...
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[ 0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
1.45653075e+00 4.58262403e+00]
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[06-24 17:37:22][INFO]
[[-6.61813604e-02 -3.90751917e+00 1.70274956e+00 ... 3.05343598e+00
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[ 0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
1.45653075e+00 4.58262403e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
-1.67537968e-01 5.32643060e-01]
...
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[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 7.87565617e+02
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 ...
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 [ 0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
 1.45653075e+00 4.58262403e+00]
 [ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
 -1.67537968e-01 5.32643060e-01]
 ...
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 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.26791970e+02
 -1.20832775e+01 1.39647548e+02]
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 7.55679617e+02
 -4.47196796e+01 8.03886419e+02]]
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[[-6.61813604e-02 -3.90751917e+00 1.70274956e+00 ... 3.05343598e+00
 -2.22060540e+00 -3.29893720e+00]
 [ 0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
 1.45653075e+00 4.58262403e+00]
 [ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
 -1.67537968e-01 5.32643060e-01]
 ...
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 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.53345396e+00
 -3.86244228e+01 4.01866466e+01]
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.12093552e+01
 -1.99375277e+02 2.24326460e+02]]
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[[-6.61813604e-02 -3.90751917e+00 1.70274956e+00 ... 3.05343598e+00
 -2.22060540e+00 -3.29893720e+00]
 [ 0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
 1.45653075e+00 4.58262403e+00]
 [ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
 -1.67537968e-01 5.32643060e-01]
 ...
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 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.53082653e+00
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 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.95526051e+01
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 -2.22060540e+00 -3.29893720e+00]
 [ 0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
 1.45653075e+00 4.58262403e+00]
 [ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
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 ...
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3.09892552e+03 -4.21786815e+03]
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3.03939386e+03 -4.11514246e+03]]
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-2.22060540e+00 -3.29893720e+00]
[ 0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
1.45653075e+00 4.58262403e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
-1.67537968e-01 5.32643060e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -9.31209578e+01
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[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.52481694e+01
-2.10090464e+02 2.18585921e+02]
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[[-6.61813604e-02 -3.90751917e+00 1.70274956e+00 ... 3.05343598e+00
-2.22060540e+00 -3.29893720e+00]
[ 0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
1.45653075e+00 4.58262403e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
-1.67537968e-01 5.32643060e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.22504533e+03
3.20013910e+03 -2.76742075e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.33057525e+02
-1.63079955e+03 1.43792272e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.28131422e+03
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[[-6.61813604e-02 -3.90751917e+00 1.70274956e+00 ... 3.05343598e+00
-2.22060540e+00 -3.29893720e+00]
[ 0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
1.45653075e+00 4.58262403e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
-1.67537968e-01 5.32643060e-01]
...
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-3.05326908e+02 1.09641463e+02]
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1.34880115e+02 -1.12341766e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.49772429e+01
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[[-6.61813604e-02 -3.90751917e+00 1.70274956e+00 ... 3.05343598e+00
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[ 0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
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-1.67537968e-01  5.32643060e-01]
...
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[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.27203579e+02
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[06-24 17:37:22][INFO]
[[-6.61813604e-02 -3.90751917e+00  1.70274956e+00 ...  3.05343598e+00
-2.22060540e+00 -3.29893720e+00]
[ 0.00000000e+00  2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
 1.45653075e+00  4.58262403e+00]
[ 0.00000000e+00  0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
-1.67537968e-01  5.32643060e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -9.00325587e+02
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[06-24 17:37:22][INFO]
[[-6.61813604e-02 -3.90751917e+00  1.70274956e+00 ...  3.05343598e+00
-2.22060540e+00 -3.29893720e+00]
[ 0.00000000e+00  2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
 1.45653075e+00  4.58262403e+00]
[ 0.00000000e+00  0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
-1.67537968e-01  5.32643060e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  5.39953192e+03
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[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -8.55002405e+02
-7.49580000e+02 -9.07044375e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.77305791e+03
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[[-6.61813604e-02 -3.90751917e+00  1.70274956e+00 ...  3.05343598e+00
-2.22060540e+00 -3.29893720e+00]
[ 0.00000000e+00  2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
 1.45653075e+00  4.58262403e+00]
[ 0.00000000e+00  0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
-1.67537968e-01  5.32643060e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  3.41283392e+02
 2.44939280e+02  4.41797340e+02]
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[06-24 17:37:22][INFO]
[[-6.61813604e-02 -3.90751917e+00  1.70274956e+00 ...  3.05343598e+00
-2.22060540e+00 -3.29893720e+00]
[ 0.00000000e+00  2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00

```

```

1.45653075e+00 4.58262403e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
-1.67537968e-01 5.32643060e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.18457552e+03
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3.61331981e+02 4.06743936e+02]
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[06-24 17:37:22][INFO]
[[-6.61813604e-02 -3.90751917e+00 1.70274956e+00 ... 3.05343598e+00
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[ 0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
1.45653075e+00 4.58262403e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
-1.67537968e-01 5.32643060e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -8.33441769e+01
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[06-24 17:37:22][INFO]
[[-6.61813604e-02 -3.90751917e+00 1.70274956e+00 ... 3.05343598e+00
-2.22060540e+00 -3.29893720e+00]
[ 0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
1.45653075e+00 4.58262403e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
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...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.06996553e+03
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[06-24 17:37:22][INFO]
[[-6.61813604e-02 -3.90751917e+00 1.70274956e+00 ... 3.05343598e+00
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[ 0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
1.45653075e+00 4.58262403e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
-1.67537968e-01 5.32643060e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.35829180e+02
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[06-24 17:37:22][INFO]
[[-6.61813604e-02 -3.90751917e+00 1.70274956e+00 ... 3.05343598e+00

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-2.22060540e+00 -3.29893720e+00]
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 1.45653075e+00 4.58262403e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
-1.67537968e-01 5.32643060e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.52269829e+03
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[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.04385595e+04
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 1.35998368e+04 1.25825791e+04]]
[06-24 17:37:22][INFO]
[[-6.61813604e-02 -3.90751917e+00 1.70274956e+00 ... 3.05343598e+00
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[ 0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
 1.45653075e+00 4.58262403e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
-1.67537968e-01 5.32643060e-01]
...
[ 0.00000000e+00 0.00000000e+00 -3.55271368e-15 ... 5.73143840e+02
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[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.07820126e+02
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[06-24 17:37:22][INFO]
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[ 0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
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[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
-1.67537968e-01 5.32643060e-01]
...
[ 0.00000000e+00 0.00000000e+00 -3.55271368e-15 ... 9.13522549e+02
-1.15100963e+03 -9.88232758e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 8.13379816e+02
-1.02437824e+03 -8.89435262e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.37555463e+02
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[06-24 17:37:22][INFO]
[[-6.61813604e-02 -3.90751917e+00 1.70274956e+00 ... 3.05343598e+00
-2.22060540e+00 -3.29893720e+00]
[ 0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
 1.45653075e+00 4.58262403e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
-1.67537968e-01 5.32643060e-01]
...
[ 0.00000000e+00 0.00000000e+00 -3.55271368e-15 ... 6.53102607e+04
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[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.40854605e+04
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 2.57050280e+03 2.41756258e+03]]

```

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[06-24 17:37:22][INFO]
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[ 0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
1.45653075e+00 4.58262403e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
-1.67537968e-01 5.32643060e-01]
...
[ 0.00000000e+00 0.00000000e+00 -3.55271368e-15 ... -9.64024378e+03
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[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -8.08586149e+03
1.04001274e+04 9.25811371e+03]
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[ 0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
1.45653075e+00 4.58262403e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
-1.67537968e-01 5.32643060e-01]
...
[ 0.00000000e+00 0.00000000e+00 -3.55271368e-15 ... -1.66273023e+02
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[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.62921849e+02
1.98127483e+02 2.15119016e+02]
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[ 0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
1.45653075e+00 4.58262403e+00]
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...
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[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.11287038e+05
2.19825509e+06 -2.04876208e+06]
[ 2.22044605e-16 0.00000000e+00 0.00000000e+00 ... 2.97507720e+05
1.06989501e+06 -9.97131712e+05]]
[06-24 17:37:22][INFO]
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[ 0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
1.45653075e+00 4.58262403e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
-1.67537968e-01 5.32643060e-01]
...
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1.53898361e+02 -1.06841395e+02]
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1.21051221e+02 -8.97722081e+01]

```

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[ 2.22044605e-16  0.00000000e+00  0.00000000e+00 ...  4.49911130e+01
  4.96538159e+01 -3.02986790e+01]]
[06-24 17:37:22][INFO]
[[-6.61813604e-02 -3.90751917e+00  1.70274956e+00 ...  3.05343598e+00
  -2.22060540e+00 -3.29893720e+00]
 [ 0.00000000e+00  2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
  1.45653075e+00  4.58262403e+00]
 [ 0.00000000e+00  0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
  -1.67537968e-01  5.32643060e-01]
 ...
 [ 0.00000000e+00  0.00000000e+00 -3.55271368e-15 ...  1.36713270e+02
  -3.73825934e+01 -1.70928160e+02]
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.06180354e+02
  -4.19908113e+01 -1.44397805e+02]
 [ 2.22044605e-16  0.00000000e+00  0.00000000e+00 ...  4.25415107e+01
  -2.09353494e+01 -5.39488707e+01]]
[06-24 17:37:22][INFO]
[[-6.61813604e-02 -3.90751917e+00  1.70274956e+00 ...  3.05343598e+00
  -2.22060540e+00 -3.29893720e+00]
 [ 0.00000000e+00  2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
  1.45653075e+00  4.58262403e+00]
 [ 0.00000000e+00  0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
  -1.67537968e-01  5.32643060e-01]
 ...
 [ 0.00000000e+00  0.00000000e+00 -3.55271368e-15 ... -4.49684531e+02
  5.69460708e+01  5.99794745e+02]
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -4.43640621e+02
  4.64540600e+01  5.78250912e+02]
 [ 2.22044605e-16  0.00000000e+00  0.00000000e+00 ... -3.91323122e+02
  4.88566435e+01  5.16294416e+02]]
[06-24 17:37:22][INFO]
[[-6.61813604e-02 -3.90751917e+00  1.70274956e+00 ...  3.05343598e+00
  -2.22060540e+00 -3.29893720e+00]
 [ 0.00000000e+00  2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
  1.45653075e+00  4.58262403e+00]
 [ 0.00000000e+00  0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
  -1.67537968e-01  5.32643060e-01]
 ...
 [ 0.00000000e+00  0.00000000e+00 -3.55271368e-15 ...  1.56733098e+01
  3.68634620e+02  3.45691305e+02]
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  6.84787114e+00
  3.48183380e+02  3.32266713e+02]
 [ 2.22044605e-16  0.00000000e+00  0.00000000e+00 ... -2.54358346e+01
  2.93921554e+02  3.16505759e+02]]
[06-24 17:37:22][INFO]
[[-6.61813604e-02 -3.90751917e+00  1.70274956e+00 ...  3.05343598e+00
  -2.22060540e+00 -3.29893720e+00]
 [ 0.00000000e+00  2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
  1.45653075e+00  4.58262403e+00]
 [ 0.00000000e+00  0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
  -1.67537968e-01  5.32643060e-01]
 ...
 [ 0.00000000e+00  0.00000000e+00 -3.55271368e-15 ...  1.14709477e+02
  -2.75340371e+02 -3.86746877e+02]

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[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.08936988e+02
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[ 2.22044605e-16 0.00000000e+00 0.00000000e+00 ... 3.59514273e+01
-1.05244352e+02 -1.37493782e+02]]
[06-24 17:37:22][INFO]
[[-6.61813604e-02 -3.90751917e+00 1.70274956e+00 ... 3.05343598e+00
-2.22060540e+00 -3.29893720e+00]
[ 0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
1.45653075e+00 4.58262403e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
-1.67537968e-01 5.32643060e-01]
...
[ 0.00000000e+00 0.00000000e+00 -3.55271368e-15 ... -7.14000671e+02
2.10339410e+03 2.89947936e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.62413605e+02
1.32436492e+03 1.84292427e+03]
[ 2.22044605e-16 0.00000000e+00 0.00000000e+00 ... 1.31631975e+03
-3.78042109e+03 -5.21475750e+03]]
[06-24 17:37:22][INFO]
[[-6.61813604e-02 -3.90751917e+00 1.70274956e+00 ... 3.05343598e+00
-2.22060540e+00 -3.29893720e+00]
[ 0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
1.45653075e+00 4.58262403e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
-1.67537968e-01 5.32643060e-01]
...
[ 0.00000000e+00 0.00000000e+00 -3.55271368e-15 ... 1.24790034e+02
-1.61639190e+02 -3.28935373e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.10048159e+01
-1.70061690e+02 -2.87123393e+02]
[ 2.22044605e-16 0.00000000e+00 0.00000000e+00 ... -1.73665865e+02
2.43070105e+02 5.20036031e+02]]
[06-24 17:37:22][INFO]
[[-6.61813604e-02 -3.90751917e+00 1.70274956e+00 ... 3.05343598e+00
-2.22060540e+00 -3.29893720e+00]
[ 0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
1.45653075e+00 4.58262403e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
-1.67537968e-01 5.32643060e-01]
...
[ 0.00000000e+00 0.00000000e+00 -3.55271368e-15 ... 3.26628817e+03
-7.59946866e+03 -1.03258238e+04]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.88340981e+03
-4.41377031e+03 -5.99092205e+03]
[ 2.22044605e-16 0.00000000e+00 0.00000000e+00 ... -6.45357488e+03
1.51114196e+04 2.05039887e+04]]
[06-24 17:37:22][INFO]
[[-6.61813604e-02 -3.90751917e+00 1.70274956e+00 ... 3.05343598e+00
-2.22060540e+00 -3.29893720e+00]
[ 0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
1.45653075e+00 4.58262403e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
-1.67537968e-01 5.32643060e-01]
...

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```

[ 0.00000000e+00 0.00000000e+00 -3.55271368e-15 ... -8.24237520e+02
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 8.60489791e+02 1.11332877e+03]
[ 2.22044605e-16 0.00000000e+00 0.00000000e+00 ... 1.68818019e+03
-3.02215689e+03 -3.92132852e+03]]
[06-24 17:37:22][INFO]
[[-6.61813604e-02 -3.90751917e+00 1.70274956e+00 ... 3.05343598e+00
-2.22060540e+00 -3.29893720e+00]
[ 0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
 1.45653075e+00 4.58262403e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
-1.67537968e-01 5.32643060e-01]
...
[ 0.00000000e+00 0.00000000e+00 -3.55271368e-15 ... -2.91936384e+02
 4.48632090e+02 6.29647125e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.93467628e+02
 2.79265780e+02 3.93324326e+02]
[ 2.22044605e-16 0.00000000e+00 0.00000000e+00 ... 6.25906616e+02
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[06-24 17:37:22][INFO]
[[-6.61813604e-02 -3.90751917e+00 1.70274956e+00 ... 3.05343598e+00
-2.22060540e+00 -3.29893720e+00]
[ 0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
 1.45653075e+00 4.58262403e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
-1.67537968e-01 5.32643060e-01]
...
[ 0.00000000e+00 0.00000000e+00 -3.55271368e-15 ... 5.92395243e+01
-3.47689071e+01 -1.81603643e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.07689708e+01
-1.56353877e+01 -1.87383490e+00]
[ 2.22044605e-16 0.00000000e+00 0.00000000e+00 ... -7.17204428e+01
 5.83904202e+01 -7.92254818e+00]]
[06-24 17:37:22][INFO]
[[-6.61813604e-02 -3.90751917e+00 1.70274956e+00 ... 3.05343598e+00
-2.22060540e+00 -3.29893720e+00]
[ 0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
 1.45653075e+00 4.58262403e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
-1.67537968e-01 5.32643060e-01]
...
[ 0.00000000e+00 0.00000000e+00 -3.55271368e-15 ... -4.41308184e+02
 5.15381583e+02 3.64184684e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.97938685e+03
-2.16834644e+03 -1.49797068e+03]
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[06-24 17:37:22][INFO]
[[-6.61813604e-02 -3.90751917e+00 1.70274956e+00 ... 3.05343598e+00
-2.22060540e+00 -3.29893720e+00]
[ 0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
 1.45653075e+00 4.58262403e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00

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```

-1.67537968e-01  5.32643060e-01]
...
[ 0.00000000e+00  0.00000000e+00 -3.55271368e-15 ...  3.72007428e+01
 3.34190787e+01 -3.77378171e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -7.94013291e+01
-9.46992228e+01  2.31303838e+02]
[ 2.22044605e-16  0.00000000e+00  0.00000000e+00 ... -1.53734292e+02
-1.30759666e+02  2.86032071e+02]]
[06-24 17:37:22][INFO]
[[-6.61813604e-02 -3.90751917e+00  1.70274956e+00 ...  3.05343598e+00
-2.22060540e+00 -3.29893720e+00]
[ 0.00000000e+00  2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
 1.45653075e+00  4.58262403e+00]
[ 0.00000000e+00  0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
-1.67537968e-01  5.32643060e-01]
...
[ 0.00000000e+00  0.00000000e+00 -3.55271368e-15 ... -3.48205247e+01
 1.72512072e+01  4.41751834e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  6.91598465e+02
 7.83805631e+01 -6.45588624e+02]
[ 2.22044605e-16  0.00000000e+00  0.00000000e+00 ...  6.00807153e+02
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[06-24 17:37:22][INFO]
[[-6.61813604e-02 -3.90751917e+00  1.70274956e+00 ...  3.05343598e+00
-2.22060540e+00 -3.29893720e+00]
[ 0.00000000e+00  2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
 1.45653075e+00  4.58262403e+00]
[ 0.00000000e+00  0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
-1.67537968e-01  5.32643060e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  4.48769298e+02
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[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -8.24376216e+01
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[ 2.22044605e-16  0.00000000e+00  0.00000000e+00 ... -8.13507118e+01
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[06-24 17:37:22][INFO]
[[-6.61813604e-02 -3.90751917e+00  1.70274956e+00 ...  3.05343598e+00
-2.22060540e+00 -3.29893720e+00]
[ 0.00000000e+00  2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
 1.45653075e+00  4.58262403e+00]
[ 0.00000000e+00  0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
-1.67537968e-01  5.32643060e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -8.11250513e+01
-1.66089133e+02 -7.69681551e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.57952525e+01
 2.76525510e+01  4.00398070e+00]
[ 2.22044605e-16  0.00000000e+00  0.00000000e+00 ...  8.22265158e+00
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[06-24 17:37:22][INFO]
[[-6.61813604e-02 -3.90751917e+00  1.70274956e+00 ...  3.05343598e+00
-2.22060540e+00 -3.29893720e+00]
[ 0.00000000e+00  2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00

```



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1.45653075e+00 4.58262403e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
-1.67537968e-01 5.32643060e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.05368997e+04
2.09406306e+04 8.51053383e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.17658504e+03
-1.03137419e+04 -4.20350655e+03]
[ 2.22044605e-16 0.00000000e+00 0.00000000e+00 ... 3.40821093e+03
6.77580047e+03 2.76799049e+03]]
[06-24 17:37:22][INFO]
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-2.22060540e+00 -3.29893720e+00]
[ 0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
1.45653075e+00 4.58262403e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
-1.67537968e-01 5.32643060e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.56481317e+02
-8.52773909e+02 -3.90810426e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.10171326e+02
4.60812873e+02 1.97275410e+02]
[ 2.22044605e-16 0.00000000e+00 0.00000000e+00 ... -7.40578155e+01
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[06-24 17:37:22][INFO]
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-2.22060540e+00 -3.29893720e+00]
[ 0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
1.45653075e+00 4.58262403e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
-1.67537968e-01 5.32643060e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.04404694e+03
2.12975640e+04 7.37692423e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.00358010e+03
-1.28014257e+04 -4.45355882e+03]
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2.77800492e+03 9.56115726e+02]]
[06-24 17:37:22][INFO]
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[ 0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
1.45653075e+00 4.58262403e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
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...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.00024327e+03
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[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.71194832e+02
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[ 2.22044605e-16 0.00000000e+00 0.00000000e+00 ... 1.20826706e+02
3.46750795e+02 1.03853338e+02]]
[06-24 17:37:22][INFO]
[[-6.61813604e-02 -3.90751917e+00 1.70274956e+00 ... 3.05343598e+00

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-2.22060540e+00 -3.29893720e+00]
[ 0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
 1.45653075e+00 4.58262403e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
-1.67537968e-01 5.32643060e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.34117584e+02
 1.14252605e+02 1.96315933e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.20570875e+01
-1.05360925e+02 -1.46322493e+02]
[ 2.22044605e-16 0.00000000e+00 0.00000000e+00 ... -2.39026514e+01
-1.42587902e+00 1.30711453e+01]]
[06-24 17:37:22][INFO]
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-2.22060540e+00 -3.29893720e+00]
[ 0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
 1.45653075e+00 4.58262403e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
-1.67537968e-01 5.32643060e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.65749090e+04
-2.84851377e+04 6.35430289e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.70030660e+04
 1.81862453e+04 -4.08484954e+03]
[ 2.22044605e-16 0.00000000e+00 0.00000000e+00 ... -1.19945631e+03
-1.27295052e+03 2.86854330e+02]]
[06-24 17:37:22][INFO]
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-2.22060540e+00 -3.29893720e+00]
[ 0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
 1.45653075e+00 4.58262403e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
-1.67537968e-01 5.32643060e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.35108641e+02
 2.85990403e+02 -1.29156240e+02]
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[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.96847018e+01
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[06-24 17:37:22][INFO]
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[ 0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
 1.45653075e+00 4.58262403e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
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...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.73063761e+02
-3.32153040e+01 2.10044194e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.63342590e+02
 1.21448805e+01 -1.39557988e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.46115054e+01
 2.09393127e+01 1.41139866e+01]]

```

[06-24 17:37:22][INFO]

[[-6.61813604e-02 -3.90751917e+00 1.70274956e+00 ... 3.05343598e+00
-2.22060540e+00 -3.29893720e+00]
[0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
1.45653075e+00 4.58262403e+00]
[0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
-1.67537968e-01 5.32643060e-01]

...

[0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.81139756e+03
8.69607422e+02 -3.02536326e+03]
[0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.48470238e+03
-5.73174697e+02 1.95802692e+03]
[0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.85652017e+02
-5.81528627e+00 1.09993307e+02]]

[06-24 17:37:23][INFO]

[[-6.61813604e-02 -3.90751917e+00 1.70274956e+00 ... 3.05343598e+00
-2.22060540e+00 -3.29893720e+00]
[0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
1.45653075e+00 4.58262403e+00]
[0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
-1.67537968e-01 5.32643060e-01]

...

[0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.00092432e+04
7.82631476e+03 -3.13846712e+04]
[0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.35620338e+04
-4.62393583e+03 1.84711238e+04]
[0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.95689883e+02
6.74731635e+01 -1.88770120e+02]]

[06-24 17:37:23][INFO]

[[-6.61813604e-02 -3.90751917e+00 1.70274956e+00 ... 3.05343598e+00
-2.22060540e+00 -3.29893720e+00]
[0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
1.45653075e+00 4.58262403e+00]
[0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
-1.67537968e-01 5.32643060e-01]

...

[0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.22691366e+03
-7.08135570e+03 1.03226178e+04]
[0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.81775339e+03
4.12692297e+03 -6.01121218e+03]
[0.00000000e+00 0.00000000e+00 7.10542736e-15 ... 2.88076970e+03
6.31052021e+03 -9.27312401e+03]]

[06-24 17:37:23][INFO]

[[-6.61813604e-02 -3.90751917e+00 1.70274956e+00 ... 3.05343598e+00
-2.22060540e+00 -3.29893720e+00]
[0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
1.45653075e+00 4.58262403e+00]
[0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
-1.67537968e-01 5.32643060e-01]

...

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-7.13812158e+02 -1.42306561e+01]
[0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.21653655e+02
4.31354838e+02 -1.19555524e+01]

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[ 0.00000000e+00 0.00000000e+00 7.10542736e-15 ... -3.99104350e+02
6.44932605e+02 -7.58063831e+01]]
[06-24 17:37:23][INFO]
[[-6.61813604e-02 -3.90751917e+00 1.70274956e+00 ... 3.05343598e+00
-2.22060540e+00 -3.29893720e+00]
[ 0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
1.45653075e+00 4.58262403e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
-1.67537968e-01 5.32643060e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.43548452e+03
1.71746479e+04 7.67122123e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.84069626e+03
-1.11256839e+04 -4.97722731e+03]
[ 0.00000000e+00 0.00000000e+00 7.10542736e-15 ... 4.51186936e+03
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[06-24 17:37:23][INFO]
[[-6.61813604e-02 -3.90751917e+00 1.70274956e+00 ... 3.05343598e+00
-2.22060540e+00 -3.29893720e+00]
[ 0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
1.45653075e+00 4.58262403e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
-1.67537968e-01 5.32643060e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.91466202e+02
6.19392482e+02 2.80132397e+02]
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-3.14666644e+02 -1.50651868e+02]
[ 0.00000000e+00 0.00000000e+00 7.10542736e-15 ... 8.24544082e+02
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[06-24 17:37:23][INFO]
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-2.22060540e+00 -3.29893720e+00]
[ 0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
1.45653075e+00 4.58262403e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
-1.67537968e-01 5.32643060e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.47018415e+02
-4.93539566e+01 -1.93614527e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.73289980e+02
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[06-24 17:37:23][INFO]
[[-6.61813604e-02 -3.90751917e+00 1.70274956e+00 ... 3.05343598e+00
-2.22060540e+00 -3.29893720e+00]
[ 0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
1.45653075e+00 4.58262403e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
-1.67537968e-01 5.32643060e-01]
...
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```

```
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[06-24 17:37:23][INFO]
[[-6.61813604e-02 -3.90751917e+00 1.70274956e+00 ... 3.05343598e+00
-2.22060540e+00 -3.29893720e+00]
[ 0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
1.45653075e+00 4.58262403e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
-1.67537968e-01 5.32643060e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.78274423e+02
4.09217762e+01 4.75448085e+00]
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-2.32820495e+01 1.42487663e+00]
[ 0.00000000e+00 0.00000000e+00 7.10542736e-15 ... 9.33027752e+00
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[06-24 17:37:23][INFO]
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-2.22060540e+00 -3.29893720e+00]
[ 0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
1.45653075e+00 4.58262403e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
-1.67537968e-01 5.32643060e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.52932174e+02
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[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.94579195e+02
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[06-24 17:37:23][INFO]
[[-6.61813604e-02 -3.90751917e+00 1.70274956e+00 ... 3.05343598e+00
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[ 0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
1.45653075e+00 4.58262403e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
-1.67537968e-01 5.32643060e-01]
...
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[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 8.10798446e+01
-2.58287819e+02 -1.81047041e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.62404531e+02
6.51650651e+02 4.05669637e+02]]
[06-24 17:37:23][INFO]
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-2.22060540e+00 -3.29893720e+00]
[ 0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
1.45653075e+00 4.58262403e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
-1.67537968e-01 5.32643060e-01]
...
```

```

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[06-24 17:37:23][INFO]
[[-6.61813604e-02 -3.90751917e+00 1.70274956e+00 ... 3.05343598e+00
-2.22060540e+00 -3.29893720e+00]
[ 0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
 1.45653075e+00 4.58262403e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
-1.67537968e-01 5.32643060e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.37137294e+03
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-8.06330357e+03 -6.68706112e+03]]
[06-24 17:37:23][INFO]
[[-6.61813604e-02 -3.90751917e+00 1.70274956e+00 ... 3.05343598e+00
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[ 0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
 1.45653075e+00 4.58262403e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
-1.67537968e-01 5.32643060e-01]
...
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[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.80609645e+02
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 7.30251736e+02 7.90127941e+02]]
[06-24 17:37:23][INFO]
[[-6.61813604e-02 -3.90751917e+00 1.70274956e+00 ... 3.05343598e+00
-2.22060540e+00 -3.29893720e+00]
[ 0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
 1.45653075e+00 4.58262403e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
-1.67537968e-01 5.32643060e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.37875064e+02
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[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.28381032e+01
-1.45917679e+01 -7.72530672e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.46708985e+02
 4.33034243e+01 2.76280581e-01]]
[06-24 17:37:23][INFO]
[[-6.61813604e-02 -3.90751917e+00 1.70274956e+00 ... 3.05343598e+00
-2.22060540e+00 -3.29893720e+00]
[ 0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
 1.45653075e+00 4.58262403e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00

```

```

-1.67537968e-01  5.32643060e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  5.36099731e-01
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[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.10490633e+00
-1.53518062e+01 -2.67669852e+01]
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 4.51468187e+01  4.64599064e+01]]
[06-24 17:37:23][INFO]
[[-6.61813604e-02 -3.90751917e+00  1.70274956e+00 ...  3.05343598e+00
-2.22060540e+00 -3.29893720e+00]
[ 0.00000000e+00  2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
 1.45653075e+00  4.58262403e+00]
[ 0.00000000e+00  0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
-1.67537968e-01  5.32643060e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.00153272e+01
-4.47408961e+01 -2.41502140e+02]
[ 0.00000000e+00  7.10542736e-15  0.00000000e+00 ... -2.90408273e+01
 4.79195774e+01  7.76340557e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  7.36529732e+00
-4.24503884e+00 -3.96583720e+01]]
[06-24 17:37:23][INFO]
[[-6.61813604e-02 -3.90751917e+00  1.70274956e+00 ...  3.05343598e+00
-2.22060540e+00 -3.29893720e+00]
[ 0.00000000e+00  2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
 1.45653075e+00  4.58262403e+00]
[ 0.00000000e+00  0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
-1.67537968e-01  5.32643060e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  3.30554346e+02
 1.58209826e+02 -6.76726066e+02]
[ 0.00000000e+00  7.10542736e-15  0.00000000e+00 ... -1.43051607e+02
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[06-24 17:37:23][INFO]
[[-6.61813604e-02 -3.90751917e+00  1.70274956e+00 ...  3.05343598e+00
-2.22060540e+00 -3.29893720e+00]
[ 0.00000000e+00  2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
 1.45653075e+00  4.58262403e+00]
[ 0.00000000e+00  0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
-1.67537968e-01  5.32643060e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  6.24757613e+02
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-8.04227050e+01  4.92428464e+02]
[-2.22044605e-16  0.00000000e+00  0.00000000e+00 ...  1.71108030e+02
 3.14233930e+01 -2.68631649e+02]]
[06-24 17:37:23][INFO]
[[-6.61813604e-02 -3.90751917e+00  1.70274956e+00 ...  3.05343598e+00
-2.22060540e+00 -3.29893720e+00]
[ 0.00000000e+00  2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00

```

```

1.45653075e+00 4.58262403e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
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...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.83667381e+03
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-5.90265211e+02 3.06521634e+03]
[-2.22044605e-16 0.00000000e+00 0.00000000e+00 ... 1.88761156e+03
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[06-24 17:37:23][INFO]
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[ 0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
1.45653075e+00 4.58262403e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
-1.67537968e-01 5.32643060e-01]
...
[ 0.00000000e+00 7.10542736e-15 0.00000000e+00 ... -1.62401278e+03
-5.90265211e+02 3.06521634e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.92935458e+01
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[-2.22044605e-16 0.00000000e+00 0.00000000e+00 ... 2.35172940e+01
-2.10080302e+00 -6.26328879e-02]]
[06-24 17:37:23][INFO]
[[-6.61813604e-02 -3.90751917e+00 1.70274956e+00 ... 3.05343598e+00
-2.22060540e+00 -3.29893720e+00]
[ 0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
1.45653075e+00 4.58262403e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
-1.67537968e-01 5.32643060e-01]
...
[ 0.00000000e+00 7.10542736e-15 0.00000000e+00 ... -1.62401278e+03
-5.90265211e+02 3.06521634e+03]
[-2.22044605e-16 0.00000000e+00 0.00000000e+00 ... 2.35172940e+01
-2.10080302e+00 -6.26328879e-02]
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n = 87: 0.306108 segundos
[06-24 17:37:23][INFO]
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[ 4.44089210e-16 4.19351095e+02 6.52610813e+00 ... -1.39515476e+02
-1.57736122e+02 2.91481924e+01]
[ 0.00000000e+00 6.00289704e+02 4.91222396e+00 ... -1.95327567e+02
-2.22903247e+02 4.49443481e+01]
...
[ 0.00000000e+00 2.23926543e+02 1.85423426e-01 ... -7.88850682e+01
-8.28049913e+01 1.41710962e+01]
[ 0.00000000e+00 4.98122030e+02 -2.48052425e+00 ... -1.59661961e+02
-1.87931049e+02 4.24295540e+01]
[ 0.00000000e+00 -1.76016522e+02 3.73191893e+00 ... 6.00342142e+01
6.28913505e+01 -1.13418181e+01]]
[06-24 17:37:23][INFO]

```



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[[ 3.49157571e-02  4.28244981e+00  1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00  3.31610626e-01]
[ 0.00000000e+00  1.04034648e+01  5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00  0.00000000e+00  1.70693106e+00 ... -1.19028395e+02
-1.59918833e+02  2.91362936e+02]
...
[ 0.00000000e+00  0.00000000e+00 -1.01024952e+00 ... -5.04231279e+01
-5.93098657e+01  1.06092817e+02]
[ 0.00000000e+00  0.00000000e+00 -5.14028501e+00 ... -9.63487007e+01
-1.35666412e+02  2.46908369e+02]
[ 0.00000000e+00  0.00000000e+00  4.67177265e+00 ...  3.76618251e+01
4.44231053e+01 -8.35965020e+01]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02  4.28244981e+00  1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00  3.31610626e-01]
[ 0.00000000e+00  1.04034648e+01  5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02  2.98555475e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.24130177e+03
1.67784093e+03 -3.15224716e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  6.47612080e+03
8.70318976e+03 -1.63319623e+04]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -5.93575855e+03
-7.98881365e+03  1.49841895e+04]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02  4.28244981e+00  1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00  3.31610626e-01]
[ 0.00000000e+00  1.04034648e+01  5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02  2.98555475e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  4.24365324e+00
6.78129470e+00  8.01946079e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  5.46217269e+01
2.88132552e+01  4.47460945e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -4.32694195e+01
-2.90415305e+01 -4.12926976e+02]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02  4.28244981e+00  1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00  3.31610626e-01]
[ 0.00000000e+00  1.04034648e+01  5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02  2.98555475e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -6.68090743e+00
-2.66441162e+00 -1.79900372e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -6.52029441e+00
-2.40519899e+01 -1.02053845e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.34852806e+01

```

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2.00303037e+01 9.71567020e+01]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02 4.28244981e+00 1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00 3.31610626e-01]
[ 0.00000000e+00 1.04034648e+01 5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02 2.98555475e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.31344238e+02
1.68927749e+03 2.23056742e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.79640953e+03
1.27125592e+04 1.68246516e+04]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.59234347e+03
-1.21939000e+04 -1.61349161e+04]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02 4.28244981e+00 1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00 3.31610626e-01]
[ 0.00000000e+00 1.04034648e+01 5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02 2.98555475e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.89855957e+02
-8.05167513e+02 -1.06749440e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.87028440e+03
-5.33965292e+03 -7.04330770e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.85326693e+03
5.25965759e+03 6.94152454e+03]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02 4.28244981e+00 1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00 3.31610626e-01]
[ 0.00000000e+00 1.04034648e+01 5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02 2.98555475e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 8.98419808e+01
3.21707831e+02 3.85317639e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.23193760e+03
3.86718528e+03 4.82651044e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.02031320e+03
-3.26861259e+03 -4.05345700e+03]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02 4.28244981e+00 1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00 3.31610626e-01]
[ 0.00000000e+00 1.04034648e+01 5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02 2.98555475e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -9.87495030e+01
-1.17015130e+00 -1.67834727e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.08740619e+03

```

```

-1.03646432e+02 -1.97629147e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.45179340e+02
 9.64082151e+01 1.71147378e+03]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02 4.28244981e+00 1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00 3.31610626e-01]
[ 0.00000000e+00 1.04034648e+01 5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02 2.98555475e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.11516937e-01
2.17407735e+01 2.55328039e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.42871466e+01
1.40964516e+02 8.82177299e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.91312008e+01
-1.14042156e+02 -6.47211576e+01]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02 4.28244981e+00 1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00 3.31610626e-01]
[ 0.00000000e+00 1.04034648e+01 5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02 2.98555475e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 7.27621626e+01
-7.19000123e+01 -9.82081494e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.09761795e+02
-3.01129440e+02 -4.95984197e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.24800608e+02
2.25103365e+02 3.83440289e+02]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02 4.28244981e+00 1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00 3.31610626e-01]
[ 0.00000000e+00 1.04034648e+01 5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02 2.98555475e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.74397653e+01
-5.21081384e+01 -7.07734495e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.02795575e+02
-1.62961639e+02 -3.04461546e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.31647661e+02
1.04778108e+02 2.16650256e+02]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02 4.28244981e+00 1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00 3.31610626e-01]
[ 0.00000000e+00 1.04034648e+01 5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02 2.98555475e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.19387622e+01

```

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-3.79041782e+01  7.03853276e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.09474166e+02
-1.18329593e+02  1.39091159e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 8.72495222e+01
 7.34916023e+01 -9.42746437e+01]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02  4.28244981e+00  1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00  3.31610626e-01]
[ 0.00000000e+00  1.04034648e+01  5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02  2.98555475e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 1.75846071e+01
 1.32328853e+00 -2.84166659e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 1.19601587e+02
 3.26373564e+01 -2.41148423e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -5.70819944e+01
-2.16266652e+01  1.45299187e+02]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02  4.28244981e+00  1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00  3.31610626e-01]
[ 0.00000000e+00  1.04034648e+01  5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02  2.98555475e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.44626485e+01
-2.48972997e+00 -1.34531332e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -4.98172281e+01
 1.24797152e+01 -1.62043241e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 4.02461021e+01
-1.00464588e+01  9.98546660e+01]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02  4.28244981e+00  1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00  3.31610626e-01]
[ 0.00000000e+00  1.04034648e+01  5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02  2.98555475e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.21887805e+03
-5.03641893e+02  3.86041239e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -6.42306076e+03
-2.63940001e+03  1.95190758e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 3.64669714e+03
 1.49058259e+03 -1.09637455e+03]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02  4.28244981e+00  1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00  3.31610626e-01]
[ 0.00000000e+00  1.04034648e+01  5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02  2.98555475e+02]

```

```

...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.50880622e+02
-7.93328888e+01 -1.94170628e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.68838542e+03
-5.64017037e+02 5.42028624e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.33441786e+02
3.01262615e+02 -8.87496367e+00]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02 4.28244981e+00 1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00 3.31610626e-01]
[ 0.00000000e+00 1.04034648e+01 5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02 2.98555475e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.18028737e+02
-2.09161502e+01 7.36898286e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.72589919e+02
-1.61329588e+02 5.75558051e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.27031338e+02
7.85872127e+01 -2.97170456e+02]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02 4.28244981e+00 1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00 3.31610626e-01]
[ 0.00000000e+00 1.04034648e+01 5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02 2.98555475e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.09410838e+02
4.02303615e+01 -1.34148671e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 7.99379190e+02
2.61290034e+02 -8.60936452e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.25611755e+02
-1.50643565e+02 4.81990603e+02]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02 4.28244981e+00 1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00 3.31610626e-01]
[ 0.00000000e+00 1.04034648e+01 5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02 2.98555475e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.14776769e+03
-3.34345281e+02 1.39157224e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.50249386e+03
-4.24551756e+02 1.93263323e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.30406730e+02
2.53381386e+02 -1.16368318e+03]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02 4.28244981e+00 1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00 3.31610626e-01]
[ 0.00000000e+00 1.04034648e+01 5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]

```

```
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02  2.98555475e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.59775194e+02
-4.40730936e+01 -4.99603250e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.75849850e+02
-5.19624491e+01 -4.94853092e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.49119384e+02
 1.37285156e+01  3.97698356e+02]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02  4.28244981e+00  1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00  3.31610626e-01]
[ 0.00000000e+00  1.04034648e+01  5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02  2.98555475e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.13122849e+03
 1.08236455e+04  1.53474381e+04]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.04835413e+03
 9.70880627e+03  1.37380611e+04]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -9.30889582e+02
-8.73199148e+03 -1.23550966e+04]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02  4.28244981e+00  1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00  3.31610626e-01]
[ 0.00000000e+00  1.04034648e+01  5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02  2.98555475e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -5.05265426e+02
 6.43567786e+02  5.52479896e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -4.15917526e+02
 6.00065291e+02  5.00102950e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  3.86364924e+02
-5.37794667e+02 -4.46268082e+02]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02  4.28244981e+00  1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00  3.31610626e-01]
[ 0.00000000e+00  1.04034648e+01  5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02  2.98555475e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.81037062e+02
-1.16165864e+03 -2.70007119e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.04563497e+02
-1.13347990e+03 -2.89725067e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  8.87307693e+01
 1.11936153e+03  3.08756016e+02]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02  4.28244981e+00  1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00  3.31610626e-01]
```

```

[ 0.00000000e+00 1.04034648e+01 5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02 2.98555475e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -9.64777178e+00
1.06679568e+03 3.30692491e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.38517468e+01
1.44637387e+03 4.05697378e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.28966298e+02
-1.71120023e+03 -4.54246988e+02]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02 4.28244981e+00 1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00 3.31610626e-01]
[ 0.00000000e+00 1.04034648e+01 5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02 2.98555475e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.10897187e+03
6.44148943e+03 7.97501225e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.28456519e+03
7.00396129e+03 8.88390991e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.60716637e+03
-7.99810806e+03 -1.00028433e+03]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02 4.28244981e+00 1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00 3.31610626e-01]
[ 0.00000000e+00 1.04034648e+01 5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02 2.98555475e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.53962526e+02
-7.97919532e+02 -9.85504587e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.50623502e+02
-1.10642309e+03 -1.15464933e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.35003714e+02
1.41426046e+03 1.64723574e+02]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02 4.28244981e+00 1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00 3.31610626e-01]
[ 0.00000000e+00 1.04034648e+01 5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02 2.98555475e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.11197647e+03
4.32909905e+03 8.66866328e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.82364293e+03
7.29429970e+03 1.46638984e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.24791807e+03
-9.04650268e+03 -1.80503647e+03]]
[06-24 17:37:23][INFO]

```

```
[[ 3.49157571e-02 4.28244981e+00 1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00 3.31610626e-01]
[ 0.00000000e+00 1.04034648e+01 5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02 2.98555475e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.00784164e+02
6.47747193e+02 1.21391103e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 7.82487609e+02
1.02318166e+03 1.96485923e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -9.52379991e+02
-1.24317879e+03 -2.24860257e+02]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02 4.28244981e+00 1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00 3.31610626e-01]
[ 0.00000000e+00 1.04034648e+01 5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02 2.98555475e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.75791102e+01
-4.06375271e+02 6.60868355e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.42404419e+01
-5.28667085e+02 1.15068573e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.29455295e+02
7.63261329e+02 -1.19592885e+02]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02 4.28244981e+00 1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00 3.31610626e-01]
[ 0.00000000e+00 1.04034648e+01 5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02 2.98555475e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.45579203e+02
1.14621388e+03 9.48661456e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 8.73597647e+02
2.27855890e+03 1.27300944e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -9.54961271e+02
-2.51770159e+03 1.58508589e-02]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02 4.28244981e+00 1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00 3.31610626e-01]
[ 0.00000000e+00 1.04034648e+01 5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02 2.98555475e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.75518256e+01
2.99862392e+01 8.67295572e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.13895203e+02
9.31438580e+01 1.63960795e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.14031019e+02
```



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-9.86207557e+01 -1.67384521e+02]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02  4.28244981e+00  1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00  3.31610626e-01]
[ 0.00000000e+00  1.04034648e+01  5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02  2.98555475e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.66908289e+02
1.94794527e+01  5.83054526e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  3.75141172e+02
6.80437812e+01  1.34965110e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -5.63217852e+02
-5.54636344e+01 -2.20606276e+03]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02  4.28244981e+00  1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00  3.31610626e-01]
[ 0.00000000e+00  1.04034648e+01  5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02  2.98555475e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.99193665e+01
8.36799391e+00 -2.15261592e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  4.49066383e+01
4.30800808e+01 -8.63780023e+00]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -9.17402562e+00
-1.35813274e+01  7.27769805e+01]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02  4.28244981e+00  1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00  3.31610626e-01]
[ 0.00000000e+00  1.04034648e+01  5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02  2.98555475e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -5.87950373e+01
5.92700525e+01 -4.77415292e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  6.61530995e+01
2.93406816e+01  1.14415038e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  4.16249191e+01
-4.64313617e+01  3.66988532e+02]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02  4.28244981e+00  1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00  3.31610626e-01]
[ 0.00000000e+00  1.04034648e+01  5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02  2.98555475e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.22976909e+03
6.30782955e+02  1.75121971e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.45977499e+02

```

```

-1.81435234e+02 -9.54113239e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 8.01894177e+02
 2.90768534e+02 1.68191159e+03]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02 4.28244981e+00 1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00 3.31610626e-01]
[ 0.00000000e+00 1.04034648e+01 5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02 2.98555475e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.20771403e+04
1.08963777e+04 -4.53658775e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.84320716e+02
-5.96268811e+02 2.44549716e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.05563645e+04
9.52207786e+03 -3.97238292e+03]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02 4.28244981e+00 1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00 3.31610626e-01]
[ 0.00000000e+00 1.04034648e+01 5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02 2.98555475e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.76994445e+03
-7.89642533e+02 6.93706906e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.99688125e+01
4.03014721e+01 -4.03590982e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.55728919e+03
-7.01041615e+02 6.03163447e+02]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02 4.28244981e+00 1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00 3.31610626e-01]
[ 0.00000000e+00 1.04034648e+01 5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02 2.98555475e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.09554906e+02
1.66728461e+02 -2.64031580e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -9.82433024e+01
8.32172723e+01 -1.42251688e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.00446415e+02
1.38088083e+02 -2.37166103e+02]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02 4.28244981e+00 1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00 3.31610626e-01]
[ 0.00000000e+00 1.04034648e+01 5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02 2.98555475e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.84894910e+02

```

```

2.75898816e+02 -2.78843745e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.42739792e+02
1.58503468e+02 -1.52466471e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.78865854e+02
2.43916195e+02 -2.51524794e+02]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02 4.28244981e+00 1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00 3.31610626e-01]
[ 0.00000000e+00 1.04034648e+01 5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02 2.98555475e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.84362511e+03
-4.61105486e+03 4.18565905e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.53748427e+03
-3.07324155e+03 2.79991156e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.78267697e+03
-3.24562532e+03 2.93636461e+03]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02 4.28244981e+00 1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00 3.31610626e-01]
[ 0.00000000e+00 1.04034648e+01 5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02 2.98555475e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 7.21877361e+02
5.48046273e+02 -4.59571821e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.52963433e+02
1.25289435e+02 -8.00309916e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.68630108e+02
3.35369389e+02 -2.87946513e+02]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02 4.28244981e+00 1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00 3.31610626e-01]
[ 0.00000000e+00 1.04034648e+01 5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02 2.98555475e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.57121549e+03
-6.10511987e+03 3.81381013e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.80401875e+02
-9.22211151e+02 5.92787031e+02]
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[06-24 17:37:23][INFO]
[[ 3.49157571e-02 4.28244981e+00 1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00 3.31610626e-01]
[ 0.00000000e+00 1.04034648e+01 5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02 2.98555475e+02]

```

```

...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.02671320e+03
 4.53918054e+02 -1.36177074e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.71787456e+02
 7.62906986e+01 -1.95107036e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.59498328e+02
 2.69993678e+02 -8.61695146e+02]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02 4.28244981e+00 1.64073949e-02 ... -1.39467257e+00
 -1.59356652e+00 3.31610626e-01]
[ 0.00000000e+00 1.04034648e+01 5.55500979e-02 ... -1.32232111e+00
 -1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
 -1.59171813e+02 2.98555475e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.14547736e+03
 2.79518985e+03 -7.57515388e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.48042359e+02
 3.58747128e+02 -9.44703909e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.29539302e+03
 2.24877295e+03 -6.11307768e+03]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02 4.28244981e+00 1.64073949e-02 ... -1.39467257e+00
 -1.59356652e+00 3.31610626e-01]
[ 0.00000000e+00 1.04034648e+01 5.55500979e-02 ... -1.32232111e+00
 -1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
 -1.59171813e+02 2.98555475e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.43242293e+02
 -3.70114923e+02 6.92458840e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.05236228e+02
 -6.42318874e+01 1.60095452e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.21488314e+02
 -2.87294574e+02 5.10999839e+02]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02 4.28244981e+00 1.64073949e-02 ... -1.39467257e+00
 -1.59356652e+00 3.31610626e-01]
[ 0.00000000e+00 1.04034648e+01 5.55500979e-02 ... -1.32232111e+00
 -1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
 -1.59171813e+02 2.98555475e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.44474722e+02
 -3.25227182e+02 1.09701752e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.83242710e-01
 -5.63863789e+01 2.30804481e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.09249294e+02
 -2.48893609e+02 8.57095305e+02]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02 4.28244981e+00 1.64073949e-02 ... -1.39467257e+00
 -1.59356652e+00 3.31610626e-01]
[ 0.00000000e+00 1.04034648e+01 5.55500979e-02 ... -1.32232111e+00
 -1.09156650e+00 -4.27061649e+00]

```

```

[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02 2.98555475e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.51554851e+02
1.97468048e+03 -7.37131993e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.68610184e+01
1.33428108e+02 -4.68098851e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.34298850e+02
8.86300983e+02 -3.32272940e+03]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02 4.28244981e+00 1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00 3.31610626e-01]
[ 0.00000000e+00 1.04034648e+01 5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02 2.98555475e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.69132740e+02
-1.85773320e+02 2.08087106e+02]
[ 0.00000000e+00 -5.68434189e-14 0.00000000e+00 ... -3.58499195e+02
-1.81189947e+02 1.73547316e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.81007507e+02
-8.82426155e+01 9.62109167e+01]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02 4.28244981e+00 1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00 3.31610626e-01]
[ 0.00000000e+00 1.04034648e+01 5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02 2.98555475e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.06418524e+02
-1.58045338e+00 -2.41876012e+01]
[ 0.00000000e+00 -5.68434189e-14 0.00000000e+00 ... 1.14739166e+02
2.10707454e+00 -5.75976948e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.31339853e+01
-9.17352340e+00 -3.49842933e+00]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02 4.28244981e+00 1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00 3.31610626e-01]
[ 0.00000000e+00 1.04034648e+01 5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02 2.98555475e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.95681903e+03
-2.61770757e+02 -1.70582729e+03]
[ 0.00000000e+00 -5.68434189e-14 0.00000000e+00 ... 4.10245177e+03
-2.11806014e+02 -1.44014245e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.44225928e+02
-1.95826250e-01 5.45254542e+01]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02 4.28244981e+00 1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00 3.31610626e-01]

```

```

[ 0.00000000e+00 1.04034648e+01 5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02 2.98555475e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.91931429e+03
-2.65895003e+02 -5.57480895e+02]
[ 0.00000000e+00 -5.68434189e-14 0.00000000e+00 ... 1.35254064e+03
-2.15539773e+02 -4.00522500e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.18771685e+03
-1.59968104e+02 -3.51776365e+02]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02 4.28244981e+00 1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00 3.31610626e-01]
[ 0.00000000e+00 1.04034648e+01 5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02 2.98555475e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.44119159e+03
5.16555746e+02 -1.22627272e+03]
[ 0.00000000e+00 -5.68434189e-14 0.00000000e+00 ... -9.63032766e+02
3.23611836e+02 -8.61356856e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -9.43850081e+02
3.36339953e+02 -7.75990630e+02]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02 4.28244981e+00 1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00 3.31610626e-01]
[ 0.00000000e+00 1.04034648e+01 5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02 2.98555475e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.41741405e+02
2.94002698e+01 -1.28084837e+02]
[ 0.00000000e+00 -5.68434189e-14 0.00000000e+00 ... 4.34783783e+01
1.38530412e+01 -1.63071871e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 7.27829720e+01
2.34660903e+01 -7.06833907e+01]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02 4.28244981e+00 1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00 3.31610626e-01]
[ 0.00000000e+00 1.04034648e+01 5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02 2.98555475e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.20755572e+03
1.44943551e+02 2.81730167e+03]
[ 0.00000000e+00 -5.68434189e-14 0.00000000e+00 ... -3.66361166e+03
1.96175380e+02 4.48462162e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.20629153e+03
1.35555678e+02 2.78666284e+03]]
[06-24 17:37:23][INFO]

```

```

[[ 3.49157571e-02  4.28244981e+00  1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00  3.31610626e-01]
[ 0.00000000e+00  1.04034648e+01  5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02  2.98555475e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -5.36713312e+03
-1.34176684e+03  5.03723054e+02]
[ 0.00000000e+00 -5.68434189e-14  0.00000000e+00 ... -8.71335060e+03
-2.17993332e+03  7.86985333e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -5.32475157e+03
-1.33180732e+03  5.03192113e+02]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02  4.28244981e+00  1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00  3.31610626e-01]
[ 0.00000000e+00  1.04034648e+01  5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02  2.98555475e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.83095327e+02
-1.43628393e+02  2.57624289e+02]
[ 0.00000000e+00 -5.68434189e-14  0.00000000e+00 ...  2.78810124e+02
-2.38778363e+02  3.88270277e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.99193302e+02
-1.39342755e+02  2.58258770e+02]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02  4.28244981e+00  1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00  3.31610626e-01]
[ 0.00000000e+00  1.04034648e+01  5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02  2.98555475e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.35498648e+03
 1.37761998e+03 -2.79641059e+03]
[ 0.00000000e+00 -5.68434189e-14  0.00000000e+00 ... -4.47117127e+03
 2.60821476e+03 -5.32730943e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -8.70437744e+02
 5.01761280e+02 -1.02881185e+03]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02  4.28244981e+00  1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00  3.31610626e-01]
[ 0.00000000e+00  1.04034648e+01  5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02  2.98555475e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.37849766e+03
-1.30880689e+03  2.90949500e+03]
[ 0.00000000e+00 -5.68434189e-14  0.00000000e+00 ...  3.71218713e+03
-2.03614302e+03  4.53719399e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  8.03732598e+02

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-4.48392151e+02  9.89291016e+02]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02  4.28244981e+00  1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00  3.31610626e-01]
[ 0.00000000e+00  1.04034648e+01  5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02  2.98555475e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 1.23562036e+01
1.64810679e+02 -1.38511478e+02]
[ 0.00000000e+00 -5.68434189e-14  0.00000000e+00 ... 5.77978744e+01
2.39786938e+02 -1.70302303e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 7.18444848e+00
4.76928770e+01 -3.68031386e+01]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02  4.28244981e+00  1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00  3.31610626e-01]
[ 0.00000000e+00  1.04034648e+01  5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02  2.98555475e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 4.88963536e+02
5.12516816e+02  1.74889331e+02]
[ 0.00000000e+00 -5.68434189e-14  0.00000000e+00 ... 7.45226639e+02
7.41296638e+02  2.81727526e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 4.63577084e+01
7.62715034e+01 -1.10441321e+01]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02  4.28244981e+00  1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00  3.31610626e-01]
[ 0.00000000e+00  1.04034648e+01  5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02  2.98555475e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 1.24458639e+02
-8.71965303e+01  2.61727968e+02]
[ 0.00000000e+00 -5.68434189e-14  0.00000000e+00 ... 2.09873763e+02
-1.39509816e+02  4.09268513e+02]
[ 0.00000000e+00  0.00000000e+00  2.22044605e-16 ... 1.32998874e+02
-1.02218788e+02  2.65948622e+02]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02  4.28244981e+00  1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00  3.31610626e-01]
[ 0.00000000e+00  1.04034648e+01  5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02  2.98555475e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.85334378e+02
8.57084311e+01 -2.87115164e+02]
[ 0.00000000e+00 -5.68434189e-14  0.00000000e+00 ... 2.32978347e+03

```



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-1.32269629e+03  4.16499514e+03]
[ 0.00000000e+00  0.00000000e+00  2.22044605e-16 ...  8.09154308e+02
-4.79601824e+02  1.46385576e+03]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02  4.28244981e+00  1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00  3.31610626e-01]
[ 0.00000000e+00  1.04034648e+01  5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02  2.98555475e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  4.75811603e+01
1.83112099e+02 -1.12810168e+02]
[ 0.00000000e+00 -5.68434189e-14  0.00000000e+00 ... -1.30583078e+03
-2.84308503e+03  1.44424181e+03]
[ 0.00000000e+00  0.00000000e+00  2.22044605e-16 ... -4.82779696e+02
-1.01987969e+03  4.97022234e+02]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02  4.28244981e+00  1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00  3.31610626e-01]
[ 0.00000000e+00  1.04034648e+01  5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02  2.98555475e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.09454511e+02
-1.00367494e+02  1.47541861e+02]
[ 0.00000000e+00 -5.68434189e-14  0.00000000e+00 ... -2.40159929e+03
2.17729949e+03 -3.16655674e+03]
[ 0.00000000e+00  0.00000000e+00  2.22044605e-16 ... -8.96966193e+02
8.77761516e+02 -1.24580071e+03]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02  4.28244981e+00  1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00  3.31610626e-01]
[ 0.00000000e+00  1.04034648e+01  5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02  2.98555475e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.84034638e+01
-1.49578567e+02  1.61136578e+02]
[ 0.00000000e+00 -5.68434189e-14  0.00000000e+00 ... -9.06948020e+02
2.98512539e+03 -3.38972123e+03]
[ 0.00000000e+00  0.00000000e+00  2.22044605e-16 ... -3.56512076e+02
1.16986499e+03 -1.32649523e+03]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02  4.28244981e+00  1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00  3.31610626e-01]
[ 0.00000000e+00  1.04034648e+01  5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02  2.98555475e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.06563997e+02

```

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-7.48912939e+01  9.45242953e+01]
[ 0.00000000e+00 -5.68434189e-14  0.00000000e+00 ... -5.83672233e+02
 3.57623869e+02 -5.59191362e+02]
[ 0.00000000e+00  0.00000000e+00  2.22044605e-16 ... -2.29710070e+02
 1.39251269e+02 -2.16245474e+02]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02  4.28244981e+00  1.64073949e-02 ... -1.39467257e+00
 -1.59356652e+00  3.31610626e-01]
[ 0.00000000e+00  1.04034648e+01  5.55500979e-02 ... -1.32232111e+00
 -1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
 -1.59171813e+02  2.98555475e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.30865774e+03
 1.63899646e+03 -1.85105850e+03]
[ 0.00000000e+00 -5.68434189e-14  0.00000000e+00 ...  9.08205688e+03
 -6.50136322e+03  7.22704041e+03]
[ 0.00000000e+00  0.00000000e+00  2.22044605e-16 ...  3.83915313e+03
 -2.74809224e+03  3.06142883e+03]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02  4.28244981e+00  1.64073949e-02 ... -1.39467257e+00
 -1.59356652e+00  3.31610626e-01]
[ 0.00000000e+00  1.04034648e+01  5.55500979e-02 ... -1.32232111e+00
 -1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
 -1.59171813e+02  2.98555475e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -7.53149784e+00
 1.14140234e+00 -4.80027847e+01]
[ 0.00000000e+00 -5.68434189e-14  0.00000000e+00 ... -4.89369383e+01
 -1.89530112e+01 -9.40983592e+01]
[ 0.00000000e+00  0.00000000e+00  2.22044605e-16 ... -2.46986521e+01
 -5.00941829e+00 -3.65685682e+01]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02  4.28244981e+00  1.64073949e-02 ... -1.39467257e+00
 -1.59356652e+00  3.31610626e-01]
[ 0.00000000e+00  1.04034648e+01  5.55500979e-02 ... -1.32232111e+00
 -1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
 -1.59171813e+02  2.98555475e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  8.62291100e+01
 6.85865537e+01  1.52272537e+02]
[ 0.00000000e+00 -5.68434189e-14  0.00000000e+00 ...  5.52241057e+02
 4.13494494e+02  1.19003492e+03]
[ 0.00000000e+00  0.00000000e+00  2.22044605e-16 ...  3.38579244e+01
 3.71122921e+01  8.85099424e+01]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02  4.28244981e+00  1.64073949e-02 ... -1.39467257e+00
 -1.59356652e+00  3.31610626e-01]
[ 0.00000000e+00  1.04034648e+01  5.55500979e-02 ... -1.32232111e+00
 -1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
 -1.59171813e+02  2.98555475e+02]

```

```

...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -8.92470777e+01
 1.19738815e+00 -5.37900605e+01]
[ 0.00000000e+00 -5.68434189e-14 0.00000000e+00 ... -6.37064767e+02
-4.32417057e+01 -2.06573082e+02]
[ 0.00000000e+00 0.00000000e+00 2.22044605e-16 ... -6.62737009e+01
-1.34185240e+00 -2.90751444e+01]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02 4.28244981e+00 1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00 3.31610626e-01]
[ 0.00000000e+00 1.04034648e+01 5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02 2.98555475e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.44224034e+02
-3.38993720e+01 -6.59163978e-01]
[ 0.00000000e+00 -5.68434189e-14 0.00000000e+00 ... -9.02738053e+02
-2.12844976e+02 5.01792162e+01]
[ 0.00000000e+00 0.00000000e+00 2.22044605e-16 ... -9.62530601e+01
-2.04803870e+01 -1.02455855e-01]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02 4.28244981e+00 1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00 3.31610626e-01]
[ 0.00000000e+00 1.04034648e+01 5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02 2.98555475e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.15222149e+03
-2.48377518e+02 -1.73211939e+00]
[ 0.00000000e+00 -5.68434189e-14 0.00000000e+00 ... -2.01980607e+04
-4.31843575e+03 2.96404532e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.92796556e+03
-6.34311867e+02 3.61214957e+01]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02 4.28244981e+00 1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00 3.31610626e-01]
[ 0.00000000e+00 1.04034648e+01 5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02 2.98555475e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.85040341e+02
-2.02993460e+01 8.84407760e+01]
[ 0.00000000e+00 -5.68434189e-14 0.00000000e+00 ... 2.84316384e+03
-3.88614172e+02 1.58333315e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.84651054e+02
-5.22692593e+01 2.66237629e+02]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02 4.28244981e+00 1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00 3.31610626e-01]
[ 0.00000000e+00 1.04034648e+01 5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]

```

```

[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02 2.98555475e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.64226930e+02
-3.17390267e+01 1.57617084e+02]
[ 0.00000000e+00 -5.68434189e-14 0.00000000e+00 ... 3.27851051e+02
-1.12678642e+02 3.81129276e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 8.27517719e+01
-8.17999463e+00 7.41482497e+01]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02 4.28244981e+00 1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00 3.31610626e-01]
[ 0.00000000e+00 1.04034648e+01 5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02 2.98555475e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.72396285e+01
1.09572187e+00 -9.27796241e+00]
[ 0.00000000e+00 -5.68434189e-14 0.00000000e+00 ... -1.97675522e+02
2.32052833e+01 -3.09552241e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.78902807e+01
2.55997528e+01 -9.75501109e+01]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02 4.28244981e+00 1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00 3.31610626e-01]
[ 0.00000000e+00 1.04034648e+01 5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02 2.98555475e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.50858947e+02
2.66555531e+00 -4.22044866e+01]
[ 0.00000000e+00 -5.68434189e-14 0.00000000e+00 ... -2.57196207e+03
-4.66546429e+01 2.81982697e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.09993329e+03
-5.35508175e+00 1.64558184e+02]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02 4.28244981e+00 1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00 3.31610626e-01]
[ 0.00000000e+00 1.04034648e+01 5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02 2.98555475e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.49924539e+01
2.72197969e+01 2.21883670e+01]
[ 0.00000000e+00 -5.68434189e-14 0.00000000e+00 ... -4.03516060e+02
-2.10048389e+02 -1.46513111e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.29627934e+02
-7.84681899e+01 -2.71790220e+01]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02 4.28244981e+00 1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00 3.31610626e-01]

```

```

[ 0.00000000e+00 1.04034648e+01 5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02 2.98555475e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.96875205e+02
-3.15503931e+01 -8.62281607e+01]
[ 0.00000000e+00 -5.68434189e-14 0.00000000e+00 ... -1.65133593e+02
4.95788717e+01 6.51234780e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.56667573e+01
1.29756594e+01 4.73619344e+01]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02 4.28244981e+00 1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00 3.31610626e-01]
[ 0.00000000e+00 1.04034648e+01 5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02 2.98555475e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.04707202e+01
-1.57290941e+00 6.30784005e+01]
[ 0.00000000e+00 -5.68434189e-14 0.00000000e+00 ... 1.09012244e+01
1.78665000e+01 -9.28239070e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.10835116e+01
9.50712430e-01 -1.25297995e+01]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02 4.28244981e+00 1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00 3.31610626e-01]
[ 0.00000000e+00 1.04034648e+01 5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02 2.98555475e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.66706285e+02
9.48880286e+01 -4.28853390e+01]
[ 0.00000000e+00 -5.68434189e-14 0.00000000e+00 ... -2.52963573e+02
-8.98761505e+01 2.55329573e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.12079801e+02
-5.34232259e+01 4.72007603e+01]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02 4.28244981e+00 1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00 3.31610626e-01]
[ 0.00000000e+00 1.04034648e+01 5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02 2.98555475e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.94995698e+01
2.62466153e+01 -2.47947908e+01]
[ 0.00000000e+00 -5.68434189e-14 0.00000000e+00 ... -2.62081331e+00
-1.74335097e+01 6.44058983e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 8.75305260e+00
-1.84573615e+01 3.79854539e+01]]
[06-24 17:37:23][INFO]

```

```
[[ 3.49157571e-02  4.28244981e+00  1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00  3.31610626e-01]
[ 0.00000000e+00  1.04034648e+01  5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02  2.98555475e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.03988516e+02
1.87939902e+02 -1.13897572e+02]
[ 0.00000000e+00 -5.68434189e-14  0.00000000e+00 ... -1.12418978e+02
-1.19179932e+02  6.25090229e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.99878453e+02
-2.11789458e+02  1.44523133e+02]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02  4.28244981e+00  1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00  3.31610626e-01]
[ 0.00000000e+00  1.04034648e+01  5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02  2.98555475e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.73043353e+01
1.25112286e+00 -3.55026966e+02]
[ 0.00000000e+00 -5.68434189e-14  0.00000000e+00 ... -1.50712742e+01
-1.63199941e+01  1.95364113e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  4.54452015e+01
4.74254491e+01  4.79328117e+02]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02  4.28244981e+00  1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00  3.31610626e-01]
[ 0.00000000e+00  1.04034648e+01  5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02  2.98555475e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -4.93033107e+00
-3.36543242e+01  6.28207175e+01]
[ 0.00000000e+00 -2.84217094e-14  0.00000000e+00 ...  1.62622726e+02
1.89449721e+02 -5.44089871e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.09317975e+02
1.16590356e+02 -3.48634243e+02]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02  4.28244981e+00  1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00  3.31610626e-01]
[ 0.00000000e+00  1.04034648e+01  5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02  2.98555475e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.11807118e+02
1.54786714e+01 -1.83073498e+02]
[ 0.00000000e+00 -2.84217094e-14  0.00000000e+00 ...  1.35515350e+02
4.41541124e+00 -1.98696274e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  9.40093672e+01
```

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1.20941588e+01 -1.53576810e+02]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02  4.28244981e+00  1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00  3.31610626e-01]
[ 0.00000000e+00  1.04034648e+01  5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02  2.98555475e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.15240848e+02
-2.05056789e+01  2.78530398e+02]
[ 0.00000000e+00 -2.84217094e-14  0.00000000e+00 ... -1.41084242e+02
-3.94222712e+01  3.63649433e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.58273875e+02
-2.78896769e+01  3.59332111e+02]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02  4.28244981e+00  1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00  3.31610626e-01]
[ 0.00000000e+00  1.04034648e+01  5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02  2.98555475e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.45352112e+01
8.75615331e+00  7.23410625e+00]
[ 0.00000000e+00 -2.84217094e-14  0.00000000e+00 ...  1.01535236e+01
-5.32126568e+00  4.74875383e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.12719983e+01
1.25942247e+01 -1.60077607e+01]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02  4.28244981e+00  1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00  3.31610626e-01]
[ 0.00000000e+00  1.04034648e+01  5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02  2.98555475e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -3.87905276e+02
-2.38649185e+02 -2.89201477e+02]
[ 0.00000000e+00 -2.84217094e-14  0.00000000e+00 ...  1.67842947e+02
8.96723846e+01  1.25968823e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.61979004e+02
-9.77979708e+01 -1.07210923e+02]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02  4.28244981e+00  1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00  3.31610626e-01]
[ 0.00000000e+00  1.04034648e+01  5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02  2.98555475e+02]
...
[ 0.00000000e+00 -2.84217094e-14  0.00000000e+00 ...  1.67842947e+02
8.96723846e+01  1.25968823e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.27879558e+02

```

```

    3.69158997e+01  9.79033105e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 6.64347674e+01
 2.42352034e+01  6.42172749e+01]]
[06-24 17:37:23][INFO]
[[ 3.49157571e-02  4.28244981e+00  1.64073949e-02 ... -1.39467257e+00
 -1.59356652e+00  3.31610626e-01]
 [ 0.00000000e+00  1.04034648e+01  5.55500979e-02 ... -1.32232111e+00
 -1.09156650e+00 -4.27061649e+00]
 [ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
 -1.59171813e+02  2.98555475e+02]
 ...
 [ 0.00000000e+00 -2.84217094e-14  0.00000000e+00 ... 1.67842947e+02
 8.96723846e+01  1.25968823e+02]
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 6.64347674e+01
 2.42352034e+01  6.42172749e+01]
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 0.00000000e+00
 -9.73417862e+00 -2.57078206e+01]]
n = 92: 0.253036 segundos
[06-24 17:37:23][INFO]
[[ -5.79512533e-02  2.22803752e+00 -1.13573439e+00 ... 3.02927851e+00
 3.74291349e+00  4.97817558e+00]
 [ 0.00000000e+00  1.32691744e+02 -6.76360059e+01 ... 1.88746905e+02
 2.25675052e+02  2.99978621e+02]
 [ 0.00000000e+00 -9.48846698e+01  5.19733727e+01 ... -1.36036593e+02
 -1.64759473e+02 -2.19852254e+02]
 ...
 [ 0.00000000e+00  1.29069665e+02 -6.29279273e+01 ... 1.76791545e+02
 2.14479792e+02  2.83990333e+02]
 [ 0.00000000e+00  1.27832171e+02 -6.98792443e+01 ... 1.74145929e+02
 2.10999491e+02  2.88571577e+02]
 [ 0.00000000e+00  9.68393024e+01 -5.04637916e+01 ... 1.26379227e+02
 1.64584591e+02  2.15963098e+02]]
[06-24 17:37:23][INFO]
[[ -5.79512533e-02  2.22803752e+00 -1.13573439e+00 ... 3.02927851e+00
 3.74291349e+00  4.97817558e+00]
 [ 0.00000000e+00  2.72679342e-01  1.93638735e+00 ... 4.29596522e+00
 5.65098775e+00  1.14929337e+01]
 [ 0.00000000e+00  0.00000000e+00  7.25781197e+02 ... 1.35883735e+03
 1.80162384e+03  3.77936241e+03]
 ...
 [ 0.00000000e+00  0.00000000e+00 -9.79494855e+02 ... -1.85665473e+03
 -2.46035099e+03 -5.15605914e+03]
 [ 0.00000000e+00  0.00000000e+00 -9.77658312e+02 ... -1.83980407e+03
 -2.43818555e+03 -5.09931979e+03]
 [ 0.00000000e+00  0.00000000e+00 -7.38152117e+02 ... -1.39928925e+03
 -1.84230639e+03 -3.86563574e+03]]
[06-24 17:37:23][INFO]
[[ -5.79512533e-02  2.22803752e+00 -1.13573439e+00 ... 3.02927851e+00
 3.74291349e+00  4.97817558e+00]
 [ 0.00000000e+00  2.72679342e-01  1.93638735e+00 ... 4.29596522e+00
 5.65098775e+00  1.14929337e+01]
 [ 0.00000000e+00  0.00000000e+00  3.87485492e+01 ... 6.90747879e+01
 8.16515430e+01  1.82871312e+02]
 ...

```



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[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.10566151e+02
-3.96344259e+02 -5.33395505e+02]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... -9.69893893e+01
-3.78048810e+02 -4.85323603e+02]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... -8.34283439e+01
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[06-24 17:37:23][INFO]
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3.74291349e+00 4.97817558e+00]
[ 0.00000000e+00 2.72679342e-01 1.93638735e+00 ... 4.29596522e+00
5.65098775e+00 1.14929337e+01]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... 6.90747879e+01
8.16515430e+01 1.82871312e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.52591586e+00
3.28748225e+02 4.12582624e+02]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... 5.87166682e+00
2.69986985e+02 3.60123980e+02]
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[[-5.79512533e-02 2.22803752e+00 -1.13573439e+00 ... 3.02927851e+00
3.74291349e+00 4.97817558e+00]
[ 0.00000000e+00 2.72679342e-01 1.93638735e+00 ... 4.29596522e+00
5.65098775e+00 1.14929337e+01]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... 6.90747879e+01
8.16515430e+01 1.82871312e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.77093723e+01
-1.04937184e+03 -1.21487774e+03]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... -1.38667309e+01
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[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... -1.76075334e+01
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[ 0.00000000e+00 2.72679342e-01 1.93638735e+00 ... 4.29596522e+00
5.65098775e+00 1.14929337e+01]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... 6.90747879e+01
8.16515430e+01 1.82871312e+02]
...
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6.11043064e+01 -2.14258424e+01]
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[[-5.79512533e-02 2.22803752e+00 -1.13573439e+00 ... 3.02927851e+00
3.74291349e+00 4.97817558e+00]
[ 0.00000000e+00 2.72679342e-01 1.93638735e+00 ... 4.29596522e+00
5.65098775e+00 1.14929337e+01]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... 6.90747879e+01
8.16515430e+01 1.82871312e+02]

```

```

8.16515430e+01 1.82871312e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.36928053e+02
 1.29760731e+01 1.19770703e+02]
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[06-24 17:37:23][INFO]
[[-5.79512533e-02 2.22803752e+00 -1.13573439e+00 ... 3.02927851e+00
 3.74291349e+00 4.97817558e+00]
[ 0.00000000e+00 2.72679342e-01 1.93638735e+00 ... 4.29596522e+00
 5.65098775e+00 1.14929337e+01]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... 6.90747879e+01
 8.16515430e+01 1.82871312e+02]
...
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[06-24 17:37:23][INFO]
[[-5.79512533e-02 2.22803752e+00 -1.13573439e+00 ... 3.02927851e+00
 3.74291349e+00 4.97817558e+00]
[ 0.00000000e+00 2.72679342e-01 1.93638735e+00 ... 4.29596522e+00
 5.65098775e+00 1.14929337e+01]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... 6.90747879e+01
 8.16515430e+01 1.82871312e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.02303604e+03
-1.50607086e+02 -1.79234619e+03]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... -2.12374380e+03
-1.67329426e+02 -1.88451526e+03]
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-1.06295749e+02 -1.27971283e+03]]
[06-24 17:37:23][INFO]
[[-5.79512533e-02 2.22803752e+00 -1.13573439e+00 ... 3.02927851e+00
 3.74291349e+00 4.97817558e+00]
[ 0.00000000e+00 2.72679342e-01 1.93638735e+00 ... 4.29596522e+00
 5.65098775e+00 1.14929337e+01]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... 6.90747879e+01
 8.16515430e+01 1.82871312e+02]
...
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[06-24 17:37:23][INFO]
[[-5.79512533e-02 2.22803752e+00 -1.13573439e+00 ... 3.02927851e+00
 3.74291349e+00 4.97817558e+00]
[ 0.00000000e+00 2.72679342e-01 1.93638735e+00 ... 4.29596522e+00

```

```

5.65098775e+00 1.14929337e+01]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... 6.90747879e+01
8.16515430e+01 1.82871312e+02]
...
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[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... -6.81511813e+03
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[06-24 17:37:23][INFO]
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3.74291349e+00 4.97817558e+00]
[ 0.00000000e+00 2.72679342e-01 1.93638735e+00 ... 4.29596522e+00
5.65098775e+00 1.14929337e+01]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... 6.90747879e+01
8.16515430e+01 1.82871312e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.91516508e+02
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3.55928817e+01 2.25679337e+00]]
[06-24 17:37:23][INFO]
[[-5.79512533e-02 2.22803752e+00 -1.13573439e+00 ... 3.02927851e+00
3.74291349e+00 4.97817558e+00]
[ 0.00000000e+00 2.72679342e-01 1.93638735e+00 ... 4.29596522e+00
5.65098775e+00 1.14929337e+01]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... 6.90747879e+01
8.16515430e+01 1.82871312e+02]
...
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[06-24 17:37:23][INFO]
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3.74291349e+00 4.97817558e+00]
[ 0.00000000e+00 2.72679342e-01 1.93638735e+00 ... 4.29596522e+00
5.65098775e+00 1.14929337e+01]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... 6.90747879e+01
8.16515430e+01 1.82871312e+02]
...
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[06-24 17:37:23][INFO]
[[-5.79512533e-02 2.22803752e+00 -1.13573439e+00 ... 3.02927851e+00

```

```

3.74291349e+00 4.97817558e+00]
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5.65098775e+00 1.14929337e+01]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... 6.90747879e+01
8.16515430e+01 1.82871312e+02]
...
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[06-24 17:37:23][INFO]
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3.74291349e+00 4.97817558e+00]
[ 0.00000000e+00 2.72679342e-01 1.93638735e+00 ... 4.29596522e+00
5.65098775e+00 1.14929337e+01]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... 6.90747879e+01
8.16515430e+01 1.82871312e+02]
...
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[06-24 17:37:23][INFO]
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3.74291349e+00 4.97817558e+00]
[ 0.00000000e+00 2.72679342e-01 1.93638735e+00 ... 4.29596522e+00
5.65098775e+00 1.14929337e+01]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... 6.90747879e+01
8.16515430e+01 1.82871312e+02]
...
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[06-24 17:37:23][INFO]
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3.74291349e+00 4.97817558e+00]
[ 0.00000000e+00 2.72679342e-01 1.93638735e+00 ... 4.29596522e+00
5.65098775e+00 1.14929337e+01]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... 6.90747879e+01
8.16515430e+01 1.82871312e+02]
...
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6.75828239e+02 3.73375157e+02]
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-3.43905093e+02 -1.80997301e+02]]

```

```

[06-24 17:37:23][INFO]
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  3.74291349e+00  4.97817558e+00]
[ 0.00000000e+00  2.72679342e-01  1.93638735e+00 ...  4.29596522e+00
  5.65098775e+00  1.14929337e+01]
[ 0.00000000e+00  0.00000000e+00  3.87485492e+01 ...  6.90747879e+01
  8.16515430e+01  1.82871312e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  3.06185742e+02
 -1.84907475e+02 -3.34490140e+01]
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[06-24 17:37:23][INFO]
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  3.74291349e+00  4.97817558e+00]
[ 0.00000000e+00  2.72679342e-01  1.93638735e+00 ...  4.29596522e+00
  5.65098775e+00  1.14929337e+01]
[ 0.00000000e+00  0.00000000e+00  3.87485492e+01 ...  6.90747879e+01
  8.16515430e+01  1.82871312e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.87055078e+02
  8.94593144e+01  5.63561455e+01]
[ 0.00000000e+00  0.00000000e+00 -1.13686838e-13 ... -3.78029048e+02
  1.29998175e+02  1.13422039e+02]
[ 0.00000000e+00  0.00000000e+00 -1.13686838e-13 ...  2.05563701e+02
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[06-24 17:37:23][INFO]
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  5.65098775e+00  1.14929337e+01]
[ 0.00000000e+00  0.00000000e+00  3.87485492e+01 ...  6.90747879e+01
  8.16515430e+01  1.82871312e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.97805303e+01
  1.11042395e+02  2.96393329e+01]
[ 0.00000000e+00  0.00000000e+00 -1.13686838e-13 ...  4.13147264e+01
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[06-24 17:37:23][INFO]
[[-5.79512533e-02  2.22803752e+00 -1.13573439e+00 ...  3.02927851e+00
  3.74291349e+00  4.97817558e+00]
[ 0.00000000e+00  2.72679342e-01  1.93638735e+00 ...  4.29596522e+00
  5.65098775e+00  1.14929337e+01]
[ 0.00000000e+00  0.00000000e+00  3.87485492e+01 ...  6.90747879e+01
  8.16515430e+01  1.82871312e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.26982968e+04
  3.24604030e+04  4.83113664e+03]
[ 0.00000000e+00  0.00000000e+00 -1.13686838e-13 ...  5.35116570e+03
  1.37218940e+04  2.07015623e+03]

```

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[06-24 17:37:23][INFO]
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 5.65098775e+00 1.14929337e+01]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... 6.90747879e+01
 8.16515430e+01 1.82871312e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -8.44317082e+01
 8.61054718e+02 5.28309766e+02]
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...
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...
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[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... 6.90747879e+01
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...
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...
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...
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...
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8.16515430e+01 1.82871312e+02]
...
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...
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...
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...
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...
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...

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[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.58835675e+01
3.81827127e+01 -9.05300238e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.25464821e-01
-5.77938833e+01 1.25572332e+02]]
[06-24 17:37:23][INFO]
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[ 0.00000000e+00 2.72679342e-01 1.93638735e+00 ... 4.29596522e+00
5.65098775e+00 1.14929337e+01]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... 6.90747879e+01
8.16515430e+01 1.82871312e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.92592780e+01
-2.61662279e+01 7.63162982e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.21861612e+01
8.68675225e+00 -6.54652227e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.96541653e+01
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[06-24 17:37:23][INFO]
[[-5.79512533e-02 2.22803752e+00 -1.13573439e+00 ... 3.02927851e+00
3.74291349e+00 4.97817558e+00]
[ 0.00000000e+00 2.72679342e-01 1.93638735e+00 ... 4.29596522e+00
5.65098775e+00 1.14929337e+01]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... 6.90747879e+01
8.16515430e+01 1.82871312e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.92592780e+01
-2.61662279e+01 7.63162982e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.05455161e+02
-1.14404262e+02 2.93541456e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.08084905e+02
-1.07942328e+02 3.11682143e+02]]
[06-24 17:37:23][INFO]
[[-5.79512533e-02 2.22803752e+00 -1.13573439e+00 ... 3.02927851e+00

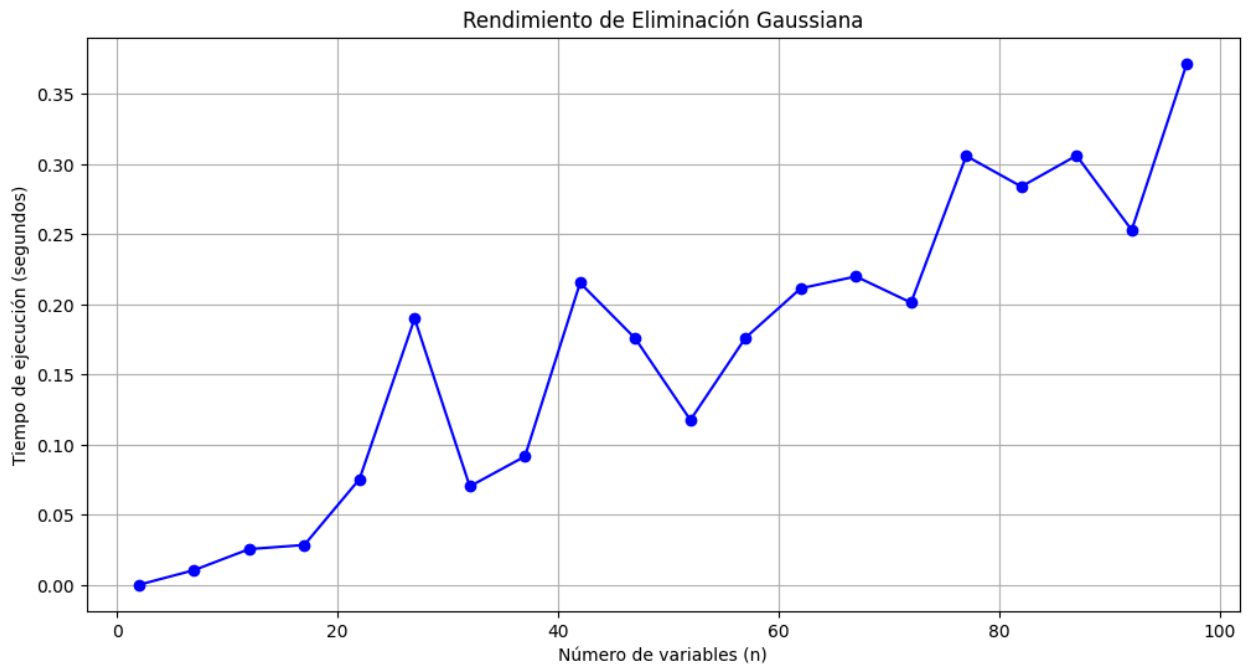
```



```

3.74291349e+00 4.97817558e+00]
[ 0.00000000e+00 2.72679342e-01 1.93638735e+00 ... 4.29596522e+00
5.65098775e+00 1.14929337e+01]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... 6.90747879e+01
8.16515430e+01 1.82871312e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.92592780e+01
-2.61662279e+01 7.63162982e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.05455161e+02
-1.14404262e+02 2.93541456e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.42108547e-14
9.31484229e+00 1.08206206e+01]]
n = 97: 0.371814 segundos

```



```

In [7]: %autoreload 1
from src import gauss_jordan

# Configuración del experimento
np.random.seed(42) # Para reproducibilidad
min_var = 2
max_var = 100
step = 5
sizes = range(min_var, max_var + 1, step)
tiempos = []

for n in sizes:
    # Generar matriz aleatoria bien condicionada
    Ab = np.random.rand(n, n + 1) * 10 - 5 # Valores entre -5 y 5

    # Medir tiempo
    start_time = time.time()
    try:
        sol = gauss_jordan(Ab.copy())

```

```
elapsed = time.time() - start_time
tiempos.append(elapsed)
print(f"n = {n}: {elapsed:.6f} segundos")
except ValueError as e:
    print(f"Error con n={n}: {str(e)}")
    tiempos.append(np.nan)

# Filtrar valores no válidos
valid_sizes = [s for s, t in zip(sizes, tiempos) if not np.isnan(t)]
valid_times = [t for t in tiempos if not np.isnan(t)]

# Gráfico de tiempo vs tamaño
plt.figure(figsize=(12, 6))
plt.plot(valid_sizes, valid_times, 'go-', label='Gauss-Jordan')
plt.xlabel('Número de variables (n)')
plt.ylabel('Tiempo de ejecución (segundos)')
plt.title('Rendimiento de Gauss-Jordan vs Tamaño del Sistema')
plt.grid(True)
```

```

[06-24 17:40:24][INFO]
[[ 0.98658484 -3.4398136 -3.4400548 ]
 [ 0.          0.13287552 -2.05463485]]
[06-24 17:40:24][INFO]
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 [ 0.00000000e+00  1.32875525e-01 -2.05463485e+00]]
n = 2: 0.004257 segundos
[06-24 17:40:24][INFO]
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 [ 0.          10.54496212 -15.33157553 -9.63299581 -15.46066765
 -7.76447466 -2.49946029 -11.03622024]
 [ 0.          7.62059865 -9.17618005 -3.60294954 -12.65872307
 -3.56613706 -1.43939119 -9.39007582]
 [ 0.          -7.92912158  0.17099831  7.8285372  9.6520787
 5.00275058 -0.73096272 -1.51150768]
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 [ 0.          8.31449665 -7.44733242 -8.99855167 -4.05069948
 -0.60805595  2.25394367 -0.4493214 ]
 [ 0.          22.70498704 -17.56412531 -11.64247998 -25.32240401
 -3.1854169 -1.70063393 -13.19781746]]
[06-24 17:40:24][INFO]
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 [ 0.          7.62059865 -9.17618005 -3.60294954 -12.65872307
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 [ 0.          0.          -9.37668298  4.07972083 -3.51913773
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 [ 0.00000000e+00  7.62059865e+00  0.00000000e+00 -2.17361508e+01
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[06-24 17:40:24][INFO]
[[ 9.78999788e-01  0.00000000e+00 -1.11022302e-16  0.00000000e+00

```

```

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[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
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[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
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```

```

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n = 7: 0.003392 segundos
[06-24 17:40:24][INFO]
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 1.43463463e+02]
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 4.39596722e+01 3.86058416e+01 6.20551342e+00 -1.24544314e+02
 1.06576018e+02]
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 -2.10298341e+01 -2.59458609e+01 -4.16949892e+00 6.84857965e+01
 -5.26076936e+01]
[-4.44089210e-16 -1.68493780e+02 8.47831059e+01 -5.49112250e+01
 -8.61379327e+01 8.77460360e+01 -7.68317196e+01 4.86114521e+01
 -4.49177961e+01 -4.55939118e+01 -1.48762329e+01 1.36736946e+02
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```

[06-24 17:40:24][INFO]

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  2.96744804e-01  1.26846784e-01  2.59025546e-01 -2.17577842e-01
 -3.47615204e-01]
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  1.28812835e+01  1.51672868e+01  1.23905316e+00 -4.86919973e+01
  4.64468165e+01]
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 -1.72357178e+01]
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  1.50539227e+00  1.88981198e-01  3.82078805e+00 -2.61111205e-01
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 -4.04708144e+00]
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  9.42306951e+00  5.75310384e+00  1.09894563e+01 -1.27437926e+01
 -3.41410481e+00]
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 -1.69009470e+01]
[ 0.00000000e+00  0.00000000e+00 -7.36894564e-01 -1.07092412e+01
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  1.22741416e+01  1.29717365e+00  3.15767608e+00 -4.77117369e+00
 -7.67440002e+00]
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 -2.92812169e+00 -4.63169109e+00 -2.42829168e+00  6.02756003e-02
  1.26627367e+01]
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 -9.31040808e+00 -3.66738584e+00 -1.14511513e+01  2.13895740e+00
  1.71297865e+01]
[ 0.00000000e+00  0.00000000e+00  1.84015059e+00 -1.64014065e+01
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  1.24047306e+01  3.25844712e-01  6.42294160e+00 -3.21138275e+00
 -1.31468889e+01]
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 -1.57237641e+01 -2.78920477e+00 -1.45999358e+01  5.19514943e+00
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```

[06-24 17:40:24][INFO]

```
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  2.23864841e+00 -6.40637103e-01 -4.86518989e+00  6.61675712e+00
  5.46619261e+00  3.28297017e+00  6.28778513e+00 -7.20875735e+00
 -2.22057566e+00]
```

```

[ 0.00000000e+00 6.09540960e+01 0.00000000e+00 2.97696304e+03
-9.51437073e+02 3.32539505e+02 2.16224323e+03 -2.97027961e+03
-2.38512298e+03 -1.44889572e+03 -2.79538289e+03 3.19437745e+03
9.15276009e+02]
[ 0.00000000e+00 0.00000000e+00 -1.30755698e-01 -1.15946169e+01
3.86182478e+00 -1.44358869e+00 -8.37060958e+00 1.15940000e+01
9.42306951e+00 5.75310384e+00 1.09894563e+01 -1.27437926e+01
-3.41410481e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 9.75121409e+01
-3.86962697e+01 2.19487984e+01 7.20534395e+01 -1.03526198e+02
-8.65019255e+01 -5.35424741e+01 -9.88158920e+01 1.18760297e+02
2.36471360e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 -5.39053802e+02
1.79910568e+02 -6.15012569e+01 -3.84633181e+02 5.37926533e+02
4.31514487e+02 2.59533745e+02 5.02385519e+02 -5.82542270e+02
-1.59974529e+02]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 1.05659690e+02
-3.18948941e+01 2.06075145e+01 7.74789558e+01 -1.07988356e+02
-8.41128410e+01 -5.41782662e+01 -1.06364268e+02 1.16743850e+02
1.72902363e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 -1.73748833e+02
5.64455692e+01 -1.88746091e+01 -1.22407803e+02 1.66745080e+02
1.36071807e+02 8.15167412e+01 1.63626432e+02 -1.85911442e+02
-6.29225773e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 5.46340693e+01
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-4.08310677e+01 -3.11253596e+01 -5.87751554e+01 6.70484994e+01
1.15663315e+01]
[ -2.22044605e-16 0.00000000e+00 0.00000000e+00 6.75715267e+02
-2.20825785e+02 7.38539024e+01 4.87975806e+02 -6.75117491e+02
-5.45041229e+02 -3.35610148e+02 -6.34656281e+02 7.33215961e+02
2.09077606e+02]
[ -4.44089210e-16 0.00000000e+00 0.00000000e+00 6.56180082e+02
-2.12130021e+02 7.09409349e+01 4.72625102e+02 -6.44405028e+02
-5.28051202e+02 -3.20376251e+02 -6.16421672e+02 7.03685843e+02
2.05076552e+02]
[ 0.00000000e+00 0.00000000e+00 -2.22044605e-16 -1.79574725e+02
6.04820734e+01 -9.83997729e+00 -1.24999342e+02 1.76128072e+02
1.45017437e+02 8.12904041e+01 1.61079716e+02 -1.82557276e+02
-6.11942559e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 3.58246278e+02
-1.21481614e+02 3.39894469e+01 2.65016646e+02 -3.55609481e+02
-2.95233846e+02 -1.73439599e+02 -3.40572680e+02 3.83205574e+02
1.22947799e+02]]
[06-24 17:40:24][INFO]
[[ -1.05472397e-01 0.00000000e+00 0.00000000e+00 0.00000000e+00
-3.35949157e-01 1.21606927e+00 -5.28909755e-01 8.69574893e-02
4.30585380e-01 -5.55653076e-01 -9.60827609e-01 1.06018900e+00
-7.94125028e-01]
[ 0.00000000e+00 6.09540960e+01 0.00000000e+00 0.00000000e+00
1.86080553e+02 -4.87796945e+02 2.46372893e+02 -8.52608857e+01
-1.60273522e+02 2.47098113e+02 4.07224335e+02 -4.59037109e+02
2.85036641e+02]
[ 0.00000000e+00 0.00000000e+00 -1.30755698e-01 0.00000000e+00

```

```

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 7.57769759e-01 -8.52419486e-01 -1.48399514e+00  1.48545438e+00
-9.59460952e-01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00  5.46340693e+01
-2.08760459e+01  1.50550470e+01  3.51605953e+01 -5.29466812e+01
-4.08310677e+01 -3.11253596e+01 -5.87751554e+01  6.70484994e+01
 1.15663315e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
-2.60655200e+01  8.70412265e+01 -3.77168183e+01  1.55215543e+01
 2.86497077e+01 -4.75684643e+01 -7.75268215e+01  7.90000423e+01
-4.58538883e+01]
[ 4.44089210e-16  0.00000000e+00  0.00000000e+00  0.00000000e+00
 8.47838489e+00 -8.50822980e+00  9.48003817e+00 -5.59199489e+00
-5.14749959e+00  6.01669761e+00  7.30408503e+00 -1.29247561e+01
-5.07849822e+00]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
-9.94502997e+00  2.90038829e+01 -1.05890699e+01 -1.63747255e+00
 6.21967507e+00 -1.74690191e+01 -2.32920018e+01  2.73181167e+01
-2.61389984e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
-1.43622390e+00 -4.92179502e+00  9.29800202e+00 -9.02574618e+00
-1.36256987e+01  2.01078201e+00  6.08735436e+00 -9.09403758e-01
 3.00328207e+00]
[ -2.22044605e-16  0.00000000e+00  0.00000000e+00  0.00000000e+00
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-4.00417633e+01  4.93489247e+01  9.22760220e+01 -9.60412268e+01
 6.60249856e+01]
[ -4.44089210e-16  0.00000000e+00  0.00000000e+00  0.00000000e+00
 3.86008079e+01 -1.09877044e+02  5.03303218e+01 -8.49124613e+00
-3.76514625e+01  5.34535078e+01  8.94947415e+01 -1.01597204e+02
 6.61596376e+01]
[ 0.00000000e+00  0.00000000e+00 -2.22044605e-16  0.00000000e+00
-8.13463863e+00  3.96439064e+01 -9.43126618e+00  2.09956047e+00
 1.08112931e+01 -2.10144024e+01 -3.21061935e+01  3.78219855e+01
-2.31773037e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
 1.54067015e+01 -6.47294410e+01  3.44617457e+01 -8.42773641e+00
-2.74965491e+01  3.06554713e+01  4.48275100e+01 -5.64445507e+01
 4.71051012e+01]]
[06-24 17:40:24][INFO]
[[-1.05472397e-01  0.00000000e+00  0.00000000e+00  0.00000000e+00
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 3.61779177e+00 -1.02599793e+00 -2.38472925e+00  1.27290892e+00
-1.49662697e+00]
[ 0.00000000e+00  6.09540960e+01  0.00000000e+00  0.00000000e+00
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-1.92565115e+03  5.07619768e+02  1.19591631e+03 -5.76861603e+02
 6.74148942e+02]
[ 0.00000000e+00  0.00000000e+00 -1.30755698e-01  0.00000000e+00
 0.00000000e+00  3.69982726e+00 -4.58950574e+00  3.93049851e+00
 6.15176054e+00 -1.64842561e+00 -3.89378961e+00  1.84545907e+00
-2.14836701e+00]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00  5.46340693e+01
 0.00000000e+00  8.65951587e+01 -9.99893044e+01  7.82458791e+01

```



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1.57223505e+02 -6.03528200e+01 -1.47257103e+02 8.02670195e+01
-3.20874846e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
-1.43622390e+00 -4.92179502e+00 9.29800202e+00 -9.02574618e+00
-1.36256987e+01 2.01078201e+00 6.08735436e+00 -9.09403758e-01
3.00328207e+00]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 -3.75628030e+01 6.43684435e+01 -5.88732067e+01
-8.55833687e+01 1.78868411e+01 4.32392433e+01 -1.82931913e+01
1.26506186e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 6.30845014e+01 -7.49724216e+01 6.08606630e+01
1.00569854e+02 -3.13925356e+01 -6.54434528e+01 3.36152182e+01
-4.69350109e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 1.76365145e+02 -2.06462970e+02 1.79326631e+02
2.75937697e+02 -8.40614362e+01 -1.88004064e+02 9.55044897e+01
-1.00359393e+02]
[ -2.22044605e-16 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 -2.40408982e+02 2.95036549e+02 -2.55115654e+02
-3.94573181e+02 1.01668106e+02 2.50664844e+02 -1.19703294e+02
1.44168343e+02]
[ -4.44089210e-16 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 -2.42158134e+02 3.00228954e+02 -2.51072569e+02
-4.03863845e+02 1.07496481e+02 2.53102098e+02 -1.26038881e+02
1.46877633e+02]
[ 0.00000000e+00 0.00000000e+00 -2.22044605e-16 0.00000000e+00
0.00000000e+00 6.75204957e+01 -6.20942849e+01 5.32205475e+01
8.79859834e+01 -3.24032847e+01 -6.65844025e+01 4.29727638e+01
-4.01876140e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
-1.77635684e-15 -1.17526659e+02 1.34203535e+02 -1.05248975e+02
-1.73662528e+02 5.22255886e+01 1.10127949e+02 -6.61999324e+01
7.93219932e+01]]
[06-24 17:40:24][INFO]
[[ -1.05472397e-01 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 1.35289575e+00 -1.51220359e+00
-1.77595793e+00 1.01290527e-01 3.40352256e-01 1.20010908e-01
-6.99342742e-01]
[ 0.00000000e+00 6.09540960e+01 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 -4.77596952e+02 5.09331914e+02
6.38642404e+02 -2.83150993e+01 -9.96404611e+01 -2.87514574e+01
2.95104507e+02]
[ 0.00000000e+00 0.00000000e+00 -1.30755698e-01 0.00000000e+00
0.00000000e+00 0.00000000e+00 1.75059945e+00 -1.86834178e+00
-2.27795331e+00 1.13376412e-01 3.65150572e-01 4.36327247e-02
-9.02317740e-01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 5.46340693e+01
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-4.00755470e+01 -1.91175096e+01 -4.75758007e+01 3.80949322e+01
-2.92346501e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
-1.43622390e+00 0.00000000e+00 8.63906062e-01 -1.31168247e+00
-2.41184445e+00 -3.32902658e-01 4.21784297e-01 1.48752434e+00

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1.34569141e+00]
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-8.55833687e+01  1.78868411e+01  4.32392433e+01 -1.82931913e+01
 1.26506186e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
 0.00000000e+00  0.00000000e+00  3.31305644e+01 -3.80133984e+01
-4.31623418e+01 -1.35264614e+00  7.17429359e+00  2.89288747e+00
-2.56890468e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
 0.00000000e+00  0.00000000e+00  9.57602119e+01 -9.70952752e+01
-1.25893956e+02 -7.90103617e-02  1.50131441e+01  9.61416516e+00
-4.09621172e+01]
[ -2.22044605e-16  0.00000000e+00  0.00000000e+00  0.00000000e+00
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 1.53176426e+02 -1.28110312e+01 -2.60744201e+01 -2.62343972e+00
 6.32020126e+01]
[ -4.44089210e-16  0.00000000e+00  0.00000000e+00  0.00000000e+00
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 1.47871043e+02 -7.81557560e+00 -2.56506479e+01 -8.10718393e+00
 6.53222124e+01]
[ 0.00000000e+00  0.00000000e+00 -2.22044605e-16  0.00000000e+00
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-6.58532146e+01 -2.51041529e-01  1.11396998e+01  1.00900913e+01
-1.74476700e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
-1.77635684e-15  0.00000000e+00 -6.71927276e+01  7.89537668e+01
 9.41110835e+01 -3.73883650e+00 -2.51591808e+01 -8.96411675e+00
 3.97406836e+01]]
[06-24 17:40:24][INFO]
[[-1.05472397e-01  0.00000000e+00  0.00000000e+00  0.00000000e+00
 0.00000000e+00  0.00000000e+00  0.00000000e+00  4.00840400e-02
-1.34117730e-02  1.56526206e-01  4.73879953e-02  1.87904909e-03
 3.49676582e-01]
[ 0.00000000e+00  6.09540960e+01  0.00000000e+00  0.00000000e+00
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 1.64313642e+01 -4.78143045e+01  3.78128295e+00  1.29512501e+01
-7.52185064e+01]
[ 0.00000000e+00  0.00000000e+00 -1.30755698e-01  0.00000000e+00
 0.00000000e+00  0.00000000e+00  0.00000000e+00  1.40263733e-01
 2.71932522e-03  1.84849435e-01 -1.39348619e-02 -1.09225740e-01
 4.55076312e-01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00  5.46340693e+01
 0.00000000e+00  0.00000000e+00  0.00000000e+00 -1.94144676e+00
 2.29824268e+01 -1.71413628e+01 -5.80570767e+01  3.38685716e+01
 3.46069184e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
-1.43622390e+00  0.00000000e+00  0.00000000e+00 -3.20452586e-01
-1.28635174e+00 -2.97631324e-01  2.34708833e-01  1.41208998e+00
 2.01555392e+00]
[ 4.44089210e-16  0.00000000e+00  0.00000000e+00  0.00000000e+00
 0.00000000e+00 -3.75628030e+01  0.00000000e+00  1.49819580e+01
-1.72446646e+00  2.05148593e+01  2.93005096e+01 -2.39137012e+01
 6.25611464e+01]

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```

[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 3.31305644e+01 -3.80133984e+01
-4.31623418e+01 -1.35264614e+00 7.17429359e+00 2.89288747e+00
-2.56890468e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 1.27782255e+01
-1.13800671e+00 3.83066289e+00 -5.72335366e+00 1.25259567e+00
3.32892157e+01]
[-2.22044605e-16 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 2.84217094e-14 0.00000000e+00 -1.24835010e+01
8.35941008e-01 -1.75851644e+01 -7.52917116e-01 7.58693956e+00
-2.74668827e+01]
[-4.44089210e-16 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 -3.18039614e+00
-1.60978018e+00 -1.25000911e+01 -8.04468018e-01 1.91153102e+00
-2.36446901e+01]
[ 0.00000000e+00 0.00000000e+00 -2.22044605e-16 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 8.90532128e+00
3.99005337e+00 1.93774673e+00 -4.69404095e-01 5.40895711e+00
2.41211351e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
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6.57271733e+00 -6.48216386e+00 -1.06088596e+01 -3.09699668e+00
-1.23597606e+01]]
[06-24 17:40:24][INFO]
[[ -1.05472397e-01 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
-1.55204585e-01 2.96365515e-01 2.76252247e-01 6.86903613e-02
6.16312911e-01]
[ 0.00000000e+00 6.09540960e+01 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
1.53165636e+02 -1.82664764e+02 -2.16918104e+02 -5.14765298e+01
-3.32342430e+02]
[ 0.00000000e+00 0.00000000e+00 -1.30755698e-01 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
-4.93447958e-01 6.74180936e-01 7.86916409e-01 1.24563172e-01
1.38810120e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 5.46340693e+01
 0.00000000e+00 0.00000000e+00 0.00000000e+00 2.22044605e-16
2.98500777e+01 -2.39143969e+01 -6.91419813e+01 3.06326052e+01
2.16925456e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
-1.43622390e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
-1.52786525e-01 -1.41557921e+00 -1.59495058e+00 8.77965732e-01
-1.16075050e-01]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 -3.75628030e+01 0.00000000e+00 0.00000000e+00
-5.47214687e+01 7.27817127e+01 1.14841653e+02 1.05794020e+00
1.62220120e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 3.31305644e+01 0.00000000e+00
9.13058074e+01 -1.33968204e+02 -2.09867401e+02 -6.04671189e+01
-2.78551608e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00

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-1.77635684e-15  0.00000000e+00  0.00000000e+00  1.85807066e+00
6.57271733e+00 -6.48216386e+00 -1.06088596e+01 -3.09699668e+00
-1.23597606e+01]
[ -2.22044605e-16  0.00000000e+00  0.00000000e+00  0.00000000e+00
0.00000000e+00  2.84217094e-14  0.00000000e+00  0.00000000e+00
4.49949307e+01 -6.11357680e+01 -7.20288440e+01 -1.32203214e+01
-1.10506289e+02]
[ -4.44089210e-16  0.00000000e+00  0.00000000e+00  0.00000000e+00
0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
9.64051577e+00 -2.35953898e+01 -1.89632909e+01 -3.38949251e+00
-4.48004706e+01]
[ 0.00000000e+00  0.00000000e+00 -2.22044605e-16  0.00000000e+00
0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
-2.75115256e+01  3.30053230e+01  5.03765109e+01  2.02521765e+01
8.33587313e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
-4.63395514e+01  4.84094580e+01  6.72353352e+01  2.25510978e+01
1.18289109e+02]]
[06-24 17:40:24][INFO]
[ [-1.05472397e-01  0.00000000e+00  0.00000000e+00  0.00000000e+00
0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
0.00000000e+00 -8.35013692e-02 -2.90415535e-02  1.41222456e-02
-1.04938798e-01]
[ 0.00000000e+00  6.09540960e+01  0.00000000e+00  0.00000000e+00
0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
0.00000000e+00  1.92211742e+02  8.43649990e+01  2.37471513e+00
3.79434069e+02]
[ 0.00000000e+00  0.00000000e+00 -1.30755698e-01  0.00000000e+00
0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
0.00000000e+00 -5.33544582e-01 -1.83716012e-01 -4.89273548e-02
-9.05002330e-01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00  5.46340693e+01
0.00000000e+00  0.00000000e+00  0.00000000e+00  2.22044605e-16
0.00000000e+00  4.91443725e+01 -1.04256512e+01  4.11275431e+01
1.60408934e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
-1.43622390e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
0.00000000e+00 -1.78952784e+00 -1.89548796e+00  8.24247777e-01
-8.26089784e-01]
[ 4.44089210e-16  0.00000000e+00  0.00000000e+00  0.00000000e+00
0.00000000e+00 -3.75628030e+01  0.00000000e+00  0.00000000e+00
0.00000000e+00 -6.11503729e+01  7.20227402e+00 -1.81814877e+01
-9.20761864e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
0.00000000e+00  0.00000000e+00  3.31305644e+01  0.00000000e+00
0.00000000e+00  8.95049131e+01 -3.02651244e+01 -2.83650657e+01
1.45755892e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
-1.77635684e-15  0.00000000e+00  0.00000000e+00  1.85807066e+00
0.00000000e+00  9.60471685e+00  2.31994566e+00 -7.86106196e-01
1.81843344e+01]
[ -4.44089210e-16  0.00000000e+00  0.00000000e+00  0.00000000e+00
0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00

```

```
9.64051577e+00 -2.35953898e+01 -1.89632909e+01 -3.38949251e+00
-4.48004706e+01]
[-2.22044605e-16 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 2.84217094e-14 0.00000000e+00 0.00000000e+00
0.00000000e+00 4.89903863e+01 1.64780346e+01 2.59936963e+00
9.85897928e+01]
[0.00000000e+00 0.00000000e+00 -2.22044605e-16 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 -3.43297849e+01 -3.73979096e+00 1.05794461e+01
-4.44901641e+01]
[0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 -6.50076871e+01 -2.39164674e+01 6.25865386e+00
-9.70555632e+01]]
[06-24 17:40:24][INFO]
[[-1.05472397e-01 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 -1.99451473e-02 -1.16104597e-02
3.27596798e-03]
[0.00000000e+00 6.09540960e+01 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 6.34259881e+01 6.16088112e+01
1.30334578e+02]
[0.00000000e+00 0.00000000e+00 -1.30755698e-01 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 -1.25593154e-01 -2.13350353e-01
-2.13547778e-01]
[0.00000000e+00 0.00000000e+00 0.00000000e+00 5.46340693e+01
0.00000000e+00 0.00000000e+00 0.00000000e+00 2.22044605e-16
0.00000000e+00 -7.10542736e-15 -1.57793020e+01 5.62724164e+01
9.67195981e+01]
[0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
-1.43622390e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 -1.70054179e+00 2.72767090e-01
1.49307381e+00]
[4.44089210e-16 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 -3.75628030e+01 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 1.38638250e+01 -3.70262629e+01
-1.28275067e+01]
[0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 3.31305644e+01 0.00000000e+00
0.00000000e+00 0.00000000e+00 -4.00155398e+01 -7.82241908e-01
2.97607497e+01]
[0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
-1.77635684e-15 0.00000000e+00 0.00000000e+00 1.85807066e+00
0.00000000e+00 0.00000000e+00 1.27363461e+00 2.17378956e+00
5.73696744e+00]
[-4.44089210e-16 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
9.64051577e+00 0.00000000e+00 -1.63928750e+01 -1.06609087e+01
-1.42216957e+01]
[0.00000000e+00 0.00000000e+00 -2.22044605e-16 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 -3.43297849e+01 -3.73979096e+00 1.05794461e+01
```

```

-4.44901641e+01]
[-2.22044605e-16  0.00000000e+00  0.00000000e+00  0.00000000e+00
 0.00000000e+00  2.84217094e-14  0.00000000e+00  0.00000000e+00
 0.00000000e+00  0.00000000e+00  1.11411586e+01  1.76967888e+01
 3.51000176e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
 0.00000000e+00  0.00000000e+00 -1.68347114e+01 -1.37748339e+01
-1.28079434e+01]]
[06-24 17:40:24][INFO]
[[-1.05472397e-01  0.00000000e+00  0.00000000e+00  0.00000000e+00
 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
 0.00000000e+00  0.00000000e+00  0.00000000e+00  2.00707211e-02
 6.61127919e-02]
[ 0.00000000e+00  6.09540960e+01  0.00000000e+00  0.00000000e+00
 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
 0.00000000e+00  0.00000000e+00  0.00000000e+00 -3.91380102e+01
-6.94878442e+01]
[ 0.00000000e+00  0.00000000e+00 -1.30755698e-01  0.00000000e+00
 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
 0.00000000e+00  0.00000000e+00  0.00000000e+00 -1.38562428e-02
 1.82131171e-01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00  5.46340693e+01
 0.00000000e+00  0.00000000e+00  0.00000000e+00  2.22044605e-16
 0.00000000e+00 -7.10542736e-15 -1.77635684e-15  8.13365040e+01
 1.46432002e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
-1.43622390e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
 0.00000000e+00  0.00000000e+00  2.22044605e-16  2.97393400e+00
 6.85059979e+00]
[ 4.44089210e-16  0.00000000e+00  0.00000000e+00  0.00000000e+00
 0.00000000e+00 -3.75628030e+01  0.00000000e+00  0.00000000e+00
 0.00000000e+00  0.00000000e+00  0.00000000e+00 -5.90477771e+01
-5.65052352e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
 0.00000000e+00  0.00000000e+00  3.31305644e+01  0.00000000e+00
 0.00000000e+00  0.00000000e+00  0.00000000e+00  6.27790610e+01
 1.55828980e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
-1.77635684e-15  0.00000000e+00  0.00000000e+00  1.85807066e+00
 0.00000000e+00  0.00000000e+00  0.00000000e+00  1.50728634e-01
 1.72440478e+00]
[-4.44089210e-16  0.00000000e+00  0.00000000e+00  0.00000000e+00
 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
 9.64051577e+00  0.00000000e+00  0.00000000e+00  1.53777876e+01
 3.74237586e+01]
[ 0.00000000e+00  0.00000000e+00 -2.22044605e-16  0.00000000e+00
 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
 0.00000000e+00 -3.43297849e+01  0.00000000e+00  1.65197880e+01
-3.27080207e+01]
[-2.22044605e-16  0.00000000e+00  0.00000000e+00  0.00000000e+00
 0.00000000e+00  2.84217094e-14  0.00000000e+00  0.00000000e+00
 0.00000000e+00  0.00000000e+00  1.11411586e+01  1.76967888e+01
 3.51000176e+01]

```

```

[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 1.29656824e+01
 4.02295088e+01]]
[06-24 17:40:24][INFO]
[[-1.05472397e-01 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 3.83799402e-03]
[ 0.00000000e+00 6.09540960e+01 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 5.19483346e+01]
[ 0.00000000e+00 0.00000000e+00 -1.30755698e-01 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 -1.73472348e-18
 2.25123882e-01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 5.46340693e+01
 0.00000000e+00 0.00000000e+00 0.00000000e+00 2.22044605e-16
 0.00000000e+00 -7.10542736e-15 -1.77635684e-15 0.00000000e+00
 -1.05936327e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 -1.43622390e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 2.22044605e-16 0.00000000e+00
 -2.37682845e+00]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 -3.75628030e+01 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 7.10542736e-15
 1.26706338e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 3.31305644e+01 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 -3.89599027e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 -1.77635684e-15 0.00000000e+00 0.00000000e+00 1.85807066e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 1.25672875e+00]
[ -4.44089210e-16 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 9.64051577e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 -1.02899538e+01]
[ 0.00000000e+00 0.00000000e+00 -2.22044605e-16 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 -3.43297849e+01 0.00000000e+00 0.00000000e+00
 -8.39650958e+01]
[ -2.22044605e-16 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 2.84217094e-14 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 1.11411586e+01 0.00000000e+00
 -1.98090184e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 1.29656824e+01
 4.02295088e+01]]

```

n = 12: 0.023025 segundos

[06-24 17:40:24][INFO]

```
[[-4.17471095e-01 4.56167893e-01 4.41464809e+00 -1.13897362e+00
 4.61190564e+00 4.05350642e+00 -3.04208865e+00 -4.30638699e+00
-3.99221999e+00 -4.81778174e+00 -4.05557039e+00 1.83006773e+00
-4.28811352e+00 -1.81024370e+00 3.44875311e+00 -4.76728064e+00
 3.14468483e+00 -2.18145225e+00]
[ 0.00000000e+00 -7.15232617e+00 -2.17280287e+01 2.75222739e+00
-1.98140293e+01 -1.67469936e+01 2.01236399e+01 2.13158244e+01
 1.61190106e+01 2.95829231e+01 2.05789595e+01 -4.94373215e+00
 2.71544772e+01 1.30362724e+01 -2.01660343e+01 2.38855170e+01
-1.30023952e+01 9.62473468e+00]
[ 0.00000000e+00 -3.04341818e+00 -3.05887334e+01 1.09774263e+01
-3.58113357e+01 -3.61193975e+01 2.52339520e+01 3.89937285e+01
 2.80068047e+01 3.83251423e+01 3.58812334e+01 -1.20807579e+01
 3.59186783e+01 1.63563402e+01 -2.87084858e+01 3.56779526e+01
-2.18025108e+01 2.03714504e+01]
[ 0.00000000e+00 8.14338037e+00 3.89303655e+01 -9.99955887e+00
 4.35343316e+01 3.71411488e+01 -2.47286869e+01 -3.49071010e+01
-3.12025792e+01 -4.39816475e+01 -3.69038280e+01 1.20311659e+01
-3.69215520e+01 -2.05576158e+01 2.99800389e+01 -4.14911087e+01
 2.55158718e+01 -1.82726537e+01]
[ 0.00000000e+00 -9.75671070e+00 -4.64223700e+01 1.14111245e+01
-5.55961845e+01 -4.53644421e+01 3.69121212e+01 4.55890511e+01
 4.61265350e+01 5.00356049e+01 4.11269039e+01 -2.02679108e+01
 4.86316834e+01 2.17328094e+01 -3.65247353e+01 5.83727014e+01
-3.52030077e+01 2.27627911e+01]
[ 0.00000000e+00 9.33802459e-01 3.06048854e+01 -1.22689109e+01
 2.78634508e+01 3.32880885e+01 -1.81502526e+01 -2.84899347e+01
-2.91387297e+01 -3.73327125e+01 -3.21118279e+01 1.04425040e+01
-2.98282017e+01 -1.06539437e+01 2.59874778e+01 -3.59092327e+01
 2.67841455e+01 -1.30456817e+01]
[ 0.00000000e+00 1.71113058e+00 4.94380010e+00 -4.00561510e+00
 4.56435236e+00 7.85606004e+00 -8.81681469e+00 -9.44611889e+00
-9.73777859e+00 -1.08653849e+01 -1.72568036e+00 4.41929680e+00
-5.84131524e+00 -6.37856602e+00 4.40637879e+00 -6.47220357e+00
 8.26346814e-01 -3.50169859e+00]
[ 0.00000000e+00 4.94689536e-02 -9.38192345e+00 -1.77789561e+00
-1.24663049e+01 -8.59625584e+00 7.42726614e+00 1.40345548e+01
 1.12927922e+01 8.34229981e+00 5.56556038e+00 -3.02505443e+00
 5.69034315e+00 5.25880698e+00 -3.98228078e+00 1.23449194e+01
-8.76363536e+00 6.73641286e+00]
[ 0.00000000e+00 5.12726286e+00 1.73994182e+01 -3.39930259e+00
 1.24670612e+01 1.32060182e+01 -1.32516425e+01 -1.79953559e+01
-9.57908752e+00 -1.83372518e+01 -1.06157925e+01 7.87084256e+00
-1.24216422e+01 -6.46203067e+00 1.31303001e+01 -1.71620425e+01
 8.22382837e+00 -5.59439202e+00]
[ 0.00000000e+00 -2.20491592e+00 -3.90886464e+01 1.41922124e+01
-3.98315581e+01 -3.40401245e+01 2.56444624e+01 3.61622726e+01
 3.90205320e+01 4.71336382e+01 4.19988631e+01 -1.76123289e+01
 3.79409217e+01 1.93213170e+01 -3.31355913e+01 4.79109615e+01
-2.51783733e+01 1.92423443e+01]
[ 0.00000000e+00 5.28668024e+00 2.25602006e+01 -2.81890956e+00
 2.77668662e+01 2.76233266e+01 -2.00803392e+01 -2.19231558e+01
-2.50984463e+01 -3.38431381e+01 -2.03173352e+01 6.91029993e+00]
```



```

-2.75754409e+01 -6.37768483e+00 2.52306770e+01 -2.79136593e+01
2.02157389e+01 -1.36245543e+01]
[ 0.00000000e+00 -3.97292671e+00 -2.01422377e+01 8.16551257e+00
-1.99287231e+01 -1.71823695e+01 1.09806771e+01 2.12753671e+01
1.53505636e+01 2.43595846e+01 1.95040796e+01 -5.18797606e+00
1.97497988e+01 5.13749210e+00 -2.06530622e+01 2.62292510e+01
-1.43946331e+01 6.81678511e+00]
[ 0.00000000e+00 -2.53474600e+00 -4.82519919e+01 1.45652874e+01
-4.38823195e+01 -4.45683674e+01 2.61542829e+01 4.77674987e+01
3.85140152e+01 4.67021429e+01 4.35304126e+01 -1.37590211e+01
4.75790694e+01 2.05677977e+01 -3.55945839e+01 4.33276263e+01
-2.85565205e+01 2.23161134e+01]
[ 0.00000000e+00 3.23552278e+00 -1.19013503e+01 1.99367879e+00
-1.32578442e+01 -7.67118615e+00 1.08493280e+00 4.00499229e+00
3.42180990e+00 1.02371832e+01 9.82198781e+00 -2.48819158e+00
1.24053692e+01 2.03460108e+00 -8.40294323e+00 1.23394035e+01
-8.47217088e+00 8.59192633e+00]
[ 0.00000000e+00 -6.31867390e-01 -5.61567944e+01 1.72211714e+01
-5.36164813e+01 -4.24385409e+01 3.12869978e+01 5.08618263e+01
5.13450374e+01 5.65302838e+01 4.86862943e+01 -1.94281938e+01
4.96551551e+01 2.24296031e+01 -3.94580608e+01 5.97207431e+01
-4.12934797e+01 2.33014979e+01]
[ 0.00000000e+00 8.82425421e+00 4.71864087e+01 -1.10871128e+01
4.75318738e+01 4.06146787e+01 -3.31842503e+01 -4.79282850e+01
-4.22356839e+01 -5.62019224e+01 -3.90117874e+01 2.46067924e+01
-4.42830368e+01 -1.91698388e+01 3.53040320e+01 -4.82964599e+01
3.57754609e+01 -2.69096193e+01]
[ 0.00000000e+00 7.71554648e+00 4.79524785e+01 -8.95400562e+00
4.65302865e+01 3.90821025e+01 -2.56167506e+01 -3.87281996e+01
-4.38442278e+01 -5.21589545e+01 -4.11553546e+01 2.11193453e+01
-3.73362068e+01 -2.13145101e+01 3.48882420e+01 -4.81166208e+01
3.56530590e+01 -1.80513880e+01]]
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[[ -4.17471095e-01 5.55111512e-17 9.09281468e+01 1.52555291e+01
1.19567401e+02 8.33221310e+01 -7.15311126e+01 -1.33723179e+02
-1.08126406e+02 -8.17446025e+01 -5.53772534e+01 2.97249919e+01
-5.67604554e+01 -5.03032625e+01 4.01705453e+01 -1.18603444e+02
8.39567656e+01 -6.42999131e+01]
[ 0.00000000e+00 4.94689536e-02 -9.38192345e+00 -1.77789561e+00
-1.24663049e+01 -8.59625584e+00 7.42726614e+00 1.40345548e+01
1.12927922e+01 8.34229981e+00 5.56556038e+00 -3.02505443e+00
5.69034315e+00 5.25880698e+00 -3.98228078e+00 1.23449194e+01
-8.76363536e+00 6.73641286e+00]
[ 0.00000000e+00 0.00000000e+00 -6.07781383e+02 -9.84018799e+01
-8.02760630e+02 -5.64976376e+02 4.82172601e+02 9.02424550e+02
7.22759504e+02 5.51558293e+02 3.78284426e+02 -1.98187497e+02
3.85998729e+02 3.39887517e+02 -2.73705496e+02 7.95159394e+02
-5.60956975e+02 4.34807574e+02]
[ 0.00000000e+00 0.00000000e+00 1.58334491e+03 2.82670473e+02
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-1.89017665e+03 -1.41725752e+03 -9.53084016e+02 5.10003472e+02
-9.73642976e+02 -8.86241290e+02 6.85527100e+02 -2.07366214e+03
1.46815031e+03 -1.12719387e+03]
[ 0.00000000e+00 0.00000000e+00 -1.89680946e+03 -3.39241393e+02

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1.17093219e+03	1.05892189e+03	-8.21945867e+02	2.49314843e+03
-1.76364577e+03	1.35137855e+03]		
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-2.42307522e+02	-1.94806431e+02	-1.37170326e+02	6.75450515e+01
-1.37242166e+02	-1.09922000e+02	1.01159142e+02	-2.68938542e+02
1.92211219e+02	-1.40205818e+02]		
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-4.00355341e+02	-2.99425447e+02	-1.94238355e+02	1.09055898e+02
-2.02670225e+02	-1.88280644e+02	1.42153429e+02	-4.33482836e+02
3.03960402e+02	-2.36514148e+02]		
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1.64885484e+03	1.23573031e+03	8.25259477e+02	-4.42312514e+02
8.49876351e+02	7.73365732e+02	-5.95932631e+02	1.80874013e+03
-1.28006737e+03	9.83589584e+02]		
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-1.18003267e+03	-8.82983880e+02	-5.87464279e+02	3.21405860e+02
-6.02203372e+02	-5.51516731e+02	4.25878071e+02	-1.29666448e+03
9.16540232e+02	-7.03797141e+02]		
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5.42359605e+02	4.18964217e+02	2.90065414e+02	-1.52444182e+02
2.91569253e+02	2.53715343e+02	-2.10632660e+02	5.98145145e+02
-4.15788598e+02	3.19495793e+02]		
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-1.23194389e+03	-9.25373448e+02	-6.15101254e+02	3.30193780e+02
-6.35694725e+02	-5.68379281e+02	4.50811644e+02	-1.34719852e+03
9.56773610e+02	-7.33535895e+02]		
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9.22291836e+02	6.94342338e+02	4.66482677e+02	-2.48134687e+02
4.76749889e+02	4.27480258e+02	-3.40476073e+02	1.01766846e+03
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6.17146828e+02	4.74154302e+02	3.28704868e+02	-1.68760169e+02
3.39147284e+02	2.90024476e+02	-2.39643174e+02	6.75870520e+02
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5.64714439e+02	-4.32003955e+02]		
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1.95587974e+02	1.63086554e+02	1.19775247e+02	-5.80672414e+01
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-1.53231473e+02	1.09345760e+02]		

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-2.05663991e+03 -1.54429837e+03 -1.03179445e+03 5.64214918e+02
-1.05932441e+03 -9.57233942e+02 7.45661850e+02 -2.25037876e+03
 1.59902959e+03 -1.22854853e+03]
[ 0.00000000e+00 0.00000000e+00 1.51122714e+03 2.68339837e+02
 1.99086806e+03 1.37981819e+03 -1.18402850e+03 -2.22766190e+03
-1.80515221e+03 -1.35328617e+03 -9.09201608e+02 4.92929367e+02
-9.24844509e+02 -8.41517217e+02 6.55994415e+02 -1.97352221e+03
 1.40249491e+03 -1.06871251e+03]]
[06-24 17:40:24][INFO]
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-7.07389756e+00 2.51571833e+00 6.50584176e+00 -2.76036772e-01
 6.44669099e+00 -4.01031208e+00 -6.49614523e+00 -6.28023423e+00
 4.78817244e+00 -7.80531828e+00]
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 8.66241855e-01 -3.51640494e-01 -8.19508287e-01 7.04376006e-02
-8.31340507e-01 4.82322107e-01 8.32766414e-01 7.55463430e-01
-5.95057119e-01 9.07327111e-01]
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 1.95587974e+02 1.63086554e+02 1.19775247e+02 -5.80672414e+01
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-1.53231473e+02 1.09345760e+02]
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-1.30534780e+02 4.99795716e+01 1.24495226e+02 -1.24087575e+01
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 1.65383271e+02 -6.23362714e+01 -1.52097607e+02 8.94112129e+00
-1.47602464e+02 9.32263420e+01 1.51546094e+02 1.50026589e+02
-1.12146851e+02 1.72871284e+02]
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-1.14777995e+01 -2.33435097e+00 4.18645874e+00 -9.84955644e-01
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 1.13699449e+01 -1.11577434e+01]
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8.58384460e+01 -4.75945061e+01 -8.21125039e+01 -7.39694234e+01
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3.41894562e+01 -4.76182835e+00 -2.11306380e+01 -1.57581229e+00
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-9.26003850e+01 2.46420514e+01 8.26162353e+01 -8.06083248e+00
7.69511336e+01 -4.64370436e+01 -7.53444265e+01 -8.07804814e+01
6.41661538e+01 -9.65724916e+01]
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-4.46472903e+01 6.71710220e+01]
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-2.85596394e+01 2.07157130e+01 3.18398177e+01 2.24314025e+01
-1.70350686e+01 3.88273026e+01]
[ 0.00000000e+00 4.44089210e-16 0.00000000e+00 9.95137802e+01
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4.08097833e+01 -5.81463426e+01]
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-3.17787309e+01 5.71867358e+01]
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1.00837651e+02 -1.59440902e+02]
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-1.25658030e+02 4.71216051e+01 1.19296347e+02 -5.68817163e+00
1.25659197e+02 -7.21276972e+01 -1.19606670e+02 -1.06708802e+02
8.67117184e+01 -1.29771513e+02]]
[06-24 17:40:24][INFO]
[[-4.17471095e-01 5.55111512e-17 0.00000000e+00 0.00000000e+00
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2.54859854e+00 4.47273832e+00 2.99609385e+00 5.49707903e-01
4.61583637e-01 -5.08422474e-01 -1.93590920e+00 4.08493031e+00
-4.74390298e+00 1.54885643e+00]
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-2.84525496e-01 -5.85683166e-01 -3.99772778e-01 -2.83143242e-02
-1.15573407e-01 6.35263823e-02 2.87401606e-01 -4.84120646e-01
5.44896700e-01 -2.11351321e-01]
[ 0.00000000e+00 0.00000000e+00 -1.75992187e+02 0.00000000e+00

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1.24982509e+02	8.80530643e+01	-9.23387325e+01	2.12822609e+02
-1.49019677e+02	1.05212570e+02]		
[0.00000000e+00	-1.11022302e-16	0.00000000e+00	1.48148629e+01
1.19835415e+01	1.58861219e+01	-9.46460961e+00	-2.18235721e+01
-1.14777995e+01	-2.33435097e+00	4.18645874e+00	-9.84955644e-01
7.13908966e+00	-4.17708529e+00	-5.43949038e+00	-1.23636611e+01
1.13699449e+01	-1.11577434e+01]		
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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-1.26288962e+01	1.42532331e+01	4.87056111e+01	-8.37241452e+01
1.02816416e+02	-3.80800422e+01]		
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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5.02122615e+01	8.67398434e+01	5.85688240e+01	3.10186521e+00
1.45691009e+01	-1.43566877e+01	-4.14281373e+01	7.69352528e+01
-8.94723934e+01	3.22615863e+01]		
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2.37543898e+00	1.33192091e+01	1.66425552e+01	3.49096117e+00
3.59750768e+00	-7.23183507e+00	-9.59944824e+00	1.29090650e+01
-1.91335545e+01	3.74765991e+00]		
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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-4.65084099e+01	-7.46906655e+01	-5.29777112e+01	-1.64045907e+00
-6.31199767e+00	1.21260005e+01	3.37977764e+01	-7.00879357e+01
8.20656735e+01	-3.18496242e+01]		
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3.61936593e+01	5.78689036e+01	4.37745444e+01	4.80263763e+00
1.35515281e+01	-5.29939066e+00	-2.70348940e+01	5.12189407e+01
-6.03765055e+01	2.41529855e+01]		
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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-5.16247990e+00	-1.27652117e+01	-6.77725463e+00	-4.95275850e+00
-1.80859572e+00	6.59734742e+00	5.39410797e+00	-9.09193926e+00
2.13144571e+01	-2.85732777e+00]		
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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2.76515939e+01	4.90988580e+01	3.87550452e+01	2.25846826e+00
2.15546778e+00	-2.67405832e+00	-1.83553250e+01	4.87525976e+01
-5.49558411e+01	2.03262848e+01]		
[0.00000000e+00	0.00000000e+00	1.13686838e-13	0.00000000e+00
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-2.30722451e+01	-3.99571203e+01	-2.87954496e+01	-2.31532764e-01
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4.01553158e+01	-1.60488812e+01]		
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-1.72392669e+01	-2.54892832e+01	-1.43336378e+01	1.77894053e+00
3.71759950e-01	3.78793528e+00	9.79610116e+00	-2.76727471e+01
2.90420131e+01	-6.38982524e+00]		

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1.05518777e+01 -7.51275485e+00 -2.02241283e+01 3.12752031e+01
-3.55639375e+01 1.68019867e+01]
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1.79564033e+00 8.05543886e+00 9.05264260e+00 -2.19349935e+01
2.91963864e+01 -2.65037990e+00]
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5.12285414e+01 9.00194048e+01 6.79621046e+01 1.32537624e+01
1.51855141e+01 -1.00192104e+01 -4.47908941e+01 8.58693719e+01
-9.28686378e+01 3.06501733e+01]
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4.57286400e+01 8.19781678e+01 5.67840841e+01 9.01920040e+00
1.90582057e+01 -9.75539876e+00 -3.83841207e+01 7.79055659e+01
-8.30644651e+01 3.68360734e+01]]
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1.33758742e+00 -2.31746360e+00 -5.48836719e+00 -1.23000222e+00
-1.37244445e+00 3.17840458e+00 2.95793935e+00 -2.49617804e+00
5.01048241e+00 -3.61720043e-01]
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-3.70110316e+02 -2.98583792e+03 -3.81222271e+03 -8.83537728e+02
-7.25305904e+02 1.79733241e+03 2.17653748e+03 -2.83829760e+03
4.37328885e+03 -7.80565051e+02]
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2.08053461e+01 1.78678914e+02 2.30365299e+02 4.64585731e+01
5.60306273e+01 -1.02460555e+02 -1.35899750e+02 1.63075585e+02
-2.48662550e+02 3.97744218e+01]
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3.59750768e+00 -7.23183507e+00 -9.59944824e+00 1.29090650e+01
-1.91335545e+01 3.74765991e+00]
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-1.78863768e+01 5.08864425e+01 4.51747850e+01 -3.95258943e+01
8.31439582e+01 -1.54851318e+00]
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-4.68074669e+00 1.59839203e+02 2.40070942e+02 5.98297572e+01
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-2.54845474e+02 3.41406444e+01]
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-1.17908241e+00 -1.51681990e+02 -2.18062498e+02 -5.01205960e+01
-4.30480000e+01 1.08478949e+02 1.23993064e+02 -1.51879163e+02
2.40651387e+02 -3.48088851e+01]
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-8.86345898e+00 -3.35167926e+01 -3.27066720e+01 -1.03917423e+01
-7.41358107e+00 1.78646839e+01 2.03502308e+01 -2.92045079e+01
5.11248986e+01 -8.69625314e+00]
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-1.96261551e+00 6.01676902e+01 9.26960591e+01 2.42296106e+01
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-1.44637522e+01 4.27745344e+01 4.65265962e+01 -5.84892730e+01
9.74831494e+01 -9.25774170e+00]
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1.03648804e+02 -1.72332604e+01]
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2.10513777e+02 -2.87728739e+01]
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-4.53253592e+01 1.19670683e+02 1.33414456e+02 -1.53124274e+02
2.59363280e+02 -3.02347229e+01]]
[06-24 17:40:24][INFO]
[[-4.17471095e-01 5.55111512e-17 0.00000000e+00 0.00000000e+00

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-1.10996777e+00	3.19610268e+00	1.41282215e+00	-1.41816810e-01
2.20398171e+00	1.29043884e+00]		
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-1.48872163e+04	-7.76380644e+03	1.53815532e+04	5.49643739e+03
4.73848860e+03	-1.38487839e+04	-6.11815442e+03	6.83409161e+02
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5.48857480e+02	3.07626795e+02]		
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-1.99995946e+01	6.03408027e+01	2.62237683e+01	-2.30052510e+00
4.18934352e+01	2.42439777e+01]		
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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-3.46653198e+01	-1.14092855e+01	4.58327147e+01	1.52347084e+01
1.30469657e+01	-3.73612774e+01	-1.98068504e+01	8.40946473e+00
-3.37421531e+01	-1.13325251e+01]		
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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6.50377377e+01	-1.86574966e+02	-8.07139139e+01	1.39231171e+01
-1.31314962e+02	-7.35759590e+01]		
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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7.71354740e+02	4.15253273e+02	-7.85963530e+02	-2.81222178e+02
-2.35041680e+02	7.21173571e+02	3.08173150e+02	-3.10386019e+01
5.00523534e+02	2.87836318e+02]		
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2.40662569e+02	-7.03954343e+02	-3.06713427e+02	3.09874200e+01
-4.93082856e+02	-2.81238380e+02]		
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5.48004512e+01	-1.60291354e+02	-7.40980925e+01	1.08957517e+01
-1.09773463e+02	-6.27350314e+01]		
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4.20836648e+01	-1.35874782e+02	-5.35466696e+01	9.42040076e+00
-9.78237482e+01	-5.65802712e+01]		


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-3.39424746e+01 9.09641475e+01 3.74542002e+01 -3.00395268e-01
6.44358274e+01 3.70294587e+01]
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-9.96131447e+01 3.09847936e+02 1.34973268e+02 -2.40113529e+01
2.24408314e+02 1.24653756e+02]
[ 0.00000000e+00 4.44089210e-16 0.00000000e+00 0.00000000e+00
0.00000000e+00 2.84217094e-14 -2.62375943e+02 -3.51095805e+02
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9.32808197e+01 -2.65762710e+02 -1.17042518e+02 1.09578461e+01
-1.81166610e+02 -1.02844105e+02]
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-3.62170244e+02 -1.87468556e+02 3.70120839e+02 1.32321331e+02
1.15265197e+02 -3.28821778e+02 -1.47105902e+02 9.99332651e+00
-2.26010251e+02 -1.27951433e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 2.84217094e-14
0.00000000e+00 0.00000000e+00 -5.47340632e+02 -7.28020831e+02
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1.88742437e+02 -5.55694428e+02 -2.42658675e+02 2.98161570e+01
-3.85863345e+02 -2.29070072e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
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-7.79595028e+02 -4.14036014e+02 7.93929904e+02 2.90572156e+02
2.49300792e+02 -7.24020460e+02 -3.13863192e+02 3.67779836e+01
-5.02600917e+02 -2.86145435e+02]]
[06-24 17:40:24][INFO]
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-5.81095520e-01 8.05005648e-02 -1.21530727e-01 8.93173617e-01
-1.51463517e-01 -4.19806847e-02]
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1.68083224e+02 6.82890991e+02 -2.64257661e+02 3.45565120e+02
-4.14964197e+02 -3.77861169e+01 -4.31519753e+02 6.37800441e+02
2.60144081e+01 9.57586191e+01]
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-6.93018880e+00 -2.69015986e+01 2.73761104e+01 -2.38146950e+01
3.76114231e+01 3.53452301e+00 1.22951044e+01 -3.31220144e+01
-1.58863879e+00 -8.69911601e+00]
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9.91595620e+01	5.56329560e+01	-1.03048880e+02	-3.39254783e+01
-3.39424746e+01	9.09641475e+01	3.74542002e+01	-3.00395268e-01
6.44358274e+01	3.70294587e+01]		
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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3.31206788e+01	2.51175627e+00	1.22664198e+01	-2.86653305e+01
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1.15070780e+01	3.02573470e+01	-1.79740667e+01	1.89221044e+01
-2.17098674e+01	-8.09232759e-01	-1.71956509e+01	2.86653902e+01
5.00060041e+00	4.99618079e+00]		
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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1.94794991e+00	1.08850427e+01	2.82567594e+00	2.00128855e+00
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4.66747669e+00	3.03095976e+00]		
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1.24267376e+00	3.50416663e-01]		
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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9.25112385e+00	1.00896756e+00]		
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7.16433288e+00	5.38439366e+00]		
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6.23341764e+02 2.31556622e+02]
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-3.71008572e+01 -1.67725589e+01]
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[06-24 17:40:24][INFO]
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 6.59622214e+01 1.96464885e+01]
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1.45028523e+02	4.34199582e+01]		
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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7.10224196e+01	2.61995274e+01]		
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2.37188936e+04	7.09122452e+03]		
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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0.00000000e+00	1.50913010e+02	-3.23578030e+02	2.03175064e+01
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6.46046795e+02	1.93147898e+02]		
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2.59884834e+01	-4.71953130e+01	-3.00190016e+01	4.60932290e+01
-3.90072652e+01	-1.16386588e+01]		
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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-1.57906545e+02	-4.59223491e+01]		
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-5.64318408e+02	-1.69407418e+02]		
[0.00000000e+00	4.44089210e-16	0.00000000e+00	0.00000000e+00
0.00000000e+00	2.84217094e-14	0.00000000e+00	0.00000000e+00

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-1.78306304e+03 -5.29420044e+02]
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2.03897844e+03 -3.68523134e+03 -2.35033657e+03 3.59463936e+03
-3.04419819e+03 -9.05617113e+02]
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2.61534247e+03 -4.73252378e+03 -3.01363568e+03 4.62178535e+03
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[06-24 17:40:24][INFO]
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-3.62186213e+02 -9.48415603e+01]
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3.33230523e+03 -5.17466531e+03 -4.38149580e+03 6.18812756e+03
-4.05365570e+03 -9.85582593e+02]
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-1.24490296e+02 2.04541749e+02 1.67779538e+02 -2.27054025e+02
 1.56591796e+02 3.97000979e+01]
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 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 5.04480201e+01 4.11260941e+00
 5.39019554e+01 -7.54836240e+01 -6.21770196e+01 8.47925864e+01
-6.48064456e+01 -1.64148080e+01]
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-1.11445023e+02 1.93161416e+02 1.53728682e+02 -2.25412334e+02
 1.60815597e+02 4.14759049e+01]
[ 0.00000000e+00 4.44089210e-16 0.00000000e+00 0.00000000e+00
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-2.19587448e+02 3.51930630e+02 3.00058273e+02 -4.22215346e+02
 2.76082502e+02 6.94202420e+01]
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 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
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 5.13968430e+02 1.29168178e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 2.84217094e-14
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-5.24424312e+02 8.47123412e+02 7.14316049e+02 -1.00687928e+03
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6.29067164e-01	2.09800230e-01]		
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-7.63593193e+02	-2.18064031e+02]		
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-6.26624291e+01	2.97175564e+01	1.31206222e+01	-3.85918495e+00
7.13461459e+01	1.49677398e+01]		
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5.51890028e+00	1.87303257e+00]		
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-4.41311584e+00	2.17227731e+00]		
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-6.67140103e+02	4.26107891e+02	2.31947051e+02	-1.03356878e+02
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0.00000000e+00	0.00000000e+00	5.04480201e+01	4.11260941e+00
5.39019554e+01	-7.54836240e+01	-6.21770196e+01	8.47925864e+01
-6.48064456e+01	-1.64148080e+01]		
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00


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-8.67479313e+01 -2.29871152e+01]
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1.25707270e+02 -6.33127225e+01 -3.56241689e+01 1.58357203e+01
-1.21298162e+02 -3.40155203e+01]]
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-7.76147186e+02 -2.42582715e+02]
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	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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	7.71581441e+02	2.64977743e+02]		
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	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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	4.37096829e-01	8.53675710e-01]		
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	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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	-1.00212637e+01	-3.28614001e+00]		
[0.00000000e+00	4.44089210e-16	0.00000000e+00	0.00000000e+00
	0.00000000e+00	2.84217094e-14	0.00000000e+00	0.00000000e+00
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	-6.95901496e+01	-2.00560907e+01]		
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	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	-6.09918775e+00	-6.98643120e+01	-2.35914652e+01	6.94690298e+01
	-8.87437813e+01	-2.68851271e+01]		
[0.00000000e+00	0.00000000e+00	0.00000000e+00	2.84217094e-14
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	-1.62156383e+01	-1.90120117e+01	-8.04265373e+00	3.50704963e+01

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-2.10192374e+01 -1.44912158e+01]
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[06-24 17:40:24][INFO]
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0.00000000e+00 4.94296981e+00 1.90515250e+00 -4.59938614e+00
5.43952837e+00 2.00898592e+00]
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3.33059842e+01 1.37627061e+01]
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0.00000000e+00 2.84217094e-14 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 -1.83043330e+02 -6.97191881e+01 1.85409258e+02
-2.18489953e+02 -6.51656192e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 1.12904574e+02 4.51941562e+01 -1.01202674e+02
1.27934380e+02 3.85078309e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 2.84217094e-14
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 1.66733117e+02 5.46789220e+01 -1.49623713e+02
2.14919893e+02 5.69870718e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
-1.77635684e-15 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
-1.77635684e-15 6.89189716e+01 2.37209971e+01 -5.63031845e+01
9.56917250e+01 2.70945960e+01]]
[06-24 17:40:24][INFO]
[[-4.17471095e-01 5.55111512e-17 0.00000000e+00 0.00000000e+00
5.55111512e-17 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
2.77555756e-17 0.00000000e+00 8.18623837e-02 -2.48631697e-01
-8.76490015e-01 -1.56824486e-01]
[ 0.00000000e+00 4.94689536e-02 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
2.16840434e-19 0.00000000e+00 4.58369204e-02 -1.27662270e-01
-1.53664905e-01 8.20488049e-03]
[ 0.00000000e+00 0.00000000e+00 -1.75992187e+02 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 1.25607605e+00 1.56886416e+02
2.96799275e+01 -2.78353264e+01]

```

[0.00000000e+00	-1.11022302e-16	0.00000000e+00	1.48148629e+01
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	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	-4.32036398e+00	1.81572997e+01
	2.31819572e+01	-1.06090294e+00]		
[	0.00000000e+00	-2.22044605e-16	0.00000000e+00	0.00000000e+00
	-8.81765736e-01	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	2.03847767e-01	-5.61239103e-01
	-1.42362261e+00	6.57217226e-02]		
[	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	-1.68242639e+01	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	3.69913999e+00	-1.00606804e+01
	-9.67496368e+00	1.59288239e+00]		
[	0.00000000e+00	0.00000000e+00	1.13686838e-13	0.00000000e+00
	-4.44089210e-16	0.00000000e+00	8.97696932e+01	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	8.99492978e+00	1.96144934e+02
	7.44709034e+01	1.82689556e+01]		
[	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	8.88178420e-16	0.00000000e+00	0.00000000e+00	1.36356343e+01
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	2.77555756e-17	0.00000000e+00	-4.84981839e+00	3.11489431e+00
	9.62996924e+00	3.36003478e+00]		
[	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	-1.77635684e-15	0.00000000e+00	0.00000000e+00	0.00000000e+00
	1.30150375e-01	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	-3.19131879e-02	2.61238436e-01
	1.69450018e-01	2.30790644e-03]		
[	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	1.77635684e-15
	0.00000000e+00	-3.06911091e+01	0.00000000e+00	0.00000000e+00
	3.55271368e-15	0.00000000e+00	1.30501123e+00	5.19971683e+01
	7.57007622e+01	8.41491335e+00]		
[	0.00000000e+00	0.00000000e+00	-1.13686838e-13	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	5.04480201e+01	0.00000000e+00
	0.00000000e+00	0.00000000e+00	-3.19991775e+01	1.23930135e+02
	1.07563890e+02	1.82829080e+01]		
[	0.00000000e+00	0.00000000e+00	0.00000000e+00	-7.10542736e-15
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	1.61297701e+01
	0.00000000e+00	0.00000000e+00	-6.94679082e-01	3.42200240e+01
	2.13320606e+01	4.44551211e-01]		
[	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	-6.09918775e+00	0.00000000e+00	4.54905520e-01	1.23935518e+01
	8.26051775e+00	5.81117176e-01]		
[	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	-1.77635684e-15	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	-1.77635684e-15	6.89189716e+01	2.37209971e+01	-5.63031845e+01

```

9.56917250e+01 2.70945960e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 6.33389741e+00 -8.96555963e+00
-2.88299068e+01 -5.87913170e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 2.84217094e-14
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 -2.70840815e+00 -1.34115029e+01
-1.65835545e+01 -8.56188134e+00]
[ 0.00000000e+00 4.44089210e-16 0.00000000e+00 0.00000000e+00
0.00000000e+00 2.84217094e-14 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 -6.71809859e+00 3.58724595e+01
3.56596893e+01 6.79548175e+00]]
[06-24 17:40:24][INFO]
[[ -4.17471095e-01 5.55111512e-17 0.00000000e+00 0.00000000e+00
5.55111512e-17 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
2.77555756e-17 0.00000000e+00 0.00000000e+00 -6.53998072e-01
-1.37773253e+00 -4.15609712e-01]
[ 0.00000000e+00 4.94689536e-02 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
2.16840434e-19 0.00000000e+00 -6.93889390e-18 -3.54637659e-01
-4.34323885e-01 -1.36695833e-01]
[ 0.00000000e+00 0.00000000e+00 -1.75992187e+02 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 1.50666576e+02
2.19889871e+01 -3.18060625e+01]
[ 0.00000000e+00 -1.11022302e-16 0.00000000e+00 1.48148629e+01
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 3.95508899e+01
4.96355001e+01 1.25967298e+01]
[ 0.00000000e+00 -2.22044605e-16 0.00000000e+00 0.00000000e+00
-8.81765736e-01 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 -1.57065304e+00
-2.67178033e+00 -5.78686468e-01]
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0.00000000e+00 -1.68242639e+01 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 4.44089210e-16 -2.83780919e+01
-3.23247588e+01 -1.01009229e+01]
[ 0.00000000e+00 0.00000000e+00 1.13686838e-13 0.00000000e+00
-4.44089210e-16 0.00000000e+00 8.97696932e+01 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 1.51603816e+02
1.93950434e+01 -1.01660206e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
8.88178420e-16 0.00000000e+00 0.00000000e+00 1.36356343e+01

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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
2.77555756e-17	0.00000000e+00	0.00000000e+00	2.71302383e+01
3.93253560e+01	1.86913908e+01]		
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-1.77635684e-15	0.00000000e+00	0.00000000e+00	0.00000000e+00
1.30150375e-01	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	4.19266247e-01
3.64854130e-01	1.03192601e-01]		
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	1.77635684e-15
0.00000000e+00	-3.06911091e+01	0.00000000e+00	0.00000000e+00
3.55271368e-15	0.00000000e+00	0.00000000e+00	4.55350101e+01
6.77101923e+01	4.28948223e+00]		
[0.00000000e+00	0.00000000e+00	-1.13686838e-13	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	5.04480201e+01	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	2.82383750e+02
3.03494516e+02	1.19439434e+02]		
[0.00000000e+00	0.00000000e+00	0.00000000e+00	-7.10542736e-15
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	1.61297701e+01
0.00000000e+00	0.00000000e+00	-1.11022302e-16	3.76599378e+01
2.55855733e+01	2.64058650e+00]		
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-6.09918775e+00	0.00000000e+00	0.00000000e+00	1.01409494e+01
5.47513605e+00	-8.56940484e-01]		
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-1.77635684e-15	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-1.77635684e-15	6.89189716e+01	0.00000000e+00	-1.73764883e+02
-4.95516898e+01	-4.78927587e+01]		
[0.00000000e+00	0.00000000e+00	0.00000000e+00	2.84217094e-14
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	-2.70840815e+00	-1.34115029e+01
-1.65835545e+01	-8.56188134e+00]		
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-4.03297702e+01
-6.76122937e+01	-2.59019920e+01]		
[0.00000000e+00	4.44089210e-16	0.00000000e+00	0.00000000e+00
0.00000000e+00	2.84217094e-14	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	6.91391585e+01
7.67945360e+01	2.80328875e+01]]		
[06-24 17:40:24][INFO]			
[-4.17471095e-01	5.55111512e-17	0.00000000e+00	0.00000000e+00
5.55111512e-17	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
2.77555756e-17	0.00000000e+00	0.00000000e+00	0.00000000e+00
-2.81313935e-01	4.42374652e-03]		

[0.00000000e+00	4.94689536e-02	0.00000000e+00	0.00000000e+00
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	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	2.16840434e-19	0.00000000e+00	-6.93889390e-18	0.00000000e+00
	1.60221173e-01	9.10719363e-02]		
[	0.00000000e+00	0.00000000e+00	-1.75992187e+02	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	-2.30601413e+02	-1.28572407e+02]		
[	0.00000000e+00	-1.11022302e-16	0.00000000e+00	1.48148629e+01
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	-1.66710117e+01	-1.28050226e+01]		
[	0.00000000e+00	-2.22044605e-16	0.00000000e+00	0.00000000e+00
	-8.81765736e-01	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	-3.86025596e-02	4.30073121e-01]		
[	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	-1.68242639e+01	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	4.44089210e-16	0.00000000e+00
	1.52507141e+01	8.12504528e+00]		
[	0.00000000e+00	0.00000000e+00	1.13686838e-13	0.00000000e+00
	-4.44089210e-16	0.00000000e+00	8.97696932e+01	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	-2.34766626e+02	-1.07534312e+02]		
[	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	8.88178420e-16	0.00000000e+00	0.00000000e+00	1.36356343e+01
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	2.77555756e-17	0.00000000e+00	0.00000000e+00	-3.55271368e-15
	-6.15810777e+00	1.26686265e+00]		
[	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	-1.77635684e-15	0.00000000e+00	0.00000000e+00	0.00000000e+00
	1.30150375e-01	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	-3.38039850e-01	-1.66083196e-01]		
[	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	1.77635684e-15
	0.00000000e+00	-3.06911091e+01	0.00000000e+00	0.00000000e+00
	3.55271368e-15	0.00000000e+00	0.00000000e+00	0.00000000e+00
	-8.62861311e+00	-2.49556005e+01]		
[	0.00000000e+00	0.00000000e+00	-1.13686838e-13	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	5.04480201e+01	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	-1.69917878e+02	-6.19229091e+01]		
[	0.00000000e+00	0.00000000e+00	0.00000000e+00	-7.10542736e-15
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	1.61297701e+01
	0.00000000e+00	0.00000000e+00	-1.11022302e-16	0.00000000e+00


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-3.75507839e+01 -2.15466926e+01]
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-6.09918775e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
-1.15260233e+01 -7.37001479e+00]
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 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
-1.77635684e-15 6.89189716e+01 0.00000000e+00 0.00000000e+00
 2.41762698e+02 6.37085867e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 2.84217094e-14
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 -2.70840815e+00 0.00000000e+00
 5.90064191e+00 5.17219441e-02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 -4.03297702e+01
-6.76122937e+01 -2.59019920e+01]
[ 0.00000000e+00 4.44089210e-16 0.00000000e+00 0.00000000e+00
 0.00000000e+00 2.84217094e-14 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
-3.91162929e+01 -1.63720749e+01]]
[06-24 17:40:24][INFO]
[[-4.17471095e-01 5.55111512e-17 0.00000000e+00 0.00000000e+00
 5.55111512e-17 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 2.77555756e-17 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 1.22167338e-01]
[ 0.00000000e+00 4.94689536e-02 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 2.16840434e-19 0.00000000e+00 -6.93889390e-18 0.00000000e+00
 0.00000000e+00 2.40115673e-02]
[ 0.00000000e+00 0.00000000e+00 -1.75992187e+02 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 2.84217094e-14 -3.20544778e+01]
[ 0.00000000e+00 -1.11022302e-16 0.00000000e+00 1.48148629e+01
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 -5.82739172e+00]
[ 0.00000000e+00 -2.22044605e-16 0.00000000e+00 0.00000000e+00
-8.81765736e-01 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 4.46230173e-01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 -1.68242639e+01 0.00000000e+00 0.00000000e+00

```

0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	4.44089210e-16	0.00000000e+00
0.00000000e+00	1.74187822e+00]		
[0.00000000e+00	0.00000000e+00	1.13686838e-13	0.00000000e+00
-4.44089210e-16	0.00000000e+00	8.97696932e+01	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-9.27303805e+00]		
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
8.88178420e-16	0.00000000e+00	0.00000000e+00	1.36356343e+01
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
2.77555756e-17	0.00000000e+00	0.00000000e+00	-3.55271368e-15
0.00000000e+00	3.84433086e+00]		
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-1.77635684e-15	0.00000000e+00	0.00000000e+00	0.00000000e+00
1.30150375e-01	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-2.45970446e-02]		
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	1.77635684e-15
0.00000000e+00	-3.06911091e+01	0.00000000e+00	0.00000000e+00
3.55271368e-15	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-2.13441054e+01]		
[0.00000000e+00	0.00000000e+00	-1.13686838e-13	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	5.04480201e+01	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
2.84217094e-14	9.19600351e+00]		
[0.00000000e+00	0.00000000e+00	0.00000000e+00	-7.10542736e-15
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	1.61297701e+01
0.00000000e+00	0.00000000e+00	-1.11022302e-16	0.00000000e+00
0.00000000e+00	-5.82985955e+00]		
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-6.09918775e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
1.77635684e-15	-2.54581234e+00]		
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-1.77635684e-15	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-1.77635684e-15	6.89189716e+01	0.00000000e+00	0.00000000e+00
0.00000000e+00	-3.74808845e+01]		
[0.00000000e+00	0.00000000e+00	0.00000000e+00	2.84217094e-14
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	-2.70840815e+00	0.00000000e+00
0.00000000e+00	-2.41798426e+00]		
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-4.03297702e+01
0.00000000e+00	2.39704794e+00]		
[0.00000000e+00	4.44089210e-16	0.00000000e+00	0.00000000e+00

```

0.00000000e+00 2.84217094e-14 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
-3.91162929e+01 -1.63720749e+01]]
n = 17: 0.079697 segundos
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 3.62363709e+00 4.49520624e+00 -3.52926519e+00 4.26587625e+00
-7.88370692e-02 -2.41755612e+00 -4.08642438e-01 4.80032575e+00
-7.38190601e-02 -1.71248390e+00 1.33400854e+00 -2.59854381e+00
-4.24136672e+00 -3.71120278e+00 -3.71954161e+00 -3.48097306e+00
-3.61172827e+00 1.40874745e+00 -3.18119916e+00]
[ 0.00000000e+00 -3.45853654e+01 1.54116282e+01 -1.47716103e+01
-4.09200504e+01 -5.46121012e+01 4.38938271e+01 -4.85520306e+01
1.72085812e-03 2.59901148e+01 2.99595819e-01 -5.63219158e+01
2.10844466e+00 2.30434470e+01 -1.92312209e+01 2.82333892e+01
4.71634177e+01 4.40216849e+01 4.65172572e+01 4.16146121e+01
4.36705598e+01 -1.32359061e+01 3.74981684e+01]
[ 0.00000000e+00 -6.89131118e+01 2.41687987e+01 -3.17919789e+01
-9.20720713e+01 -1.05067061e+02 8.84824999e+01 -9.81708782e+01
6.87300293e+00 5.90216864e+01 1.25726844e+01 -1.11645788e+02
5.28175046e+00 3.88890361e+01 -3.27568791e+01 5.91360592e+01
1.07115815e+02 9.08153046e+01 8.72416566e+01 8.59025761e+01
8.85291001e+01 -3.54882158e+01 7.30712651e+01]
[ 0.00000000e+00 3.52606208e+01 -1.16738336e+01 1.51442408e+01
3.66993372e+01 4.65142214e+01 -4.35263370e+01 4.37507024e+01
-3.08383095e+00 -2.99004904e+01 -8.62113767e+00 4.91637831e+01
-1.20658774e+00 -2.18288675e+01 1.33595450e+01 -2.86330875e+01
-4.48870132e+01 -4.55490460e+01 -3.80400578e+01 -3.71232582e+01
-4.40271696e+01 1.92771558e+01 -3.08864180e+01]
[ 0.00000000e+00 8.67652778e+01 -2.93978237e+01 4.07874577e+01
1.10537295e+02 1.38131173e+02 -1.12026433e+02 1.33687652e+02
-1.29097557e+00 -7.71620009e+01 -1.31958624e+01 1.53085554e+02
-6.94925057e+00 -5.62050353e+01 4.39881872e+01 -7.75775814e+01
-1.32956657e+02 -1.16118335e+02 -1.20629381e+02 -1.09741859e+02
-1.12992271e+02 4.16243393e+01 -1.02118105e+02]
[ 0.00000000e+00 2.00827620e+01 -1.08544783e+01 7.82392873e+00
3.00615279e+01 3.56295826e+01 -2.70534510e+01 3.83562026e+01
1.09946421e+00 -1.83150964e+01 -3.60019058e+00 3.79776734e+01
-2.76475577e-01 -1.41535022e+01 1.41563213e+01 -2.34778379e+01
-4.09294773e+01 -3.47169218e+01 -3.39970061e+01 -2.90759328e+01
-3.09743072e+01 1.09185037e+01 -2.30403351e+01]
[ 0.00000000e+00 -2.40747955e+01 3.84024654e+00 -1.27024095e+01
-2.99388183e+01 -3.73815344e+01 2.35505180e+01 -3.44034276e+01
-2.67017532e+00 2.22468465e+01 -1.10790855e+00 -3.60502493e+01
-3.37884277e-01 1.77719126e+01 -1.39660774e+01 1.86262000e+01
3.67637666e+01 3.17155529e+01 3.12942524e+01 2.38987382e+01
2.40172287e+01 -8.96513664e+00 2.83468731e+01]
[ 0.00000000e+00 -1.07932037e+01 1.99760753e+00 -2.25878572e+00
-1.78326101e+01 -2.00026807e+01 1.35744943e+01 -1.72328540e+01
-2.25601822e+00 5.95769564e+00 2.76428291e+00 -2.15912018e+01
1.11190590e+00 3.49209676e+00 -5.60139021e+00 1.08695863e+01
1.27277448e+01 1.34243915e+01 1.14363306e+01 9.75793247e+00
1.95543294e+01 -7.49250877e+00 1.60065830e+01]

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 1.92348371e+00 -3.77508493e+01 -1.09241401e+01  8.65007972e+01
 3.08870424e+00 -3.32226422e+01  1.90619187e+01 -4.31642253e+01
-7.36439009e+01 -6.16718863e+01 -6.88387036e+01 -5.80995399e+01
-6.63292339e+01  2.13443488e+01 -5.91518698e+01]
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-7.77109287e+01 -1.02157027e+02  8.25268343e+01 -9.65332993e+01
 5.42214458e-01  5.39891860e+01  7.20271903e+00 -1.05466456e+02
 1.68713658e+00  3.58299049e+01 -2.60014443e+01  5.72710811e+01
 9.58090432e+01  8.75167016e+01  8.48818716e+01  7.44438992e+01
 8.56134677e+01 -3.04007262e+01  6.98831074e+01]
[ 0.00000000e+00  7.60819958e+01 -2.54763779e+01  3.18154476e+01
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-4.54797286e+00 -5.98987681e+01 -1.52017823e+01  1.24478367e+02
 7.21115170e-01 -4.03898364e+01  3.28190812e+01 -6.37925415e+01
-1.13260037e+02 -9.22312149e+01 -9.96358733e+01 -9.07862444e+01
-9.01577704e+01  3.28246284e+01 -8.47367414e+01]
[ 0.00000000e+00 -4.28639039e+01  1.78478394e+01 -1.74565652e+01
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 5.64560500e+00  2.37399359e+01 -2.03312436e+01  4.13422410e+01
 6.84976066e+01  5.41413927e+01  6.28140099e+01  5.96237886e+01
 5.80312601e+01 -2.04144190e+01  5.47650582e+01]
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-5.44388236e+01 -6.42270100e+01  5.66257864e+01 -5.89385001e+01
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-2.65982638e+00  2.95769523e+01 -1.60628808e+01  3.86829006e+01
 6.37438582e+01  5.39673452e+01  5.06484649e+01  4.99186948e+01
 5.65322491e+01 -2.58226975e+01  4.54608990e+01]
[ 0.00000000e+00  2.10214268e+01 -3.33222892e+00  7.35030923e+00
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-1.04947009e+00 -2.11891344e+01 -6.21069145e+00  3.49258716e+01
-1.34808402e+00 -8.31693343e+00  8.33436023e+00 -1.81092540e+01
-2.95508157e+01 -3.18833819e+01 -2.54396522e+01 -2.85580948e+01
-2.16795355e+01  6.74108270e+00 -2.40101201e+01]
[ 0.00000000e+00  8.90438753e+01 -3.06429077e+01  3.71405116e+01
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-5.28534488e+00 -7.47498098e+01 -1.67467199e+01  1.42002968e+02
-1.53959549e+00 -5.51011656e+01  4.22954680e+01 -7.74882982e+01
-1.25470775e+02 -1.10592920e+02 -1.11240081e+02 -1.02580104e+02
-1.10499707e+02  3.85747443e+01 -9.06733127e+01]
[ 0.00000000e+00 -9.17219574e+01  3.06992622e+01 -3.74926375e+01
-1.16468024e+02 -1.48095260e+02  1.09107435e+02 -1.33876221e+02
 4.10330088e+00  7.23652092e+01  1.02510559e+01 -1.55768433e+02
 4.07296794e+00  4.98070726e+01 -4.64995553e+01  8.58649868e+01
 1.32039797e+02  1.19875238e+02  1.15995525e+02  1.07000319e+02
 1.12607323e+02 -4.27013455e+01  1.05003280e+02]
[ 0.00000000e+00 -6.79840474e+01  2.61017777e+01 -3.17685457e+01
-8.76039511e+01 -1.02145334e+02  7.84378127e+01 -1.04840305e+02
-1.06019985e+00  5.23313839e+01  6.46029988e+00 -1.12480578e+02
 9.56733723e-01  4.43496514e+01 -2.83146427e+01  5.97564237e+01
 9.77110812e+01  8.63993280e+01  8.87021902e+01  7.98485012e+01
 8.64958116e+01 -3.41591629e+01  7.56122169e+01]

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  2.63859680e+00 -1.17859878e+01 -6.64109419e+00  1.96041906e+01
  7.92977035e-02 -6.48410876e+00  3.66971797e+00 -1.54709191e+01
 -1.60160090e+01 -1.21006572e+01 -1.67258507e+01 -1.91766990e+01
 -1.87674231e+01  1.61599217e+00 -1.03817905e+01]
[ 0.00000000e+00  7.82705373e+01 -3.05281065e+01  3.39007601e+01
  1.00526494e+02  1.26124470e+02 -9.93694584e+01  1.11670796e+02
 -5.78528843e+00 -6.20571368e+01 -7.42684856e+00  1.32138271e+02
 -1.01186400e+00 -4.51415574e+01  3.32041732e+01 -6.68585131e+01
 -1.16703434e+02 -1.02573550e+02 -1.01443609e+02 -9.96444770e+01
 -1.02024059e+02  4.08729630e+01 -9.10951253e+01]
[ 0.00000000e+00 -2.34617877e+01  6.52141928e+00 -1.11151788e+01
 -2.81623192e+01 -3.09551405e+01  2.39944082e+01 -3.07905785e+01
  3.41812596e-01  1.94626673e+01  7.38144026e+00 -3.30696907e+01
 -2.30628815e+00  7.93890618e+00 -1.22137298e+01  2.01112556e+01
  2.67881609e+01  2.73283783e+01  2.83946310e+01  2.40095459e+01
  2.93403582e+01 -1.43214783e+01  1.92080888e+01]
[ 0.00000000e+00 -4.63129866e+01  1.87593891e+01 -2.05658292e+01
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 -9.92602260e-01  4.03361357e+01  5.27528683e+00 -8.23844196e+01
  5.37723115e+00  2.43012699e+01 -1.72572309e+01  4.18460572e+01
  6.60341411e+01  6.09540824e+01  6.44005496e+01  5.91019429e+01
  6.19781116e+01 -2.13908702e+01  5.38127146e+01]
[ 0.00000000e+00 -7.33067620e+01  2.57185025e+01 -3.32623170e+01
 -8.55739646e+01 -1.07765539e+02  8.34892688e+01 -1.04426009e+02
  6.22035787e+00  5.71510651e+01  1.08796934e+01 -1.15667425e+02
 -2.81792148e+00  4.47200044e+01 -3.53250798e+01  6.91069594e+01
  1.10580554e+02  9.70790620e+01  9.25866872e+01  9.05099936e+01
  9.35988794e+01 -3.69731444e+01  8.26959793e+01]]
[06-24 17:40:24][INFO]
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 -1.06289871e+00 -7.61639441e-01  3.82077323e-02 -2.63039418e-01
 -6.71734582e-01 -8.51831650e-01  3.17830623e-01 -8.73994473e-01
  2.18397660e-01 -7.94736220e-01 -1.38076342e-01  2.58060188e-01
 -8.96425552e-01 -1.83177933e-01 -7.13993197e-01 -9.16519535e-01
  1.52728752e+00 -5.60336744e-01  1.02544384e+00]
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 -2.25601822e+00  5.95769564e+00  2.76428291e+00 -2.15912018e+01
  1.11190590e+00  3.49209676e+00 -5.60139021e+00  1.08695863e+01
  1.27277448e+01  1.34243915e+01  1.14363306e+01  9.75793247e+00
  1.95543294e+01 -7.49250877e+00  1.60065830e+01]
[ 0.00000000e+00  0.00000000e+00  1.14143512e+01 -1.73699448e+01
  2.17866754e+01  2.26472867e+01  1.81123275e+00  1.18585091e+01
  2.12773670e+01  2.09826244e+01 -5.07687935e+00  2.62110465e+01
 -1.81761482e+00  1.65924817e+01  3.00722200e+00 -1.02647447e+01
  2.58509261e+01  5.10242300e+00  1.42222687e+01  2.35995280e+01
 -3.63225863e+01  1.23504155e+01 -2.91285516e+01]
[ 0.00000000e+00  0.00000000e+00 -5.14779335e+00  7.76495024e+00
 -2.15585180e+01 -1.88330986e+01  8.20560143e-01 -1.25477928e+01
 -1.04540803e+01 -1.04371270e+01  4.09575893e-01 -2.13731210e+01
  2.42592892e+00 -1.04204384e+01 -4.93979421e+00  6.87706956e+00
 -3.30638590e+00 -1.69252392e+00 -6.78387711e-01 -5.24479429e+00

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2.64875626e+01 4.39177975e+01 4.59906542e+00 4.16731950e+01
-7.91350680e+00 6.26198995e+00 1.00115123e+01 -1.54612099e+01
1.77021380e+01 2.05356231e+01 1.58880409e+01 4.00767296e+01
-7.71849464e+01 3.26050564e+01 -4.35467892e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 -6.47109719e+01
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1.07997184e+02 1.89651296e+02 8.49846251e+00 1.40274333e+02
-1.43087557e+01 3.69662738e+01 5.37599954e+01 -6.06383060e+01
9.82900340e+01 1.08022045e+02 7.30816573e+01 1.91516017e+02
-3.21230037e+02 1.54005631e+02 -1.45591484e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 -8.21322844e+01
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1.39988547e+02 2.25263865e+02 1.00960746e+01 1.86043169e+02
-2.81587562e+01 5.39790950e+01 5.87542602e+01 -7.13228262e+01
1.27743511e+02 1.30741952e+02 8.37942337e+01 2.32102768e+02
-3.96187613e+02 1.84764563e+02 -1.81929506e+02]]
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1.13193990e+01 1.41204506e+01 -1.60522555e+00 1.22692715e+01
-3.78262641e-01 -3.89496721e-01 3.46788764e+00 -1.06027648e+01
6.25300577e+00 1.34818718e+01 1.09078195e+00 1.05781755e+01
-3.26358173e+01 1.05339951e+01 -8.76394306e+00]
[ 0.00000000e+00 -1.07932037e+01 0.00000000e+00 0.00000000e+00
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-4.82401643e+01 -5.13053608e+01 1.02323625e+01 -7.19298262e+01
3.36994993e+00 2.01127668e+00 -1.93781187e+01 5.26219519e+01
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-3.75868695e-01 7.38648723e-02 2.71849224e+00 -9.07488527e+00
5.45489796e+00 1.10616762e+01 1.00604368e+00 8.41179396e+00
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1.76875294e+01 2.47392839e+01 -1.21876755e+00 2.04909454e+01
-1.40041200e+00 1.86511748e+00 6.21200731e+00 -1.42410413e+01
1.19887339e+01 1.97131290e+01 4.89534694e+00 2.10811904e+01
-5.12461359e+01 1.90443667e+01 -1.70298658e+01]
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3.26181561e+02 4.07022587e+02 -4.34990606e+01 3.60311420e+02

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-9.41977426e+02	3.05959361e+02	-2.60237623e+02]	
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-2.74335751e+02	-3.40579368e+02	3.69431820e+01	-2.97048777e+02
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5.90039100e+02	-1.86066143e+02	1.63377694e+02]	
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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-1.45785577e+02 -3.19885028e+02 -3.08969451e+01 -2.54085346e+02
7.78039225e+02 -2.54413733e+02 2.06474340e+02]
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-9.14530634e+02 2.91000822e+02 -2.35966549e+02]
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1.12604590e+01 8.46064361e+00 -9.85291618e+01 2.91759200e+02
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8.87253924e+02 -2.85532141e+02 2.39520266e+02]
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-1.08314959e+01 -8.25898694e+00 1.02107838e+02 -3.20781762e+02
1.92956432e+02 4.12286366e+02 3.51594564e+01 3.19425068e+02
-1.00274393e+03 3.23550529e+02 -2.72244842e+02]
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1.85057480e+02 -6.48508953e+01 4.36003344e+01]
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6.36406937e+02 -2.01876610e+02 1.72645762e+02]
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5.05603934e+00 9.74247320e+00 -8.85813474e+01 2.66444400e+02
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[06-24 17:40:24][INFO]
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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6.37654818e+01	-2.51678101e+01	2.22354361e+01]	
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-5.52518206e+01	-1.07871280e+01	1.40799701e+01]	
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2.35615420e+01	7.67450682e+00	-2.27756552e+01	-1.40823546e+02
-1.31206022e+02	-1.40467006e+01	2.24836120e+01]	
[0.00000000e+00	0.00000000e+00	1.77635684e-15	0.00000000e+00
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8.59526050e+00	-3.52836659e+01	2.75942217e+01	5.86441302e+01
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8.24899351e+01	1.17589827e+01	-1.50917198e+01]	
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1.51577816e+01	1.45712805e+01	-9.95944786e+00	-5.57840279e+01
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1.11814801e+01	-5.72018463e+01	4.87119398e+01	8.66942221e+01
-2.10442506e+01	-3.84385504e+00	1.67018994e+01	1.13952483e+02
1.18869303e+02	1.17996314e+01	-2.16624863e+01]	
[0.00000000e+00	0.00000000e+00	1.77635684e-15	0.00000000e+00
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-1.00001045e+02	-1.57737925e+01	2.45343616e+01]	
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7.45406594e+00	1.34299403e+01	8.32108392e+01	-5.14074058e+01
1.23890851e+01	-4.30708528e+01	3.53326614e+01	6.81720472e+01
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8.45221095e+01	1.34580395e+01	-1.28993512e+01]	
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1.00642106e+02	1.29503886e+01	-2.97384179e+01]	
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-1.47987254e+02	-1.15487333e+01	3.13320873e+01]	
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-1.43946321e+02 -1.54111568e+01 2.72234417e+01]
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-4.11681917e+01 -1.78751636e+02 3.77012249e+00 4.92584557e+01
-9.21664990e+01 -2.22032496e+01 4.01319756e+01 1.06815914e+02
 1.45470114e+01 -6.85235363e+00 -9.87905052e+01]
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 8.35931309e+00 4.18079237e+00 -1.71645413e+01 -2.54595358e+01
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-7.97725263e+01 -5.92295612e+00 4.90971015e+01 1.17055241e+02
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 4.92733629e+01 1.34645044e+01 -3.90306100e+01 -9.15556576e+01
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-9.36976368e+01 -2.23867991e+01 4.35172465e+01 1.30232780e+02
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2.27956296e+02  1.88642032e+02 -2.42708633e+02 -6.98886699e+02
1.86430964e+02 -3.65304545e+01  5.05346254e+02]
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1.29210357e+01 -9.51966088e+00 -4.55929374e+00  4.83241607e+00
-6.30665760e+00 -1.99276842e+00 -1.89545407e+00]
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4.69057641e+02 -8.71072206e+01  1.34352751e+03]
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2.59015874e+02  1.99835732e+02 -2.92878854e+02 -8.24342971e+02
2.27498846e+02 -4.22959830e+01  5.90860644e+02]
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-3.96176187e+02 -3.16456845e+02 -1.92602789e+03 -6.40410490e+01
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 6.65206141e+02  4.57438599e+02 -6.76117896e+02 -1.88199805e+03
 4.87113886e+02 -9.01836238e+01  1.38556969e+03]]
[06-24 17:40:24][INFO]
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-1.63637906e+01  3.25072767e-01 -3.29758920e+01]
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-1.34457643e+03 -1.34211269e+03  6.07462504e+02  8.43656740e+02

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-1.54352368e+02	-7.56320079e+02	4.74240777e+02	1.98756689e+03
-6.86121327e+02	-3.67498119e+00	-1.38668240e+03]	
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0.00000000e+00	-2.68325801e+00	7.82493353e+01	1.52892625e+01
-5.83242409e+01	-5.61607196e+01	2.67205840e+01	3.56993572e+01
-4.62663253e+00	-3.40585545e+01	2.09810049e+01	8.57764880e+01
-3.12063406e+01	9.20102366e-01	-5.90791765e+01]	
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5.60451609e+02	5.68787112e+02	-2.56547088e+02	-3.52803177e+02
7.17529550e+01	3.24806582e+02	-1.94963643e+02	-8.28711793e+02
2.82097467e+02	9.44489217e-02	5.80499784e+02]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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4.76173694e+02	2.49745024e+03	-1.52508096e+03	-6.41207682e+03
2.25108523e+03	-4.53919734e+01	4.47347671e+03]	
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-4.05810112e+02	-3.74148044e+02	1.87812827e+02	2.41257740e+02
-2.52538301e+00	-2.25860462e+02	1.55791516e+02	6.10553605e+02
-2.49749132e+02	2.60862459e+01	-3.93762404e+02]	
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1.38311096e+02	-3.02461624e+00	2.68841880e+02]	
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-1.00447072e+01	-1.02491843e-01	-2.17242239e+01]	
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-6.30665760e+00	-1.99276842e+00	-1.89545407e+00]	
[0.00000000e+00	0.00000000e+00	-1.77635684e-15	0.00000000e+00
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7.02372840e+02	-1.33846263e+01	1.41364995e+03]	
[0.00000000e+00	0.00000000e+00	1.77635684e-15	0.00000000e+00
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3.32794289e+02	-9.02488339e+00	6.22506991e+02]	
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-6.45845326e+02	6.54103783e+00	-1.28863825e+03]	
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7.23955690e+02	-1.93359991e+01	1.41557851e+03]	
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-1.94910957e+02 6.95547261e+00 -3.82625045e+02]
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1.40160148e+03 1.41323632e+03 -6.41165919e+02 -8.68141544e+02
1.68979185e+02 8.23037181e+02 -5.01020133e+02 -2.06758496e+03
7.29318425e+02 -1.36521887e+01 1.45836381e+03]]
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5.38585568e+01 2.28756936e+02 -1.58577487e+02 -6.38361250e+02
2.21265251e+02 -8.15481116e+00 4.33508005e+02]
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4.93003782e+03 -2.04089785e+02 9.63826550e+03]
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9.71951876e+01 4.04517879e+02 -2.79753200e+02 -1.12740487e+03
3.89426528e+02 -1.40903437e+01 7.66655163e+02]
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-3.18741657e+03 1.23905394e+02 -6.23042036e+03]
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-2.07223759e+04 7.74424841e+02 -4.06251762e+04]
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1.40349734e+03 -3.29104917e+01 2.85168627e+03]
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1.14044712e+02	-4.53067057e+00	2.21872750e+02]	
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1.47830997e+03	-5.49718849e+01	2.91251999e+03]	
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-1.94910957e+02	6.95547261e+00	-3.82625045e+02]	
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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-3.65076804e+03	1.33130073e+02	-7.19752907e+03]	
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5.75862706e+03	-2.22005027e+02	1.12838285e+04]	
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1.16542867e+04	-4.44511167e+02	2.28166354e+04]	
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6.07973770e+02 2.64734257e+03 -1.84289301e+03 -7.40282594e+03
2.57671453e+03 -9.46580297e+01 5.01656492e+03]
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-3.55271368e-15 8.88178420e-16 -3.02130775e+03 -5.19726139e+02
2.15620639e+03 2.29707749e+03 -1.01052623e+03 -1.39445791e+03
3.08392578e+02 1.18875345e+03 -8.18182169e+02 -3.33134440e+03
1.12413074e+03 -2.43802484e+01 2.27103834e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
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0.00000000e+00 7.10542736e-15 -1.78352049e+04 -3.09448194e+03
1.27807576e+04 1.34839374e+04 -5.99038250e+03 -8.20627908e+03
1.65046098e+03 7.06215428e+03 -4.90511994e+03 -1.97221944e+04
6.84269160e+03 -2.57735939e+02 1.33935647e+04]
[ 0.00000000e+00 0.00000000e+00 -1.77635684e-15 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 1.08046836e+04 1.87279556e+03
-7.74197196e+03 -8.18159731e+03 3.62893610e+03 4.97185139e+03
-1.01346412e+03 -4.27466803e+03 2.96816121e+03 1.19390104e+04
-4.13256158e+03 1.47671128e+02 -8.11535546e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
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0.00000000e+00 0.00000000e+00 1.74372730e+04 3.01251967e+03
-1.24915092e+04 -1.31944509e+04 5.86320053e+03 8.03333753e+03
-1.62418263e+03 -6.90063651e+03 4.79514420e+03 1.92974868e+04
-6.67835508e+03 2.50693495e+02 -1.30834631e+04]]
[06-24 17:40:24][INFO]
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1.62951140e+00 -2.31651140e+00 -8.79009271e-01 7.36129738e-01
-5.06746033e+00 1.61623576e+00 -2.24358098e+00 -1.82564236e+00
6.47231645e+00 -3.49636270e+00 -4.29947667e-01]
[ 0.00000000e+00 -1.07932037e+01 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
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2.71856681e+01 -2.71290024e+01 -3.02943400e+01 1.97799946e+01
-1.05167384e+02 4.86022154e+01 -6.47501101e+01 -5.61302313e+01
1.53795140e+02 -1.00502204e+02 -1.09949457e+01]
[ 0.00000000e+00 0.00000000e+00 5.58419449e-01 0.00000000e+00
0.00000000e+00 -4.44089210e-16 -2.22044605e-16 0.00000000e+00

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-7.05557713e+00	2.66496517e+00	-3.17028956e+00	-1.25844227e+00
9.41904121e+00	-5.84870714e+00	-1.05943197e+00]	
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-2.63343930e+01	3.41064504e+01	1.52850739e+01	-1.24025191e+01
7.86476993e+01	-2.87510261e+01	3.91049729e+01	3.11217096e+01
-1.00890506e+02	5.69645398e+01	5.17021747e+00]	
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-1.28157567e+02	1.49073666e+02	7.79100333e+01	-8.09708903e+01
4.40322175e+02	-1.57815199e+02	2.41047111e+02	1.61771590e+02
-5.81974825e+02	3.37618013e+02	6.37059588e+01]	
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-7.52669250e+00	-2.30807569e+00	1.04836683e+00]	
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0.00000000e+00	0.00000000e+00	0.00000000e+00	2.57214285e+00
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2.69962295e+01	-9.06551681e+00	1.24885165e+01	9.03430500e+00
-3.34949857e+01	2.07338831e+01	3.59036105e+00]	
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-3.08978200e+00	9.20790332e-01	-1.39495134e+00	-1.40023940e+00
4.09354618e+00	-2.14603982e+00	-2.57384420e-01]	
[0.00000000e+00	0.00000000e+00	1.77635684e-15	0.00000000e+00
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3.43352530e+01	-2.36548315e+01	-4.68691181e+00]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	1.77635684e-15	0.00000000e+00
0.00000000e+00	-1.24335596e+00	5.68434189e-14	1.33490187e+00
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4.82654381e+00	-2.75050550e+00	1.37208395e+00	3.50268290e-01
-5.33407226e+00	2.84391211e+00	3.69886060e-01]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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-3.55271368e-15	8.88178420e-16	-3.02130775e+03	-5.19726139e+02
2.15620639e+03	2.29707749e+03	-1.01052623e+03	-1.39445791e+03
3.08392578e+02	1.18875345e+03	-8.18182169e+02	-3.33134440e+03
1.12413074e+03	-2.43802484e+01	2.27103834e+03]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00

0.00000000e+00	0.00000000e+00	0.00000000e+00	2.93620621e+01
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1.90389816e+02	-6.62783735e+01	8.65815501e+01	7.18102210e+01
-2.40153248e+02	1.31881407e+02	1.94680486e+01]	
[0.00000000e+00	0.00000000e+00	1.77635684e-15	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	6.88687506e+00
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5.70714818e+01	-2.45471895e+01	3.64234781e+01	1.88164752e+01
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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1.64414322e+02	-1.00677239e+02	-1.79455302e+01]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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-2.66192305e+02	9.23710334e+01	-1.27968295e+02	-1.00578419e+02
3.48308860e+02	-1.99306104e+02	-2.43992950e+01]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	1.43361455e+01
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1.41618800e+02	-4.69195098e+01	6.91947063e+01	5.42915398e+01
-1.90987077e+02	1.09522252e+02	1.25325598e+01]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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1.74117022e+02	-5.03227206e+01	8.01644620e+01	7.41240475e+01
-2.30761366e+02	1.27968446e+02	1.80854176e+01]	
[0.00000000e+00	-1.42108547e-14	-1.77635684e-15	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-2.22044605e-16
0.00000000e+00	0.00000000e+00	0.00000000e+00	-6.23365715e+00
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-7.44644667e+01	1.67643267e+01	-3.23475033e+01	-3.09338899e+01
8.91391106e+01	-4.07072706e+01	-8.98857126e+00]	
[0.00000000e+00	7.10542736e-15	0.00000000e+00	0.00000000e+00
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1.31762931e+02	-7.37932710e+01	-1.34647897e+01]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-7.10542736e-15	0.00000000e+00	0.00000000e+00
0.00000000e+00	7.10542736e-15	0.00000000e+00	-2.64653934e+01
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-1.70023819e+02	4.47753534e+01	-7.52754403e+01	-5.67995259e+01
2.06789654e+02	-1.13815902e+02	-1.26942778e+01]	
[0.00000000e+00	0.00000000e+00	-1.77635684e-15	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00

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8.93974619e+01 -2.34940327e+01 4.22098570e+01 2.55857332e+01
-1.12488828e+02 6.04834286e+01 6.24379234e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 -1.77635684e-15
0.00000000e+00 0.00000000e+00 0.00000000e+00 1.29554670e+01
-4.71100462e+01 6.29762668e+01 3.10168390e+01 -1.46818473e+01
1.55684247e+02 -3.98264980e+01 7.30612342e+01 7.08582196e+01
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[06-24 17:40:24][INFO]
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0.00000000e+00 2.22044605e-16 0.00000000e+00 0.00000000e+00
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-3.66035496e+00 1.13093719e+00 5.91806290e-01]
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1.82292544e+00 1.10004912e+01 -2.30356011e+01 8.75279662e+00
-2.89195459e+01 3.14363950e+01 -3.16279070e+01 -2.44554966e+01
6.25212108e+01 -5.88200234e+01 -1.79110449e+00]
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0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
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[ 0.00000000e+00 0.00000000e+00 2.22044605e-16 -3.46288558e+00
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0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
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0.00000000e+00 0.00000000e+00 0.00000000e+00 -3.55271368e-15
-1.31274142e+01 -2.38587938e+01 4.49887577e+01 -3.09581497e+01
9.45078219e+01 -7.99613579e+01 9.08247103e+01 1.81140362e+01
-1.68011156e+02 1.48572699e+02 2.19628685e+01]
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1.32524542e+01 5.16876758e+00 1.94881977e+00 2.49522627e+01
-1.07324909e+01 -8.44079674e-01 1.37163175e+00]
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0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
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-3.72943295e+00 -2.14819014e+00 -8.58768568e-01 -3.72969241e+00
3.28575470e+00 3.93717576e+00 -1.18519418e-01]
[ 0.00000000e+00 7.10542736e-15 0.00000000e+00 0.00000000e+00

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-2.53634703e+00	8.81641913e-01	4.11157897e-01]	
[0.00000000e+00	0.00000000e+00	1.77635684e-15	0.00000000e+00
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2.73622059e+00	5.46135732e+00	-3.47544797e+00	1.31661442e+01
2.52320204e+00	-9.12718193e+00	-1.47906192e+00]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	1.77635684e-15	0.00000000e+00
0.00000000e+00	-1.24335596e+00	5.68434189e-14	0.00000000e+00
3.37756890e+00	-4.94594248e+00	-7.93219286e-01	1.35650379e+00
-1.11195939e+01	8.39478744e-01	-5.55494805e+00	-6.27404652e+00
1.37545562e+01	-5.87331603e+00	-1.55496484e+00]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
5.68434189e-14	0.00000000e+00	-3.55271368e-15	0.00000000e+00
-3.55271368e-15	8.88178420e-16	-3.02130775e+03	0.00000000e+00
9.10668051e+01	5.40173884e+03	-4.19489637e+02	-2.29233806e+03
6.51680745e+03	-2.08958768e+02	1.87876484e+03	-7.52256265e+02
-6.30777074e+03	3.36955562e+03	3.02045322e+03]	
[0.00000000e+00	-1.42108547e-14	-1.77635684e-15	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-2.22044605e-16
0.00000000e+00	0.00000000e+00	0.00000000e+00	-6.23365715e+00
2.47695299e+01	-3.72376776e+01	-7.08896322e+00	1.07692813e+01
-7.44644667e+01	1.67643267e+01	-3.23475033e+01	-3.09338899e+01
8.91391106e+01	-4.07072706e+01	-8.98857126e+00]	
[0.00000000e+00	0.00000000e+00	1.77635684e-15	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
1.18164115e+01	-2.01692387e+01	-3.12177041e+00	-1.99851478e+00
-2.51960325e+01	-6.02614798e+00	6.86316357e-01	-1.53589422e+01
1.29313729e+01	1.08343327e+01	-4.78290124e+00]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	1.81898940e-12	0.00000000e+00
2.07587335e+00	9.88421659e+00	-1.52167464e+01	9.64104431e+00
-1.24069418e+01	2.50656416e+01	-2.53286830e+01	2.43860944e+00
4.19125653e+01	-4.47342063e+01	-5.59275079e+00]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-1.42108547e-14	0.00000000e+00	0.00000000e+00
-4.73035721e+01	8.12718310e+01	-1.22613739e+01	-1.32604942e+01
1.27822311e+02	3.66577553e+00	4.31923898e+01	6.31023981e+01
-1.23353853e+02	1.60887047e+01	2.31620266e+01]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
1.62054726e+01	-2.72505765e+01	9.48999455e+00	9.13605362e+00
-2.96343507e+01	-8.36496313e+00	-5.19798196e+00	-1.68501247e+01
1.40147739e+01	1.59037973e+01	-8.13932863e+00]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00

```

-5.68434189e-14  0.00000000e+00  0.00000000e+00  0.00000000e+00
0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
2.96509911e+01 -4.96506129e+01  1.60464790e+01  8.36508085e+00
-7.83721484e+01  6.52064526e+00 -2.95173047e+01 -3.07645329e+01
7.14856124e+01 -1.00590644e+01 -1.23924331e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
5.84683403e+01 -8.81947460e+01  4.40894894e+00  2.30929439e+01
-1.60356182e+02  1.26857384e+01 -6.57831659e+01 -7.38960274e+01
1.79713941e+02 -5.98598745e+01 -2.28703382e+01]
[ 0.00000000e+00  7.10542736e-15  0.00000000e+00  0.00000000e+00
0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
0.00000000e+00  0.00000000e+00  0.00000000e+00  8.88178420e-16
7.50306741e+00  3.73855327e+00 -1.58068338e+01  5.93422565e+00
-1.28082581e+01  8.16156210e+00 -1.54332885e+01 -1.15658072e+01
2.87216060e+01 -2.67372586e+01 -3.07435297e+00]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
0.00000000e+00 -7.10542736e-15  0.00000000e+00  0.00000000e+00
0.00000000e+00  7.10542736e-15  0.00000000e+00  0.00000000e+00
-5.27928600e+01  8.20606022e+01  4.99271714e+00 -2.03194457e+01
1.46119876e+02 -2.63986765e+01  6.20579711e+01  7.45322987e+01
-1.71656189e+02  5.90094407e+01  2.54672812e+01]
[ 0.00000000e+00  0.00000000e+00 -1.77635684e-15  0.00000000e+00
0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
0.00000000e+00  0.00000000e+00  0.00000000e+00 -1.77635684e-15
2.52787858e+01 -5.15309588e+01 -9.84103023e-01  9.52708494e+00
-7.98840189e+01  1.46166282e+01 -3.13263342e+01 -4.47368640e+01
9.01527989e+01 -3.20571797e+01 -1.41900967e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
0.00000000e+00  0.00000000e+00  0.00000000e+00 -1.77635684e-15
0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
4.36869587e+00 -1.44151413e+01  1.62837815e+01  7.70004924e+00
9.24060324e-01 -4.98504358e+00  5.83312032e+00  6.56803143e+00
-5.25204930e+00  2.53822477e+01  4.99977046e+00]]
[06-24 17:40:24][INFO]
[[ 1.39894892e-01  0.00000000e+00  0.00000000e+00  0.00000000e+00
0.00000000e+00  4.44089210e-16 -1.11022302e-16  0.00000000e+00
0.00000000e+00  2.22044605e-16  0.00000000e+00  0.00000000e+00
0.00000000e+00  7.56399703e+00 -8.76767530e+00  5.02062111e+00
-3.69192456e+00  1.40325027e+01 -1.30387638e+01  3.08405565e+00
2.02874871e+01 -2.44291234e+01 -2.60375838e+00]
[ 0.00000000e+00 -1.07932037e+01  0.00000000e+00  0.00000000e+00
0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
5.68434189e-14  0.00000000e+00  0.00000000e+00  8.88178420e-16
0.00000000e+00  2.32067952e+00 -9.67303536e+00  2.86526316e-01
-1.80244064e+01  9.42503492e+00 -9.38555745e+00 -2.65969583e+01
2.57157470e+01 -1.95367393e+01  3.12016222e+00]
[ 0.00000000e+00  0.00000000e+00  5.58419449e-01  0.00000000e+00
0.00000000e+00 -4.44089210e-16 -2.22044605e-16  0.00000000e+00
0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
0.00000000e+00  1.49970227e+01 -1.81640637e+01  1.14390861e+01
-9.44604521e+00  3.00543092e+01 -2.82468399e+01  6.90208154e+00
4.49042663e+01 -5.29092899e+01 -6.28496538e+00]

```



```

[ 0.00000000e+00 0.00000000e+00 2.22044605e-16 -3.46288558e+00
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 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
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 6.52244661e+01 -2.63201527e+02 2.45867733e+02 -5.54089428e+01
 -3.73346579e+02 4.54274272e+02 4.72126989e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
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 0.00000000e+00 0.00000000e+00 0.00000000e+00 -3.55271368e-15
 0.00000000e+00 3.86470451e+01 -5.12389495e+01 3.00099155e+01
 1.60487657e+01 7.85488228e+01 -6.93488925e+01 3.35353220e+01
 9.70356514e+01 -1.34317611e+02 -1.34045859e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 -1.17711953e+01 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 -4.54747351e-13 0.00000000e+00
 -1.77635684e-15 6.36877648e+01 -8.70169904e+01 6.27821524e+01
 -6.16492505e+01 1.56492061e+02 -1.50962475e+02 3.96743438e+01
 2.42297034e+02 -2.70908078e+02 -3.23922542e+01]
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 0.00000000e+00 -2.12716966e+01 3.16483565e+01 -1.81965087e+01
 1.94534119e+01 -4.89842993e+01 4.64688436e+01 -8.28632733e+00
 -7.50294750e+01 8.75247497e+01 1.03317491e+01]
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 0.00000000e+00 0.00000000e+00 0.00000000e+00 -1.85835427e-01
 0.00000000e+00 0.00000000e+00 0.00000000e+00 5.55111512e-17
 0.00000000e+00 5.05056923e+00 -5.66966798e+00 3.17871057e+00
 -2.03645925e+00 8.73515292e+00 -8.14537471e+00 1.78208681e+00
 1.26150658e+01 -1.52897955e+01 -1.61062425e+00]
[ 0.00000000e+00 0.00000000e+00 1.77635684e-15 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 -1.03158577e+01 0.00000000e+00 0.00000000e+00 0.00000000e+00
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 -3.74739899e+01 8.66977122e+01 -8.55643054e+01 2.10695422e+01
 1.38359502e+02 -1.54108264e+02 -1.96048571e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 1.77635684e-15 0.00000000e+00
 0.00000000e+00 -1.24335596e+00 5.68434189e-14 0.00000000e+00
 0.00000000e+00 -2.10281483e+01 2.39653284e+01 -1.43300463e+01
 9.06723522e+00 -3.99438048e+01 3.56563194e+01 -1.02418085e+01
 -5.44396699e+01 6.69118872e+01 7.54477195e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
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 -3.55271368e-15 8.88178420e-16 -3.02130775e+03 0.00000000e+00
 0.00000000e+00 4.96812664e+03 2.48056134e+02 -2.71528250e+03
 7.06108948e+03 -1.30856723e+03 2.98991270e+03 -8.59235994e+02
 -8.14643947e+03 5.33200735e+03 3.26580246e+03]
[ 0.00000000e+00 -1.42108547e-14 -1.77635684e-15 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 -2.22044605e-16
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 7.35764125e+01 -2.82321434e+02 2.69876894e+02 -6.00316234e+01
 -4.10965839e+02 4.93065785e+02 5.77446945e+01]

```

```
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0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 1.81898940e-12 0.00000000e+00
2.07587335e+00 9.88421659e+00 -1.52167464e+01 9.64104431e+00
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4.19125653e+01 -4.47342063e+01 -5.59275079e+00]
[ 0.00000000e+00 0.00000000e+00 1.77635684e-15 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 -7.64327723e+01 8.34959110e+01 -5.68778485e+01
4.54275098e+01 -1.48706305e+02 1.44863773e+02 -2.92401419e+01
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[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 -1.42108547e-14 0.00000000e+00 0.00000000e+00
0.00000000e+00 3.06506550e+02 -3.59010110e+02 2.06432983e+02
-1.54898533e+02 5.74844352e+02 -5.33980193e+02 1.18671750e+02
8.31720814e+02 -1.00328358e+03 -1.04281726e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 -1.04412510e+02 1.28280752e+02 -6.61275356e+01
6.72214402e+01 -2.04041914e+02 1.92532423e+02 -3.58873258e+01
-3.13179044e+02 3.65124984e+02 3.55209311e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
-5.68434189e-14 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 -1.90833030e+02 2.33396739e+02 -1.29343956e+02
9.88439233e+01 -3.51507515e+02 3.32268040e+02 -6.55967093e+01
-5.27177643e+02 6.28907447e+02 6.74923073e+01]
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0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 -3.66590216e+02 4.32998634e+02 -2.48453419e+02
1.89093506e+02 -6.93304568e+02 6.47615874e+02 -1.42581068e+02
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[ 0.00000000e+00 7.10542736e-15 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 8.88178420e-16
0.00000000e+00 -3.19871056e+01 3.91927999e+01 -2.89125077e+01
3.20355762e+01 -8.24360644e+01 7.61150788e+01 -2.03799533e+01
-1.22767791e+02 1.34950720e+02 1.71401684e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 -7.10542736e-15 0.00000000e+00 0.00000000e+00
0.00000000e+00 7.10542736e-15 0.00000000e+00 0.00000000e+00
0.00000000e+00 3.33432422e+02 -3.81994071e+02 2.24868104e+02
-1.69408978e+02 6.11061652e+02 -5.82091931e+02 1.36550132e+02
8.94249005e+02 -1.07865471e+03 -1.16765533e+02]
[ 0.00000000e+00 0.00000000e+00 -1.77635684e-15 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 -1.77635684e-15
3.55271368e-15 -1.71895235e+02 1.84316639e+02 -1.07875980e+02
7.12005469e+01 -2.90618267e+02 2.77111727e+02 -7.44328401e+01
-4.20234195e+02 5.12690128e+02 5.39151896e+01]
```

[0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 -1.77635684e-15
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 -3.52165723e+01 4.83075738e+01 -1.25896233e+01
2.70345913e+01 -5.77359328e+01 5.91375827e+01 1.43595390e+00
-9.34574548e+01 1.19525825e+02 1.67697695e+01]]

[06-24 17:40:24][INFO]

[[1.39894892e-01 0.00000000e+00 0.00000000e+00 0.00000000e+00
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0.00000000e+00 2.22044605e-16 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 5.00253635e-01 -1.81632516e+00
3.88353432e+00 -5.46116934e+00 4.96018350e+00 -1.73519583e+00
-8.74343603e+00 7.48269921e+00 1.44938053e+00]
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0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
5.68434189e-14 0.00000000e+00 0.00000000e+00 8.88178420e-16
0.00000000e+00 0.00000000e+00 -6.82957935e+00 -1.81108968e+00
-1.57002103e+01 3.44425977e+00 -3.86337278e+00 -2.80755334e+01
1.68088862e+01 -9.74600134e+00 4.36368947e+00]
[0.00000000e+00 0.00000000e+00 5.58419449e-01 0.00000000e+00
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0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 2.11319125e-01 -2.11642406e+00
5.57370273e+00 -8.59550007e+00 7.43940120e+00 -2.65297563e+00
-1.26549068e+01 1.03617991e+01 1.75113194e+00]
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0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 -1.29596254e+01 3.61659951e+01
-7.91393820e+01 1.08285079e+02 -9.71342346e+01 3.64304694e+01
1.79889317e+02 -1.53862290e+02 -3.00270749e+01]
[0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
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0.00000000e+00 0.00000000e+00 0.00000000e+00 -3.55271368e-15
0.00000000e+00 0.00000000e+00 -3.88593410e+00 -4.92237883e+00
5.47543733e+01 -2.10510077e+01 2.26138789e+01 8.91211960e+00
-5.12932535e+01 2.87307942e+01 7.30428555e+00]
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0.00000000e+00 0.00000000e+00 -4.54747351e-13 0.00000000e+00
-1.77635684e-15 0.00000000e+00 -8.98236445e+00 5.21605017e+00
2.13502139e+00 -7.64184851e+00 5.86067274e-01 -9.03059127e-01
-2.13915511e+00 -2.21513084e+00 1.73459126e+00]
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0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 5.58481200e+00 1.03055423e+00
-1.85051809e+00 5.83638294e+00 -4.14832965e+00 5.26651455e+00
6.61214754e+00 -2.21862386e+00 -1.06660824e+00]
[0.00000000e+00 7.10542736e-15 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 -1.85835427e-01
0.00000000e+00 0.00000000e+00 0.00000000e+00 5.55111512e-17
0.00000000e+00 0.00000000e+00 5.18636509e-01 -1.38639838e+00
3.02176319e+00 -4.28099976e+00 3.87273281e+00 -1.43578374e+00

-6.76922094e+00	6.01810147e+00	1.09570398e+00]	
[0.00000000e+00	0.00000000e+00	1.77635684e-15	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-1.03158577e+01	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	8.07608055e+00	1.34249430e+00
5.14247250e+00	-2.29657888e+01	1.56904800e+01	-6.04161412e+00
-2.49567094e+01	2.54147206e+01	3.19646023e+00]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	1.77635684e-15	0.00000000e+00
0.00000000e+00	-1.24335596e+00	5.68434189e-14	0.00000000e+00
0.00000000e+00	0.00000000e+00	-1.79980393e+00	4.67687815e+00
-1.19927774e+01	1.42492131e+01	-1.43813171e+01	3.15586135e+00
2.62672044e+01	-2.18039778e+01	-3.72308099e+00]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
5.68434189e-14	0.00000000e+00	-3.55271368e-15	0.00000000e+00
-3.55271368e-15	8.88178420e-16	-3.02130775e+03	0.00000000e+00
0.00000000e+00	0.00000000e+00	6.33534629e+03	-7.20587323e+03
1.20367444e+04	-1.41122517e+04	1.48118435e+04	-4.02457987e+03
-2.72143082e+04	2.62920865e+04	5.92795414e+03]	
[0.00000000e+00	-1.42108547e-14	-1.77635684e-15	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-2.22044605e-16
0.00000000e+00	0.00000000e+00	0.00000000e+00	-6.23365715e+00
0.00000000e+00	0.00000000e+00	-1.56549146e+01	3.59929011e+01
-8.18358755e+01	1.17595749e+02	-9.93756669e+01	3.88364337e+01
1.84610252e+02	-1.61612625e+02	-2.54063862e+01]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	1.81898940e-12	0.00000000e+00
2.07587335e+00	0.00000000e+00	-3.10592502e+00	7.06897777e-01
-2.50774750e+00	-4.07620161e-01	-1.80864552e+00	-3.85892417e+00
3.97654661e+00	-3.03358618e+00	-2.96331088e-01]	
[0.00000000e+00	7.10542736e-15	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	8.88178420e-16
0.00000000e+00	-3.19871056e+01	3.91927999e+01	-2.89125077e+01
3.20355762e+01	-8.24360644e+01	7.61150788e+01	-2.03799533e+01
-1.22767791e+02	1.34950720e+02	1.71401684e+01]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-1.42108547e-14	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	1.65427783e+01	-7.06121841e+01
1.52072472e+02	-2.15073749e+02	1.95369018e+02	-7.66128517e+01
-3.44663587e+02	2.89839972e+02	5.99586381e+01]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	3.47369516e-01	2.82488526e+01
-3.73492876e+01	6.50464017e+01	-5.59228921e+01	3.06370450e+01
8.75603451e+01	-7.53819974e+01	-2.04281134e+01]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-5.68434189e-14	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	-4.25003619e-01	4.31462201e+01
-9.22782794e+01	1.40300783e+02	-1.21829662e+02	5.59887914e+01

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2.05247161e+02 -1.76199932e+02 -3.47648430e+01]
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0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 -1.61728906e+01 8.29001769e+01
-1.78052211e+02 2.51459084e+02 -2.24705727e+02 9.09846561e+01
4.06206849e+02 -3.46502617e+02 -6.17827956e+01]
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0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 -1.01547739e+01 1.22082122e+01
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6.77061793e+01 -5.69899078e+01 -1.39037170e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
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0.00000000e+00 7.10542736e-15 0.00000000e+00 0.00000000e+00
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-3.85477968e+02 3.28066670e+02 6.19029564e+01]
[ 0.00000000e+00 0.00000000e+00 -1.77635684e-15 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
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2.39506594e+02 -2.12520398e+02 -3.81942155e+01]
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0.00000000e+00 0.00000000e+00 0.00000000e+00 -1.77635684e-15
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 5.15780949e+00 1.92419351e+01
-8.23534523e+00 3.30230016e+01 -2.46621897e+01 2.38734982e+01
4.17051582e+01 -2.90497241e+01 -2.10089626e+00]]
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0.00000000e+00 2.22044605e-16 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 -4.24980504e+01
5.76709740e+01 -9.91357648e+01 8.54958343e+01 -4.58562037e+01
-1.34840802e+02 1.16041788e+02 3.08683063e+01]
[ 0.00000000e+00 -1.07932037e+01 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
5.68434189e-14 0.00000000e+00 0.00000000e+00 8.88178420e-16
0.00000000e+00 0.00000000e+00 0.00000000e+00 5.53585315e+02
-7.50018887e+02 1.28231170e+03 -1.10335487e+03 5.74274761e+02
1.73831955e+03 -1.49182002e+03 -3.97270350e+02]
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0.00000000e+00 -4.44089210e-16 -2.22044605e-16 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 -1.93013599e+01
2.82948064e+01 -4.81658944e+01 4.14595904e+01 -2.12907469e+01
-6.59214564e+01 5.62197603e+01 1.41783913e+01]
[ 0.00000000e+00 0.00000000e+00 2.22044605e-16 -3.46288558e+00
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0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 1.09007122e+03

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0.00000000e+00	0.00000000e+00	0.00000000e+00	3.11090324e+02
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9.28221976e+02	-8.14548368e+02	-2.21219805e+02]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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0.00000000e+00	0.00000000e+00	-4.54747351e-13	0.00000000e+00
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2.26201730e+03	-1.95146094e+03	-5.26500478e+02]	
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-4.53138634e+02
5.98630353e+02	-1.03994314e+03	8.94948524e+02	-4.87298691e+02
-1.40113391e+03	1.20973080e+03	3.27365128e+02]	
[0.00000000e+00	7.10542736e-15	0.00000000e+00	0.00000000e+00
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5.87857357e+01	-1.01397866e+02	8.73678358e+01	-4.71781110e+01
-1.37500300e+02	1.18566423e+02	3.15956902e+01]	
[0.00000000e+00	0.00000000e+00	1.77635684e-15	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-1.03158577e+01	0.00000000e+00	0.00000000e+00	0.00000000e+00
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-2.06066902e+03	1.77798959e+03	4.78134768e+02]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	1.77635684e-15	0.00000000e+00
0.00000000e+00	-1.24335596e+00	5.68434189e-14	0.00000000e+00
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4.79938141e+02	-4.12376003e+02	-1.09565987e+02]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
5.68434189e-14	0.00000000e+00	-3.55271368e-15	0.00000000e+00
-3.55271368e-15	8.88178420e-16	-3.02130775e+03	0.00000000e+00
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-1.62414519e+06	1.40111353e+06	3.78497126e+05]	
[0.00000000e+00	-1.42108547e-14	-1.77635684e-15	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-2.22044605e-16
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4.13069552e+03	-3.55885585e+03	-9.46040920e+02]	
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0.00000000e+00	0.00000000e+00	1.81898940e-12	0.00000000e+00
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-3.36457854e+02	5.81189893e+02	-5.01830386e+02	2.70075202e+02
7.86877332e+02	-6.77044463e+02	-1.82949632e+02]	
[0.00000000e+00	7.10542736e-15	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	8.88178420e-16
0.00000000e+00	-3.19871056e+01	0.00000000e+00	-3.21615715e+03
4.24605865e+03	-7.42145256e+03	6.38574969e+03	-3.47707814e+03
-1.00019740e+04	8.64010563e+03	2.32199113e+03]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	3.47369516e-01	2.82488526e+01
-3.73492876e+01	6.50464017e+01	-5.59228921e+01	3.06370450e+01
8.75603451e+01	-7.53819974e+01	-2.04281134e+01]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-1.42108547e-14	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-1.41590728e+03
1.93075758e+03	-3.31277851e+03	2.85858489e+03	-1.53564084e+03
-4.51454987e+03	3.87975681e+03	1.03280668e+03]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-5.68434189e-14	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	7.77084486e+01
-1.37974812e+02	2.19884497e+02	-1.90250840e+02	9.34729528e+01
3.12376491e+02	-2.68429158e+02	-5.97584643e+01]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	1.39811519e+03
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4.48285670e+03	-3.85615082e+03	-1.01287847e+03]	
[0.00000000e+00	0.00000000e+00	1.77635684e-15	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	8.38016751e+02
-1.12296580e+03	1.94979770e+03	-1.67182558e+03	9.15080892e+02
2.62738822e+03	-2.26065807e+03	-6.11085867e+02]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-7.10542736e-15	0.00000000e+00	0.00000000e+00
0.00000000e+00	7.10542736e-15	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-2.23563909e+03
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-7.07791497e+03	6.08968477e+03	1.62327029e+03]	
[0.00000000e+00	0.00000000e+00	-1.77635684e-15	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-1.77635684e-15
3.55271368e-15	0.00000000e+00	0.00000000e+00	2.18636934e+03
-2.92887071e+03	5.07739729e+03	-4.36614553e+03	2.35478236e+03
6.86917149e+03	-5.92009706e+03	-1.58491661e+03]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-1.77635684e-15
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-4.00202471e+02

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[06-24 17:40:24][INFO]
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 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
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 3.59950862e+01 -3.07596997e+01 -1.81305937e+00]
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 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
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-4.87011689e+02 4.20435895e+02 2.84415116e+01]
[ 0.00000000e+00 0.00000000e+00 5.58419449e-01 0.00000000e+00
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 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
-5.97561774e+00 6.44940008e+00 -5.79524470e+00 1.92622802e+00
 1.16671606e+01 -1.04531417e+01 -6.64520166e-01]
[ 0.00000000e+00 0.00000000e+00 2.22044605e-16 -3.46288558e+00
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 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
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-9.35343892e+02 7.99239205e+02 4.61171436e+01]
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-1.77635684e-15 0.00000000e+00 0.00000000e+00 0.00000000e+00
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-6.95314406e+02 5.89812437e+02 3.92450458e+01]
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-2.05937476e+02 2.42261856e+02 -2.14454729e+02 5.77669605e+01
 4.20416498e+02 -3.55551024e+02 -2.11023729e+01]
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 3.76167666e+01 -3.19139371e+01 -1.90467651e+00]
[ 0.00000000e+00 0.00000000e+00 1.77635684e-15 0.00000000e+00
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-1.03158577e+01 0.00000000e+00 0.00000000e+00 0.00000000e+00
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-2.90245805e+02	3.19342301e+02	-2.88791010e+02	7.00559357e+01
5.74031169e+02	-4.86042358e+02	-2.58904780e+01]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	1.77635684e-15	0.00000000e+00
0.00000000e+00	-1.24335596e+00	5.68434189e-14	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
6.26715247e+01	-7.61165434e+01	6.56569590e+01	-1.97884843e+01
-1.27223938e+02	1.09366223e+02	6.58575485e+00]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
5.68434189e-14	0.00000000e+00	-3.55271368e-15	0.00000000e+00
-3.55271368e-15	8.88178420e-16	-3.02130775e+03	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-2.34347192e+05	2.77783828e+05	-2.44261334e+05	6.56052401e+04
4.75866522e+05	-4.03453697e+05	-2.32407731e+04]	
[0.00000000e+00	-1.42108547e-14	-1.77635684e-15	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-2.22044605e-16
0.00000000e+00	0.00000000e+00	0.00000000e+00	-6.23365715e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
5.59281096e+02	-6.55153830e+02	5.85331644e+02	-1.55098262e+02
-1.13163279e+03	9.63130919e+02	6.06566644e+01]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	1.81898940e-12	0.00000000e+00
2.07587335e+00	0.00000000e+00	0.00000000e+00	2.84217094e-14
1.13265469e+02	-1.35514739e+02	1.18284538e+02	-3.45961100e+01
-2.31301215e+02	1.97889530e+02	1.18306673e+01]	
[0.00000000e+00	7.10542736e-15	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	8.88178420e-16
0.00000000e+00	-3.19871056e+01	0.00000000e+00	4.54747351e-13
-1.46437162e+03	1.67901347e+03	-1.48825384e+03	3.91532165e+02
2.92650288e+03	-2.46950177e+03	-1.51261334e+02]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	3.47369516e-01	0.00000000e+00
1.28078085e+01	-1.48867955e+01	1.32377723e+01	-3.34257638e+00
-2.59958717e+01	2.21983282e+01	1.29549678e+00]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-5.68434189e-14	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	7.77084486e+01
-1.37974812e+02	2.19884497e+02	-1.90250840e+02	9.34729528e+01
3.12376491e+02	-2.68429158e+02	-5.97584643e+01]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-1.42108547e-14	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-5.83248866e+02	6.93684952e+02	-6.07930715e+02	1.67507750e+02
1.17718835e+03	-1.01122746e+03	-5.60381805e+01]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00

```

0.00000000e+00 0.00000000e+00 0.00000000e+00 2.27373675e-13
5.65448931e+02 -6.76217998e+02 5.94582353e+02 -1.64357512e+02
-1.13735996e+03 9.73374029e+02 6.22841177e+01]
[ 0.00000000e+00 0.00000000e+00 1.77635684e-15 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
3.64970265e+02 -4.21461739e+02 3.79861122e+02 -9.29420668e+01
-7.41315395e+02 6.34112510e+02 3.33562112e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 -7.10542736e-15 0.00000000e+00 0.00000000e+00
0.00000000e+00 7.10542736e-15 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
-9.50256806e+02 1.10608988e+03 -9.87792799e+02 2.71628160e+02
1.90902411e+03 -1.63290821e+03 -9.59553736e+01]
[ 0.00000000e+00 0.00000000e+00 -1.77635684e-15 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 -1.77635684e-15
3.55271368e-15 0.00000000e+00 0.00000000e+00 0.00000000e+00
9.53125443e+02 -1.10917227e+03 9.86665013e+02 -2.75129854e+02
-1.91971046e+03 1.63230286e+03 9.64201869e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 -1.77635684e-15
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 -5.68434189e-14
-1.64243240e+02 1.99617864e+02 -1.74109836e+02 5.03592215e+01
3.50347131e+02 -2.92187148e+02 -6.53946872e+00]]
[06-24 17:40:24][INFO]
[[ 1.39894892e-01 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 4.44089210e-16 -1.11022302e-16 0.00000000e+00
0.00000000e+00 2.22044605e-16 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 -4.99906101e-01 3.04043665e-01 -1.90182253e-01
-1.94465930e+00 8.81792624e-01 -1.10488808e+00]
[ 0.00000000e+00 -1.07932037e+01 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
5.68434189e-14 0.00000000e+00 0.00000000e+00 8.88178420e-16
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 -1.06046794e+00 5.08112734e+00 -2.02056714e+01
9.77965469e+00 6.11525915e+00 1.91685615e+01]
[ 0.00000000e+00 0.00000000e+00 5.58419449e-01 0.00000000e+00
0.00000000e+00 -4.44089210e-16 -2.22044605e-16 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 -8.13243085e-01 5.39346734e-01 9.40219780e-02
-1.07942509e+00 1.77424877e-01 -4.26596430e-01]
[ 0.00000000e+00 0.00000000e+00 2.22044605e-16 -3.46288558e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 1.31625293e+01 -5.43248265e+00 1.01567985e+01
5.20833730e+01 -2.42684843e+01 2.76861387e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
-3.47004832e+01 0.00000000e+00 0.00000000e+00 0.00000000e+00

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0.00000000e+00	0.00000000e+00	0.00000000e+00	-3.55271368e-15
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
2.84217094e-14	5.64044166e+01	-4.20133421e+01	3.54801003e+01
8.14637527e+01	-7.66945280e+01	1.04745156e+01]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-1.17711953e+01	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	-4.54747351e-13	0.00000000e+00
-1.77635684e-15	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	9.02168301e+00	-7.50196160e+00	1.14304369e+01
3.54507127e+01	-1.96407507e+01	2.56048153e+01]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-2.84217094e-14	0.00000000e+00	2.25199811e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-8.03032553e+00	3.85404214e+00	-5.37628317e+00
-1.88685743e+01	1.08097678e+01	-1.29028167e+01]	
[0.00000000e+00	7.10542736e-15	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-1.85835427e-01
0.00000000e+00	0.00000000e+00	0.00000000e+00	5.55111512e-17
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-6.91837077e-01	3.91459931e-01	-4.69021450e-01
-1.97871003e+00	1.10842372e+00	-1.16559987e+00]	
[0.00000000e+00	0.00000000e+00	1.77635684e-15	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-1.03158577e+01	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-3.34164932e+01	1.88907502e+01	-1.89373935e+01
-4.50919357e+01	3.03021415e+01	-1.43341220e+01]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	1.77635684e-15	0.00000000e+00
0.00000000e+00	-1.24335596e+00	5.68434189e-14	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	5.31413879e-02	-7.79436397e-01	-5.72538587e-01
6.46064330e+00	-2.12581760e+00	4.09044074e+00]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
5.68434189e-14	0.00000000e+00	-3.55271368e-15	0.00000000e+00
-3.55271368e-15	8.88178420e-16	-3.02130775e+03	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-7.03693971e+03	4.16381279e+03	-6.24881078e+03
-2.40192953e+04	1.34477077e+04	-1.39100625e+04]	
[0.00000000e+00	-1.42108547e-14	-1.77635684e-15	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-2.22044605e-16
0.00000000e+00	0.00000000e+00	0.00000000e+00	-6.23365715e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	2.45849355e+01	-7.54718314e+00	1.63849631e+01
6.13692867e+01	-3.18247795e+01	3.83884650e+01]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	1.81898940e-12	0.00000000e+00
2.07587335e+00	0.00000000e+00	0.00000000e+00	2.84217094e-14
0.00000000e+00	2.14578781e+00	-1.78513495e+00	1.32630299e-01
1.03052713e+01	-3.60865253e+00	7.32091708e+00]	
[0.00000000e+00	7.10542736e-15	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00

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0.00000000e+00 0.00000000e+00 0.00000000e+00 8.88178420e-16
0.00000000e+00 -3.19871056e+01 0.00000000e+00 4.54747351e-13
0.00000000e+00 -1.00753744e+02 6.40870765e+01 -5.74641816e+01
-1.97147115e+02 1.35601285e+02 -9.29562713e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 3.47369516e-01 0.00000000e+00
0.00000000e+00 6.79552087e-01 -3.39440538e-01 5.84472692e-01
1.32445486e+00 -5.86640123e-01 7.85544206e-01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
-5.68434189e-14 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 7.77084486e+01
0.00000000e+00 5.21927425e+01 -4.39874578e+01 5.11679904e+01
1.80625247e+01 -2.29732926e+01 -5.42648929e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 -1.77635684e-15
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 -5.68434189e-14
-1.64243240e+02 1.99617864e+02 -1.74109836e+02 5.03592215e+01
3.50347131e+02 -2.92187148e+02 -6.53946872e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 2.27373675e-13
0.00000000e+00 1.10170281e+01 -4.83483055e+00 9.01685582e+00
6.87987269e+01 -3.25541908e+01 3.97703413e+01]
[ 0.00000000e+00 0.00000000e+00 1.77635684e-15 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 2.21156314e+01 -7.03402714e+00 1.89628029e+01
3.72023995e+01 -1.51660881e+01 1.88246443e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 -7.10542736e-15 0.00000000e+00 0.00000000e+00
0.00000000e+00 7.10542736e-15 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
1.13686838e-13 -4.88327437e+01 1.95488491e+01 -1.97335597e+01
-1.17967954e+02 5.75895210e+01 -5.81201809e+01]
[ 0.00000000e+00 0.00000000e+00 -1.77635684e-15 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 -1.77635684e-15
3.55271368e-15 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 4.92368354e+01 -2.37175994e+01 1.71114288e+01
1.13400699e+02 -6.32981514e+01 5.84707772e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 -1.42108547e-14 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 -1.51837482e+01 1.03556993e+01 -1.13243207e+01
-6.69393553e+01 2.63666753e+01 -3.28156862e+01]]
[06-24 17:40:24][INFO]
[[ 1.39894892e-01 0.00000000e+00 0.00000000e+00 0.00000000e+00

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0.00000000e+00	4.44089210e-16	-1.11022302e-16	0.00000000e+00
0.00000000e+00	2.22044605e-16	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	8.46595206e-02	2.18964496e-01
1.17713570e+00	-5.95378755e-01	6.99721664e-01]	
[0.00000000e+00	-1.07932037e+01	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
5.68434189e-14	0.00000000e+00	0.00000000e+00	8.88178420e-16
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	4.61574024e+00	-1.93377344e+01
1.64020254e+01	2.98168488e+00	2.29967420e+01]	
[0.00000000e+00	0.00000000e+00	5.58419449e-01	0.00000000e+00
0.00000000e+00	-4.44089210e-16	-2.22044605e-16	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	1.82454433e-01	7.59618504e-01
3.99908504e+00	-2.22562523e+00	2.50912768e+00]	
[0.00000000e+00	0.00000000e+00	2.22044605e-16	-3.46288558e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	3.43902611e-01	-6.16036776e-01
-3.01134998e+01	1.46254430e+01	-1.98292418e+01]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-3.47004832e+01	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-3.55271368e-15
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
2.84217094e-14	0.00000000e+00	-1.72602241e+01	-1.06839365e+01
-2.70768447e+02	8.99747516e+01	-1.93139642e+02]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-1.17711953e+01	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	-4.54747351e-13	0.00000000e+00
-1.77635684e-15	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	-3.54278965e+00	4.04666566e+00
-2.08875574e+01	7.01739945e+00	-6.96253486e+00]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-2.84217094e-14	0.00000000e+00	2.25199811e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	3.29928121e-01	1.19611428e+00
3.12789035e+01	-1.29190224e+01	1.60858346e+01]	
[0.00000000e+00	7.10542736e-15	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-1.85835427e-01
0.00000000e+00	0.00000000e+00	0.00000000e+00	5.55111512e-17
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	8.78467425e-02	9.72106689e-02
2.34164838e+00	-9.35884052e-01	1.33186100e+00]	
[0.00000000e+00	0.00000000e+00	1.77635684e-15	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-1.03158577e+01	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	4.22589867e+00	8.41224177e+00
1.63586137e+02	-6.84401767e+01	1.06295990e+02]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00

0.00000000e+00	0.00000000e+00	1.77635684e-15	0.00000000e+00
0.00000000e+00	-1.24335596e+00	5.68434189e-14	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-6.93889390e-18	-7.56115261e-01	-6.16032007e-01
6.12878794e+00	-1.96879023e+00	3.89860578e+00]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
5.68434189e-14	0.00000000e+00	-3.55271368e-15	0.00000000e+00
-3.55271368e-15	8.88178420e-16	-3.02130775e+03	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-9.09494702e-13	1.07564684e+03	-4.89447178e+02
1.99247237e+04	-7.34572914e+03	1.14925679e+04]	
[0.00000000e+00	-1.42108547e-14	-1.77635684e-15	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-2.22044605e-16
0.00000000e+00	0.00000000e+00	0.00000000e+00	-6.23365715e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-3.55271368e-15	3.24193312e+00	-3.73650853e+00
-9.21578028e+01	4.08211893e+01	-5.03606300e+01]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	1.81898940e-12	0.00000000e+00
2.07587335e+00	0.00000000e+00	0.00000000e+00	2.84217094e-14
0.00000000e+00	0.00000000e+00	-8.43454464e-01	-1.62358372e+00
-3.09466452e+00	2.73193087e+00	-4.25156764e-01]	
[0.00000000e+00	7.10542736e-15	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	8.88178420e-16
0.00000000e+00	-3.19871056e+01	0.00000000e+00	4.54747351e-13
0.00000000e+00	0.00000000e+00	1.98712249e+01	2.49974381e+01
4.32036114e+02	-1.62115719e+02	2.70754408e+02]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	3.47369516e-01	0.00000000e+00
0.00000000e+00	0.00000000e+00	-4.12186256e-02	2.82951893e-02
-2.91918670e+00	1.42136676e+00	-1.66756911e+00]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-5.68434189e-14	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	7.77084486e+01
0.00000000e+00	7.10542736e-15	-2.10826360e+01	8.45098648e+00
-3.07868770e+02	1.31250921e+02	-2.42675339e+02]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-1.77635684e-15
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-5.68434189e-14
-1.64243240e+02	0.00000000e+00	-8.65073957e+01	-1.13017460e+02
-8.96219069e+02	2.97663214e+02	-7.27139477e+02]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	2.27373675e-13
0.00000000e+00	1.10170281e+01	-4.83483055e+00	9.01685582e+00
6.87987269e+01	-3.25541908e+01	3.97703413e+01]	
[0.00000000e+00	0.00000000e+00	1.77635684e-15	0.00000000e+00

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0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 2.67143327e+00 8.62326345e-01
-1.00904472e+02 5.01833397e+01 -6.10105160e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 -7.10542736e-15 0.00000000e+00 0.00000000e+00
0.00000000e+00 7.10542736e-15 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
1.13686838e-13 0.00000000e+00 -1.88143489e+00 2.02334627e+01
1.86980945e+02 -8.67062402e+01 1.18161014e+02]
[ 0.00000000e+00 0.00000000e+00 -1.77635684e-15 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 -1.77635684e-15
3.55271368e-15 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 -7.10542736e-15 -2.10997946e+00 -2.31863212e+01
-1.94071657e+02 8.21916592e+01 -1.19269147e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 -1.42108547e-14 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 3.69230065e+00 1.10277552e+00
2.78795503e+01 -1.84997471e+01 2.19960872e+01]]
[06-24 17:40:24][INFO]
[[ 1.39894892e-01 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 4.44089210e-16 -1.11022302e-16 0.00000000e+00
0.00000000e+00 2.22044605e-16 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 1.12941601e+00
9.59077641e+00 -4.49692685e+00 6.01665018e+00]
[ 0.00000000e+00 -1.07932037e+01 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
5.68434189e-14 0.00000000e+00 0.00000000e+00 8.88178420e-16
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 3.03011920e+01
4.75123971e+02 -2.09735472e+02 3.12882164e+02]
[ 0.00000000e+00 0.00000000e+00 5.58419449e-01 0.00000000e+00
0.00000000e+00 -4.44089210e-16 -2.22044605e-16 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 2.72178312e+00
2.21317893e+01 -1.06340682e+01 1.39679355e+01]
[ 0.00000000e+00 0.00000000e+00 2.22044605e-16 -3.46288558e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 3.08238548e+00
4.06426295e+00 -1.22336612e+00 1.76910399e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
-3.47004832e+01 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 -3.55271368e-15
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
2.84217094e-14 0.00000000e+00 0.00000000e+00 -1.96305083e+02
-1.98612572e+03 8.85415054e+02 -1.27714505e+03]

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```

[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 -1.17711953e+01 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 -4.54747351e-13 0.00000000e+00
-1.77635684e-15 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 -3.40534582e+01
-3.72977423e+02 1.70287450e+02 -2.29462724e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
-2.84217094e-14 0.00000000e+00 2.25199811e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 4.74425106e+00
 6.40678521e+01 -2.81238148e+01 3.68065312e+01]
[ 0.00000000e+00 7.10542736e-15 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 -1.85835427e-01
 0.00000000e+00 0.00000000e+00 0.00000000e+00 5.55111512e-17
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 1.04193844e+00
 1.10720419e+01 -4.98431580e+00 6.84895874e+00]
[ 0.00000000e+00 0.00000000e+00 1.77635684e-15 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
-1.03158577e+01 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 5.38587058e+01
 5.83564809e+02 -2.63191420e+02 3.71697932e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 1.77635684e-15 0.00000000e+00
 0.00000000e+00 -1.24335596e+00 5.68434189e-14 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 -6.93889390e-18 0.00000000e+00 -8.74750126e+00
-6.90155325e+01 3.28769074e+01 -4.35882068e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 5.68434189e-14 0.00000000e+00 -3.55271368e-15 0.00000000e+00
-3.55271368e-15 8.88178420e-16 -3.02130775e+03 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 -9.09494702e-13 0.00000000e+00 1.10783516e+04
 1.26824763e+05 -5.69170928e+04 7.90471361e+04]
[ 0.00000000e+00 -1.42108547e-14 -1.77635684e-15 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 -2.22044605e-16
 0.00000000e+00 0.00000000e+00 0.00000000e+00 -6.23365715e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 -3.55271368e-15 0.00000000e+00 3.11281224e+01
 2.30032310e+02 -1.08583838e+02 1.53244665e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 1.81898940e-12 0.00000000e+00
 2.07587335e+00 0.00000000e+00 0.00000000e+00 2.84217094e-14
 0.00000000e+00 0.00000000e+00 0.00000000e+00 -1.06943225e+01
-8.69189381e+01 4.16026702e+01 -5.33971918e+01]
[ 0.00000000e+00 7.10542736e-15 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 8.88178420e-16
 0.00000000e+00 -3.19871056e+01 0.00000000e+00 4.54747351e-13
 0.00000000e+00 0.00000000e+00 0.00000000e+00 2.38697997e+02
 2.40688012e+03 -1.07788443e+03 1.51874024e+03]

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[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 3.47369516e-01 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 -4.14981125e-01
-7.01558016e+00 3.32093398e+00 -4.25625003e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
-5.68434189e-14 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 7.77084486e+01
 0.00000000e+00 7.10542736e-15 0.00000000e+00 -2.18277418e+02
-2.40310535e+03 1.10284771e+03 -1.56674223e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 -1.77635684e-15
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 -5.68434189e-14
-1.64243240e+02 0.00000000e+00 0.00000000e+00 -1.04334153e+03
-9.49350549e+03 4.28437095e+03 -6.16012133e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
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 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 2.27373675e-13
 0.00000000e+00 1.10170281e+01 0.00000000e+00 -4.29782274e+01
-4.11696873e+02 1.90259780e+02 -2.63874757e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 -7.10542736e-15 0.00000000e+00 0.00000000e+00
 0.00000000e+00 7.10542736e-15 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 1.13686838e-13 0.00000000e+00 -1.88143489e+00 2.02334627e+01
 1.86980945e+02 -8.67062402e+01 1.18161014e+02]
[ 0.00000000e+00 0.00000000e+00 1.77635684e-15 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 1.64588170e+02 -7.29301072e+01 1.06765295e+02]
[ 0.00000000e+00 0.00000000e+00 -1.77635684e-15 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 -1.77635684e-15
 3.55271368e-15 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 -7.10542736e-15 0.00000000e+00 -4.58776144e+01
-4.03765841e+02 1.79430414e+02 -2.51783599e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 -1.42108547e-14 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 4.08107814e+01
 3.94828133e+02 -1.88660037e+02 2.53886115e+02]]
[06-24 17:40:24][INFO]
[[ 1.39894892e-01 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 4.44089210e-16 -1.11022302e-16 0.00000000e+00
 0.00000000e+00 2.22044605e-16 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00

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	3.30898625e+00	-1.71342406e+00	1.94176933e+00]	
[0.00000000e+00	-1.07932037e+01	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	5.68434189e-14	0.00000000e+00	0.00000000e+00	8.88178420e-16
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	3.06589323e+02	-1.35056655e+02	2.03556862e+02]	
[	0.00000000e+00	0.00000000e+00	5.58419449e-01	0.00000000e+00
	0.00000000e+00	-4.44089210e-16	-2.22044605e-16	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	6.99328387e+00	-3.92609622e+00	4.14786765e+00]	
[	0.00000000e+00	0.00000000e+00	2.22044605e-16	-3.46288558e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	-1.30799058e+01	6.37332853e+00	-9.35200053e+00]	
[	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	-3.47004832e+01	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	-3.55271368e-15
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	2.84217094e-14	0.00000000e+00	0.00000000e+00	0.00000000e+00
	-8.94280622e+02	4.01611264e+02	-5.68885367e+02]	
[	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	-1.17711953e+01	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	-4.54747351e-13	0.00000000e+00
	-1.77635684e-15	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	-1.83572743e+02	8.63609831e+01	-1.06599418e+02]	
[	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	-2.84217094e-14	0.00000000e+00	2.25199811e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	3.76804189e+01	-1.64313685e+01	1.96894923e+01]	
[	0.00000000e+00	7.10542736e-15	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	-1.85835427e-01
	0.00000000e+00	0.00000000e+00	0.00000000e+00	5.55111512e-17
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	5.27680032e+00	-2.41640591e+00	3.08969295e+00]	
[	0.00000000e+00	0.00000000e+00	1.77635684e-15	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	-1.03158577e+01	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	2.84003722e+02	-1.30453920e+02	1.77378207e+02]	
[	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	1.77635684e-15	0.00000000e+00
	0.00000000e+00	-1.24335596e+00	5.68434189e-14	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	-6.93889390e-18	0.00000000e+00	0.00000000e+00

```

-2.03620987e+01  1.13182489e+01 -1.20276261e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
 5.68434189e-14  0.00000000e+00 -3.55271368e-15  0.00000000e+00
-3.55271368e-15  8.88178420e-16 -3.02130775e+03  0.00000000e+00
 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
 0.00000000e+00 -9.09494702e-13  0.00000000e+00  0.00000000e+00
 6.52071839e+04 -2.96139359e+04  3.90769548e+04]
[ 0.00000000e+00 -1.42108547e-14 -1.77635684e-15  0.00000000e+00
 0.00000000e+00  0.00000000e+00  0.00000000e+00 -2.22044605e-16
 0.00000000e+00  0.00000000e+00  0.00000000e+00 -6.23365715e+00
 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
 0.00000000e+00 -3.55271368e-15  0.00000000e+00  0.00000000e+00
 5.68982920e+01 -3.18670090e+01  4.09358364e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
 0.00000000e+00  0.00000000e+00  1.81898940e-12  0.00000000e+00
 2.07587335e+00  0.00000000e+00  0.00000000e+00  2.84217094e-14
 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
-2.74373218e+01  1.52459724e+01 -1.48125698e+01]
[ 0.00000000e+00  7.10542736e-15  0.00000000e+00  0.00000000e+00
 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
 0.00000000e+00  0.00000000e+00  0.00000000e+00  8.88178420e-16
 0.00000000e+00 -3.19871056e+01  0.00000000e+00  4.54747351e-13
 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
 1.07924645e+03 -4.89601159e+02  6.57528884e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
 0.00000000e+00  0.00000000e+00  3.47369516e-01  0.00000000e+00
 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
-4.70746312e+00  2.29819205e+00 -2.75901729e+00]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
-5.68434189e-14  0.00000000e+00  0.00000000e+00  0.00000000e+00
 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
 0.00000000e+00  0.00000000e+00  0.00000000e+00  7.77084486e+01
 0.00000000e+00  7.10542736e-15  0.00000000e+00  0.00000000e+00
-1.18905055e+03  5.64891994e+02 -7.79207387e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
 0.00000000e+00  0.00000000e+00  0.00000000e+00 -1.77635684e-15
 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
 0.00000000e+00  0.00000000e+00  0.00000000e+00 -5.68434189e-14
-1.64243240e+02  0.00000000e+00  0.00000000e+00  0.00000000e+00
-3.69045995e+03  1.71300306e+03 -2.39579325e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
 0.00000000e+00  0.00000000e+00  0.00000000e+00  2.27373675e-13
 0.00000000e+00  1.10170281e+01  0.00000000e+00  0.00000000e+00
-1.72652799e+02  8.43377684e+01 -1.08811296e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
 0.00000000e+00 -7.10542736e-15  0.00000000e+00  0.00000000e+00
 0.00000000e+00  7.10542736e-15  0.00000000e+00  0.00000000e+00
 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
 1.13686838e-13  0.00000000e+00 -1.88143489e+00  0.00000000e+00

```

```

7.44428146e+01 -3.68398496e+01 4.51596147e+01]
[ 0.00000000e+00 0.00000000e+00 1.77635684e-15 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 2.95916466e+01
1.64588170e+02 -7.29301072e+01 1.06765295e+02]
[ 0.00000000e+00 0.00000000e+00 -1.77635684e-15 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 -1.77635684e-15
3.55271368e-15 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 -7.10542736e-15 0.00000000e+00 0.00000000e+00
-1.48595432e+02 6.63627166e+01 -8.62592838e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 -1.42108547e-14 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
1.67839351e+02 -8.80798060e+01 1.06642700e+02]]]
[06-24 17:40:24][INFO]
[[ 1.39894892e-01 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 4.44089210e-16 -1.11022302e-16 0.00000000e+00
0.00000000e+00 2.22044605e-16 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
-4.44089210e-16 -2.35630868e-01 2.09109217e-02]
[ 0.00000000e+00 -1.07932037e+01 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
5.68434189e-14 0.00000000e+00 0.00000000e+00 8.88178420e-16
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 1.86613074e+00 2.55825115e+01]
[ 0.00000000e+00 0.00000000e+00 5.58419449e-01 0.00000000e+00
0.00000000e+00 -4.44089210e-16 -2.22044605e-16 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 -8.02895789e-01 8.82835024e-02]
[ 0.00000000e+00 0.00000000e+00 2.22044605e-16 -3.46288558e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 5.31842864e-01 -1.75914725e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
-3.47004832e+01 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 -3.55271368e-15
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
2.84217094e-14 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 2.22555723e+00 -4.97576579e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 -1.17711953e+01 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 -4.54747351e-13 0.00000000e+00
-1.77635684e-15 0.00000000e+00 0.00000000e+00 0.00000000e+00

```

0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-2.84217094e-14	4.37739977e+00	-3.58908070e-02]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-2.84217094e-14	0.00000000e+00	2.25199811e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	3.96705761e-01	-2.18389851e+00]	
[0.00000000e+00	7.10542736e-15	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-1.85835427e-01
0.00000000e+00	0.00000000e+00	0.00000000e+00	5.55111512e-17
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
8.88178420e-16	-5.97869969e-02	2.65232983e-02]	
[0.00000000e+00	0.00000000e+00	1.77635684e-15	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-1.03158577e+01	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-3.61786367e+00	1.25147422e+01]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	1.77635684e-15	0.00000000e+00
0.00000000e+00	-1.24335596e+00	5.68434189e-14	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-6.93889390e-18	0.00000000e+00	0.00000000e+00
0.00000000e+00	2.22453607e+00	-2.07477722e-01]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
5.68434189e-14	0.00000000e+00	-3.55271368e-15	0.00000000e+00
-3.55271368e-15	8.88178420e-16	-3.02130775e+03	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-9.09494702e-13	0.00000000e+00	0.00000000e+00
0.00000000e+00	-4.92408904e+02	1.22434437e+03]	
[0.00000000e+00	-1.42108547e-14	-1.77635684e-15	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-2.22044605e-16
0.00000000e+00	0.00000000e+00	0.00000000e+00	-6.23365715e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-3.55271368e-15	0.00000000e+00	0.00000000e+00
0.00000000e+00	-6.45623302e+00	7.90651734e+00]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	1.81898940e-12	0.00000000e+00
2.07587335e+00	0.00000000e+00	0.00000000e+00	2.84217094e-14
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
3.55271368e-15	2.99246505e+00	1.11472830e+00]	
[0.00000000e+00	7.10542736e-15	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	8.88178420e-16
0.00000000e+00	-3.19871056e+01	0.00000000e+00	4.54747351e-13
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-7.60971870e+00	3.10289670e+01]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	3.47369516e-01	0.00000000e+00

```

0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 1.95839115e-01 -2.63464823e-02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
-5.68434189e-14 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 7.77084486e+01
0.00000000e+00 7.10542736e-15 0.00000000e+00 0.00000000e+00
0.00000000e+00 3.38620422e+01 -8.89664553e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 -1.77635684e-15
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 -5.68434189e-14
-1.64243240e+02 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 6.48437260e+01 -2.53490291e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 2.27373675e-13
0.00000000e+00 1.10170281e+01 0.00000000e+00 0.00000000e+00
0.00000000e+00 7.23103215e+00 -8.58676954e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 -7.10542736e-15 0.00000000e+00 0.00000000e+00
0.00000000e+00 7.10542736e-15 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
1.13686838e-13 0.00000000e+00 -1.88143489e+00 0.00000000e+00
0.00000000e+00 -3.59369014e+00 1.94574325e+00]
[ 0.00000000e+00 0.00000000e+00 1.77635684e-15 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 2.95916466e+01
2.84217094e-14 5.74965844e-01 1.1222660e+01]
[ 0.00000000e+00 0.00000000e+00 -1.77635684e-15 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 -1.77635684e-15
3.55271368e-15 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 -7.10542736e-15 0.00000000e+00 0.00000000e+00
-1.48595432e+02 6.63627166e+01 -8.62592838e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 -1.42108547e-14 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 -1.31227551e+01 9.21236791e+00]]
[06-24 17:40:24][INFO]
[[ 1.39894892e-01 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 4.44089210e-16 -1.11022302e-16 0.00000000e+00
0.00000000e+00 2.22044605e-16 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
-4.44089210e-16 0.00000000e+00 -1.44505428e-01]
[ 0.00000000e+00 -1.07932037e+01 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
5.68434189e-14 0.00000000e+00 0.00000000e+00 8.88178420e-16

```

0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	2.68925628e+01]	
[0.00000000e+00	0.00000000e+00	5.58419449e-01	0.00000000e+00
0.00000000e+00	-4.44089210e-16	-2.22044605e-16	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	-4.75361200e-01]	
[0.00000000e+00	0.00000000e+00	2.22044605e-16	-3.46288558e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	-1.38578571e+00]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-3.47004832e+01	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-3.55271368e-15
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
2.84217094e-14	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	-4.81952838e+01]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-1.17711953e+01	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	-4.54747351e-13	0.00000000e+00
-1.77635684e-15	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-2.84217094e-14	0.00000000e+00	3.03710849e+00]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-2.84217094e-14	0.00000000e+00	2.25199811e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	-1.90540520e+00]	
[0.00000000e+00	7.10542736e-15	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-1.85835427e-01
0.00000000e+00	0.00000000e+00	0.00000000e+00	5.55111512e-17
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
8.88178420e-16	0.00000000e+00	-1.54480566e-02]	
[0.00000000e+00	0.00000000e+00	1.77635684e-15	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-1.03158577e+01	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	9.97494842e+00]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	1.77635684e-15	0.00000000e+00
0.00000000e+00	-1.24335596e+00	5.68434189e-14	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-6.93889390e-18	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	1.35417945e+00]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
5.68434189e-14	0.00000000e+00	-3.55271368e-15	0.00000000e+00
-3.55271368e-15	8.88178420e-16	-3.02130775e+03	0.00000000e+00

0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-9.09494702e-13	0.00000000e+00	0.00000000e+00
0.00000000e+00	5.68434189e-14	8.78666044e+02]	
[0.00000000e+00	-1.42108547e-14	-1.77635684e-15	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-2.22044605e-16
0.00000000e+00	0.00000000e+00	0.00000000e+00	-6.23365715e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-3.55271368e-15	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	3.37414640e+00]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	1.81898940e-12	0.00000000e+00
2.07587335e+00	0.00000000e+00	0.00000000e+00	2.84217094e-14
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
3.55271368e-15	0.00000000e+00	3.21548297e+00]	
[0.00000000e+00	7.10542736e-15	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	8.88178420e-16
0.00000000e+00	-3.19871056e+01	0.00000000e+00	4.54747351e-13
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-8.88178420e-16	2.56868321e+01]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	3.47369516e-01	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	1.11135469e-01]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-5.68434189e-14	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	7.77084486e+01
0.00000000e+00	7.10542736e-15	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	-6.51948016e+01]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-1.77635684e-15
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-5.68434189e-14
-1.64243240e+02	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	-2.07969037e+02]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	2.27373675e-13
0.00000000e+00	1.10170281e+01	0.00000000e+00	0.00000000e+00
0.00000000e+00	8.88178420e-16	-3.51047817e+00]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-7.10542736e-15	0.00000000e+00	0.00000000e+00
0.00000000e+00	7.10542736e-15	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
1.13686838e-13	0.00000000e+00	-1.88143489e+00	0.00000000e+00
0.00000000e+00	4.44089210e-16	-5.77080308e-01]	
[0.00000000e+00	0.00000000e+00	1.77635684e-15	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00

0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	2.95916466e+01
2.84217094e-14	0.00000000e+00	1.16259005e+01]	
[0.00000000e+00	0.00000000e+00	-1.77635684e-15	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-1.77635684e-15
3.55271368e-15	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-7.10542736e-15	0.00000000e+00	0.00000000e+00
-1.48595432e+02	0.00000000e+00	-3.96716766e+01]	
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-1.42108547e-14	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-1.31227551e+01	9.21236791e+00]]	

n = 22: 0.095732 segundos

[06-24 17:40:24][INFO]

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-2.84324848e+00	1.58885470e+00	-1.06135594e+00	1.51232977e+00
-3.93406970e+00	1.57845305e+00	4.99413726e+00	-4.51787961e+00
4.77174184e+00	-9.30920393e-01	3.70753450e+00	2.82385484e+00
6.70162610e-01	2.38449209e+00	3.78515561e+00	-9.58596783e-01
-1.72966838e+00	1.67593386e+00	3.07845942e+00	2.62285135e+00]
[0.00000000e+00	-7.11929761e+00	-2.25406230e+01	-1.88753476e-01
3.61336358e+01	-3.15191490e+01	-1.42865705e+01	-1.01973652e+01
1.76404555e+01	-1.52127967e+01	6.10634401e+00	-1.29000548e+01
2.59857712e+01	-1.39073685e+01	-4.01527033e+01	2.73599536e+01
-2.91122711e+01	5.90875101e+00	-2.75657954e+01	-1.83180688e+01
-7.59108246e+00	-1.24853142e+01	-2.40985130e+01	2.72227082e+00
1.14963726e+01	-8.14662649e+00	-1.74807900e+01	-1.90087627e+01]
[0.00000000e+00	4.39768982e+01	1.52998525e+02	2.56610730e+01
-1.84085982e+02	1.74489060e+02	7.71577102e+01	7.09833670e+01
-1.16827753e+02	6.05455166e+01	-4.54003760e+01	5.75727343e+01
-1.55126648e+02	6.18639427e+01	1.96054439e+02	-1.76666922e+02
1.95386414e+02	-3.30917360e+01	1.53777934e+02	1.10094899e+02
2.58642694e+01	9.83013129e+01	1.53904949e+02	-4.19412929e+01
-6.62744860e+01	6.45201970e+01	1.20814529e+02	1.05656954e+02]
[0.00000000e+00	3.95682955e+01	1.17271121e+02	2.70026337e+01
-1.56829488e+02	1.38061514e+02	6.62348526e+01	6.26229654e+01
-8.99112036e+01	5.53626715e+01	-3.33623103e+01	5.02586940e+01
-1.33546642e+02	5.10098664e+01	1.63015742e+02	-1.51024184e+02
1.59207062e+02	-3.06651201e+01	1.17774792e+02	9.00963320e+01
2.38784873e+01	7.42023806e+01	1.28029850e+02	-3.15828642e+01
-5.70939003e+01	5.60561744e+01	1.04516869e+02	8.47603121e+01]
[0.00000000e+00	7.49120451e+01	2.30114745e+02	4.82770096e+01
-2.92925583e+02	2.73122291e+02	1.22925303e+02	1.14892797e+02
-1.77067477e+02	1.03482762e+02	-6.49005843e+01	9.70922535e+01
-2.46696878e+02	1.01984394e+02	3.11263162e+02	-2.80859741e+02
3.04382566e+02	-6.33641729e+01	2.36867335e+02	1.74217826e+02
4.05776679e+01	1.52680269e+02	2.35107618e+02	-5.72208456e+01
-1.05663859e+02	1.05674103e+02	1.89035443e+02	1.63134418e+02]
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-1.15062115e+02	6.61699635e+01	-3.92959963e+01	6.10089124e+01
-1.61491559e+02	6.96470895e+01	2.02715470e+02	-1.82607402e+02
1.99365039e+02	-4.28492615e+01	1.51451892e+02	1.18951478e+02
2.34092594e+01	9.95077305e+01	1.55113561e+02	-3.84639087e+01
-7.61276772e+01	7.30765760e+01	1.32141865e+02	1.13239684e+02]
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-2.49410550e+02	1.39858090e+02	-9.60503962e+01	1.38608187e+02
-3.48372052e+02	1.38993792e+02	4.37942918e+02	-3.96274102e+02
4.23591542e+02	-8.50530361e+01	3.23439904e+02	2.51334779e+02
6.07639964e+01	2.08438115e+02	3.38983715e+02	-8.81957761e+01
-1.53518709e+02	1.52529967e+02	2.71225180e+02	2.33153383e+02]
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1.74160386e+02	-1.58905319e+02	-7.15662267e+01	-6.86690119e+01
1.04575164e+02	-5.89055441e+01	4.21142783e+01	-5.50849290e+01
1.47279146e+02	-6.03585263e+01	-1.77334976e+02	1.66524388e+02
-1.70250880e+02	3.71906642e+01	-1.31775809e+02	-1.01093337e+02
-2.79787629e+01	-9.11048095e+01	-1.32991083e+02	3.59125141e+01
6.56602178e+01	-6.09319197e+01	-1.15411045e+02	-9.88179600e+01]
[-2.22044605e-16	7.67067061e+01	2.39306986e+02	4.62933736e+01
-3.12805985e+02	2.83872594e+02	1.22173645e+02	1.18911949e+02
-1.88644752e+02	1.03910308e+02	-7.45950757e+01	9.50563155e+01
-2.59470036e+02	1.03474300e+02	3.29021835e+02	-2.98823763e+02
3.15364220e+02	-5.75428753e+01	2.46314346e+02	1.80870760e+02
4.38222481e+01	1.52665939e+02	2.46034545e+02	-5.80952958e+01
-1.17181983e+02	1.10066464e+02	2.03378899e+02	1.74297042e+02]
[0.00000000e+00	1.99785777e+01	7.61508382e+01	1.50848213e+01
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-6.10597450e+01	2.98723522e+01	-2.17328027e+01	3.38241876e+01
-8.00534169e+01	3.03270888e+01	1.02115119e+02	-9.93394759e+01
1.02109203e+02	-1.75895923e+01	7.35923498e+01	6.39816460e+01
9.66873172e+00	5.07563026e+01	8.20058936e+01	-1.65289849e+01
-3.43772985e+01	3.84009615e+01	6.33894447e+01	5.85240252e+01]
[0.00000000e+00	-1.71195810e+02	-5.47788811e+02	-1.01766873e+02
6.97459575e+02	-6.39038009e+02	-2.81409679e+02	-2.60017412e+02
4.18378460e+02	-2.40531267e+02	1.55209219e+02	-2.28166244e+02
5.88397297e+02	-2.37396759e+02	-7.37467518e+02	6.69813956e+02
-7.12352696e+02	1.41249906e+02	-5.49424837e+02	-4.19697930e+02
-9.90455949e+01	-3.52189999e+02	-5.65263378e+02	1.47429512e+02
2.61810378e+02	-2.47573191e+02	-4.60523668e+02	-3.88004567e+02]
[0.00000000e+00	-1.83139584e+02	-5.61024788e+02	-1.07292138e+02
7.14777882e+02	-6.50277470e+02	-2.84557264e+02	-2.68024358e+02
4.28988419e+02	-2.41876442e+02	1.65588649e+02	-2.33598214e+02
5.99373216e+02	-2.38225040e+02	-7.56833812e+02	6.86356875e+02
-7.22677819e+02	1.44695634e+02	-5.57393574e+02	-4.28375246e+02
-1.03708778e+02	-3.60139967e+02	-5.69030467e+02	1.42258825e+02
2.63138720e+02	-2.52456887e+02	-4.63813943e+02	-4.00840519e+02]
[0.00000000e+00	9.41159957e+01	2.78610122e+02	5.13155151e+01
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-2.19728661e+02	1.25083027e+02	-8.16258767e+01	1.15677821e+02
-3.01938474e+02	1.21510435e+02	3.78146553e+02	-3.46218303e+02
3.69216244e+02	-7.35333837e+01	2.84792735e+02	2.13971357e+02
5.39296835e+01	1.78464466e+02	2.93853197e+02	-7.36910729e+01
-1.34772039e+02	1.23762632e+02	2.31866746e+02	2.00562170e+02]

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1.59402735e+02 -8.93020461e+01 6.28710354e+01 -8.75047915e+01
2.30410661e+02 -8.80092602e+01 -2.87274072e+02 2.64333514e+02
-2.78238507e+02 4.98269457e+01 -2.16201926e+02 -1.67346272e+02
-3.83521109e+01 -1.33202853e+02 -2.22984195e+02 5.15255874e+01
9.93120444e+01 -9.23511886e+01 -1.79444525e+02 -1.51248264e+02]
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4.60897273e+02 -2.57654049e+02 1.72105715e+02 -2.43724314e+02
6.34744717e+02 -2.60822485e+02 -8.12277100e+02 7.35124908e+02
-7.77251642e+02 1.52786900e+02 -5.96891135e+02 -4.62264026e+02
-1.07015595e+02 -3.87473855e+02 -6.10503754e+02 1.52314888e+02
2.82584914e+02 -2.68558454e+02 -4.95069422e+02 -4.23755417e+02]
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4.61597768e+02 -2.62224495e+02 1.74327179e+02 -2.44929459e+02
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-1.06077498e+02 -3.90475024e+02 -6.15910833e+02 1.60080193e+02
2.88432921e+02 -2.76140586e+02 -5.01818083e+02 -4.30806784e+02]
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-3.00750653e+02 1.69438952e+02 -1.12994024e+02 1.58904574e+02
-4.17322536e+02 1.65120339e+02 5.23714468e+02 -4.80506562e+02
5.04033122e+02 -9.64480105e+01 3.92013363e+02 2.97302999e+02
6.94410086e+01 2.54987309e+02 3.99191471e+02 -1.01255742e+02
-1.87071305e+02 1.75075942e+02 3.23308382e+02 2.75468116e+02]
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-8.37257338e+01 4.01629228e+01 -2.86435937e+01 4.68960340e+01
-1.14203174e+02 4.90624693e+01 1.37322451e+02 -1.23860545e+02
1.33925039e+02 -3.04027331e+01 1.05068274e+02 7.77009417e+01
1.68660870e+01 6.57381782e+01 1.10442487e+02 -2.68107079e+01
-5.09701192e+01 4.86616969e+01 8.95196552e+01 7.21554938e+01]
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8.76751943e+01 -5.10525821e+01 3.71062637e+01 -4.64411264e+01
1.23440616e+02 -4.77976587e+01 -1.57384136e+02 1.39576514e+02
-1.41499033e+02 2.95018463e+01 -1.10256931e+02 -8.25665713e+01
-2.32258644e+01 -7.58438931e+01 -1.14714180e+02 2.84428974e+01
5.63256557e+01 -4.72825600e+01 -9.56652030e+01 -8.28893175e+01]
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-2.81447940e+02 1.54441931e+02 -1.03016237e+02 1.53791387e+02
-3.93457290e+02 1.52686125e+02 4.91118122e+02 -4.47173079e+02
4.74870419e+02 -9.19666929e+01 3.65450852e+02 2.79297437e+02
6.74870671e+01 2.36730500e+02 3.80716451e+02 -9.88173350e+01
-1.69792124e+02 1.65451307e+02 3.04950768e+02 2.62606160e+02]
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-1.97806459e+02 1.12164048e+02 -7.53737843e+01 1.01243489e+02
-2.70695912e+02 1.06063612e+02 3.35861416e+02 -3.07537099e+02
3.20695217e+02 -6.04044964e+01 2.49869537e+02 1.92742196e+02

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4.94477789e+01 1.63924403e+02 2.58149024e+02 -6.70498543e+01
-1.19483405e+02 1.15848258e+02 2.14625429e+02 1.80269457e+02]
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-7.79003146e+01 3.07591816e+01 1.03792201e+02 -8.94478781e+01
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1.86314018e+01 5.30390690e+01 7.78158393e+01 -1.61854622e+01
-3.51666332e+01 3.55130591e+01 5.88537388e+01 5.61968297e+01]
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4.86601401e+02 -9.55398950e+01 3.79591243e+02 2.86352391e+02
6.74722712e+01 2.40466684e+02 3.83831087e+02 -1.02055070e+02
-1.72931530e+02 1.72541747e+02 3.20683832e+02 2.68579201e+02]
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1.23374311e+02 -1.11915246e+02 -2.06515931e+02 -1.79988895e+02]
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1.00626659e+02	-4.59575038e+01	4.86735915e+01	7.78514030e+01
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2.14224509e+01	-3.56539453e+00	4.40099847e+01	1.99471398e+01
1.92562358e+01	-5.97212333e+00	2.01487269e+01	1.32082083e+01
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2.54288710e+01	-7.14982632e+01	-1.56136548e+02	-6.13533338e+00
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1.80703868e+01	1.83740889e+01	5.46824222e+00	-4.71698826e+01]
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7.08800532e+01	-4.32857353e+01	1.19976252e+01	7.13579135e+01
-1.87710810e+01	-4.30942809e+01	-2.86807532e+01	6.33632828e+01]
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1.67090316e+02	6.24366143e+02	3.28625948e+02	-9.91102880e+02]
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-1.04235985e+02	-7.98225432e+01	1.00346891e+03	1.31911867e+02
6.87806133e+02	-4.63092588e+02	9.37580496e+01	5.65859609e+02
-8.78859618e+01	-3.62468575e+02	-1.88031594e+02	5.74956723e+02]
[-4.44089210e-16	0.00000000e+00	0.00000000e+00	-3.27364135e+02
-6.11002591e+02	4.29389439e+02	2.07930904e+02	-6.41875724e+01
-2.48226049e+01	4.31207481e+02	4.55652287e+01	3.00336793e+02
-1.40195591e+02	3.15544023e+02	7.62129961e+02	2.41330135e+01
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2.76201080e+02	-1.76711251e+02	4.67304125e+01	2.39586782e+02
-4.94512760e+01	-1.49704355e+02	-8.12693108e+01	2.39037618e+02]]
[06-24 17:40:24][INFO]			
[-2.82523599e-02	0.00000000e+00	0.00000000e+00	4.44089210e-16
-1.65552346e+00	1.80793505e+00	1.31768481e+00	1.06941167e+00
-4.48491728e-02	1.34929059e+00	-6.40780839e-01	6.17454935e-01
-1.23751416e+00	2.52461581e+00	3.60274257e+00	8.50147362e-02
1.67463527e+00	6.13158874e-02	9.03574304e-01	1.57555097e+00
1.00972506e+00	-4.59903015e-02	1.89933907e+00	1.16473715e+00
-7.65534337e-01	-6.11684478e-01	-6.37980449e-01	1.28583435e+00]

[0.00000000e+00	-7.11929761e+00	0.00000000e+00	0.00000000e+00
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	-1.25680384e+01	5.85322867e+02	-2.92087525e+02	2.52903273e+02
	-5.45930827e+02	1.10751127e+03	1.54843150e+03	3.55046053e+01
	7.42482181e+02	4.00007793e+01	3.75216539e+02	6.93645684e+02
	4.30991229e+02	-3.54201529e+00	8.39073446e+02	5.13588243e+02
	-3.55926799e+02	-2.79813437e+02	-2.99091255e+02	5.51399833e+02]
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	2.46038478e+01	-2.65020152e+01	-1.96426613e+01	-1.63285219e+01
	1.02177691e+00	-2.03112912e+01	1.00803855e+01	-8.99218048e+00
	1.93379980e+01	-3.79190586e+01	-5.37217262e+01	-2.75874774e-01
	-2.60854396e+01	-1.15197040e+00	-1.36250674e+01	-2.40713368e+01
	-1.48330693e+01	-2.98721707e-01	-2.91830901e+01	-1.72759760e+01
	1.24226686e+01	9.18743644e+00	9.52229491e+00	-1.92889821e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	1.94974642e+01
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	1.88209605e+00	-3.33735660e+01	9.42762533e-01	-2.14692883e+01
	1.54643102e+01	-3.32486044e+01	-6.59760858e+01	-1.69545043e+00
	-8.06102206e+00	1.43221346e+00	-2.90475325e+01	-1.30714989e+01
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	7.27293687e+00	1.24491222e+01	8.55441851e+00	-2.14543961e+01]
[0.00000000e+00	0.00000000e+00	-8.88178420e-16	-5.68434189e-14
	-2.49253778e+02	2.72988428e+02	2.02835670e+02	1.65135440e+02
	-5.39229991e+00	2.11013984e+02	-9.63729341e+01	9.57203609e+01
	-1.89323982e+02	3.86252910e+02	5.43626447e+02	1.36162870e+01
	2.59111569e+02	6.09325523e+00	1.42135290e+02	2.35744368e+02
	1.51470901e+02	-2.01002610e+00	2.85726816e+02	1.80833511e+02
	-1.17172082e+02	-9.48106160e+01	-1.03525746e+02	1.92943421e+02]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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	-5.74102036e+00	4.12620512e+02	-2.01754328e+02	1.76707129e+02
	-3.83520934e+02	7.87667904e+02	1.09063693e+03	3.12018490e+01
	5.26903481e+02	2.34357617e+01	2.61861692e+02	4.92864485e+02
	3.00344322e+02	-2.63893021e+00	5.91962056e+02	3.64104211e+02
	-2.54406449e+02	-1.93295978e+02	-2.06294961e+02	3.94579040e+02]
[	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	3.02631580e+02	-3.31438973e+02	-2.49590951e+02	-2.04441886e+02
	8.32232160e+00	-2.62422723e+02	1.27277366e+02	-1.07587796e+02
	2.42887033e+02	-4.89486279e+02	-6.87737062e+02	-9.33600391e+00
	-3.26253997e+02	-2.17136006e+01	-1.72556279e+02	-3.04161286e+02
	-1.88911051e+02	-2.82444124e+00	-3.65993219e+02	-2.31032487e+02
	1.60493654e+02	1.29949838e+02	1.32589263e+02	-2.42106252e+02]
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	1.37057966e+01	-3.66418624e+02	1.83575885e+02	-1.60970127e+02
	3.46226378e+02	-6.88294207e+02	-9.62274022e+02	-1.34067704e+01
	-4.59528557e+02	-1.87111491e+01	-2.37033290e+02	-4.29335742e+02
	-2.72231620e+02	-3.27090635e+00	-5.16765177e+02	-3.14629564e+02
	2.22837862e+02	1.69663476e+02	1.75034169e+02	-3.48745712e+02]
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	-7.61960556e+00	1.10561814e+02	-5.79925962e+01	4.67716172e+01
	-1.04851157e+02	2.06091511e+02	2.96910150e+02	1.10176917e+00
	1.41746931e+02	8.24647940e+00	7.88406909e+01	1.25528437e+02

8.21358037e+01	-5.40321578e+00	1.54669300e+02	9.89016992e+01
-6.78069751e+01	-4.88512031e+01	-4.88313842e+01	1.08220618e+02]
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4.33236058e+00	-3.31671310e+02	1.65308855e+02	-1.38541270e+02
3.08618605e+02	-6.25656118e+02	-8.70546213e+02	-2.59638928e+01
-4.15062982e+02	-2.15742654e+01	-2.12682805e+02	-3.85070365e+02
-2.45952850e+02	2.46152489e+00	-4.68994397e+02	-2.85817332e+02
2.02707495e+02	1.61742393e+02	1.69111712e+02	-3.05267446e+02]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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4.89765451e+02	-9.91680990e+02	-1.39738661e+03	-3.31824541e+01
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-3.92519162e+02	1.13831527e+01	-7.44108666e+02	-4.63304641e+02
3.12429680e+02	2.49428746e+02	2.65995588e+02	-5.00972390e+02]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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-4.88815722e+02	9.85030679e+02	1.37844986e+03	2.67355975e+01
6.67783284e+02	3.02829570e+01	3.39538025e+02	6.16571801e+02
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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-1.92907846e+02	3.99138871e+02	5.48538512e+02	1.52113823e+01
2.66062333e+02	1.22899309e+01	1.27517386e+02	2.45258125e+02
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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1.91093340e+01	-6.29659673e+02	3.12293038e+02	-2.75749447e+02
5.86673788e+02	-1.19564339e+03	-1.67871197e+03	-3.06427080e+01
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3.79555934e+02	2.96553968e+02	3.14475729e+02	-5.97244713e+02]
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-8.58419462e+01	-5.03462814e+00	-5.10101677e+01	-8.64368420e+01
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3.97003854e+01	3.07789826e+01	3.47017754e+01	-7.29643417e+01]
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-2.12924311e+02	4.16455512e+02	5.92223839e+02	6.19548071e+00
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1.67395614e+02	-6.67552244e+00	3.19578457e+02	1.92675137e+02
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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4.52364319e+01	-2.18375287e+00	2.78606377e+01	4.27041690e+01
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-2.38057808e+01	-1.81419971e+01	-1.77366060e+01	3.58388090e+01]
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2.48518543e+02	-5.03195996e+02	-7.06263658e+02	-1.88148655e+01
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1.63200554e+02	1.31727168e+02	1.36264996e+02	-2.52121813e+02]
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-9.88057551e+01	-4.31349490e+00	-1.96057214e+02	-1.24398350e+02
9.14066144e+01	6.62031802e+01	7.11943093e+01	-1.27074963e+02]
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7.47660778e+02	4.06908524e+01	3.78346070e+02	7.01096842e+02
4.37765685e+02	-3.80151514e-01	8.48146059e+02	5.12018869e+02
-3.58523177e+02	-2.75329086e+02	-2.89599932e+02	5.59401445e+02]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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-2.04960919e+02	4.18736130e+02	5.86642022e+02	1.59395168e+01
2.89164508e+02	1.24090592e+01	1.38704760e+02	2.61518265e+02
1.66926463e+02	4.79689549e+00	3.21227379e+02	1.96849226e+02
-1.34792491e+02	-1.03315346e+02	-1.16474939e+02	2.11461644e+02]
[-4.44089210e-16	0.00000000e+00	0.00000000e+00	0.00000000e+00
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-3.89481524e-01	2.30457452e+01	-1.15925597e+01	1.53838518e+00
-1.80786711e+01	3.72524510e+01	4.36759787e+01	4.37595297e+00
2.78964028e+01	5.79330530e+00	1.03857425e+01	2.58972289e+01
8.92477288e+00	6.46194495e+00	2.36799044e+01	2.31946354e+01
-1.81321729e+01	-1.11003473e+01	-1.49073906e+01	1.70680735e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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-7.86240745e+01	1.62092246e+02	2.38280137e+02	3.06758572e+00
1.08028584e+02	1.75295315e+00	6.22958516e+01	9.96437403e+01
6.45540494e+01	-5.87804023e+00	1.19840855e+02	6.90029030e+01
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00

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-1.03134251e+00 -7.98362932e+01 3.51573360e+01 -3.65514205e+01
6.10765523e+01 -1.30279202e+02 -2.01732403e+02 -3.52992518e+00
-8.12245198e+01 -5.14308991e+00 -5.55844838e+01 -8.62812183e+01
-5.82620726e+01 1.50248774e+00 -9.70415633e+01 -6.80029928e+01
3.96236463e+01 3.85205488e+01 3.72249685e+01 -6.87644625e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
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3.35232008e+02 -6.67139725e+02 -9.39370515e+02 -1.05132769e+01
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-2.60777468e+02 1.97926543e+00 -5.04289137e+02 -3.11123131e+02
2.19972407e+02 1.64494125e+02 1.74071003e+02 -3.33192969e+02]
[-4.44089210e-16 0.00000000e+00 0.00000000e+00 0.00000000e+00
1.55306310e+02 -1.76942895e+02 -1.32011745e+02 -1.07393585e+02
6.77795302e+00 -1.29137620e+02 6.13942944e+01 -6.01344412e+01
1.19451534e+02 -2.42702963e+02 -3.45614309e+02 -4.33374799e+00
-1.61396428e+02 -7.18432933e+00 -8.43688381e+01 -1.54813344e+02
-1.00058384e+02 7.76135222e+00 -1.90487386e+02 -1.08271915e+02
7.26619724e+01 5.93174992e+01 6.23601266e+01 -1.21183575e+02]]
[06-24 17:40:24][INFO]
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1.00963267e+00 4.75056226e-01 8.21475517e-01 -3.85155725e-01]
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1.93107351e+02 -4.15332054e+02 -2.36999278e+02 -1.43380021e+02
-3.97895152e+02 -1.96823807e+02 -4.93423353e+01 -3.65007398e+02
6.61553481e+01 -2.67699929e+02 -1.28937605e+02 -4.34585494e+02
3.85298481e+02 1.73957774e+02 3.10308115e+02 -1.46326115e+02]
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1.45032720e+01 7.27717366e+00 1.48598159e+00 1.36086164e+01
-1.84770216e+00 9.10327975e+00 5.27070002e+00 1.64717575e+01
-1.39592826e+01 -6.96334826e+00 -1.21676620e+01 5.54472550e+00]
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-3.33302531e+01 6.72962348e+01 5.19059365e+01 1.01153023e+01
6.72317240e+01 1.70684182e+01 -1.01628119e+00 5.68254514e+01
1.67845689e+00 2.84278662e+01 4.97839201e+01 4.18845174e+01
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3.83395961e+02	1.88536289e+02	5.11948970e+01	3.48642118e+02
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6.16124941e+01	-2.41977995e+02	-1.10241459e+02	-3.91783562e+02
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00

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1.91589382e+02	-4.25300701e+02	-2.45284751e+02	-1.49208020e+02
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6.92480832e+01	-2.67203800e+02	-1.29633622e+02	-4.45723311e+02
3.90182137e+02	1.83021332e+02	3.25949159e+02	-1.45365566e+02]
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3.06900560e+01	-9.38445124e+01	-4.02456950e+01	-1.57216231e+02
1.41994619e+02	6.61311439e+01	1.11085958e+02	-4.90820175e+01]
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-1.52079793e+02	-7.92997294e+01	-1.09499539e+01	-1.45979286e+02
1.99202657e+01	-9.72587205e+01	-6.33136037e+01	-1.61054072e+02
1.50095097e+02	6.88078608e+01	1.16208328e+02	-5.86389932e+01]
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3.00719548e+00	-5.04407857e+01	-4.34600645e+01	-9.09515136e+01
8.07729887e+01	4.11076537e+01	7.20785833e+01	-3.26356014e+01]
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-4.09321499e+01	7.99173423e+01	4.47088253e+01	2.11613412e+01
7.61806253e+01	2.75455714e+01	3.01695395e+00	5.98436101e+01
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-6.26869395e+01	-2.41130386e+01	-4.68898184e+01	2.75419538e+01]
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2.57568941e+02	1.26800214e+02	3.56400428e+01	2.31245236e+02
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-2.36979828e+02	-1.15247776e+02	-2.01612897e+02	9.69426990e+01]
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9.48107740e+01	4.60227653e+01	1.10162930e+01	8.30329687e+01
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3.45633645e+01	-9.30525065e+01	4.21169181e+00	-9.32048673e+01
1.36002337e+01	3.01110702e+01	-3.07938850e+01	8.32788333e+00
2.17123225e+01	2.06097931e+01	-8.44332824e+00	-7.31589556e+01
4.94397565e+01	1.19513309e+01	1.17543338e+01	5.71334493e+00]
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1.80156891e-01	-6.21856256e-01	8.40356879e-01	6.13758203e-01
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5.93164319e+00	-3.24484096e+00	-9.26445431e+00	4.49244305e+00]
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4.60194421e+01	6.94544940e+01	-9.77688342e+00	5.67257735e+01
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3.40248547e-01	-4.03794064e+01	-8.93308712e+01	3.18219670e+01]
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1.81850109e+01	1.45476562e+01	2.11984523e+01	1.14489113e+01
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4.06751308e+00	7.60857287e+00	3.93099556e+00	1.02445121e+01
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8.28820347e+02	3.35295458e+02	7.81500701e+02	-4.14560537e+02]
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1.51132057e+03	6.33505504e+02	1.51196170e+03	-7.52252985e+02]
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5.05483709e+01	9.53301372e+02	5.79281263e+02	9.36597444e+02
-1.11007188e+03	-4.53075073e+02	-1.09956072e+03	5.53207075e+02]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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4.44089210e-16	4.44089210e-16	1.31712285e+02	2.36556283e+01
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1.76739093e+02	7.22831226e+01	1.64857470e+02	-8.17438792e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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4.97516613e+02	3.78055551e+01	-1.64296223e+02	1.28950982e+02
4.82745222e+01	7.38213574e+02	4.83040133e+02	7.32649386e+02
-8.89290701e+02	-3.62086572e+02	-8.40978549e+02	4.45682020e+02]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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8.29832957e+01 1.51813452e+03 9.39600430e+02 1.50837186e+03
-1.79541333e+03 -7.37037615e+02 -1.74847807e+03 8.96028158e+02]
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1.05492487e+02 5.24034476e+01 1.08435020e+02 -5.20404567e+01]
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1.08667999e+03 4.35711262e+02 1.03010351e+03 -5.35345251e+02]
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8.46732156e+01	-1.32981551e+01	-4.63243810e+01	7.12224468e+01
2.48530113e+01	-7.51566493e+01	1.22438046e+02	-1.27847706e+02
-4.39800504e+01	8.92648916e+00	1.30332697e+02	2.65481781e+01]
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1.03821372e+01	-1.10469126e+00	-5.91380062e+00	9.56297989e+00
3.76986119e+00	-1.19284965e+01	1.70324278e+01	-1.72527586e+01
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[-2.22044605e-16	0.00000000e+00	0.00000000e+00	0.00000000e+00
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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4.74086028e+01	-1.39057936e+02	2.14870737e+02	-2.16884181e+02
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5.04875954e+01	-8.86885680e+00	-1.55441291e+02	-3.40997021e+01]
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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1.18047544e+01	-2.35111548e+01	4.89263864e+01	-4.36405758e+01
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1.72701121e+01	-1.35352577e+00	-3.91457740e+01	-8.57771515e+00]
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2.06476873e+02	7.68125465e+01	1.05087035e+02	2.04271503e+02
-3.18877959e+02	4.04158440e+01	1.62458468e+02	-2.78963909e+02
-1.00590643e+02	2.89518797e+02	-4.74097670e+02	4.49155285e+02
1.69791276e+02	-1.71319501e+01	-4.67465725e+02	-1.01231809e+02]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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3.69070014e+01	-1.65429677e+01	-9.86448455e+00	6.13629245e+00
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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0.00000000e+00	0.00000000e+00	0.00000000e+00	-5.47734235e+00
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9.18572925e+01	-2.88218553e+02	4.50050466e+02	-4.24847229e+02
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[06-24 17:40:24][INFO]

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4.54093657e+01	-1.40788716e+02	2.28449951e+02	-2.22808175e+02
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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-5.08542867e+01	1.65032558e+02	-2.84042422e+02	2.68195299e+02
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2.78900783e+03	-2.25165567e+02	-7.14463259e+03	-1.61170373e+03]
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1.01032375e+03	-7.85695741e+01	-2.62367951e+03	-5.89478285e+02]
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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4.31916135e+02	-3.41035378e+01	-1.09739626e+03	-2.47446586e+02]
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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-5.99412525e+03 1.18263295e+03 2.84472962e+03 -4.59618995e+03
-1.66722741e+03 5.13773108e+03 -8.42843020e+03 8.18293304e+03
 3.18208759e+03 -2.55052334e+02 -8.15538233e+03 -1.83655249e+03]
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 8.79597615e+02 -2.72885503e+03 4.45629621e+03 -4.34172043e+03
-1.67187566e+03 1.33730349e+02 4.33000541e+03 9.73692326e+02]
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 1.01368349e+03 -3.14095965e+03 5.13046666e+03 -4.97548659e+03
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[06-24 17:40:24][INFO]
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 9.58948147e+01 1.73010564e+01 6.37622644e+01 -3.04799625e+01]
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 2.15264188e+01 3.51045896e+00 1.53836159e+01 -5.86791054e+00]
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1.98452066e+02	4.27218401e+01	1.27239214e+02	-5.81427970e+01]
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2.36356096e+02	3.76877380e+01	1.68794304e+02	-6.08786035e+01]
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	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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0.00000000e+00	0.00000000e+00	3.04936482e+00	-7.24445567e+00
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4.37347275e+00	-1.14846002e+00	-1.28971075e+00	3.34374827e+00
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-8.37684916e-01	-1.90247665e-01	2.13996713e+00	6.55130619e-01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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1.41128932e+01	-2.26281571e+01	-9.98717235e+01	6.75284881e+00]
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	8.89805710e+01	7.10199615e+01	1.46970945e+01
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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0.00000000e+00	0.00000000e+00	0.00000000e+00	8.88178420e-16
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1.06143352e+01	1.07111603e+01	-8.69522515e+00	-7.41176762e+00]

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	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	6.85530409e+00	-2.25365378e+01
	-1.05882592e+02	2.48217155e+01	1.73919375e+01	-6.65224070e+01
	-5.77210699e+00	4.52621116e+01	-5.11890260e+01	-1.38414878e+01
	2.53804204e+01	-1.82246263e-01	-3.46384581e+01	-2.08467123e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	-1.42108547e-14	0.00000000e+00	0.00000000e+00
	1.77635684e-15	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	3.32545981e+00	-7.90959914e+00
	-5.16765948e+01	1.08986327e+01	-2.67739818e+00	-3.99935731e+01
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	6.56212294e+00	4.95194523e+00	-1.77454754e+01	-9.65404331e+00]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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	-4.87398394e-01	-3.26561596e+01	4.21290789e+01	5.78734666e+01
	-1.99620340e+01	5.74536057e+00	3.69394528e+01	2.00752819e+01]
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	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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	-4.41913838e+00	-4.65670988e+00	1.07595918e+01	-2.68355959e+01
	-3.59076735e-01	1.35485784e+01	-4.77751691e+00	-1.63991735e+01
	1.63448788e+00	2.12224690e+00	-1.58145092e+01	-1.81116704e+00]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	1.77635684e-15	0.00000000e+00
	4.44089210e-16	4.44089210e-16	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	5.43719142e+00	8.21049402e-01
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	8.63136382e+00	1.23993295e+00	-1.08744512e+01	1.58345894e+00]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	-7.99829431e+00	1.32628633e+01
	5.94097848e+01	-2.01729281e+01	1.64663807e+01	1.02867190e+01
	-5.96435861e+00	1.20345551e+00	1.10420715e+01	2.59400142e+01
	-7.62198750e+00	-2.03692124e+00	7.90022177e+00	6.15994657e+00]
[-2.22044605e-16	0.00000000e+00	0.00000000e+00	0.00000000e+00
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	0.00000000e+00	0.00000000e+00	2.27373675e-13	0.00000000e+00
	0.00000000e+00	0.00000000e+00	6.52675797e-01	-1.75275301e+01
	-5.35886555e+01	3.16593304e+00	1.45774491e+01	-6.41262262e+01
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	4.22257697e+00	-1.64288609e+00	-2.38240244e+01	-7.83515015e+00]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	1.23424343e+01	-4.39607919e+01
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 0.00000000e+00  0.00000000e+00  0.00000000e+00  1.77635684e-15
 0.00000000e+00  0.00000000e+00  1.18829146e+01 -3.90455784e+01
-9.23807591e+01  2.12824605e+01 -6.85003731e-01 -5.52851286e+01
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 1.27707357e+01  2.33109106e+00 -9.83796400e+00 -1.28638886e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
 1.42108547e-14  0.00000000e+00  0.00000000e+00  0.00000000e+00
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-5.05113043e+01  1.18464182e+01  1.45680226e+01 -4.48022040e+01
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[ 0.00000000e+00  0.00000000e+00  0.00000000e+00  0.00000000e+00
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-1.35000829e+00 -2.41275805e+01  2.92251168e+01  1.28172908e+01
-8.04181837e+00 -3.51894908e+00  2.60034742e+01  1.39122694e+01]
[ 0.00000000e+00  0.00000000e+00 -1.77635684e-15  0.00000000e+00
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 7.77703282e+01 -9.70832913e+00 -4.87419709e+00  5.75563395e+01
 1.81150786e+00 -3.32107149e+01  4.20894281e+01  2.81998394e+01
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 0.00000000e+00  0.00000000e+00  0.00000000e+00  2.62630046e+02
 1.01884997e+03 -2.36871914e+02  1.09346327e+02  4.67222274e+02
 1.02864303e+01 -2.62773067e+02  3.14422249e+02  5.85294836e+02
-1.84145727e+02 -1.81130340e+02  1.56139141e+02  1.26303284e+02]
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 1.58962687e+00 -3.50938317e+01  4.15476050e+01  7.43972578e+01
-2.37943745e+01 -2.31840335e+01  2.15106802e+01  1.70095439e+01]
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1.72554246e+01	-8.86763435e+02	1.06472241e+03	2.05500473e+03
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[-4.44089210e-16	0.00000000e+00	0.00000000e+00	0.00000000e+00
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-1.67179592e+01	3.54717805e+02	-4.35547831e+02	-8.13741243e+02
2.66281132e+02	2.75274046e+02	-1.93379895e+02	-1.77291238e+02]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-7.91052706e+02
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-2.04515759e+01	8.21621097e+02	-9.80282213e+02	-1.81397482e+03
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	7.10542736e-15	-5.30846874e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	2.2394370e+02
9.14547739e+02	-2.23119051e+02	9.62539785e+01	4.06443261e+02
7.50937880e+00	-2.27079395e+02	2.76784375e+02	5.02095101e+02
-1.64871359e+02	-1.56343391e+02	1.42655145e+02	1.15722193e+02]
[-4.44089210e-16	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	8.49606193e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	2.18338927e+01
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4.19760945e+00	-3.58687431e+01	4.94753618e+01	4.51621127e+01
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	1.42108547e-14	0.00000000e+00	0.00000000e+00
2.35315686e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-1.23589851e+02
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-4.77251577e+00	1.26833590e+02	-1.53100433e+02	-2.78978299e+02
8.92916293e+01	8.56205394e+01	-7.76721454e+01	-6.23806371e+01]
[0.00000000e+00	0.00000000e+00	-8.88178420e-16	-5.68434189e-14
0.00000000e+00	1.42108547e-14	0.00000000e+00	0.00000000e+00
0.00000000e+00	-1.34040166e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-1.43131423e+01
-5.32039568e+01	1.26897570e+01	-7.95448926e+00	-2.20984294e+01
-4.23902034e-01	1.21334246e+01	-1.45748794e+01	-3.25472668e+01
9.52101750e+00	1.02629479e+01	-6.34584456e+00	-6.57813399e+00]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	-4.97867553e+01	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	3.39246319e+02
1.00725145e+03	-2.26107728e+02	1.81988886e+02	3.84015724e+02
1.67543022e+01	-1.93930010e+02	2.53194075e+02	7.53918157e+02
-1.76888467e+02	-2.15371852e+02	5.65959028e+01	1.40125092e+02]

[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	-2.80737210e-01
	0.00000000e+00	0.00000000e+00	0.00000000e+00	-2.12899891e+01
	-8.56489095e+01	2.10517159e+01	-9.80593433e+00	-3.73928858e+01
	-7.91790634e-01	2.14939341e+01	-2.58272857e+01	-4.79822970e+01
	1.53363971e+01	1.51767649e+01	-1.26196811e+01	-1.07889622e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	1.18652029e+02	0.00000000e+00	0.00000000e+00	-1.01869192e+03
	-4.86189958e+03	1.16561814e+03	-4.33172914e+02	-2.21785573e+03
	-9.19242704e+01	1.32834241e+03	-1.68639563e+03	-2.35082138e+03
	9.55241522e+02	8.36399137e+02	-9.41912752e+02	-6.47762291e+02]
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	-1.10595644e+04	2.64298062e+03	-1.31746390e+03	-4.87066144e+03
	-1.16446215e+02	2.80792367e+03	-3.32876247e+03	-6.27572052e+03
	1.95893903e+03	2.01502714e+03	-1.66698126e+03	-1.38548827e+03]
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	0.00000000e+00	0.00000000e+00	0.00000000e+00	8.88178420e-16
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	1.06143352e+01	1.07111603e+01	-8.69522515e+00	-7.41176762e+00]
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	2.18810490e+02	1.95012313e+02	-1.93095674e+02	-1.55914872e+02]
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	1.00393690e+02	9.96394535e+01	-9.46119567e+01	-7.51746581e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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	3.57300571e+01	-1.02414802e+03	1.23342316e+03	2.28685137e+03
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2.95635922e+00	4.98047578e+00	4.46702642e+00	-4.11362018e-01]
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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-6.34353510e+00	-6.12776382e+00	-1.71095099e+01	4.97753616e+01
-3.65900391e+01	-5.75308518e+01	-5.72130275e+01	7.43280063e+00]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	1.77635684e-15	0.00000000e+00
4.44089210e-16	4.44089210e-16	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-1.19681561e+02	8.09750323e+01	-1.14347357e+02	1.44929608e+02
1.11196415e+01	2.57282419e+01	2.27043144e+01	-6.58707302e+01
5.17997726e+01	7.35540682e+01	5.29376698e+01	-4.76270313e+00]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
1.43430551e+02	-1.13266041e+02	1.82147197e+02	-2.56133003e+02
-1.97953198e+01	-5.88039404e+00	-5.60605736e+01	8.79819089e+01
-6.34033107e+01	-1.02635726e+02	-9.92399578e+01	8.43745892e+00]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	2.84217094e-14
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-1.36844544e+02	9.73019415e+01	-1.25330658e+02	1.90611686e+02
6.97092757e+00	4.05371772e+01	2.19486873e+01	-4.43632818e+01
6.72310905e+01	8.15810724e+01	6.74335039e+01	-1.73511998e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00

0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-1.24841327e+02	1.45290727e+02	-2.51297021e+02	4.08771948e+02
2.11108490e+01	1.92021286e+01	1.10075766e+02	-9.64863674e+01
8.65464537e+01	1.45128539e+02	1.52131719e+02	1.27353759e+00]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	1.77635684e-15
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-1.46119830e+02	1.46931402e+02	-2.48077679e+02	3.90379460e+02
1.86997410e+01	9.20056451e+00	9.79782062e+01	-1.17006583e+02
8.53244152e+01	1.44066396e+02	1.67075090e+02	-6.81408328e+00]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
1.42108547e-14	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-4.44089210e-16	0.00000000e+00	-4.44089210e-16
0.00000000e+00	-2.84217094e-14	0.00000000e+00	0.00000000e+00
6.85908209e+01	-9.26801672e+01	1.90731819e+02	-3.08220238e+02
-2.23747875e+01	1.40280988e+01	-1.03900662e+02	9.47879491e+01
-4.53951181e+01	-1.02470474e+02	-1.30499042e+02	-2.12255755e+00]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-2.27373675e-13	0.00000000e+00	0.00000000e+00	5.68434189e-14
1.90748804e+02	-1.50491314e+02	2.35071526e+02	-3.41348507e+02
-2.09045838e+01	-3.19365822e+01	-6.78647922e+01	9.53098975e+01
-8.50356288e+01	-1.43606375e+02	-1.26132848e+02	1.60353680e+01]
[0.00000000e+00	0.00000000e+00	-1.77635684e-15	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
1.77635684e-15	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	5.68434189e-14	0.00000000e+00	0.00000000e+00
-5.53398629e+01	5.20380612e+01	-8.39365832e+01	1.22633109e+02
6.55062878e+00	-5.51375807e+00	3.96735839e+01	-5.28887435e+01
3.16296856e+01	5.64966506e+01	5.26111927e+01	-2.70056758e+00]]
[06-24 17:40:24][INFO]			
[-2.82523599e-02	0.00000000e+00	0.00000000e+00	4.44089210e-16
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-9.84305012e-02	1.64162620e-01	-3.15710114e-01
6.33767378e-03	6.74393757e-02	-1.28807075e-01	7.55167068e-02
-5.58630607e-02	-1.24332159e-01	-1.40605524e-01	6.95418740e-03]
[0.00000000e+00	-7.11929761e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	7.10542736e-15	-1.42108547e-14
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-1.46426799e+01	4.50181487e+01	-9.10175853e+01
-4.26929762e+00	-1.42377453e+01	-1.45827846e+01	1.42718535e+00
-1.34131735e+01	-2.16023208e+01	-3.37997160e+01	-4.40483468e+00]
[0.00000000e+00	0.00000000e+00	-7.61958043e-01	7.10542736e-15
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	6.45883547e-01	-1.46741995e+00	6.54131403e-01
2.79335075e-01	-4.02579576e+00	3.06776363e+00	-3.97271935e+00
4.44044347e-01	1.66681394e+00	1.72492182e+00	2.12500892e-01]

[	0.00000000e+00	0.00000000e+00	0.00000000e+00	1.94974642e+01
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	-8.88178420e-16
	2.27373675e-13	5.68434189e-14	0.00000000e+00	0.00000000e+00
	0.00000000e+00	-1.48472601e+00	3.76383953e+01	-7.68647926e+01
	-2.01951631e+01	-4.64930886e+01	1.35306870e+01	-4.33259983e+01
	9.43831243e+00	2.05360979e+01	-1.10114366e+01	-5.24519873e+00]
[	-4.44089210e-16	0.00000000e+00	0.00000000e+00	0.00000000e+00
	-1.69100921e+01	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	2.27373675e-13	-8.88178420e-16
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	-1.79269549e+00	4.61777462e+00	2.01899732e+01
	-4.28990368e+00	2.28281333e+01	-3.26385632e+01	4.00515449e+01
	-1.57504387e+00	-5.32826305e+00	5.78890194e+00	3.55734654e+00]
[	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	2.79388763e+01	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	-4.91442564e+01	8.63336138e+01	-1.34079175e+02
	3.71315945e+00	8.95853148e+01	-1.08482517e+02	1.03533881e+02
	-2.44772552e+01	-7.47547737e+01	-6.66156746e+01	-4.12996042e+00]
[	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	7.10542736e-15	-5.30846874e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	1.09608372e+01	-3.11298606e+01	3.77683012e+01
	7.99249186e-01	-2.04474611e+01	3.12775302e+01	-4.03326059e+01
	7.73716960e+00	2.82624565e+01	2.66390625e+01	2.20329560e+00]
[	-4.44089210e-16	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	8.49606193e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	2.62135079e+01	-6.87946053e+01	1.11141254e+02
	8.09088236e+00	-1.95022037e+01	5.30316834e+01	-4.45818594e+01
	1.71723429e+01	4.29231768e+01	4.95093348e+01	4.30045697e+00]
[	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	1.42108547e-14	0.00000000e+00	0.00000000e+00
	2.35315686e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	-1.42108547e-14
	0.00000000e+00	-2.97939859e+00	4.15658479e+00	-2.78104292e+00
	1.24220538e-02	1.16144598e+01	-1.07806976e+01	1.24519231e+01
	-1.02236302e+00	-7.25889240e+00	-4.87288110e+00	-2.00867396e-02]
[	0.00000000e+00	0.00000000e+00	-8.88178420e-16	-5.68434189e-14
	0.00000000e+00	1.42108547e-14	0.00000000e+00	0.00000000e+00
	0.00000000e+00	-1.34040166e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	-1.77635684e-15
	0.00000000e+00	2.76246201e+00	-7.97146272e+00	1.34721294e+01
	6.44303659e-01	-1.64297771e+00	5.02074739e+00	-2.94664987e+00
	1.54371550e+00	3.93994913e+00	6.21376933e+00	4.32018718e-01]
[	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	-4.97867553e+01	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	2.84217094e-14	-2.29447058e+02	5.67303236e+02	-1.02143284e+03

-3.86035622e+01	1.57879346e+02	-3.93189368e+02	2.94866622e+02
-1.32858341e+02	-3.24585227e+02	-4.82350439e+02	-1.36435722e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-2.80737210e-01
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-8.88178420e-16	1.62866333e-01	4.44127076e-02	1.08785701e+00
2.63878845e-02	1.65103889e+00	-1.34771212e+00	2.26959282e+00
-2.50792094e-01	-8.75475208e-01	-1.27958374e-01	-4.40204280e-02]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
1.18652029e+02	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-5.52048569e+02	1.19654533e+03	-2.06905300e+03
-1.43179881e+02	4.54986079e+02	-1.06261577e+03	7.83559944e+02
-2.27096605e+02	-7.11375800e+02	-1.07028217e+03	-9.63639297e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	8.89805710e+01	0.00000000e+00	0.00000000e+00
0.00000000e+00	-2.05932835e+02	2.59613644e+02	-4.81954940e+02
-3.86442479e+01	3.17796128e+02	-3.86069978e+02	2.93464573e+02
-1.38585263e+02	-2.39181433e+02	-2.92663768e+02	-1.47151406e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-5.68434189e-14	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	8.88178420e-16
0.00000000e+00	-5.68434189e-14	-3.76179855e-01	0.00000000e+00
0.00000000e+00	-1.08524114e+00	1.71897685e+00	-2.91504181e+00
-1.38282607e-01	1.55831378e+00	-2.19330150e+00	1.78465680e+00
-6.12675008e-01	-1.39449999e+00	-1.46952160e+00	-1.06635052e-01]
[-2.22044605e-16	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	2.27373675e-13	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-4.24297074e+01
0.00000000e+00	-1.18878768e+02	2.39267397e+02	-4.54946111e+02
-2.18356979e+01	5.65526690e+01	-1.71157724e+02	6.29838309e+01
-6.64959637e+01	-1.42270164e+02	-1.87172101e+02	-1.30842652e+01]
[0.00000000e+00	0.00000000e+00	-1.77635684e-15	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
1.77635684e-15	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	5.68434189e-14	0.00000000e+00	0.00000000e+00
-5.53398629e+01	5.20380612e+01	-8.39365832e+01	1.22633109e+02
6.55062878e+00	-5.51375807e+00	3.96735839e+01	-5.28887435e+01
3.16296856e+01	5.64966506e+01	5.26111927e+01	-2.70056758e+00]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	1.61360386e-01	1.13300182e+01	-6.52699416e+01
-5.82733114e+00	-7.73242327e+01	5.22701055e+01	-8.43557406e+01
-1.11214353e+00	3.03530254e+01	3.43801088e+00	5.82548950e+00]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	1.13686838e-13
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00

0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	2.99568289e+01	-5.53492620e+01	9.78521026e+01
5.55411835e+00	-1.61421891e+01	5.49480846e+01	-4.62844157e+01
2.08577344e+01	4.50818274e+01	3.83426451e+01	2.52786427e+00]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	1.77635684e-15	0.00000000e+00
4.44089210e-16	4.44089210e-16	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-3.15658391e+01	6.71793181e+01	-1.20284671e+02
-3.04717130e+00	3.76526512e+01	-6.30963399e+01	4.85098816e+01
-1.66046278e+01	-4.86292364e+01	-6.08426928e+01	1.07771871e+00]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	2.16068589e+01	-3.54006923e+01	6.17090258e+01
-2.81731796e+00	-2.01710213e+01	4.67659185e+01	-4.90957996e+01
1.85749050e+01	4.37930009e+01	3.71183912e+01	1.43809400e+00]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	2.84217094e-14
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-3.13778997e+01	8.22279245e+01	-1.12635755e+02
-9.22748280e+00	5.41716112e+01	-7.61562450e+01	8.64201285e+01
-1.09828710e+01	-5.81239791e+01	-6.26635781e+01	-1.06732299e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	2.78979420e+01	-6.19442859e+01	1.32123630e+02
6.33327013e+00	3.16406284e+01	2.05760350e+01	2.28254734e+01
1.51929716e+01	1.76776125e+01	3.34460060e+01	7.36575436e+00]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	1.77635684e-15
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	9.52967573e+00	-2.64508324e+01	6.65779884e+01
1.40340674e+00	2.37591368e+01	-6.77625180e+00	2.26412910e+01
1.80913257e+00	-5.10782631e+00	2.81600634e+01	3.16517633e-01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
1.42108547e-14	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-4.44089210e-16	0.00000000e+00	-4.44089210e-16
0.00000000e+00	-2.84217094e-14	0.00000000e+00	0.00000000e+00
0.00000000e+00	-2.81817541e+01	8.66968821e+01	-1.56223013e+02
-1.42556311e+01	7.19408853e+00	-5.47273620e+01	2.92351605e+01
-6.19180268e+00	-3.24458767e+01	-6.52902633e+01	-5.46976763e+00]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-2.27373675e-13	0.00000000e+00	0.00000000e+00	5.68434189e-14
0.00000000e+00	2.88766393e+01	-5.42461925e+01	8.13507477e+01
1.67452174e+00	-5.09417387e+01	6.88845288e+01	-8.69902390e+01
2.39874945e+01	5.11297154e+01	5.52106095e+01	6.72688750e+00]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00

0.00000000e+00	-1.42108547e-14	0.00000000e+00	0.00000000e+00
1.77635684e-15	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-2.51273755e+01	4.62954256e+01	-9.54686041e+01
-1.79390783e+00	2.78181747e+01	-4.55921927e+01	4.07259753e+01
-1.59939579e+01	-3.36108421e+01	-4.49727394e+01	-5.63578097e+00]
[06-24 17:40:24][INFO]			
[-2.82523599e-02	0.00000000e+00	0.00000000e+00	4.44089210e-16
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	7.07552045e+00	-4.01306438e+01
-3.54835836e+00	-4.71006616e+01	3.17561729e+01	-5.13818331e+01
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[0.00000000e+00	-7.11929761e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	7.10542736e-15	-1.42108547e-14
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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-5.33071604e+02	-7.03104039e+03	4.72867818e+03	-7.65345103e+03
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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2.36046220e+01	3.05482944e+02	-2.06155838e+02	3.33681313e+02
4.89566488e+00	-1.19828431e+02	-1.20365392e+01	-2.31054145e+01]
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-8.88178420e-16
2.27373675e-13	5.68434189e-14	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	1.41889340e+02	-6.77433386e+02
-7.38142100e+01	-7.57976882e+02	4.94483832e+02	-8.19508835e+02
-7.94858596e-01	2.99823520e+02	2.06227477e+01	4.83569027e+01]
[-4.44089210e-16	0.00000000e+00	0.00000000e+00	0.00000000e+00
-1.69100921e+01	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	2.27373675e-13	-8.88178420e-16
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-2.22044605e-16	1.30492985e+02	-7.04951637e+02
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	3.53702763e+03	-2.00128290e+04
-1.77107099e+03	-2.34604446e+04	1.58110100e+04	-2.55880268e+04
-3.63194013e+02	9.16962607e+03	9.80472105e+02	1.77009330e+03]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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8.32825028e+01	-2.03354823e+03	-2.06897051e+02	-3.93508709e+02]
[-4.44089210e-16	0.00000000e+00	0.00000000e+00	0.00000000e+00
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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9.54759360e+02	1.25420653e+04	-8.43841320e+03	1.36592765e+04
1.97843597e+02	-4.88802234e+03	-5.09006468e+02	-9.42068841e+02]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	1.42108547e-14	0.00000000e+00	0.00000000e+00
2.35315686e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-1.42108547e-14
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-2.15572598e+01	5.53186973e+02	5.86074132e+01	1.07543211e+02]
[0.00000000e+00	0.00000000e+00	-8.88178420e-16	-5.68434189e-14
0.00000000e+00	1.42108547e-14	0.00000000e+00	0.00000000e+00
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0.00000000e+00	0.00000000e+00	0.00000000e+00	-1.77635684e-15
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1.00407209e+02	1.32213456e+03	-8.89834454e+02	1.44120910e+03
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	-4.97867553e+01	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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-8.32480079e+03	-1.09793628e+05	7.39324999e+04	-1.19655122e+05
-1.71427536e+03	4.28360228e+04	4.40634313e+03	8.26993494e+03]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-2.80737210e-01
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8.71730870e-01	-3.15117799e+01	-3.59805559e+00	-5.92387817e+00]
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
1.18652029e+02	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	3.99589732e+04	-2.25371555e+05
-2.00797324e+04	-2.64087837e+05	1.77764652e+05	-2.87815563e+05
-4.03197871e+03	1.03132849e+05	1.06918922e+04	1.98338880e+04]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	8.89805710e+01	0.00000000e+00	0.00000000e+00
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-7.47565434e+03	-9.83656467e+04	6.63225644e+04	-1.07363794e+05
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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0.00000000e+00	0.00000000e+00	0.00000000e+00	8.88178420e-16

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[-2.22044605e-16	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	2.27373675e-13	0.00000000e+00
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-4.31499565e+03	-5.69104004e+04	3.83377099e+04	-6.20842803e+04
-8.85843612e+02	2.22196636e+04	2.34570792e+03	4.27871890e+03]
[0.00000000e+00	0.00000000e+00	-1.77635684e-15	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
1.77635684e-15	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	5.68434189e-14	0.00000000e+00	0.00000000e+00
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1.88584097e+03	2.49312335e+04	-1.68172206e+04	2.71514909e+04
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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-5.82733114e+00	-7.73242327e+01	5.22701055e+01	-8.43557406e+01
-1.11214353e+00	3.03530254e+01	3.43801088e+00	5.82548950e+00]
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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1.08740801e+03	1.43392325e+04	-9.64908550e+03	1.56145017e+04
2.27329064e+02	-5.59000873e+03	-5.99929897e+02	-1.07898413e+03]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	1.77635684e-15	0.00000000e+00
4.44089210e-16	4.44089210e-16	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	2.28359402e+03	-1.28886012e+04
-1.14300848e+03	-1.50887631e+04	1.01621503e+04	-1.64534322e+04
-2.34165732e+02	5.88912749e+03	6.11712085e+02	1.14067876e+03]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	-1.55253950e+03	8.80163867e+03
7.77487718e+02	1.03338807e+04	-6.95242901e+03	1.12465055e+04
1.67495771e+02	-4.02060938e+03	-4.23246250e+02	-7.78620339e+02]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	2.84217094e-14
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00

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0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
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1.01383300e+03 1.34003925e+04 -9.01651420e+03 1.46072697e+04
2.07473843e+02 -5.23012181e+03 -5.60959042e+02 -9.99815574e+02]
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0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 1.77635684e-15
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 -6.95582841e+02 3.92131206e+03
3.45555881e+02 4.59039957e+03 -3.09376165e+03 5.00455087e+03
6.74904777e+01 -1.79770697e+03 -1.74883135e+02 -3.43727193e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
1.42108547e-14 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 -4.44089210e-16 0.00000000e+00 -4.44089210e-16
0.00000000e+00 -2.84217094e-14 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 2.06549598e+03 -1.15556841e+04
-1.03200489e+03 -1.34975611e+04 9.07429925e+03 -1.47035800e+04
-2.00428791e+02 5.26874060e+03 5.35161803e+02 1.01195785e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
-2.27373675e-13 0.00000000e+00 0.00000000e+00 5.68434189e-14
0.00000000e+00 0.00000000e+00 -2.08183708e+03 1.17618915e+04
1.04451870e+03 1.37868039e+04 -9.28523900e+03 1.50090960e+04
2.23013838e+02 -5.38076958e+03 -5.60046968e+02 -1.03578772e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 -1.42108547e-14 0.00000000e+00 0.00000000e+00
1.77635684e-15 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 1.81062946e+03 -1.02594399e+04
-9.09238054e+02 -1.20132724e+04 8.09401754e+03 -1.30953257e+04
-1.89179266e+02 4.69302551e+03 4.90401479e+02 9.01521582e+02]]
[06-24 17:40:24][INFO]
[[-2.82523599e-02 0.00000000e+00 0.00000000e+00 4.44089210e-16
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0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
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-3.33382105e-02 -4.06775339e-01 2.86199058e-01 -4.75168944e-01
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0.00000000e+00 0.00000000e+00 7.10542736e-15 -1.42108547e-14
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
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0.00000000e+00	0.00000000e+00	0.00000000e+00	-8.88178420e-16
2.27373675e-13	5.68434189e-14	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	1.22460384e+02
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1.29722713e+01	-6.68839947e+01	-1.50510084e+01	-2.17587207e+01]
[-4.44089210e-16	0.00000000e+00	0.00000000e+00	0.00000000e+00
-1.69100921e+01	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	2.27373675e-13	-8.88178420e-16
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-2.22044605e-16	0.00000000e+00	3.06957735e+01
-4.20378833e+00	2.49345319e+01	-3.23206475e+01	4.17344555e+01
-1.26945858e+00	-5.36368698e+00	1.11763215e+01	3.79383707e+00]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	2.79388763e+01	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-7.30198389e+01
-1.39248589e+01	-1.18336145e+02	7.92815094e+01	-1.39965564e+02
-2.00060128e+01	2.83148820e+01	9.11941590e+01	2.22460163e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	7.10542736e-15	-5.30846874e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-4.27920738e+01
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5.58777755e+00	3.59637006e+01	-5.57239623e+00	2.18844302e+00]
[-4.44089210e-16	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	8.49606193e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-4.96476867e+01
6.19992413e+00	-5.86949710e+01	5.40390084e+01	-7.83393694e+01
1.25805669e+01	4.67277273e+01	-2.89479392e+01	1.47080018e+00]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	1.42108547e-14	0.00000000e+00	0.00000000e+00
2.35315686e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-1.42108547e-14
0.00000000e+00	4.44089210e-16	0.00000000e+00	-5.15329674e+00
-1.59215000e+00	-8.10130752e+00	5.39476041e+00	-1.00622895e+01
-8.55832392e-01	1.77436589e+00	4.96531960e+00	2.11139644e+00]
[0.00000000e+00	0.00000000e+00	-8.88178420e-16	-5.68434189e-14
0.00000000e+00	1.42108547e-14	0.00000000e+00	0.00000000e+00
0.00000000e+00	-1.34040166e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-1.77635684e-15
0.00000000e+00	-4.44089210e-16	0.00000000e+00	-7.54069590e+00
8.65126157e-02	-1.05357969e+01	8.33669526e+00	-1.16963685e+01
9.89797988e-01	6.20601438e+00	-1.87286316e+00	4.90439211e-01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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0.00000000e+00	0.00000000e+00	-4.97867553e+01	0.00000000e+00

0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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-3.93682276e+01	2.70903287e+02	-2.46974213e+02	3.39562067e+02
-9.60485196e+01	-2.67801138e+02	2.13150361e+02	2.83490389e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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-2.33539947e-01	-2.07128522e+00	-7.34048220e-01	-2.94763540e-01]
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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-1.54870142e+02	-1.39572502e+02	6.45424510e+02	8.78780753e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	8.89805710e+01	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-8.01995537e+02
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-1.29761047e+02	4.56738599e+02	3.94302670e+02	1.46291447e+02]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-5.68434189e-14	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	8.88178420e-16
0.00000000e+00	-5.68434189e-14	-3.76179855e-01	0.00000000e+00
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-6.20930304e-01	-4.27060072e+00	2.78703260e+00	-4.94156074e+00
-5.32131004e-01	1.36617080e+00	2.06249932e+00	5.68477981e-01]
[-2.22044605e-16	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	2.27373675e-13	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-4.24297074e+01
0.00000000e+00	0.00000000e+00	0.00000000e+00	-1.35706121e+02
-4.93851960e+01	-2.45595959e+02	1.47701419e+02	-3.07109913e+02
-5.27277457e+01	2.84116299e+01	1.86915758e+02	3.56821395e+01]
[0.00000000e+00	0.00000000e+00	-1.77635684e-15	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
1.77635684e-15	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	5.68434189e-14	0.00000000e+00	0.00000000e+00
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2.89435446e+01	2.64018666e+02	-1.92418772e+02	2.58770651e+02
2.76209895e+01	-7.19756996e+01	-1.16371889e+02	-3.43263001e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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-1.98735690e-01	-2.55339661e+00	1.87729292e+00	-2.83899085e+00
-1.28232279e-02	1.07103134e+00	5.89422647e-01	2.26680688e-01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00

0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	1.77635684e-15
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	-6.95582841e+02	3.92131206e+03
3.4555881e+02	4.59039957e+03	-3.09376165e+03	5.00455087e+03
6.74904777e+01	-1.79770697e+03	-1.74883135e+02	-3.43727193e+02]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	1.77635684e-15	0.00000000e+00
4.44089210e-16	4.44089210e-16	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-1.49587513e+01
-8.55073700e+00	-1.85107186e+01	5.35057978e+00	-2.35236640e+01
-1.25949258e+01	-1.27329820e+01	3.75718716e+01	1.22245897e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	4.92780155e+01
6.20768545e+00	8.81181027e+01	-4.71592181e+01	7.63579999e+01
1.68571599e+01	-8.13104261e+00	-3.29074435e+01	-1.14219350e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	2.84217094e-14
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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-5.49810884e+00	-6.23677163e+01	3.12809608e+01	-7.22675364e+00]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	3.55271368e-15	0.00000000e+00	2.45420113e+01
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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1.78680026e+01	-1.07089263e+01	-5.71687800e+01	-1.22045591e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
1.42108547e-14	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-4.44089210e-16	0.00000000e+00	-4.44089210e-16
0.00000000e+00	-2.84217094e-14	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	8.84419604e+01
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-1.94338624e-02	-6.94539141e+01	1.58557039e+01	-8.72163592e+00]
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-2.27373675e-13	0.00000000e+00	0.00000000e+00	5.68434189e-14
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1.02909952e+01	4.80175493e+01	-2.57987978e+01	3.07799753e+01

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0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 -2.27373675e-13 -5.21105474e+01
-9.74251993e+00 -6.42820193e+01 4.08344203e+01 -6.82831666e+01
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1.56645947e-01 3.11372933e-01 -4.32082682e-01 -1.34284583e-01]
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0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
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-4.04767210e+01 -7.13586990e+01 9.86611260e+01 2.32972144e+01]
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0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 7.10542736e-15 0.00000000e+00
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2.05743098e+00 2.89536599e+00 -5.34994814e+00 -1.62402850e+00]
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2.27373675e-13 5.68434189e-14 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
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-9.01365657e+01 -1.71123035e+02 2.92532542e+02 7.83183463e+01]
[-4.44089210e-16 0.00000000e+00 0.00000000e+00 0.00000000e+00
-1.69100921e+01 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 2.27373675e-13 -8.88178420e-16
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 -2.22044605e-16 0.00000000e+00 0.00000000e+00
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-2.71145964e+01 -3.14921201e+01 8.82748467e+01 2.88790350e+01]
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0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
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4.14750182e+01 9.04698226e+01 -9.22096535e+01 -3.74272515e+01]
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0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00

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4.16177230e+01	7.23885797e+01	-1.13053179e+02	-3.27820927e+01]
[-4.44089210e-16	0.00000000e+00	0.00000000e+00	0.00000000e+00
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
3.45795866e+01	2.74159830e+00	3.62805803e+01	-2.64971249e-01
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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2.35315686e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-1.42108547e-14
0.00000000e+00	4.44089210e-16	0.00000000e+00	0.00000000e+00
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3.48312537e+00	6.16088410e+00	-7.97820757e+00	-2.09998038e+00]
[0.00000000e+00	0.00000000e+00	-8.88178420e-16	-5.68434189e-14
0.00000000e+00	1.42108547e-14	0.00000000e+00	0.00000000e+00
0.00000000e+00	-1.34040166e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-1.77635684e-15
0.00000000e+00	-4.44089210e-16	0.00000000e+00	0.00000000e+00
4.39693308e+00	-1.20455672e+00	5.63947179e+00	1.61893887e-01
7.33889113e+00	1.26247016e+01	-2.08128170e+01	-5.67196779e+00]
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	-4.97867553e+01	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
2.84217094e-14	0.00000000e+00	0.00000000e+00	0.00000000e+00
-1.47663123e+02	3.64654434e+01	-1.79209238e+02	4.16353807e+01
-2.55562977e+02	-4.29064075e+02	6.88997287e+02	1.83173198e+02]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-2.80737210e-01
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-8.88178420e-16	0.00000000e+00	0.00000000e+00	0.00000000e+00
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-2.54799037e+00	-4.41110494e+00	6.17017940e+00	1.95163373e+00]
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
1.18652029e+02	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-1.68694080e+02	-2.54465539e+02	5.71690436e-01	-1.55384054e+02
-6.65273150e+01	-5.02613258e+01	3.81889382e+02	2.13284438e+00]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	8.89805710e+01	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
2.95133437e+02	-2.35209997e+02	5.68230853e+02	-2.00687744e+02
5.45500816e+02	1.13940218e+03	-1.62006824e+03	-5.09115291e+02]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00

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0.00000000e+00	0.00000000e+00	0.00000000e+00	8.88178420e-16
0.00000000e+00	-5.68434189e-14	-3.76179855e-01	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
8.78860619e-01	-1.02383875e+00	1.84854613e+00	-8.15533035e-01
1.67700668e+00	3.59952342e+00	-4.52757028e+00	-1.57570312e+00]
[-2.22044605e-16	0.00000000e+00	0.00000000e+00	0.00000000e+00
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0.00000000e+00	0.00000000e+00	2.27373675e-13	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-4.24297074e+01
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
2.81872787e+01	-7.76663109e+01	9.91608409e+01	-9.37027140e+01
6.15336985e+01	1.43925524e+02	-1.53937090e+02	-7.52196079e+01]
[0.00000000e+00	0.00000000e+00	-1.77635684e-15	0.00000000e+00
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0.00000000e+00	5.68434189e-14	0.00000000e+00	0.00000000e+00
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-5.67033166e+01	-1.57224306e+02	1.35175604e+02	4.75185687e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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1.16388508e+00	2.26063785e+00	-2.92081109e+00	-9.15428167e-01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	1.77635684e-15
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	-6.95582841e+02	4.54747351e-13
-1.89594861e+03	-2.62031156e+02	-1.69115172e+03	-1.16198174e+03
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	1.77635684e-15	0.00000000e+00
4.44089210e-16	4.44089210e-16	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-1.49587513e+01
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-1.25949258e+01	-1.27329820e+01	3.75718716e+01	1.22245897e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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-2.46337999e+01	-5.00767956e+01	9.08640691e+01	2.88490415e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	2.84217094e-14
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-3.55271368e-15	0.00000000e+00	0.00000000e+00
-5.22695348e+01	2.34460225e+00	-4.85155290e+01	1.48974073e+00

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-9.26408683e+00 -2.82929847e+01 8.75560086e+00 1.88408747e+01]
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-2.02581978e+01 -4.92530380e+01 5.65653327e+01 2.48005941e+01]
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-7.44855378e+01 -1.44736260e+02 2.37995234e+02 6.35548971e+01]
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-5.72120884e-01 -2.21698432e+01 2.77758345e+01 1.39230500e+01]
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 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 -2.27373675e-13 0.00000000e+00
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 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
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-8.10770272e-02 -4.14644924e-01 -2.07407815e-01 3.49185494e-01]
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 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
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0.00000000e+00	0.00000000e+00	0.00000000e+00	-8.88178420e-16
2.27373675e-13	5.68434189e-14	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-5.78869646e+02	2.58845521e+02	-5.15857053e+02
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[-4.44089210e-16	0.00000000e+00	0.00000000e+00	0.00000000e+00
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0.00000000e+00	0.00000000e+00	2.27373675e-13	-8.88178420e-16
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-2.22044605e-16	0.00000000e+00	0.00000000e+00
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2.19267236e+01	1.18282525e+02	4.19253001e+01	-7.08589513e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	2.01793823e+02	-8.02253521e+01	1.73870356e+02
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	1.92948202e+02	-8.48044659e+01	1.62503363e+02
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[-4.44089210e-16	0.00000000e+00	0.00000000e+00	0.00000000e+00
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	2.88395236e+02	-1.29548954e+02	2.47142257e+02
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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0.00000000e+00	0.00000000e+00	0.00000000e+00	-1.42108547e-14
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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7.73817776e+01	5.87765862e+02	3.74327160e+02	-4.93954566e+02]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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4.33355997e-01	4.69407603e+00	3.35247277e+00	-4.11169171e+00]
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
1.18652029e+02	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-1.64800671e+03	8.09559405e+02	-1.36234281e+03
3.13837177e+02	1.11139086e+03	2.24022862e+01	-7.71435006e+02]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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0.00000000e+00	8.89805710e+01	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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-1.19953954e+02	-8.92929975e+02	-9.91138859e+02	8.44256084e+02]
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-5.68434189e-14	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	8.88178420e-16
0.00000000e+00	-5.68434189e-14	-3.76179855e-01	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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-3.04612200e-01	-2.45243978e+00	-2.65471823e+00	2.45442242e+00]
[-2.22044605e-16	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	2.27373675e-13	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-4.24297074e+01
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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[0.00000000e+00	0.00000000e+00	-1.77635684e-15	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
1.77635684e-15	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	5.68434189e-14	0.00000000e+00	0.00000000e+00
-5.53398629e+01	0.00000000e+00	-4.54747351e-13	0.00000000e+00
0.00000000e+00	-9.37291932e+01	-2.08592729e+01	-1.01233466e+02
7.11652576e+00	3.76846850e+01	7.48586970e+01	-8.22752983e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	1.61360386e-01	0.00000000e+00	0.00000000e+00
0.00000000e+00	4.13358229e+00	-1.50060065e+00	3.65255945e+00

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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	1.77635684e-15
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	-6.95582841e+02	4.54747351e-13
0.00000000e+00	-1.59240061e+04	7.40104131e+03	-1.47269615e+04
1.04074276e+03	7.92022821e+03	5.63400347e+03	-5.83326286e+03]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	1.77635684e-15	0.00000000e+00
4.44089210e-16	4.44089210e-16	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-1.49587513e+01
0.00000000e+00	-8.91462978e+01	4.63564124e+01	-8.47017853e+01
6.68492535e+00	4.61486478e+01	1.93502504e+01	-2.69858868e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	3.55271368e-15	0.00000000e+00	0.00000000e+00
-4.10868163e+00	3.39408295e+01	-1.97035543e+01	2.93964629e+01
-9.26408683e+00	-2.82929847e+01	8.75560086e+00	1.88408747e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	2.84217094e-14
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-3.55271368e-15	0.00000000e+00	0.00000000e+00
0.00000000e+00	-4.29441437e+02	2.02147752e+02	-3.72484098e+02
4.57115296e+01	2.30191887e+02	1.18704691e+02	-1.82229312e+02]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-1.54272783e+02	7.57813386e+01	-1.58257455e+02
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	1.13686838e-13
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-3.55271368e-15	0.00000000e+00	0.00000000e+00
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
1.42108547e-14	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-4.44089210e-16	0.00000000e+00	-4.44089210e-16
0.00000000e+00	-2.84217094e-14	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-4.42382079e+02	1.89887981e+02	-3.85802813e+02
5.27967346e+01	2.43990167e+02	1.17699214e+02	-1.95305948e+02]
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-2.27373675e-13	0.00000000e+00	0.00000000e+00	5.68434189e-14

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0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
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9.27498341e+00 7.90370602e+00 1.84692168e+01 -6.10353884e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 -1.42108547e-14 0.00000000e+00 0.00000000e+00
1.77635684e-15 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 -2.27373675e-13 0.00000000e+00
0.00000000e+00 1.65788852e+02 -7.39323908e+01 1.57080347e+02
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[06-24 17:40:24][INFO]
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0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 -2.7755756e-17
0.00000000e+00 -1.11022302e-16 -1.39466732e-01 -9.14941854e-01
2.77230115e-01 -1.09312376e-01 5.06086970e-01 1.13396224e-01]
[ 0.00000000e+00 -7.11929761e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 7.10542736e-15 -1.42108547e-14
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 -1.77635684e-15 0.00000000e+00 0.00000000e+00
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-7.04747708e+01 4.79702690e+00 -9.67237820e+01 -2.05133713e+01]
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0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 7.10542736e-15 0.00000000e+00
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4.02574824e+00 -2.88922775e+00 8.52059307e+00 1.74269857e+00]
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0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 -8.88178420e-16
2.27373675e-13 5.68434189e-14 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 1.32578327e+02 6.77247589e+02
-1.96080017e+02 1.02644393e+02 -4.03918457e+02 -7.94116553e+01]
[-4.44089210e-16 0.00000000e+00 0.00000000e+00 0.00000000e+00
-1.69100921e+01 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 2.27373675e-13 -8.88178420e-16
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 -2.22044605e-16 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 4.09256054e+01 2.35066538e+02
-6.83893285e+01 4.13194195e+01 -1.37920493e+02 -1.14251488e+01]
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0.00000000e+00 2.79388763e+01 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 -3.62086380e+01 -2.42045642e+02
7.33264130e+01 -2.04814403e+01 1.55374613e+02 2.78898116e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-2.84217094e-14	-4.27172219e+01	-2.35180981e+02
7.95151617e+01	-1.09701431e+01	1.16644486e+02	1.45360982e+01]
[-4.44089210e-16	0.00000000e+00	0.00000000e+00	0.00000000e+00
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	-6.66421196e+01	-3.47267377e+02
1.11565472e+02	-3.39623386e+01	1.89167140e+02	3.05284393e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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2.35315686e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-1.42108547e-14
0.00000000e+00	4.44089210e-16	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	-8.76859300e-01	-1.17661829e+01
4.86310248e+00	6.16639643e-01	3.73165229e+00	1.19051394e+00]
[0.00000000e+00	0.00000000e+00	-8.88178420e-16	-5.68434189e-14
0.00000000e+00	1.42108547e-14	0.00000000e+00	0.00000000e+00
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0.00000000e+00	0.00000000e+00	0.00000000e+00	-1.77635684e-15
0.00000000e+00	-4.44089210e-16	0.00000000e+00	0.00000000e+00
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1.38820377e+01	-3.62919533e+00	2.13281099e+01	3.66083739e+00]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	-4.97867553e+01	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
2.84217094e-14	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	2.70803141e+02	1.42413032e+03
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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0.00000000e+00	0.00000000e+00	0.00000000e+00	-2.80737210e-01
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-8.88178420e-16	0.00000000e+00	0.00000000e+00	0.00000000e+00
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
1.18652029e+02	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	-3.66614174e+02	-2.62930184e+03

9.12356909e+02	-1.32430562e+01	1.06449534e+03	1.64928783e+02]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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0.00000000e+00	0.00000000e+00	0.00000000e+00	8.88178420e-16
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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2.61788064e+00	3.79716059e-02	3.16482360e+00	5.31233154e-01]
[-2.22044605e-16	0.00000000e+00	0.00000000e+00	0.00000000e+00
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0.00000000e+00	0.00000000e+00	2.27373675e-13	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-4.24297074e+01
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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7.07014821e+01	1.17951759e+01	5.09434656e+01	6.18005590e+00]
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
1.77635684e-15	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	5.68434189e-14	0.00000000e+00	0.00000000e+00
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	1.77635684e-15
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	1.77635684e-15	0.00000000e+00
4.44089210e-16	4.44089210e-16	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-1.49587513e+01
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	3.55271368e-15	0.00000000e+00	0.00000000e+00
-4.10868163e+00	0.00000000e+00	-1.23001375e+01	-4.05587706e+01
6.64168241e+00	-1.47388338e+01	4.04286603e+01	8.37385001e+00]
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-2.27373675e-13	0.00000000e+00	0.00000000e+00	5.68434189e-14

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9.27498341e+00 7.90370602e+00 1.84692168e+01 -6.10353884e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
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0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 -3.55271368e-15 0.00000000e+00 0.00000000e+00
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[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
1.42108547e-14 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 -4.44089210e-16 0.00000000e+00 -4.44089210e-16
0.00000000e+00 -2.84217094e-14 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 9.33924330e+01 5.25988149e+02
-1.54517800e+02 6.73264409e+01 -2.95124929e+02 -5.88795787e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 2.84217094e-14
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 -3.55271368e-15 0.00000000e+00 0.00000000e+00
0.00000000e+00 5.68434189e-14 1.08474910e+02 5.12634989e+02
-1.55538602e+02 5.86959598e+01 -2.82043445e+02 -4.97937121e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 -1.42108547e-14 0.00000000e+00 0.00000000e+00
1.77635684e-15 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 -2.27373675e-13 0.00000000e+00
0.00000000e+00 0.00000000e+00 -3.77693388e+01 -1.84626029e+02
6.28744321e+01 -1.39449061e+01 1.01715256e+02 4.99143560e+00]]
[06-24 17:40:24][INFO]
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0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
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-2.75635023e-02 -4.22165774e-02 2.59023779e-01 -1.51623956e-02]
[ 0.00000000e+00 -7.11929761e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 7.10542736e-15 -1.42108547e-14
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 -1.77635684e-15 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 -3.55271368e-15 5.59231031e+01
-2.31001583e+00 -1.02084339e+01 -4.14699940e+01 8.23777810e+00]
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	7.10542736e-15	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	2.68681855e+00
-3.31309927e+00	-1.27368921e+00	2.57178383e+00	-1.35274717e+00]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	1.94974642e+01
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-8.88178420e-16
2.27373675e-13	5.68434189e-14	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	6.61666419e+01
9.36595315e+01	3.88625243e+01	-1.69057969e+02	4.27973227e+01]
[-4.44089210e-16	0.00000000e+00	0.00000000e+00	0.00000000e+00
-1.69100921e+01	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	2.27373675e-13	-8.88178420e-16
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-2.22044605e-16	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	4.64319523e+01
2.10503763e+01	2.16305937e+01	-6.54214062e+01	2.62995421e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	2.79388763e+01	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-7.51525360e+01
-5.80472898e+00	-3.06189181e+00	9.12315618e+01	-5.48684007e+00]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	7.10542736e-15	-5.30846874e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-2.84217094e-14	0.00000000e+00	-3.82884647e+01
-1.38399805e+01	9.58060825e+00	4.09715776e+01	-2.48400814e+01]
[-4.44089210e-16	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	8.49606193e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-4.01000556e+01
-3.40756597e+01	-1.90160127e+00	7.11116397e+01	-3.09014000e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	1.42108547e-14	0.00000000e+00	0.00000000e+00
2.35315686e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-1.42108547e-14
0.00000000e+00	4.44089210e-16	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-7.72455694e+00
2.94679517e+00	1.03848630e+00	2.17830939e+00	3.82236440e-01]
[0.00000000e+00	0.00000000e+00	-8.88178420e-16	-5.68434189e-14
0.00000000e+00	1.42108547e-14	0.00000000e+00	0.00000000e+00
0.00000000e+00	-1.34040166e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-1.77635684e-15
0.00000000e+00	-4.44089210e-16	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-4.87074694e+00

-3.13441806e+00	1.16725286e-01	7.53471126e+00	-3.51651785e+00]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	-4.97867553e+01	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
2.84217094e-14	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	1.75942602e+02
1.14647573e+02	-1.50786186e+01	-2.50227651e+02	1.20600150e+02]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-2.80737210e-01
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-8.88178420e-16	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	3.82948016e+00
-3.45244024e-01	-6.05894341e-02	-2.70276640e+00	5.20721470e-01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
1.18652029e+02	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	-5.68434189e-14	-4.01784335e+01
5.25152142e+02	2.36734901e+02	-7.18174572e+02	1.51676304e+02]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	8.89805710e+01	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-9.39501241e+02
1.11150349e+02	1.63130697e+02	4.15043918e+02	-1.73011396e+02]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-5.68434189e-14	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	8.88178420e-16
0.00000000e+00	-5.68434189e-14	-3.76179855e-01	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-1.11022302e-16	-8.88178420e-16	0.00000000e+00	-2.74492327e+00
4.19737465e-01	5.21860258e-01	1.38302687e+00	-3.95919638e-01]
[-2.22044605e-16	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	2.27373675e-13	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-4.24297074e+01
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-2.01899205e+02
6.59713742e+01	1.28364391e+01	4.71092791e+01	4.18494799e+00]
[0.00000000e+00	0.00000000e+00	-1.77635684e-15	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
1.77635684e-15	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	5.68434189e-14	0.00000000e+00	0.00000000e+00
-5.53398629e+01	0.00000000e+00	-4.54747351e-13	0.00000000e+00
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-1.27075000e+02	2.01252036e+01	-8.57776259e+01	-9.14437524e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00

0.00000000e+00	1.61360386e-01	0.00000000e+00	0.00000000e+00
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4.38887171e-01	6.68980490e-02	1.15443500e+00	9.70336202e-03]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	-6.95582841e+02	4.54747351e-13
0.00000000e+00	-1.81898940e-12	0.00000000e+00	-9.13426324e+00
2.16166412e+03	-3.28481422e+02	-2.26838022e+03	2.69794211e+03]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	1.77635684e-15	0.00000000e+00
4.44089210e-16	4.44089210e-16	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-1.49587513e+01
0.00000000e+00	0.00000000e+00	0.00000000e+00	-2.50021162e+01
2.37203732e+01	-2.39826525e+00	-1.61669505e+01	2.53123511e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	3.55271368e-15	0.00000000e+00	0.00000000e+00
-4.10868163e+00	0.00000000e+00	0.00000000e+00	1.61351086e+01
-2.02393045e+01	-8.82138285e+00	1.86391540e+01	-2.96425676e+00]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-2.27373675e-13	0.00000000e+00	0.00000000e+00	5.68434189e-14
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-1.97916005e+01	0.00000000e+00	-6.06906866e+01
1.87096360e+01	5.82680704e+00	2.61168683e+01	-2.12410540e+00]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	1.13686838e-13
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-3.55271368e-15	0.00000000e+00	0.00000000e+00
0.00000000e+00	7.10542736e-15	9.50744098e+00	4.38217631e+01
-2.07777675e+01	4.57391766e+00	-1.68422869e+01	-8.76383547e+00]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-3.44738370e+01
4.46573669e+01	1.92709064e+01	-2.52659921e+01	1.45570180e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
1.42108547e-14	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-4.44089210e-16	0.00000000e+00	-4.44089210e-16
0.00000000e+00	-2.84217094e-14	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	9.55230976e+01
4.95840470e+01	2.23964435e+01	-1.29681656e+02	2.72083517e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	2.84217094e-14
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00

```
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 -3.55271368e-15 0.00000000e+00 0.00000000e+00
0.00000000e+00 5.68434189e-14 0.00000000e+00 1.26516810e+01
8.15248157e+01 6.50996087e+00 -8.98817944e+01 5.01970491e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 -1.42108547e-14 0.00000000e+00 0.00000000e+00
1.77635684e-15 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 -2.27373675e-13 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 -1.05393301e+01
-1.96674992e+01 4.22547714e+00 3.48074472e+01 -2.98238498e+01]]
[06-24 17:40:25][INFO]
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0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 -2.77555756e-17
0.00000000e+00 -1.11022302e-16 0.00000000e+00 0.00000000e+00
4.80223934e-01 -1.51312512e-01 -6.39656026e-01 7.54847866e-01]
[ 0.00000000e+00 -7.11929761e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 7.10542736e-15 -1.42108547e-14
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 -1.77635684e-15 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 -3.55271368e-15 0.00000000e+00
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0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
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0.00000000e+00 0.00000000e+00 7.10542736e-15 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
-8.32698547e+00 -1.96477448e-01 1.14453359e+01 -8.95581796e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 1.94974642e+01
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 -8.88178420e-16
2.27373675e-13 5.68434189e-14 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
-2.98143866e+01 6.53903616e+01 4.94655872e+01 -1.44438865e+02]
[-4.44089210e-16 0.00000000e+00 0.00000000e+00 0.00000000e+00
-1.69100921e+01 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 2.27373675e-13 -8.88178420e-16
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 -2.22044605e-16 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
-6.55965336e+01 4.02463075e+01 8.79258854e+01 -1.05092070e+02]
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0.00000000e+00 2.79388763e+01 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
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	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	-2.84217094e-14	0.00000000e+00	0.00000000e+00
	5.76103247e+01	-5.77018078e+00	-8.54808347e+01	8.35073573e+01]
[	-4.44089210e-16	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	8.49606193e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	4.07552647e+01	-1.79787017e+01	-6.13237766e+01	8.25724191e+01]
[	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	1.42108547e-14	0.00000000e+00	0.00000000e+00
	2.35315686e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	-1.42108547e-14
	0.00000000e+00	4.44089210e-16	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	-8.88178420e-16
	1.73616314e+01	-2.05847892e+00	-2.33329997e+01	2.22409337e+01]
[	0.00000000e+00	0.00000000e+00	-8.88178420e-16	-5.68434189e-14
	0.00000000e+00	1.42108547e-14	0.00000000e+00	0.00000000e+00
	0.00000000e+00	-1.34040166e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	-1.77635684e-15
	0.00000000e+00	-4.44089210e-16	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	5.95490839e+00	-1.83607719e+00	-8.55153571e+00	1.02665617e+01]
[	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	-4.97867553e+01	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	2.84217094e-14	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	-2.13679840e+02	5.54611060e+01	3.30844653e+02	-3.77276440e+02]
[	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	-2.80737210e-01
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	-8.88178420e-16	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	-7.49145706e+00	1.47474353e+00	9.94456765e+00	-1.03158156e+01]
[	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	1.18652029e+02	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	-5.68434189e-14	0.00000000e+00
	6.00129328e+02	2.20626377e+02	-8.50868841e+02	2.65371915e+02]
[	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	8.89805710e+01	0.00000000e+00	0.00000000e+00

0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
1.86435855e+03	-2.13538502e+02	-2.68777567e+03	2.48555833e+03]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-5.68434189e-14	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	8.88178420e-16
0.00000000e+00	-5.68434189e-14	-3.76179855e-01	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-1.11022302e-16	-8.88178420e-16	0.00000000e+00	-4.44089210e-16
5.54205320e+00	-5.78647123e-01	-7.68242330e+00	7.37157400e+00]
[-2.22044605e-16	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	2.27373675e-13	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-4.24297074e+01
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	2.84217094e-14
4.42736542e+02	-6.81099275e+01	-6.19687933e+02	5.75512681e+02]
[0.00000000e+00	0.00000000e+00	-1.77635684e-15	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
1.77635684e-15	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	5.68434189e-14	0.00000000e+00	0.00000000e+00
-5.53398629e+01	0.00000000e+00	-4.54747351e-13	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-6.53933609e+02	1.33318497e+02	8.46654249e+02	-8.90373592e+02]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	1.61360386e-01	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
4.36972240e+00	-7.77624898e-01	-5.80233860e+00	5.97043268e+00]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	1.77635684e-15
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	-6.95582841e+02	4.54747351e-13
0.00000000e+00	-1.81898940e-12	0.00000000e+00	0.00000000e+00
2.17870962e+03	-3.32143573e+02	-2.29854726e+03	2.72378994e+03]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	1.77635684e-15	0.00000000e+00
4.44089210e-16	4.44089210e-16	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-1.49587513e+01
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
7.03769536e+01	-1.24222297e+01	-9.87395459e+01	9.60625176e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	3.55271368e-15	0.00000000e+00	0.00000000e+00
-4.10868163e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-5.03491154e+01	-2.35242021e+00	7.19273550e+01	-4.86228566e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00

0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-2.27373675e-13	0.00000000e+00	0.00000000e+00	5.68434189e-14
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-1.97916005e+01	0.00000000e+00	0.00000000e+00
1.31964845e+02	-1.85055848e+01	-1.74321665e+02	1.69616404e+02]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	1.13686838e-13
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-3.55271368e-15	0.00000000e+00	0.00000000e+00
0.00000000e+00	7.10542736e-15	9.50744098e+00	0.00000000e+00
-1.02553790e+02	2.21431423e+01	1.27884531e+02	-1.32769220e+02]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-1.42108547e-14	0.00000000e+00	0.00000000e+00
1.77635684e-15	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	-2.27373675e-13	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-1.05393301e+01
-1.96674992e+01	4.22547714e+00	3.48074472e+01	-2.98238498e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
1.42108547e-14	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-4.44089210e-16	0.00000000e+00	-4.44089210e-16
0.00000000e+00	-2.84217094e-14	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-1.28672107e+02	6.06940072e+01	1.85795243e+02	-2.43099769e+02]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	2.84217094e-14
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-3.55271368e-15	0.00000000e+00	0.00000000e+00
0.00000000e+00	5.68434189e-14	0.00000000e+00	0.00000000e+00
5.79154474e+01	1.15823315e+01	-4.80980460e+01	1.43957381e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
1.08989175e+02	5.44949567e+00	-1.39120122e+02	1.12109949e+02]]
[06-24 17:40:25][INFO]			
[[-2.82523599e-02	0.00000000e+00	0.00000000e+00	4.44089210e-16
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-2.77555756e-17
0.00000000e+00	-1.11022302e-16	0.00000000e+00	0.00000000e+00
5.55111512e-17	-2.47351014e-01	-2.40836127e-01	6.35481129e-01]
[0.00000000e+00	-7.11929761e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	7.10542736e-15	-1.42108547e-14
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-1.77635684e-15	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	-3.55271368e-15	0.00000000e+00

0.00000000e+00	3.35448026e+01	5.46362364e+01	-1.23497574e+02]
[0.00000000e+00	0.00000000e+00	-7.61958043e-01	7.10542736e-15
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	7.10542736e-15	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	1.46881067e+00	4.52987989e+00	-6.88602298e+00]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	1.94974642e+01
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-8.88178420e-16
2.27373675e-13	5.68434189e-14	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-3.55271368e-15	7.13528487e+01	2.47051166e+01	-1.37028060e+02]
[-4.44089210e-16	0.00000000e+00	0.00000000e+00	0.00000000e+00
-1.69100921e+01	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	2.27373675e-13	-8.88178420e-16
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-2.22044605e-16	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	5.33647558e+01	3.34487945e+01	-8.87870845e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	2.79388763e+01	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-6.00781987e+01	-4.53201241e+01	1.73760835e+02]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	7.10542736e-15	-5.30846874e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-2.84217094e-14	0.00000000e+00	0.00000000e+00
0.00000000e+00	-1.72914918e+01	-3.76361892e+01	6.91874619e+01]
[-4.44089210e-16	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	8.49606193e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-2.61292213e+01	-2.74770451e+01	7.24420973e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	1.42108547e-14	0.00000000e+00	0.00000000e+00
2.35315686e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-1.42108547e-14
0.00000000e+00	4.44089210e-16	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-8.88178420e-16
0.00000000e+00	-5.53057800e+00	-8.91438455e+00	1.79254443e+01]
[0.00000000e+00	0.00000000e+00	-8.88178420e-16	-5.68434189e-14
0.00000000e+00	1.42108547e-14	0.00000000e+00	0.00000000e+00
0.00000000e+00	-1.34040166e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-1.77635684e-15

0.00000000e+00	-4.44089210e-16	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-3.02698093e+00	-3.60605967e+00	8.78638144e+00]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	-4.97867553e+01	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
2.84217094e-14	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	9.81942777e+01	1.53386250e+02	-3.24163166e+02]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-2.80737210e-01
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-8.88178420e-16	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	2.97293690e+00	3.72300739e+00	-8.45370350e+00]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
1.18652029e+02	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	-5.68434189e-14	0.00000000e+00
0.00000000e+00	1.00608366e+02	-3.52469031e+02	1.16200924e+02]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	8.89805710e+01	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
2.27373675e-13	-5.86385813e+02	-1.13944949e+03	2.02214453e+03]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-5.68434189e-14	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	8.88178420e-16
0.00000000e+00	-5.68434189e-14	-3.76179855e-01	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-1.11022302e-16	-8.88178420e-16	0.00000000e+00	-4.44089210e-16
0.00000000e+00	-1.68698524e+00	-3.07981827e+00	5.99401498e+00]
[-2.22044605e-16	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	2.27373675e-13	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-4.24297074e+01
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	2.84217094e-14
0.00000000e+00	-1.56651442e+02	-2.52000839e+02	4.65463988e+02]
[0.00000000e+00	0.00000000e+00	-1.77635684e-15	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
1.77635684e-15	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	5.68434189e-14	0.00000000e+00	0.00000000e+00
-5.53398629e+01	0.00000000e+00	-4.54747351e-13	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	2.64096661e+02	3.03570665e+02	-7.27828754e+02]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00

0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	1.61360386e-01	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-1.65151219e+00	-2.17333946e+00	4.88427377e+00]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	1.77635684e-15
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	-6.95582841e+02	4.54747351e-13
0.00000000e+00	-1.81898940e-12	0.00000000e+00	0.00000000e+00
0.00000000e+00	-7.67856985e+02	-4.89156496e+02	2.18223955e+03]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	1.77635684e-15	0.00000000e+00
4.44089210e-16	4.44089210e-16	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-1.49587513e+01
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-2.64966995e+01	-4.02923767e+01	7.85692884e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	3.55271368e-15	0.00000000e+00	0.00000000e+00
-4.10868163e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	7.71674395e+00	3.01130520e+01	-3.61078418e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-2.27373675e-13	0.00000000e+00	0.00000000e+00	5.68434189e-14
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-1.97916005e+01	0.00000000e+00	0.00000000e+00
0.00000000e+00	-4.48968267e+01	-6.47265317e+01	1.36814597e+02]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	1.13686838e-13
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-3.55271368e-15	0.00000000e+00	0.00000000e+00
0.00000000e+00	7.10542736e-15	9.50744098e+00	0.00000000e+00
0.00000000e+00	4.26525582e+01	4.27149063e+01	-1.07277964e+02]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-1.42108547e-14	0.00000000e+00	0.00000000e+00
1.77635684e-15	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	-2.27373675e-13	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-1.05393301e+01
0.00000000e+00	8.15871961e+00	1.84738380e+01	-2.49352029e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	2.84217094e-14
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	-3.55271368e-15	0.00000000e+00	0.00000000e+00
0.00000000e+00	5.68434189e-14	0.00000000e+00	0.00000000e+00
5.79154474e+01	1.15823315e+01	-4.80980460e+01	1.43957381e+01]


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 1.42108547e-14 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 -4.44089210e-16 0.00000000e+00 -4.44089210e-16
 0.00000000e+00 -2.84217094e-14 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 8.64267447e+01 7.89346867e+01 -2.11116420e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 -1.63469131e+01 -4.86059919e+01 8.50190826e+01]]
[06-24 17:40:25][INFO]
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 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 -2.77555756e-17
 0.00000000e+00 -1.11022302e-16 0.00000000e+00 0.00000000e+00
 5.55111512e-17 0.00000000e+00 4.94638598e-01 -6.50973153e-01]
[ 0.00000000e+00 -7.11929761e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 7.10542736e-15 -1.42108547e-14
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 -1.77635684e-15 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 -3.55271368e-15 0.00000000e+00
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 0.00000000e+00 0.00000000e+00 7.10542736e-15 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 1.62510999e-01 7.53152406e-01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 1.94974642e+01
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 -8.88178420e-16
 2.27373675e-13 5.68434189e-14 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
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 -3.55271368e-15 0.00000000e+00 -1.87455796e+02 2.34072815e+02]
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 0.00000000e+00 0.00000000e+00 2.27373675e-13 -8.88178420e-16
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 0.00000000e+00 -2.22044605e-16 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
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[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	7.10542736e-15	-5.30846874e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	-2.84217094e-14	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	1.37784177e+01	-2.07443046e+01]
[	-4.44089210e-16	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	8.49606193e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	5.02157104e+01	-6.34540451e+01]
[	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	1.42108547e-14	0.00000000e+00	0.00000000e+00
	2.35315686e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	-1.42108547e-14
	0.00000000e+00	4.44089210e-16	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	-8.88178420e-16
	0.00000000e+00	0.00000000e+00	7.53026336e+00	-1.08386818e+01]
[	0.00000000e+00	0.00000000e+00	-8.88178420e-16	-5.68434189e-14
	0.00000000e+00	1.42108547e-14	0.00000000e+00	0.00000000e+00
	0.00000000e+00	-1.34040166e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	-1.77635684e-15
	0.00000000e+00	-4.44089210e-16	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	5.39438037e+00	-6.95672193e+00]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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	0.00000000e+00	0.00000000e+00	-4.97867553e+01	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	2.84217094e-14	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	-1.38585100e+02	1.86537991e+02]
[	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	-2.80737210e-01
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	-8.88178420e-16	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	-5.11673786e+00	7.00832086e+00]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	1.18652029e+02	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	-5.68434189e-14	0.00000000e+00
	0.00000000e+00	-1.42108547e-14	-6.51618441e+02	6.39457572e+02]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	8.89805710e+01	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
2.27373675e-13	0.00000000e+00	6.04112979e+02	-1.02760460e+03]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-5.68434189e-14	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	8.88178420e-16
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0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-1.11022302e-16	-8.88178420e-16	0.00000000e+00	-4.44089210e-16
0.00000000e+00	0.00000000e+00	1.93627195e+00	-2.77987013e+00]
[-2.22044605e-16	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	2.27373675e-13	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-4.24297074e+01
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	2.84217094e-14
0.00000000e+00	0.00000000e+00	2.13787331e+02	-3.49268544e+02]
[0.00000000e+00	0.00000000e+00	-1.77635684e-15	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
1.77635684e-15	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	5.68434189e-14	0.00000000e+00	0.00000000e+00
-5.53398629e+01	0.00000000e+00	-4.54747351e-13	0.00000000e+00
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0.00000000e+00	0.00000000e+00	-4.81695649e+02	6.45718394e+02]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	1.61360386e-01	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	2.73727504e+00	-3.70511867e+00]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	1.77635684e-15
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	-6.95582841e+02	4.54747351e-13
0.00000000e+00	-1.81898940e-12	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	1.79399325e+03	-1.81132769e+03]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	1.77635684e-15	0.00000000e+00
4.44089210e-16	4.44089210e-16	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-1.49587513e+01
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	3.84930401e+01	-5.92380806e+01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	3.55271368e-15	0.00000000e+00	0.00000000e+00
-4.10868163e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	7.16804743e+00	4.02637129e+00]

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 0.00000000e+00 0.00000000e+00 6.87699144e+01 -9.66904698e+01]
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 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 -3.55271368e-15 0.00000000e+00 0.00000000e+00
 0.00000000e+00 7.10542736e-15 9.50744098e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 -8.41084205e+01 1.14554828e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 -1.42108547e-14 0.00000000e+00 0.00000000e+00
 1.77635684e-15 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 -2.27373675e-13 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 -1.05393301e+01
 0.00000000e+00 0.00000000e+00 -5.78533912e+00 1.74976927e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 2.84217094e-14
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 -3.55271368e-15 0.00000000e+00 0.00000000e+00
 0.00000000e+00 5.68434189e-14 0.00000000e+00 0.00000000e+00
 5.79154474e+01 0.00000000e+00 -8.25370077e+01 7.46345856e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 -1.63469131e+01 -4.86059919e+01 8.50190826e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 1.42108547e-14 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 -4.44089210e-16 0.00000000e+00 -4.44089210e-16
 0.00000000e+00 -2.84217094e-14 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 -1.78047022e+02 2.38382670e+02]
[06-24 17:40:25][INFO]
[[-2.82523599e-02 0.00000000e+00 0.00000000e+00 4.44089210e-16
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 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 -2.7755756e-17
 0.00000000e+00 -1.11022302e-16 0.00000000e+00 0.00000000e+00
 5.55111512e-17 0.00000000e+00 5.55111512e-17 1.12859964e-02]
[ 0.00000000e+00 -7.11929761e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 7.10542736e-15 -1.42108547e-14
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00

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	0.00000000e+00	-1.77635684e-15	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	-3.55271368e-15	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	-9.42489011e+00]
[	0.00000000e+00	0.00000000e+00	-7.61958043e-01	7.10542736e-15
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	7.10542736e-15	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	9.70734286e-01]
[	0.00000000e+00	0.00000000e+00	0.00000000e+00	1.94974642e+01
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	-8.88178420e-16
	2.27373675e-13	5.68434189e-14	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	-3.55271368e-15	0.00000000e+00	0.00000000e+00	-1.69070244e+01]
[	-4.44089210e-16	0.00000000e+00	0.00000000e+00	0.00000000e+00
	-1.69100921e+01	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	2.27373675e-13	-8.88178420e-16
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	-2.22044605e-16	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	2.10968058e+01]
[	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	2.79388763e+01	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	3.97929321e+01]
[	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	7.10542736e-15	-5.30846874e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	-2.84217094e-14	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	1.77635684e-15	-2.29672843e+00]
[	-4.44089210e-16	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	8.49606193e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	3.77850367e+00]
[	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	1.42108547e-14	0.00000000e+00	0.00000000e+00
	2.35315686e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	-1.42108547e-14
	0.00000000e+00	4.44089210e-16	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	-8.88178420e-16
	0.00000000e+00	0.00000000e+00	0.00000000e+00	-7.56601982e-01]
[	0.00000000e+00	0.00000000e+00	-8.88178420e-16	-5.68434189e-14
	0.00000000e+00	1.42108547e-14	0.00000000e+00	0.00000000e+00

0.00000000e+00	-1.34040166e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-1.77635684e-15
0.00000000e+00	-4.44089210e-16	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	2.65677959e-01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	-4.97867553e+01	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
2.84217094e-14	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	9.89894659e-01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-2.80737210e-01
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-8.88178420e-16	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	1.57649529e-01]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
1.18652029e+02	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	-5.68434189e-14	0.00000000e+00
0.00000000e+00	-1.42108547e-14	0.00000000e+00	-2.32977931e+02]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	8.89805710e+01	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
2.27373675e-13	0.00000000e+00	0.00000000e+00	-2.18772963e+02]
[0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-5.68434189e-14	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	8.88178420e-16
0.00000000e+00	-5.68434189e-14	-3.76179855e-01	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
-1.11022302e-16	-8.88178420e-16	0.00000000e+00	-4.44089210e-16
0.00000000e+00	0.00000000e+00	0.00000000e+00	-1.87444424e-01]
[-2.22044605e-16	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	2.27373675e-13	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	-4.24297074e+01
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	2.84217094e-14
0.00000000e+00	0.00000000e+00	-2.84217094e-14	-6.30340770e+01]
[0.00000000e+00	0.00000000e+00	-1.77635684e-15	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
1.77635684e-15	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	5.68434189e-14	0.00000000e+00	0.00000000e+00
-5.53398629e+01	0.00000000e+00	-4.54747351e-13	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
0.00000000e+00	0.00000000e+00	0.00000000e+00	7.88232533e-01]

[	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	1.61360386e-01	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	-4.02501251e-02]
[	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	1.77635684e-15
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	-6.95582841e+02	4.54747351e-13
	0.00000000e+00	-1.81898940e-12	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	2.27373675e-13	5.90604651e+02]
[	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	1.77635684e-15	0.00000000e+00
	4.44089210e-16	4.44089210e-16	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	-1.49587513e+01
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	-7.70071958e+00]
[	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	3.55271368e-15	0.00000000e+00	0.00000000e+00
	-4.10868163e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	-8.88178420e-16	1.36234893e+01]
[	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	-2.27373675e-13	0.00000000e+00	0.00000000e+00	5.68434189e-14
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	-1.97916005e+01	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	-4.61616506e+00]
[	0.00000000e+00	0.00000000e+00	0.00000000e+00	1.13686838e-13
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	-3.55271368e-15	0.00000000e+00	0.00000000e+00
	0.00000000e+00	7.10542736e-15	9.50744098e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	1.94418446e+00]
[	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	-1.42108547e-14	0.00000000e+00	0.00000000e+00
	1.77635684e-15	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	-2.27373675e-13	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	-1.05393301e+01
	0.00000000e+00	0.00000000e+00	0.00000000e+00	9.75184800e+00]
[	0.00000000e+00	0.00000000e+00	0.00000000e+00	2.84217094e-14
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	0.00000000e+00	0.00000000e+00	0.00000000e+00
	0.00000000e+00	-3.55271368e-15	0.00000000e+00	0.00000000e+00

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0.00000000e+00 5.68434189e-14 0.00000000e+00 0.00000000e+00
5.79154474e+01 0.00000000e+00 0.00000000e+00 -3.58721333e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 -1.63469131e+01 7.10542736e-15 1.99417453e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
1.42108547e-14 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 -4.44089210e-16 0.00000000e+00 -4.44089210e-16
0.00000000e+00 -2.84217094e-14 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 0.00000000e+00 0.00000000e+00
0.00000000e+00 0.00000000e+00 -1.78047022e+02 2.38382670e+02]]
n = 27: 0.377970 segundos
[06-24 17:40:25][INFO]
[[-1.23721903e-01 -4.22350665e+00 -9.24569690e-01 ... 1.40476042e+00
4.78981115e+00 1.03493096e+00]
[ 0.00000000e+00 3.73592527e+01 5.03647584e+00 ... -1.19466745e+01
-4.78472149e+01 -6.71625341e+00]
[ 0.00000000e+00 -1.19896084e+02 -2.28157949e+01 ... 4.23935035e+01
1.42513205e+02 2.68292359e+01]
...
[ 0.00000000e+00 1.23843583e+02 2.96558953e+01 ... -4.11872212e+01
-1.38594976e+02 -3.07185931e+01]
[ 0.00000000e+00 1.52356818e+02 3.35396228e+01 ... -4.92133069e+01
-1.79959388e+02 -3.83836670e+01]
[ 0.00000000e+00 -7.70585226e+01 -1.49096647e+01 ... 2.35069493e+01
8.34500434e+01 2.08060038e+01]]
[06-24 17:40:25][INFO]
[[ -0.1237219 0. -0.75001278 ... 0.30261938 -0.87520271
-0.13976125]
[ 0. 8.21647856 0.33958586 ... -2.14412312 -11.02081014
-2.28526534]
[ 0. 0. -17.86050724 ... 11.10613834 -18.3041051
-6.51769774]
...
[ 0. 0. 24.53745808 ... -8.86974021 27.51713688
3.72626627]
[ 0. 0. 27.24273766 ... -9.45518265 24.39769248
3.99163457]
[ 0. 0. -11.72484715 ... 3.39821803 -19.90899794
-0.62643464]]
[06-24 17:40:25][INFO]
[[[-1.23721903e-01 0.00000000e+00 0.00000000e+00 ... 2.27556639e+00
-6.35004531e+00 -1.32006662e+00]
[ 0.00000000e+00 8.21647856e+00 -5.55111512e-17 ... -3.03742112e+00
-8.54194685e+00 -1.75085443e+00]
[ 0.00000000e+00 0.00000000e+00 -5.95366162e-01 ... -1.56614118e+00
4.34597400e+00 9.36935875e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.34167803e+01

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2.06632380e+02 4.23411998e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -8.11185992e+01
2.23260573e+02 4.68639036e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.42410289e+01
-1.05496464e+02 -1.90779870e+01]]
[06-24 17:40:25][INFO]
[[-1.23721903e-01 0.00000000e+00 0.00000000e+00 ... 7.48619287e+00
4.32315959e+00 3.92683590e-01]
[ 0.00000000e+00 8.21647856e+00 -5.55111512e-17 ... -1.65453561e+00
-5.70930849e+00 -1.29629537e+00]
[ 0.00000000e+00 0.00000000e+00 -5.95366162e-01 ... -4.84125477e+00
-2.36261635e+00 -1.39604830e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.39882297e+02
-1.34347841e+02 -1.23765678e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.71485135e+02
-1.66677385e+02 -1.57102083e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.19934049e+02
7.00331339e+01 9.08959314e+00]]
[06-24 17:40:25][INFO]
[[-1.23721903e-01 0.00000000e+00 0.00000000e+00 ... -5.90211972e+00
-6.08189970e+00 -2.25051662e-01]
[ 0.00000000e+00 8.21647856e+00 -5.55111512e-17 ... 3.04239788e+00
-2.05897010e+00 -1.07957938e+00]
[ 0.00000000e+00 0.00000000e+00 -5.95366162e-01 ... 6.66112096e+00
6.57674032e+00 3.91113505e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.12865352e+02
2.17516227e+02 8.51315827e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.04573290e+02
2.03303231e+02 6.25507438e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.25783430e+01
-7.95826482e+01 2.07092799e-01]]
[06-24 17:40:25][INFO]
[[-1.23721903e-01 0.00000000e+00 0.00000000e+00 ... 9.81700253e-02
1.52186516e-01 8.47195735e-01]
[ 0.00000000e+00 8.21647856e+00 -5.55111512e-17 ... 4.19493437e+00
-8.61525955e-01 -8.73621956e-01]
[ 0.00000000e+00 0.00000000e+00 -5.95366162e-01 ... 5.02935164e-01
1.78605769e-01 -7.09349800e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.71228486e+00
2.13678612e-01 -2.88623421e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 8.63328090e-01
-8.34412541e+00 -3.01477470e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.33285426e+00
2.40326049e+00 1.43084661e+01]]
[06-24 17:40:25][INFO]
[[-1.23721903e-01 0.00000000e+00 0.00000000e+00 ... -1.98692131e+00
-1.51703958e+00 -1.26445696e+01]
[ 0.00000000e+00 8.21647856e+00 -5.55111512e-17 ... 1.75401347e+02
1.36198279e+02 1.10693240e+03]
[ 0.00000000e+00 0.00000000e+00 -5.95366162e-01 ... 9.47137180e+00
7.35831449e+00 5.73217013e+01]

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...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.54891947e+02
 1.21241008e+02 9.49358842e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.47015493e+02
 1.88713725e+02 1.56260129e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.89440386e+01
 7.65434206e+01 6.13557208e+02]]
[06-24 17:40:25][INFO]
[[-1.23721903e-01 0.00000000e+00 0.00000000e+00 ... -8.27954189e-01
 3.08952556e-01 -9.04791701e-01]
[ 0.00000000e+00 8.21647856e+00 -5.55111512e-17 ... 7.39931676e+01
 -2.35737579e+01 7.97164628e+01]
[ 0.00000000e+00 0.00000000e+00 -5.95366162e-01 ... 4.22378516e+00
 -9.09436795e-01 4.16618027e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.78650683e+01
 -1.58727997e+01 6.78185453e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.03455280e+02
 -3.74702738e+01 1.08405602e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.29915464e+01
 -1.16116345e+01 4.67854557e+01]]
[06-24 17:40:25][INFO]
[[-1.23721903e-01 0.00000000e+00 0.00000000e+00 ... 2.79586866e-02
 2.43813755e-01 8.17927658e-02]
[ 0.00000000e+00 8.21647856e+00 -5.55111512e-17 ... -5.79569112e-01
 -1.78984388e+01 -6.24123904e+00]
[ 0.00000000e+00 0.00000000e+00 -5.95366162e-01 ... 4.79385544e-01
 -6.24471223e-01 -1.49874097e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.92556321e+00
 -1.09306127e+01 -7.03522648e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.15137772e+00
 -2.95092388e+01 -1.21712780e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.25752653e+00
 -8.16797749e+00 -5.37176004e+00]]
[06-24 17:40:25][INFO]
[[-1.23721903e-01 0.00000000e+00 0.00000000e+00 ... 1.37874522e+00
 2.66561521e+00 3.75952307e-01]
[ 0.00000000e+00 8.21647856e+00 -5.55111512e-17 ... -1.63648093e+02
 -3.10261131e+02 -4.17525214e+01]
[ 0.00000000e+00 0.00000000e+00 -5.95366162e-01 ... -6.67849686e+00
 -1.34577129e+01 -1.70863957e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.13595716e+02
 -2.19839567e+02 -3.24099582e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.78487278e+02
 -3.47451660e+02 -5.07895539e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -9.57136793e+01
 -1.75723872e+02 -2.57236205e+01]]
[06-24 17:40:25][INFO]
[[-1.23721903e-01 0.00000000e+00 0.00000000e+00 ... -2.83744870e-03
 3.94003998e-01 5.50056237e-02]
[ 0.00000000e+00 8.21647856e+00 -5.55111512e-17 ... 2.03375153e+00
 -3.78454852e+01 -3.26402591e+00]

```

```
[ 0.00000000e+00 0.00000000e+00 -5.95366162e-01 ... 2.07197970e-01
-2.13618871e+00 -1.09067590e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.60547881e+00
-3.04246804e+01 -5.64830138e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.98647292e+00
-6.05357961e+01 -1.02523817e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.60960223e+00
-2.26412738e+01 -4.09520446e+00]]
[06-24 17:40:25][INFO]
[[-1.23721903e-01 0.00000000e+00 0.00000000e+00 ... 9.88720685e-01
-3.02271631e+00 -1.94077577e+00]
[ 0.00000000e+00 8.21647856e+00 -5.55111512e-17 ... -5.25830512e+01
1.50353606e+02 1.06667198e+02]
[ 0.00000000e+00 0.00000000e+00 -5.95366162e-01 ... -2.28933890e+00
6.46640145e+00 4.91589432e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.27407466e+01
2.25758240e+02 1.43993771e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -8.79842710e+01
2.28904604e+02 1.58816115e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.94131460e+01
6.97186284e+01 4.98542435e+01]]
[06-24 17:40:25][INFO]
[[-1.23721903e-01 0.00000000e+00 0.00000000e+00 ... 2.00438774e-01
1.20045130e-02 6.42088191e-02]
[ 0.00000000e+00 8.21647856e+00 -5.55111512e-17 ... -1.09182882e+01
-1.00470358e+01 6.93425111e-01]
[ 0.00000000e+00 0.00000000e+00 -5.95366162e-01 ... -5.00639600e-01
-4.19717529e-01 3.66361348e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.34545411e+01
-2.48127690e+00 -6.79990723e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.51030997e+01
-1.31747808e+01 -1.12131081e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -9.92832915e+00
-5.29384937e+00 2.94870257e-01]]
[06-24 17:40:25][INFO]
[[-1.23721903e-01 0.00000000e+00 0.00000000e+00 ... 2.03275416e-01
9.50707570e-03 1.63937257e-01]
[ 0.00000000e+00 8.21647856e+00 -5.55111512e-17 ... -1.10856296e+01
-9.89970504e+00 -5.18983216e+00]
[ 0.00000000e+00 0.00000000e+00 -5.95366162e-01 ... -5.06250229e-01
-4.14777818e-01 1.69107303e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.36825781e+01
-2.28050851e+00 -1.48170528e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.53896495e+01
-1.29224966e+01 -1.11956016e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.00332848e+01
-5.20144433e+00 -3.39507648e+00]]
[06-24 17:40:25][INFO]
[[-1.23721903e-01 0.00000000e+00 0.00000000e+00 ... -7.95014949e-01
-8.52755198e-01 -8.33593393e-01]
```

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[ 0.00000000e+00  8.21647856e+00 -5.55111512e-17 ... -1.06205213e+02
-9.20581941e+01 -1.00237028e+02]
[ 0.00000000e+00  0.00000000e+00 -5.95366162e-01 ... -2.14377278e-01
-1.62675782e-01  4.60758134e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  8.02195379e+01
7.88264068e+01  7.90136023e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.99577656e+02
1.81390528e+02  2.13600500e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.61637762e+02
-2.22522032e+02 -2.54808079e+02]]
[06-24 17:40:25][INFO]
[[-1.23721903e-01  0.00000000e+00  0.00000000e+00 ... -6.21277805e+01
-4.96409624e+01 -6.25145650e+01]
[ 0.00000000e+00  8.21647856e+00 -5.55111512e-17 ... -1.43090256e+03
-1.14581157e+03 -1.43245512e+03]
[ 0.00000000e+00  0.00000000e+00 -5.95366162e-01 ...  1.24446506e+02
9.90009764e+01  1.25829382e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  3.25531125e+03
2.60450792e+03  3.27213134e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  6.26209988e+03
5.00392850e+03  6.31054163e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -3.20985236e+03
-2.56773023e+03 -3.21976065e+03]]
[06-24 17:40:25][INFO]
[[-1.23721903e-01  0.00000000e+00  0.00000000e+00 ... -9.39576810e+00
-6.93202938e+00 -7.69073632e+00]
[ 0.00000000e+00  8.21647856e+00 -5.55111512e-17 ... -2.05374249e+02
-1.53226530e+02 -1.58311549e+02]
[ 0.00000000e+00  0.00000000e+00 -5.95366162e-01 ...  1.79718575e+01
1.27645813e+01  1.51310105e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  5.22133100e+02
3.90840794e+02  4.30531263e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  9.05764578e+02
6.65702903e+02  7.41726874e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -4.82106059e+02
-3.58462488e+02 -3.83807894e+02]]
[06-24 17:40:25][INFO]
[[-1.23721903e-01  0.00000000e+00  0.00000000e+00 ... -3.76679461e-01
1.17198320e+00 -8.24550440e-01]
[ 0.00000000e+00  8.21647856e+00 -5.55111512e-17 ... -1.40069431e+00
3.00518830e+01 -3.02752931e+00]
[ 0.00000000e+00  0.00000000e+00 -5.95366162e-01 ...  1.11948769e+00
-2.37794830e+00  2.30138785e+00]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.91632858e+01
-5.21123396e+01  5.52358740e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  4.18188071e+01
-1.10586994e+02  8.40093945e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.47212406e+00
7.60518891e+01 -1.56623055e+01]]
[06-24 17:40:25][INFO]

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```
[[-1.23721903e-01  0.00000000e+00  0.00000000e+00 ... -3.74000211e-01
-6.35330986e-02 -5.66050127e-01]
[ 0.00000000e+00  8.21647856e+00 -5.55111512e-17 ... -1.34368517e+00
 3.76254455e+00  2.47284511e+00]
[ 0.00000000e+00  0.00000000e+00 -5.95366162e-01 ...  1.11254500e+00
 8.23623061e-01  1.63154059e+00]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.89867267e+01
 2.93065942e+01  3.82010360e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  4.15840533e+01
-2.33203094e+00  6.13598009e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.58409303e+00
 2.44182363e+01 -4.85927884e+00]]
[06-24 17:40:25][INFO]
[[[-1.23721903e-01  0.00000000e+00  0.00000000e+00 ... -3.45711518e-01
-4.62744910e-02 -5.85899627e-01]
[ 0.00000000e+00  8.21647856e+00 -5.55111512e-17 ...  3.54142569e+01
 2.61881438e+01 -2.33193243e+01]
[ 0.00000000e+00  0.00000000e+00 -5.95366162e-01 ... -3.62527300e-01
-7.63016455e-02  2.66656357e+00]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.17713879e+01
 1.88037133e+01  5.02806277e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  6.73170623e+01
 1.33673830e+01  4.33035636e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -6.59607897e+00
 1.94276071e+01  8.80552338e-01]]
[06-24 17:40:25][INFO]
[[[-1.23721903e-01  0.00000000e+00  0.00000000e+00 ... -8.18838501e+00
-1.60362142e+00 -5.63091643e+00]
[ 0.00000000e+00  8.21647856e+00 -5.55111512e-17 ... -1.12985519e+03
-2.05203459e+02 -7.72911147e+02]
[ 0.00000000e+00  0.00000000e+00 -5.95366162e-01 ...  6.09776331e+01
 1.21042271e+01  4.21253196e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.01732443e+03
 2.18479874e+02  6.97130452e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.96871709e+02
-5.04935169e+01 -2.02655697e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.46497310e+02
 4.98278934e+01  9.93621126e+01]]
[06-24 17:40:25][INFO]
[[[-1.23721903e-01  0.00000000e+00  0.00000000e+00 ... -1.21748359e+00
 7.67380012e-01 -9.02887709e-01]
[ 0.00000000e+00  8.21647856e+00 -5.55111512e-17 ... -1.60933250e+02
 1.24354393e+02 -1.15737782e+02]
[ 0.00000000e+00  0.00000000e+00 -5.95366162e-01 ...  8.32087664e+00
-5.80583030e+00  6.41076246e+00]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.35769598e+02
-8.13619442e+01  9.92140142e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -4.15148272e+01
 3.63606067e+01 -2.94593479e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.93464279e+02
```

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2.26368946e+02 -2.15031675e+02]]
[06-24 17:40:25][INFO]
[[-1.23721903e-01 0.00000000e+00 0.00000000e+00 ... -4.57284636e-01
 3.48154697e-01 -3.78804220e-01]
[ 0.00000000e+00 8.21647856e+00 -5.55111512e-17 ... -3.82591784e+02
 2.46591957e+02 -2.68549854e+02]
[ 0.00000000e+00 0.00000000e+00 -5.95366162e-01 ... 1.58665364e+01
 -9.96701938e+00 1.16127634e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.58560300e+02
 -2.04223862e+02 2.52806606e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.73971095e+02
 2.74846352e+02 -3.27596023e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.13142863e+02
 4.57808209e+02 -5.04359376e+02]]
[06-24 17:40:25][INFO]
[[-1.23721903e-01 0.00000000e+00 0.00000000e+00 ... 8.16616361e-02
 1.52706870e-02 3.03530511e-02]
[ 0.00000000e+00 8.21647856e+00 -5.55111512e-17 ... -2.81165294e+01
 2.76477877e+01 5.60695725e-01]
[ 0.00000000e+00 0.00000000e+00 -5.95366162e-01 ... 7.36848318e-01
 -6.22059588e-01 1.26605690e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.97811381e+01
 5.02550359e+00 -4.38778274e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.58440426e+01
 -1.94251864e+00 1.26131056e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.92842940e+01
 4.15946565e+01 7.22062235e+00]]
[06-24 17:40:25][INFO]
[[-1.23721903e-01 0.00000000e+00 0.00000000e+00 ... 2.87153358e+00
 7.24052525e-01 -5.88486566e-01]
[ 0.00000000e+00 8.21647856e+00 -5.55111512e-17 ... -5.63456010e+01
 2.04760416e+01 6.82236947e+00]
[ 0.00000000e+00 0.00000000e+00 -5.95366162e-01 ... 3.58020195e+00
 1.00309558e-01 -5.04097048e-01]
...
[ 0.00000000e+00 0.00000000e+00 -3.55271368e-15 ... 2.59485804e+02
 4.44172621e+01 -5.91176201e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.26691045e+02
 -2.75632372e+01 3.49826342e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.14522036e+01
 3.34222276e+01 1.43559953e+01]]
[06-24 17:40:25][INFO]
[[-1.23721903e-01 0.00000000e+00 0.00000000e+00 ... 7.99981411e-01
 -9.92411291e-01 -7.52863942e-01]
[ 0.00000000e+00 8.21647856e+00 -5.55111512e-17 ... -2.13305166e+01
 4.94891297e+01 9.60081155e+00]
[ 0.00000000e+00 0.00000000e+00 -5.95366162e-01 ... 1.08011346e+00
 -1.97123443e+00 -7.02478722e-01]
...
[ 0.00000000e+00 0.00000000e+00 -3.55271368e-15 ... 7.26940244e+01
 -1.10356215e+02 -7.39395219e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.43892846e+01

```

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    4.89169184e+01  4.23067661e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.96096094e+01
  6.80925102e+01  1.76761994e+01]]
[06-24 17:40:25][INFO]
[[-1.23721903e-01  0.00000000e+00  0.00000000e+00 ...  9.68122315e-03
  8.25023138e-01 -2.81074413e-01]
[ 0.00000000e+00  8.21647856e+00 -5.55111512e-17 ...  1.30935035e+00
 -2.57523039e+00 -3.91462514e+00]
[ 0.00000000e+00  0.00000000e+00 -5.95366162e-01 ... -2.09799234e-01
  9.95146921e-01  6.75670295e-02]
...
[ 0.00000000e+00  0.00000000e+00 -3.55271368e-15 ... -9.78456667e+00
  7.93178273e+01 -2.47018571e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.43446010e+00
 -2.68685027e+01  2.26335566e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  6.35244729e+00
  1.63342844e+01  1.35800198e-01]]
[06-24 17:40:25][INFO]
[[-1.23721903e-01  0.00000000e+00  0.00000000e+00 ... -4.20619577e-01
 -2.81425346e-01 -2.90273220e-01]
[ 0.00000000e+00  8.21647856e+00 -5.55111512e-17 ...  6.94944805e+00
  1.19273630e+01 -3.79405328e+00]
[ 0.00000000e+00  0.00000000e+00 -5.95366162e-01 ... -5.21916892e-01
  1.92587157e-01  6.08946971e-02]
...
[ 0.00000000e+00  0.00000000e+00 -3.55271368e-15 ... -4.11406762e+01
 -1.30930562e+00 -2.53721761e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.02486806e+01
  2.88861650e+01  2.30970906e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -4.80948828e+01
 -2.38520207e+01 -2.04823778e+01]]
[06-24 17:40:25][INFO]
[[-1.23721903e-01  0.00000000e+00  0.00000000e+00 ...  4.59054584e-01
 -2.53429638e-01  2.52237254e-01]
[ 0.00000000e+00  8.21647856e+00 -5.55111512e-17 ... -1.92084000e+01
  1.10948872e+01 -1.99260567e+01]
[ 0.00000000e+00  0.00000000e+00 -5.95366162e-01 ... -1.18972573e+00
  1.71334082e-01 -3.50954720e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  8.59283941e+01
 -5.18557891e+01  4.39010675e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -3.27916215e+01
  2.71981527e+01 -9.61379337e+00]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.18143214e-01
 -2.23176369e+01  9.25144039e+00]]
[06-24 17:40:25][INFO]
[[-1.23721903e-01  0.00000000e+00  0.00000000e+00 ...  6.59337957e-02
  7.26341169e-02  1.36982751e-01]
[ 0.00000000e+00  8.21647856e+00 -5.55111512e-17 ... -7.26788597e+00
  1.19114014e+00 -1.64253565e+01]
[ 0.00000000e+00  0.00000000e+00 -5.95366162e-01 ... -1.25460421e+00
  2.25145835e-01 -3.69975684e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -3.27916215e+01

```

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2.71981527e+01 -9.61379337e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.63009864e+01
5.89484300e+00 2.34878192e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.53981380e+01
7.14041358e+00 -1.16116422e+00]]
[06-24 17:40:25][INFO]
[[-1.23721903e-01 0.00000000e+00 0.00000000e+00 ... 0.00000000e+00
4.87908129e-02 4.19798456e-02]
[ 0.00000000e+00 8.21647856e+00 -5.55111512e-17 ... 0.00000000e+00
3.81938887e+00 -5.95318091e+00]
[ 0.00000000e+00 0.00000000e+00 -5.95366162e-01 ... 0.00000000e+00
6.78841988e-01 1.43776258e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 0.00000000e+00
3.90564204e+01 3.76351067e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.63009864e+01
5.89484300e+00 2.34878192e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 0.00000000e+00
1.99412626e+01 4.98434220e+01]]
[06-24 17:40:25][INFO]
[[-1.23721903e-01 0.00000000e+00 0.00000000e+00 ... 0.00000000e+00
0.00000000e+00 -7.99733688e-02]
[ 0.00000000e+00 8.21647856e+00 -5.55111512e-17 ... 0.00000000e+00
0.00000000e+00 -1.54997886e+01]
[ 0.00000000e+00 0.00000000e+00 -5.95366162e-01 ... 0.00000000e+00
-1.11022302e-16 -2.59011010e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 0.00000000e+00
0.00000000e+00 -5.99868785e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.63009864e+01
8.88178420e-16 8.75358935e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 0.00000000e+00
1.99412626e+01 4.98434220e+01]]
n = 32: 0.097347 segundos
[06-24 17:40:25][INFO]
[[ 1.40954426e-01 -1.91531719e+00 7.30422006e-01 ... 3.97964647e+00
-4.15872338e+00 -1.06896092e+00]
[ 0.00000000e+00 -1.93370267e+01 5.79902966e+00 ... 4.91857685e+01
-4.72762358e+01 -9.28943205e+00]
[ 0.00000000e+00 -1.24839918e+01 2.26228535e+00 ... 2.14617003e+01
-1.86175585e+01 -3.92164192e+00]
...
[ 0.00000000e+00 7.86215576e+00 -2.55536293e+00 ... -3.04210354e+01
2.43438424e+01 1.19612246e+01]
[ 0.00000000e+00 -7.27660385e+00 6.63272379e+00 ... 1.61953049e+01
-2.06313809e+01 -8.66876864e+00]
[ 4.44089210e-16 -5.27518314e+01 2.08871906e+01 ... 1.15733407e+02
-1.1889491e+02 -3.37146156e+01]]
[06-24 17:40:25][INFO]
[[ 1.40954426e-01 2.22044605e-16 -1.03627304e+00 ... 2.44979810e+00
-4.98035134e-01 -2.86737331e+00]
[ 0.00000000e+00 2.39453748e+00 -2.20872946e+00 ... -1.91262277e+00
4.57660761e+00 -2.24838261e+00]
[ 0.00000000e+00 0.00000000e+00 -9.25299089e+00 ... 1.14901851e+01

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5.24272034e+00 -1.56436510e+01]
...
[ 0.00000000e+00 0.00000000e+00 4.69671611e+00 ... -2.41411846e+01
 9.31714012e+00 1.93434997e+01]
[ 0.00000000e+00 0.00000000e+00 -7.92401811e-02 ... 1.03831603e+01
-6.72382638e+00 -1.55012320e+01]
[ 4.44089210e-16 0.00000000e+00 -2.77712769e+01 ... 7.35981912e+01
-1.80664989e+01 -8.32466448e+01]]
[06-24 17:40:25][INFO]
[[ 1.40954426e-01 2.22044605e-16 0.00000000e+00 ... 1.72976948e+02
-1.07465069e+02 -2.04440318e+02]
[ 0.00000000e+00 2.39453748e+00 0.00000000e+00 ... 3.61551760e+02
-2.23414695e+02 -4.31884286e+02]
[ 0.00000000e+00 0.00000000e+00 6.19020604e-02 ... 1.01864871e+01
-6.38970577e+00 -1.20410164e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.97023989e+02
4.94125462e+02 9.32935637e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.34227760e+01
-1.49032220e+01 -3.09148113e+01]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 4.64358750e+03
-2.88469626e+03 -5.48523809e+03]]
[06-24 17:40:25][INFO]
[[ 1.40954426e-01 2.22044605e-16 0.00000000e+00 ... -1.10093348e+02
7.26442165e+01 1.69173158e+02]
[ 0.00000000e+00 2.39453748e+00 0.00000000e+00 ... -2.32441809e+02
1.54525905e+02 3.52104729e+02]
[ 0.00000000e+00 0.00000000e+00 6.19020604e-02 ... -6.49115128e+00
4.22178396e+00 9.97115002e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.91473463e+02
-3.25707488e+02 -7.67702048e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.91399123e+03
-1.26420656e+03 -2.92818186e+03]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -2.95469257e+03
1.94986539e+03 4.54343632e+03]]
[06-24 17:40:25][INFO]
[[ 1.40954426e-01 2.22044605e-16 0.00000000e+00 ... -2.90791350e+01
2.92559029e+01 1.19030150e+01]
[ 0.00000000e+00 2.39453748e+00 0.00000000e+00 ... -6.90500357e+01
6.70191176e+01 3.49178224e+01]
[ 0.00000000e+00 0.00000000e+00 6.19020604e-02 ... -1.66824866e+00
1.63880988e+00 6.08612778e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.07228236e+02
-1.19919494e+02 -2.17798254e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.25427973e+02
-5.20541763e+02 -2.32611115e+02]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -7.77411649e+02
7.83791637e+02 3.16754744e+02]]
[06-24 17:40:25][INFO]
[[ 1.40954426e-01 2.22044605e-16 0.00000000e+00 ... 4.22466611e+00
-5.53241296e+00 1.28810141e-01]
[ 0.00000000e+00 2.39453748e+00 0.00000000e+00 ... 1.07460384e+01

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-1.63338613e+01  6.70676850e+00]
[ 0.00000000e+00  0.00000000e+00  6.19020604e-02 ...  3.85641856e-01
-5.06632662e-01 -1.17518382e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.83107333e+01
 2.16611160e+01  2.61385365e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -6.06607997e+01
 9.16718787e+01 -2.54056586e+01]
[ 4.44089210e-16  0.00000000e+00  0.00000000e+00 ...  1.06493451e+02
-1.39513475e+02  4.25949009e+00]]
[06-24 17:40:25][INFO]
[[ 1.40954426e-01  2.22044605e-16  0.00000000e+00 ...  1.13480923e+00
 2.28210060e+01 -6.66849286e+01]
[ 0.00000000e+00  2.39453748e+00  0.00000000e+00 ...  3.05950628e+00
 5.41999769e+01 -1.59503502e+02]
[ 0.00000000e+00  0.00000000e+00  6.19020604e-02 ...  1.18520446e-01
 1.94455053e+00 -5.89363707e+00]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.23742870e+01
-1.24576317e+02  3.70741410e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.32013284e+01
-3.43829935e+02  1.00083757e+03]
[ 4.44089210e-16  0.00000000e+00  0.00000000e+00 ...  2.77299518e+01
 5.83243138e+02 -1.69888861e+03]]
[06-24 17:40:25][INFO]
[[ 1.40954426e-01  2.22044605e-16  0.00000000e+00 ... -7.42675161e-01
 3.91970767e+00 -1.04343172e+01]
[ 0.00000000e+00  2.39453748e+00  0.00000000e+00 ... -1.26585045e+00
 1.06550833e+01 -2.99130980e+01]
[ 0.00000000e+00  0.00000000e+00  6.19020604e-02 ... -4.74342829e-02
 2.73825673e-01 -9.21529188e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  3.60078195e+00
-2.91174809e+01  8.27618617e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.29971895e+01
-8.00802037e+01  2.15913527e+02]
[ 4.44089210e-16  0.00000000e+00  0.00000000e+00 ... -1.83857362e+01
 1.18980222e+02 -3.17233631e+02]]
[06-24 17:40:25][INFO]
[[ 1.40954426e-01  2.22044605e-16  0.00000000e+00 ... -6.48717331e-01
 3.19829191e+00 -6.48082320e+00]
[ 0.00000000e+00  2.39453748e+00  0.00000000e+00 ... -8.85502440e-01
 7.73474077e+00 -1.39090718e+01]
[ 0.00000000e+00  0.00000000e+00  6.19020604e-02 ... -3.80396213e-02
 2.01692706e-01 -5.26226968e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.78923801e+00
-2.28863813e+01  4.86142643e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.11309353e+01
-6.57509538e+01  1.37386543e+02]
[ 4.44089210e-16  0.00000000e+00  0.00000000e+00 ... -1.58265950e+01
 9.93309304e+01 -2.09551820e+02]]
[06-24 17:40:25][INFO]
[[ 1.40954426e-01  2.22044605e-16  0.00000000e+00 ...  3.95306250e+00

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-1.59575826e+01  1.92725847e+01]
[ 0.00000000e+00  2.39453748e+00  0.00000000e+00 ...  1.11054684e+00
-5.74233341e-01 -2.73837845e+00]
[ 0.00000000e+00  0.00000000e+00  6.19020604e-02 ...  2.65465009e-01
-1.06170902e+00  1.17230682e+00]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.38715801e+01
 4.64677711e+01 -4.46263643e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -9.13588435e+01
 3.60884264e+02 -4.36187417e+02]
[ 4.44089210e-16  0.00000000e+00  0.00000000e+00 ...  1.53270480e+02
-6.04571142e+02  7.36783321e+02]]
[06-24 17:40:25][INFO]
[[ 1.40954426e-01  2.22044605e-16  0.00000000e+00 ... -1.15367747e+00
 1.14925190e+00  2.84365323e+00]
[ 0.00000000e+00  2.39453748e+00  0.00000000e+00 ...  1.65563964e+00
-2.40021476e+00 -9.84756320e-01]
[ 0.00000000e+00  0.00000000e+00  6.19020604e-02 ... -4.30576670e-02
-2.82030344e-02  1.79756208e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -3.59066106e+01
 2.01850725e+01  1.23471831e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.35781802e+01
-2.41380111e+01 -6.64226555e+01]
[ 4.44089210e-16  0.00000000e+00  0.00000000e+00 ... -3.98584011e+01
 4.23824593e+01  1.15466947e+02]]
[06-24 17:40:25][INFO]
[[ 1.40954426e-01  2.22044605e-16  0.00000000e+00 ... -1.39442772e+00
 2.20771842e+00 -1.19531586e+00]
[ 0.00000000e+00  2.39453748e+00  0.00000000e+00 ...  1.75504054e+00
-2.83723415e+00  6.82852234e-01]
[ 0.00000000e+00  0.00000000e+00  6.19020604e-02 ... -6.52973829e-02
 6.95746200e-02 -1.93350468e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -4.49249496e+01
 5.98345014e+01 -2.78251783e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.91628522e+01
-4.86912085e+01  2.72691183e+01]
[ 4.44089210e-16  0.00000000e+00  0.00000000e+00 ... -4.88091513e+01
 8.17347319e+01 -3.46961526e+01]]
[06-24 17:40:25][INFO]
[[ 1.40954426e-01  2.22044605e-16  0.00000000e+00 ... -7.91725785e-02
 7.84314315e-02  7.15934114e-01]
[ 0.00000000e+00  2.39453748e+00  0.00000000e+00 ...  2.77662378e-01
-4.45483684e-01 -1.46398520e+00]
[ 0.00000000e+00  0.00000000e+00  6.19020604e-02 ...  7.21813640e-02
-1.52991860e-01  6.42541067e-03]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.00962602e+00
-1.45296968e+01  3.89241950e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  9.17341246e-01
-2.96411181e+00 -1.37755661e+01]
[ 4.44089210e-16  0.00000000e+00  0.00000000e+00 ... -5.74064763e-01
 3.64620068e+00  3.53961855e+01]]

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[06-24 17:40:25][INFO]
[[ 1.40954426e-01  2.22044605e-16  0.00000000e+00 ... -1.16258836e+01
  -3.03520955e+00  4.19095028e+01]
 [ 0.00000000e+00  2.39453748e+00  0.00000000e+00 ... -6.28761644e+01
  -1.74752979e+01  2.23840996e+02]
 [ 0.00000000e+00  0.00000000e+00  6.19020604e-02 ...  8.64691949e-02
  -1.49139059e-01 -4.45472639e-02]
 ...
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.50653885e+03
  -4.21049329e+02  5.41719180e+03]
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.54575135e+02
  3.84706488e+01 -5.61958760e+02]
 [ 4.44089210e-16  0.00000000e+00  0.00000000e+00 ... -9.60523780e+02
  -2.55210090e+02  3.46007310e+03]]
[06-24 17:40:25][INFO]
[[ 1.40954426e-01  2.22044605e-16  0.00000000e+00 ...  3.71799939e+00
  -1.08934569e+01 -4.98171676e+00]
 [ 0.00000000e+00  2.39453748e+00  0.00000000e+00 ...  2.01406366e+01
  -5.99916907e+01 -2.98600427e+01]
 [ 0.00000000e+00  0.00000000e+00  6.19020604e-02 ...  7.54972930e-02
  -1.43519887e-01 -1.10169077e-02]
 ...
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  4.84331338e+02
  -1.44065762e+03 -6.66948134e+02]
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -5.00598685e+01
  1.43272835e+02  6.34099903e+01]
 [ 4.44089210e-16  0.00000000e+00  0.00000000e+00 ...  3.09352167e+02
  -9.05566933e+02 -4.20693721e+02]]
[06-24 17:40:25][INFO]
[[ 1.40954426e-01  2.22044605e-16  0.00000000e+00 ... -1.20123514e+01
  1.67015261e+01  2.71663075e+00]
 [ 0.00000000e+00  2.39453748e+00  0.00000000e+00 ... -6.30161681e+01
  8.58862141e+01  1.08364420e+01]
 [ 0.00000000e+00  0.00000000e+00  6.19020604e-02 ... -3.41261570e-02
  4.87871557e-02  4.26322082e-02]
 ...
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.65320903e+03
  2.30912462e+03  3.79152411e+02]
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.40298339e+02
  -1.90663235e+02 -2.97502739e+01]
 [ 4.44089210e-16  0.00000000e+00  0.00000000e+00 ... -1.03995995e+03
  1.46146514e+03  2.39652237e+02]]
[06-24 17:40:25][INFO]
[[ 1.40954426e-01  2.22044605e-16  0.00000000e+00 ...  1.40103621e+01
  -2.08685506e+01 -5.77241939e+00]
 [ 0.00000000e+00  2.39453748e+00  0.00000000e+00 ...  8.89507340e+01
  -1.33514741e+02 -3.87377369e+01]
 [ 0.00000000e+00  0.00000000e+00  6.19020604e-02 ... -1.48009888e+00
  2.13639828e+00  5.14333016e-01]
 ...
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.29945072e+03
  -1.95375341e+03 -5.84055238e+02]
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.89237284e+02
  4.29475259e+02  1.10371526e+02]

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[ 4.44089210e-16  0.00000000e+00  0.00000000e+00 ...  9.99300012e+02
-1.48269951e+03 -4.25588921e+02]]
[06-24 17:40:25][INFO]
[[ 1.40954426e-01  2.22044605e-16  0.00000000e+00 ...  1.98134443e+00
-3.24085377e+00  4.66112506e-01]
[ 0.00000000e+00  2.39453748e+00  0.00000000e+00 ...  1.41713932e+01
-2.39307671e+01  4.45907564e-02]
[ 0.00000000e+00  0.00000000e+00  6.19020604e-02 ... -3.02651844e-01
4.10930748e-01 -9.63187529e-02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.42273295e+02
-2.57989587e+02  1.60842337e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -4.64510229e+01
7.36887155e+01 -1.55431481e+01]
[ 4.44089210e-16  0.00000000e+00  0.00000000e+00 ...  1.32408096e+02
-2.12329115e+02  2.40016465e+01]]
[06-24 17:40:25][INFO]
[[ 1.40954426e-01  2.22044605e-16  0.00000000e+00 ... -3.89399998e+00
7.77385296e+00  3.65044864e+00]
[ 0.00000000e+00  2.39453748e+00  0.00000000e+00 ... -2.31499730e+01
4.60368595e+01  2.02721327e+01]
[ 0.00000000e+00  0.00000000e+00  6.19020604e-02 ...  7.91272615e-01
-1.63988641e+00 -6.89207092e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.54266908e+02
4.85417732e+02  2.31002239e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  9.16137301e+01
-1.85145943e+02 -9.03718818e+01]
[ 4.44089210e-16  0.00000000e+00  0.00000000e+00 ... -2.29902262e+02
4.66906358e+02  2.20367661e+02]]
[06-24 17:40:25][INFO]
[[ 1.40954426e-01  2.22044605e-16  0.00000000e+00 ...  7.80666638e-01
-1.47482871e+00 -8.30682038e-01]
[ 0.00000000e+00  2.39453748e+00  0.00000000e+00 ...  2.95489411e-01
-3.49254501e-01 -2.20266387e+00]
[ 0.00000000e+00  0.00000000e+00  6.19020604e-02 ...  4.70260259e-03
-8.36822414e-02  6.47981252e-02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  9.47472312e+01
-2.05095824e+02 -1.03562361e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.85534832e+01
5.26011294e+01  2.48202871e+01]
[ 4.44089210e-16  0.00000000e+00  0.00000000e+00 ...  7.10552992e+01
-1.28528763e+02 -6.81299521e+01]]
[06-24 17:40:25][INFO]
[[ 1.40954426e-01  2.22044605e-16  0.00000000e+00 ...  6.65630040e-01
-1.39626232e+00 -2.17754852e+00]
[ 0.00000000e+00  2.39453748e+00  0.00000000e+00 ...  2.35564822e-01
-3.08327887e-01 -2.90427033e+00]
[ 0.00000000e+00  0.00000000e+00  6.19020604e-02 ...  1.26202152e-03
-8.13324325e-02  2.45152638e-02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  7.84435912e+01
-1.93960949e+02 -2.94447930e+02]

```

```

[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.45282948e+01
 4.98520521e+01 7.19478227e+01]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 6.12552925e+01
-1.21835666e+02 -1.82869964e+02]]
[06-24 17:40:25][INFO]
[[ 1.40954426e-01 2.22044605e-16 0.00000000e+00 ... 5.66028892e-01
-3.46963738e-01 -1.18181962e+00]
[ 0.00000000e+00 2.39453748e+00 0.00000000e+00 ... 1.69631538e-01
3.86279591e-01 -2.24512454e+00]
[ 0.00000000e+00 0.00000000e+00 6.19020604e-02 ... -5.83724228e-04
-6.18874920e-02 4.29674848e-02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.48555779e+01
-5.08111622e+01 -1.58606347e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.09497356e+01
1.21519133e+01 3.61723832e+01]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 5.27521545e+01
-3.22550653e+01 -9.78627077e+01]]
[06-24 17:40:25][INFO]
[[ 1.40954426e-01 2.22044605e-16 0.00000000e+00 ... -1.43863242e+00
1.28505680e+00 3.22228665e+00]
[ 0.00000000e+00 2.39453748e+00 0.00000000e+00 ... -4.11810469e+00
3.87698075e+00 7.17474398e+00]
[ 0.00000000e+00 0.00000000e+00 6.19020604e-02 ... -2.31850373e-01
1.26389659e-01 5.51044780e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.63855696e+02
2.16796910e+02 5.63550246e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.89901573e+01
-2.03636668e+01 -5.15728791e+01]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -7.73259921e+01
7.36432255e+01 1.87910245e+02]]
[06-24 17:40:25][INFO]
[[ 1.40954426e-01 2.22044605e-16 0.00000000e+00 ... -2.04186086e-01
-3.86738796e-02 -1.30184335e-01]
[ 0.00000000e+00 2.39453748e+00 0.00000000e+00 ... -3.96397046e-01
-1.13908477e-01 -2.93255398e+00]
[ 0.00000000e+00 0.00000000e+00 6.19020604e-02 ... -1.30652682e-01
1.78725979e-02 2.76215236e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.20161907e+01
1.10821444e+01 4.25584793e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.24574246e+01
4.97306862e-01 1.64218826e+01]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 7.74413013e-01
-1.01059820e+01 -2.41924087e+01]]
[06-24 17:40:25][INFO]
[[ 1.40954426e-01 2.22044605e-16 0.00000000e+00 ... -6.12768688e+00
2.49796777e+00 -1.17365995e+01]
[ 0.00000000e+00 2.39453748e+00 0.00000000e+00 ... 1.17097821e+01
-5.29818030e+00 2.07881049e+01]
[ 0.00000000e+00 0.00000000e+00 6.19020604e-02 ... -3.69365116e+00
1.54366801e+00 -6.70506848e+00]
...

```

```

[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.43485862e+03
 5.94696967e+02 -2.62777375e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.33594919e+02
 2.15101184e+02 -9.65499119e+02]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 3.13390499e+01
 -2.31947843e+01 3.56954647e+01]]
[06-24 17:40:25][INFO]
[[ 1.40954426e-01 2.22044605e-16 0.00000000e+00 ... -2.86282206e+01
 1.91511537e+01 -3.73649134e+01]
[ 0.00000000e+00 2.39453748e+00 0.00000000e+00 ... 4.14796467e+01
 -2.73315728e+01 5.46962533e+01]
[ 0.00000000e+00 0.00000000e+00 6.19020604e-02 ... -1.87545235e+01
 1.26905818e+01 -2.38595400e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.89859464e+03
 4.63853936e+03 -8.85101910e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.78681589e+03
 1.88276420e+03 -3.53193844e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.50470912e+03
 -1.69052464e+03 3.12128010e+03]]
[06-24 17:40:25][INFO]
[[ 1.40954426e-01 2.22044605e-16 0.00000000e+00 ... 1.22244956e+00
 -6.38390328e-01 -1.80237255e+00]
[ 0.00000000e+00 2.39453748e+00 0.00000000e+00 ... -2.55818389e+00
 1.86336936e+00 2.23186492e+00]
[ 0.00000000e+00 0.00000000e+00 6.19020604e-02 ... 5.90059054e-01
 -1.33936673e-01 -8.13407190e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.26554419e+02
 -8.50883055e+01 -3.62485900e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 8.67765359e+01
 -2.22879709e+01 -1.08489393e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.63109192e+01
 1.39367429e+01 5.83001087e+01]]
[06-24 17:40:25][INFO]
[[ 1.40954426e-01 2.22044605e-16 0.00000000e+00 ... 9.63744568e-02
 -4.01720117e-01 -8.12334983e-01]
[ 0.00000000e+00 2.39453748e+00 0.00000000e+00 ... -6.82392745e-01
 1.46912933e+00 5.82682112e-01]
[ 0.00000000e+00 0.00000000e+00 6.19020604e-02 ... -1.23084093e-01
 1.59465249e-02 -1.86416591e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.97339452e+01
 -2.49183158e+01 -1.10783119e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.11311552e-01
 -4.17839571e+00 -3.27335142e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.38210157e+01
 7.41536447e+01 1.68527826e+02]]
[06-24 17:40:25][INFO]
[[ 1.40954426e-01 2.22044605e-16 0.00000000e+00 ... 9.30783354e-02
 -3.79190690e-01 -6.35839649e-01]
[ 0.00000000e+00 2.39453748e+00 0.00000000e+00 ... -6.98004271e-01
 1.57583619e+00 1.41862267e+00]
[ 0.00000000e+00 0.00000000e+00 6.19020604e-02 ... -1.36543717e-01

```

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1.07944843e-01  5.34297401e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -6.28885217e+01
-3.35636672e+00  5.81329954e+01]
[ 8.88178420e-16  0.00000000e+00  0.00000000e+00 ... -2.36588918e+01
-2.08746189e+01 -1.23219660e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  4.70932641e+01
5.17873918e+01 -6.68919645e+00]]
[06-24 17:40:25][INFO]
[[ 1.40954426e-01  2.22044605e-16  0.00000000e+00 ...  8.27302563e-01
-5.96583174e-01 -1.89532441e+00]
[ 0.00000000e+00  2.39453748e+00  0.00000000e+00 ... -1.54141937e+00
1.82555841e+00  2.86541293e+00]
[ 0.00000000e+00  0.00000000e+00  6.19020604e-02 ... -2.07500303e-01
1.28953995e-01  6.56015992e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  3.47023032e+01
-3.22515067e+01 -1.09273843e+02]
[ 8.88178420e-16  0.00000000e+00  0.00000000e+00 ...  5.14444548e+01
-4.31115629e+01 -1.41153891e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.14173115e+02
9.95358824e+01  2.69946385e+02]]
[06-24 17:40:25][INFO]
[[ 1.40954426e-01  2.22044605e-16  0.00000000e+00 ...  2.61054184e-01
-7.03252115e-02 -1.12268802e-01]
[ 0.00000000e+00  2.39453748e+00  0.00000000e+00 ... -7.21497933e-01
1.06354266e+00  2.83567993e-01]
[ 0.00000000e+00  0.00000000e+00  6.19020604e-02 ...  2.71170105e-02
-8.90938329e-02 -8.27688438e-02]
...
[ 0.00000000e+00  7.10542736e-15  0.00000000e+00 ... -6.72623895e+00
3.12465621e+01  6.26602512e+01]
[ 8.88178420e-16  0.00000000e+00  0.00000000e+00 ...  6.25358978e+00
-1.11223294e+00  1.14731185e+00]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -3.26955926e+01
2.38125844e+01  1.33823788e+01]]
[06-24 17:40:25][INFO]
[[ 1.40954426e-01  2.22044605e-16  0.00000000e+00 ... -5.62959577e+00
4.21990439e+00  2.29878732e+00]
[ 0.00000000e+00  2.39453748e+00  0.00000000e+00 ...  4.26037191e+01
-3.04907222e+01 -1.74495397e+01]
[ 0.00000000e+00  0.00000000e+00  6.19020604e-02 ...  7.73992681e+00
-5.70642387e+00 -3.23963905e+00]
...
[ 0.00000000e+00  7.10542736e-15  0.00000000e+00 ... -3.00986330e+03
2.21846659e+03  1.29185093e+03]
[ 8.88178420e-16  0.00000000e+00  0.00000000e+00 ... -1.01394980e+03
7.41913886e+02  4.18718827e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.11113605e+03
8.23015116e+02  5.12088752e+02]]
[06-24 17:40:25][INFO]
[[ 1.40954426e-01  2.22044605e-16  0.00000000e+00 ...  4.41069706e-01
-9.25908575e-01 -2.46731800e+00]
[ 0.00000000e+00  2.39453748e+00  0.00000000e+00 ... -4.01861840e+00

```



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    9.02880494e+00  1.91538561e+01]
[ 0.00000000e+00  0.00000000e+00  6.19020604e-02 ... -4.31446976e-01
  1.22005913e+00  3.17574133e+00]
...
[ 0.00000000e+00  7.10542736e-15  0.00000000e+00 ...  1.36126567e+02
 -4.48238659e+02 -1.17807912e+03]
[ 8.88178420e-16  0.00000000e+00  0.00000000e+00 ...  7.72206101e+01
 -1.83019114e+02 -4.37963709e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.32914685e+00
 -1.19968461e+02 -3.61312414e+02]]
[06-24 17:40:25][INFO]
[[ 1.40954426e-01  2.22044605e-16  0.00000000e+00 ...  3.48064945e-01
  -7.05479743e-01 -1.93983305e+00]
 [ 0.00000000e+00  2.39453748e+00  0.00000000e+00 ...  6.41280292e-01
  -2.01553323e+00 -7.27518286e+00]
 [ 0.00000000e+00  0.00000000e+00  6.19020604e-02 ...  4.29979279e-01
  -8.21591025e-01 -1.70991597e+00]
 ...
 [ 0.00000000e+00  7.10542736e-15  0.00000000e+00 ... -2.37973158e+02
  4.38408057e+02  9.43661472e+02]
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.10273252e+02
  -3.46698657e+02 -7.15457771e+02]
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.26107695e+02
  1.82067200e+02  3.61457218e+02]]
[06-24 17:40:25][INFO]
[[ 1.40954426e-01  2.22044605e-16  0.00000000e+00 ... -4.64473623e-01
  4.67617755e-01  3.89112300e-01]
 [ 0.00000000e+00  2.39453748e+00  0.00000000e+00 ... -4.08358478e+00
  4.80596129e+00  6.26750049e+00]
 [ 0.00000000e+00  0.00000000e+00  6.19020604e-02 ... -2.61505866e-01
  1.76736347e-01  2.72059012e-01]
 ...
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.26107695e+02
  1.82067200e+02  3.61457218e+02]
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -4.01515004e+01
  1.48505197e+01  2.32423491e+00]
 [ 0.00000000e+00  7.10542736e-15  0.00000000e+00 ...  1.16153501e+02
  -7.28601019e+01 -7.13569760e+01]]
[06-24 17:40:25][INFO]
[[ 1.40954426e-01  2.22044605e-16  0.00000000e+00 ... -5.55111512e-17
  2.95826549e-01  3.62225489e-01]
 [ 0.00000000e+00  2.39453748e+00  0.00000000e+00 ...  0.00000000e+00
  3.29559790e+00  6.03111555e+00]
 [ 0.00000000e+00  0.00000000e+00  6.19020604e-02 ...  0.00000000e+00
  8.00152290e-02  2.56921320e-01]
 ...
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  0.00000000e+00
  1.35424738e+02  3.54157269e+02]
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -4.01515004e+01
  1.48505197e+01  2.32423491e+00]
 [ 0.00000000e+00  7.10542736e-15  0.00000000e+00 ...  0.00000000e+00
  -2.98993199e+01 -6.46332417e+01]]
[06-24 17:40:25][INFO]
[[ 1.40954426e-01  2.22044605e-16  0.00000000e+00 ... -5.55111512e-17

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0.00000000e+00 -2.77261592e-01]
[ 0.00000000e+00 2.39453748e+00 0.00000000e+00 ... 0.00000000e+00
0.00000000e+00 -1.09296542e+00]
[ 0.00000000e+00 0.00000000e+00 6.19020604e-02 ... 0.00000000e+00
0.00000000e+00 8.39527152e-02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 0.00000000e+00
0.00000000e+00 6.14101479e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.01515004e+01
0.00000000e+00 -2.97780748e+01]
[ 0.00000000e+00 7.10542736e-15 0.00000000e+00 ... 0.00000000e+00
-2.98993199e+01 -6.46332417e+01]]
n = 37: 0.147757 segundos
[06-24 17:40:25][INFO]
[[ 4.45594167e-02 -1.87810263e+00 -7.25334718e-01 ... 3.02396031e+00
3.61418046e+00 -3.62699967e+00]
[ 0.00000000e+00 -1.76667605e+02 -6.44042425e+01 ... 2.81837141e+02
3.40641124e+02 -3.41013362e+02]
[ 0.00000000e+00 -5.46310919e+01 -1.83839547e+01 ... 8.09073814e+01
9.63919976e+01 -9.80737011e+01]
...
[ 0.00000000e+00 9.44665877e+01 3.71486699e+01 ... -1.43669559e+02
-1.72384773e+02 1.72962452e+02]
[ 0.00000000e+00 1.87229766e+02 7.39651520e+01 ... -2.94951551e+02
-3.56504438e+02 3.58329101e+02]
[ 4.44089210e-16 1.38746001e+02 5.17535252e+01 ... -2.11182557e+02
-2.57426181e+02 2.57639312e+02]]
[06-24 17:40:25][INFO]
[[ 4.45594167e-02 0.00000000e+00 -6.18742547e-01 ... 5.83730346e-01
-2.01355018e-01 -6.45046860e-01]
[ 0.00000000e+00 1.15538981e+01 6.55744289e-01 ... -1.50120487e+01
-2.34727896e+01 1.83446731e+01]
[ 0.00000000e+00 0.00000000e+00 -1.52833538e+01 ... 9.92487764e+00
-1.45960101e+01 -1.13333199e+01]
...
[ 0.00000000e+00 1.42108547e-14 3.17871958e+01 ... -2.09285584e+01
1.95326492e+01 2.29733610e+01]
[ 0.00000000e+00 2.84217094e-14 6.33388812e+01 ... -5.16827984e+01
2.38697773e+01 6.10555024e+01]
[ 4.44089210e-16 0.00000000e+00 4.38789622e+01 ... -3.09090496e+01
2.44488772e+01 3.73456919e+01]]
[06-24 17:40:25][INFO]
[[ 4.45594167e-02 0.00000000e+00 0.00000000e+00 ... -1.75086113e+00
1.22797517e+00 -1.54304422e+00]
[ 0.00000000e+00 1.15538981e+01 0.00000000e+00 ... -1.25378451e+01
-2.49875959e+01 1.92963720e+01]
[ 0.00000000e+00 0.00000000e+00 1.25153526e+00 ... -4.72219595e+00
2.89111704e+00 -1.81638608e+00]
...
[ 0.00000000e+00 1.42108547e-14 0.00000000e+00 ... 9.90084279e+01
-5.38975660e+01 6.91069555e+01]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... 1.87302565e+02
-1.22446611e+02 1.52980889e+02]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 1.34651654e+02

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-7.69140004e+01  1.01028385e+02]]
[06-24 17:40:25][INFO]
[[ 4.45594167e-02  0.00000000e+00  0.00000000e+00 ...  9.57011722e-01
  6.62735133e-01 -1.10225050e+00]
 [ 0.00000000e+00  1.15538981e+01  0.00000000e+00 ... -2.98256235e+01
 -2.13789536e+01  1.64822281e+01]
 [ 0.00000000e+00  0.00000000e+00  1.25153526e+00 ... -3.26466900e-02
  1.91222286e+00 -1.05301056e+00]
...
 [ 0.00000000e+00  1.42108547e-14  0.00000000e+00 ... -3.33517531e+01
 -2.62687676e+01  4.75610634e+01]
 [ 0.00000000e+00  2.84217094e-14  7.10542736e-15 ... -8.97659438e+01
 -6.46114680e+01  1.07879045e+02]
 [ 4.44089210e-16  0.00000000e+00  0.00000000e+00 ... -5.22608505e+01
 -3.78979772e+01  7.06023418e+01]]
[06-24 17:40:25][INFO]
[[ 4.45594167e-02  0.00000000e+00  0.00000000e+00 ...  1.10085877e-01
  8.08742798e-01 -4.58091944e-01]
 [ 0.00000000e+00  1.15538981e+01  0.00000000e+00 ...  1.53648151e+00
 -2.67856935e+01 -7.37129858e+00]
 [ 0.00000000e+00  0.00000000e+00  1.25153526e+00 ...  4.22850880e-01
  1.83369634e+00 -1.39945489e+00]
...
 [ 0.00000000e+00  1.42108547e-14  0.00000000e+00 ... -7.25498611e+00
 -3.07677778e+01  2.77122705e+01]
 [ 0.00000000e+00  2.84217094e-14  7.10542736e-15 ... -1.29185885e+01
 -7.78597388e+01  4.94301486e+01]
 [ 4.44089210e-16  0.00000000e+00  0.00000000e+00 ... -6.59850954e+00
 -4.57700380e+01  3.58722793e+01]]
[06-24 17:40:25][INFO]
[[ 4.45594167e-02  0.00000000e+00  0.00000000e+00 ... -1.38910899e-01
 -5.83760227e-02  2.30433183e-01]
 [ 0.00000000e+00  1.15538981e+01  0.00000000e+00 ...  5.35840652e+00
 -1.34760308e+01 -1.79396740e+01]
 [ 0.00000000e+00  0.00000000e+00  1.25153526e+00 ... -4.97261228e-01
 -1.37054806e+00  1.14483631e+00]
...
 [ 0.00000000e+00  1.42108547e-14  0.00000000e+00 ...  4.05373950e+00
  8.61429360e+00 -3.55858315e+00]
 [ 0.00000000e+00  2.84217094e-14  7.10542736e-15 ...  1.12917224e+01
  6.45145803e+00 -1.75161293e+01]
 [ 4.44089210e-16  0.00000000e+00  0.00000000e+00 ...  7.83902323e+00
  4.50794788e+00 -4.05034238e+00]]
[06-24 17:40:25][INFO]
[[ 4.45594167e-02  0.00000000e+00  0.00000000e+00 ...  3.78724253e-01
  4.96327130e-01  3.28202268e-01]
 [ 0.00000000e+00  1.15538981e+01  0.00000000e+00 ... -1.14216599e+01
 -3.14577225e+01 -2.11090332e+01]
 [ 0.00000000e+00  0.00000000e+00  1.25153526e+00 ...  1.61738730e+00
  8.95531043e-01  1.54424360e+00]
...
 [ 0.00000000e+00  1.42108547e-14  0.00000000e+00 ... -1.49117601e+01
 -1.17093308e+01 -7.14071922e+00]
 [ 0.00000000e+00  2.84217094e-14  7.10542736e-15 ... -4.06877287e+01

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```

-4.92502564e+01 -2.73338230e+01]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -1.16404423e+01
-1.63664477e+01 -7.72955450e+00]]
[06-24 17:40:25][INFO]
[[ 4.45594167e-02 0.00000000e+00 0.00000000e+00 ... 7.64610900e-01
6.12940114e-02 -6.86276372e-01]
[ 0.00000000e+00 1.15538981e+01 0.00000000e+00 ... -2.42870774e+01
-1.69537671e+01 1.27135709e+01]
[ 0.00000000e+00 0.00000000e+00 1.25153526e+00 ... 3.21175501e+00
-9.01895133e-01 -2.64727743e+00]
...
[ 0.00000000e+00 1.42108547e-14 0.00000000e+00 ... -2.90235864e+01
4.19977582e+00 2.99586376e+01]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... -7.78611538e+01
-7.34242882e+00 7.03934399e+01]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -2.67883277e+01
7.10670368e-01 3.20935550e+01]]
[06-24 17:40:25][INFO]
[[ 4.45594167e-02 0.00000000e+00 0.00000000e+00 ... -2.04755632e+01
-9.98346955e+00 2.03044046e+01]
[ 0.00000000e+00 1.15538981e+01 0.00000000e+00 ... -1.18209823e+03
-5.64498209e+02 1.15692474e+03]
[ 0.00000000e+00 0.00000000e+00 1.25153526e+00 ... -1.16007859e+02
-5.72824517e+01 1.15171949e+02]
...
[ 0.00000000e+00 1.42108547e-14 0.00000000e+00 ... 2.32238892e+03
1.11621432e+03 -2.29383350e+03]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... 2.18396327e+03
1.06230471e+03 -2.16486294e+03]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 1.68191921e+03
8.08781409e+02 -1.65654301e+03]]
[06-24 17:40:25][INFO]
[[ 4.45594167e-02 0.00000000e+00 0.00000000e+00 ... -3.56859661e+00
-1.69579706e-01 2.46154582e+00]
[ 0.00000000e+00 1.15538981e+01 0.00000000e+00 ... -2.18591233e+02
-5.21683347e+00 1.40082415e+02]
[ 0.00000000e+00 0.00000000e+00 1.25153526e+00 ... -2.07923129e+01
-2.01323006e+00 1.46857067e+01]
...
[ 0.00000000e+00 1.42108547e-14 0.00000000e+00 ... 4.21950600e+02
1.30778052e+01 -2.88195633e+02]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... 3.83930167e+02
1.74498332e+01 -2.65188265e+02]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 3.03992055e+02
8.94394531e+00 -2.02340130e+02]]
[06-24 17:40:25][INFO]
[[ 4.45594167e-02 0.00000000e+00 0.00000000e+00 ... 1.23782877e+01
2.23520373e+01 -7.19648978e+00]
[ 0.00000000e+00 1.15538981e+01 0.00000000e+00 ... 7.07499463e+02
1.30269132e+03 -4.20793097e+02]
[ 0.00000000e+00 0.00000000e+00 1.25153526e+00 ... 6.42642499e+01
1.18111259e+02 -3.68277611e+01]
...
[ 0.00000000e+00 1.42108547e-14 0.00000000e+00 ... -1.40897912e+03

```

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-2.57272499e+03  8.20684576e+02]
[ 0.00000000e+00  2.84217094e-14  7.10542736e-15 ... -1.30892529e+03
-2.37335213e+03  7.60068956e+02]
[ 4.44089210e-16  0.00000000e+00  0.00000000e+00 ... -1.00266761e+03
-1.83643776e+03  5.89022328e+02]]
[06-24 17:40:25][INFO]
[[ 4.45594167e-02  0.00000000e+00  0.00000000e+00 ... 1.01384762e+00
-5.87051028e+00  1.19361261e+00]
[ 0.00000000e+00  1.15538981e+01  0.00000000e+00 ... 5.27753837e+01
-3.23256056e+02  6.25744973e+01]
[ 0.00000000e+00  0.00000000e+00  1.25153526e+00 ... 2.91170603e+00
-3.42521726e+01  8.46739826e+00]
...
[ 0.00000000e+00  1.42108547e-14  0.00000000e+00 ... -1.02936758e+02
6.70711776e+02 -1.43536191e+02]
[ 0.00000000e+00  2.84217094e-14  7.10542736e-15 ... -1.01853488e+02
6.24300303e+02 -1.31084146e+02]
[ 4.44089210e-16  0.00000000e+00  0.00000000e+00 ... -7.46808119e+01
4.68132586e+02 -9.60887910e+01]]
[06-24 17:40:25][INFO]
[[ 4.45594167e-02  0.00000000e+00  0.00000000e+00 ... -2.00450579e+00
6.37230874e-01  5.42246324e-01]
[ 0.00000000e+00  1.15538981e+01  0.00000000e+00 ... -1.15494670e+02
3.95437232e+01  2.62615066e+01]
[ 0.00000000e+00  0.00000000e+00  1.25153526e+00 ... -1.42276677e+01
2.70128927e+00  4.76868952e+00]
...
[ 0.00000000e+00  1.42108547e-14  0.00000000e+00 ... 2.40760950e+02
-7.03199773e+01 -6.93655861e+01]
[ 0.00000000e+00  2.84217094e-14  7.10542736e-15 ... 2.20748286e+02
-7.12474197e+01 -6.14660828e+01]
[ 4.44089210e-16  0.00000000e+00  0.00000000e+00 ... 1.65372217e+02
-4.94353598e+01 -4.42849006e+01]]
[06-24 17:40:25][INFO]
[[ 4.45594167e-02  0.00000000e+00  0.00000000e+00 ... -3.63534071e+00
5.04996236e+00  9.81137450e-01]
[ 0.00000000e+00  1.15538981e+01  0.00000000e+00 ... -2.05044771e+02
2.81849396e+02  5.03612756e+01]
[ 0.00000000e+00  0.00000000e+00  1.25153526e+00 ... -1.99011053e+01
1.80525406e+01  6.29552794e+00]
...
[ 0.00000000e+00  1.42108547e-14  0.00000000e+00 ... 4.61598677e+02
-6.67865185e+02 -1.28797548e+02]
[ 0.00000000e+00  2.84217094e-14  7.10542736e-15 ... 4.16569852e+02
-6.01103617e+02 -1.14165683e+02]
[ 4.44089210e-16  0.00000000e+00  0.00000000e+00 ... 3.49412354e+02
-5.47413234e+02 -9.38138763e+01]]
[06-24 17:40:25][INFO]
[[ 4.45594167e-02  0.00000000e+00  0.00000000e+00 ... 9.33618551e-01
6.20736405e-01 -3.32855896e-01]
[ 0.00000000e+00  1.15538981e+01  0.00000000e+00 ... 4.49635447e+01
3.94871293e+01 -2.15389636e+01]
[ 0.00000000e+00  0.00000000e+00  1.25153526e+00 ... -1.97769780e+00
6.77287869e-01  1.14091026e+00]

```

```

...
[ 0.00000000e+00 1.42108547e-14 0.00000000e+00 ... -1.43420945e+02
-8.13489865e+01 4.52008864e+01]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... -1.14191914e+02
-8.65742337e+01 3.84768317e+01]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -1.40631367e+02
-7.23566091e+01 4.71184787e+01]]
[06-24 17:40:25][INFO]
[[ 4.45594167e-02 0.00000000e+00 0.00000000e+00 ... 2.63397608e-01
-3.27986668e-01 4.99633209e-02]
[ 0.00000000e+00 1.15538981e+01 0.00000000e+00 ... 1.30406599e+01
-5.70092063e+00 -3.30513499e+00]
[ 0.00000000e+00 0.00000000e+00 1.25153526e+00 ... -1.00488371e+00
2.05434298e+00 5.85254797e-01]
...
[ 0.00000000e+00 1.42108547e-14 0.00000000e+00 ... -4.86397563e+01
5.28173686e+01 -8.93657528e+00]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... -3.66946523e+01
2.31260696e+01 -5.78833415e+00]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -6.25124519e+01
3.82236672e+01 2.49823490e+00]]
[06-24 17:40:25][INFO]
[[ 4.45594167e-02 0.00000000e+00 0.00000000e+00 ... -1.47870449e+00
5.12345191e-01 2.34000228e-01]
[ 0.00000000e+00 1.15538981e+01 0.00000000e+00 ... -4.11600291e+01
2.04436812e+01 2.42066441e+00]
[ 0.00000000e+00 0.00000000e+00 1.25153526e+00 ... 8.57252527e+00
-2.56547918e+00 -4.26509510e-01]
...
[ 0.00000000e+00 1.42108547e-14 0.00000000e+00 ... 2.58675493e+02
-9.54212422e+01 -4.14015772e+01]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... 1.95420988e+02
-8.88387614e+01 -3.03091957e+01]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 9.54430112e+01
-3.79687718e+01 -1.41882927e+01]]
[06-24 17:40:25][INFO]
[[ 4.45594167e-02 0.00000000e+00 0.00000000e+00 ... -1.55722306e+02
4.26353458e+01 2.02367486e+01]
[ 0.00000000e+00 1.15538981e+01 0.00000000e+00 ... 1.23798510e+03
-3.28883166e+02 -1.63462509e+02]
[ 0.00000000e+00 0.00000000e+00 1.25153526e+00 ... 5.35129122e+02
-1.46364921e+02 -6.87118646e+01]
...
[ 0.00000000e+00 1.42108547e-14 0.00000000e+00 ... 3.52122001e+04
-9.64101876e+03 -4.57427393e+03]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... 3.28468571e+04
-9.00574973e+03 -4.26464017e+03]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 4.25709207e+03
-1.17449012e+03 -5.53882764e+02]]
[06-24 17:40:25][INFO]
[[ 4.45594167e-02 0.00000000e+00 0.00000000e+00 ... 5.07028732e+00
-3.66287516e+00 -6.06335746e+00]
[ 0.00000000e+00 1.15538981e+01 0.00000000e+00 ... -6.41141954e+01
4.60400789e+01 4.95158924e+01]

```

```

[ 0.00000000e+00 0.00000000e+00 1.25153526e+00 ... -3.13315533e+01
 1.67403622e+01 2.39415065e+01]
...
[ 0.00000000e+00 1.42108547e-14 0.00000000e+00 ... -1.31464997e+03
 8.76431963e+02 1.40025518e+03]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... -1.07857723e+03
 7.62655772e+02 1.28438731e+03]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -1.85834327e+02
 1.04795100e+02 1.72826303e+02]]
[06-24 17:40:25][INFO]
[[ 4.45594167e-02 0.00000000e+00 0.00000000e+00 ... 3.81563030e+00
 -1.44780869e+00 2.92172467e+00]
[ 0.00000000e+00 1.15538981e+01 0.00000000e+00 ... -5.16215619e+01
 2.39846381e+01 -3.99486675e+01]
[ 0.00000000e+00 0.00000000e+00 1.25153526e+00 ... -2.58372063e+01
 7.04022607e+00 -1.54056286e+01]
...
[ 0.00000000e+00 1.42108547e-14 0.00000000e+00 ... -1.01683742e+03
 3.50651152e+02 -7.32495160e+02]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... -8.14775582e+02
 2.96920381e+02 -6.04797867e+02]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -1.48536372e+02
 3.89464675e+01 -9.42787168e+01]]
[06-24 17:40:25][INFO]
[[ 4.45594167e-02 0.00000000e+00 0.00000000e+00 ... -1.00023340e+00
 -1.85081750e-01 -1.34990964e-01]
[ 0.00000000e+00 1.15538981e+01 0.00000000e+00 ... 1.77161303e+01
 5.80418752e+00 4.06121744e+00]
[ 0.00000000e+00 0.00000000e+00 1.25153526e+00 ... 2.69174967e+00
 -4.40110507e-01 2.70221481e+00]
...
[ 0.00000000e+00 1.42108547e-14 0.00000000e+00 ... 2.14681708e+02
 2.77449233e+01 4.91722642e+01]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... 1.68565359e+02
 3.90868589e+01 1.93463800e+01]
[ 0.00000000e+00 0.00000000e+00 -7.10542736e-15 ... 1.85290956e+02
 3.01143302e+01 1.43547178e+01]]
[06-24 17:40:25][INFO]
[[ 4.45594167e-02 0.00000000e+00 0.00000000e+00 ... 1.17935463e+00
 9.72509683e-02 2.58367742e-02]
[ 0.00000000e+00 1.15538981e+01 0.00000000e+00 ... -7.79511415e+01
 -6.58806299e+00 -2.99789221e+00]
[ 0.00000000e+00 0.00000000e+00 1.25153526e+00 ... -2.35868577e+01
 -3.84410730e+00 7.63165355e-01]
...
[ 0.00000000e+00 1.42108547e-14 0.00000000e+00 ... -5.11547279e+02
 -6.63270762e+01 -4.41481904e+00]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... -1.98448916e+02
 -8.45429862e+00 -7.73491917e+00]
[ 0.00000000e+00 0.00000000e+00 -7.10542736e-15 ... -1.04517728e+02
 -7.42600888e+00 -7.02972484e+00]]
[06-24 17:40:25][INFO]
[[ 4.45594167e-02 0.00000000e+00 0.00000000e+00 ... 4.79475579e+00
 4.36809884e-01 -7.10771604e-01]

```

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[ 0.00000000e+00 1.15538981e+01 0.00000000e+00 ... -4.00635211e+02
-3.68945899e+01 6.27463442e+01]
[ 0.00000000e+00 0.00000000e+00 1.25153526e+00 ... -1.08849337e+02
-1.18519697e+01 1.81346972e+01]
...
[ 0.00000000e+00 1.42108547e-14 0.00000000e+00 ... -2.39773207e+03
-2.43477780e+02 3.79879884e+02]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... -7.79750562e+02
-6.30502196e+01 1.10700530e+02]
[ 0.00000000e+00 0.00000000e+00 -7.10542736e-15 ... -3.24922351e+02
-2.81264378e+01 3.78759120e+01]]
[06-24 17:40:25][INFO]
[[ 4.45594167e-02 0.00000000e+00 0.00000000e+00 ... 2.19382574e+00
1.43514867e-01 2.00249677e+00]
[ 0.00000000e+00 1.15538981e+01 0.00000000e+00 ... -1.80583544e+02
-1.20803672e+01 -1.66809706e+02]
[ 0.00000000e+00 0.00000000e+00 1.25153526e+00 ... -4.93586269e+01
-5.14347368e+00 -4.39255116e+01]
...
[ 0.00000000e+00 1.42108547e-14 0.00000000e+00 ... -1.07647041e+03
-9.44851306e+01 -9.98449169e+02]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... -3.52363832e+02
-1.48557677e+01 -3.35145715e+02]
[ 0.00000000e+00 0.00000000e+00 -7.10542736e-15 ... -1.55258025e+02
-8.99416560e+00 -1.39116488e+02]]
[06-24 17:40:25][INFO]
[[ 4.45594167e-02 0.00000000e+00 0.00000000e+00 ... -1.22655193e+00
3.94266743e-02 -5.53599679e-01]
[ 0.00000000e+00 1.15538981e+01 0.00000000e+00 ... 1.37055839e+02
-2.41403429e+00 7.05666821e+01]
[ 0.00000000e+00 0.00000000e+00 1.25153526e+00 ... 3.55338817e+01
-2.56004325e+00 1.95158567e+01]
...
[ 0.00000000e+00 1.42108547e-14 0.00000000e+00 ... 7.85683014e+02
-3.78164809e+01 3.93164337e+02]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... 1.37008816e+02
3.67147106e-02 3.05693634e+01]
[ 0.00000000e+00 0.00000000e+00 -7.10542736e-15 ... 1.58471103e+01
-3.78713121e+00 -1.12472087e+01]]
[06-24 17:40:25][INFO]
[[ 4.45594167e-02 0.00000000e+00 0.00000000e+00 ... 2.97050601e+00
-1.60135378e-01 1.85053449e+00]
[ 0.00000000e+00 1.15538981e+01 0.00000000e+00 ... -8.98225343e+01
8.37359703e+00 -5.93924603e+01]
[ 0.00000000e+00 0.00000000e+00 1.25153526e+00 ... -3.72615585e+01
9.01240254e-01 -2.21824014e+01]
...
[ 0.00000000e+00 1.42108547e-14 0.00000000e+00 ... -1.10873206e+03
5.22593206e+01 -6.91983419e+02]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... -9.48218700e+02
5.16372007e+01 -5.91064312e+02]
[ 0.00000000e+00 0.00000000e+00 -7.10542736e-15 ... -3.01680509e+02
1.13106978e+01 -1.93131522e+02]]
[06-24 17:40:25][INFO]

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[[ 4.45594167e-02  0.00000000e+00  0.00000000e+00 ...  3.71355188e+01
-1.17300785e+00  2.22828743e+01]
[ 0.00000000e+00  1.15538981e+01  0.00000000e+00 ... -6.57323727e+03
2.00584041e+02 -3.93678990e+03]
[ 0.00000000e+00  0.00000000e+00  1.25153526e+00 ... -1.63123726e+03
4.81570135e+01 -9.75457419e+02]
...
[ 0.00000000e+00  1.42108547e-14  0.00000000e+00 ... -3.45534991e+04
1.04377903e+03 -2.06935813e+04]
[ 0.00000000e+00  2.84217094e-14  7.10542736e-15 ...  1.98750228e+03
-3.53966010e+01  1.16463966e+03]
[ 0.00000000e+00  0.00000000e+00 -7.10542736e-15 ...  8.33349947e+02
-2.23389632e+01  4.85671912e+02]]
[06-24 17:40:25][INFO]
[[ 4.45594167e-02  0.00000000e+00  0.00000000e+00 ...  1.18974043e+00
-2.09437351e-01  1.33386608e+00]
[ 0.00000000e+00  1.15538981e+01  0.00000000e+00 ... -1.87830552e+02
2.94154148e+01 -2.15408864e+02]
[ 0.00000000e+00  0.00000000e+00  1.25153526e+00 ... -5.08179589e+01
5.79194390e+00 -5.43974663e+01]
...
[ 0.00000000e+00  1.42108547e-14  0.00000000e+00 ... -1.09540371e+03
1.46893922e+02 -1.19438140e+03]
[ 0.00000000e+00  2.84217094e-14  7.10542736e-15 ...  5.12017140e+01
1.65083006e+01  3.61740007e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.17565525e+02
-2.23322235e+01  2.29423782e+02]]
[06-24 17:40:25][INFO]
[[ 4.45594167e-02  0.00000000e+00  0.00000000e+00 ...  1.42751342e-01
-5.47004381e-01  5.94168497e-01]
[ 0.00000000e+00  1.15538981e+01  0.00000000e+00 ... -1.59067223e+01
8.48465723e+01 -9.39447121e+01]
[ 0.00000000e+00  0.00000000e+00  1.25153526e+00 ... -7.61166858e+00
1.97223844e+01 -2.38722308e+01]
...
[ 0.00000000e+00  1.42108547e-14  0.00000000e+00 ... -1.70651587e+02
4.45049685e+02 -5.41044210e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  5.24375172e+01
-1.30987878e+02  1.42733812e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  5.43144497e+01
-7.49671379e+01  1.14086930e+02]]
[06-24 17:40:25][INFO]
[[ 4.45594167e-02  0.00000000e+00  0.00000000e+00 ...  1.33787443e-01
-8.30980571e-03  9.92842298e-02]
[ 0.00000000e+00  1.15538981e+01  0.00000000e+00 ... -1.44849158e+01
-5.98329702e-01 -1.54487709e+01]
[ 0.00000000e+00  0.00000000e+00  1.25153526e+00 ... -7.18362713e+00
-6.00120029e+00 -2.40663063e-01]
...
[ 0.00000000e+00  1.42108547e-14  0.00000000e+00 ... -1.61467270e+02
-1.06891108e+02 -3.39909977e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  5.00102250e+01
1.48827065e+01  8.72641589e+00]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  5.26714314e+01

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2.37717142e+01 2.33781933e+01]]
[06-24 17:40:25][INFO]
[[ 4.45594167e-02 0.00000000e+00 0.00000000e+00 ... -5.63496395e+00
 1.80030959e+00 -5.25890954e+00]
[ 0.00000000e+00 1.15538981e+01 0.00000000e+00 ... 8.68764917e+02
-2.77514888e+02 8.04940847e+02]
[ 0.00000000e+00 0.00000000e+00 1.25153526e+00 ... 3.65981036e+02
-1.22995815e+02 3.46366156e+02]
...
[ 0.00000000e+00 1.42108547e-14 0.00000000e+00 ... 6.12678887e+03
-2.07838568e+03 5.80673476e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.20081393e+03
7.20561278e+02 -2.08190831e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.14689427e+02
4.32782710e+00 8.09824160e+01]]
[06-24 17:40:25][INFO]
[[ 4.45594167e-02 0.00000000e+00 0.00000000e+00 ... 3.13190119e+01
3.19477482e+00 2.08343609e+01]
[ 0.00000000e+00 1.15538981e+01 0.00000000e+00 ... -4.82159650e+03
-4.92241746e+02 -3.21303383e+03]
[ 0.00000000e+00 0.00000000e+00 1.25153526e+00 ... -2.11425217e+03
-2.16587881e+02 -1.40493108e+03]
...
[ 0.00000000e+00 1.42108547e-14 0.00000000e+00 ... -3.58412762e+04
-3.66205850e+03 -2.38269933e+04]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.27064112e+04
1.28308822e+03 8.44411085e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.10318376e+04
-2.14048513e+03 -1.39762369e+04]]
[06-24 17:40:25][INFO]
[[ 4.45594167e-02 0.00000000e+00 0.00000000e+00 ... -2.52174967e-02
-7.92973958e-03 -1.01027480e-01]
[ 0.00000000e+00 1.15538981e+01 0.00000000e+00 ... 1.81839920e+01
2.27948946e+00 1.95447363e+01]
[ 0.00000000e+00 0.00000000e+00 1.25153526e+00 ... 9.78901013e+00
4.43338963e-01 1.37551626e+01]
...
[ 0.00000000e+00 1.42108547e-14 0.00000000e+00 ... 1.72776954e+02
1.78013773e+01 2.27456402e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.46908175e+01
-1.87777484e+01 -6.59059850e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.79793062e+01
1.44395288e+01 1.10040457e+02]]
[06-24 17:40:25][INFO]
[[ 4.45594167e-02 0.00000000e+00 0.00000000e+00 ... 1.24996210e-01
4.03785943e-03 3.70042994e-02]
[ 0.00000000e+00 1.15538981e+01 0.00000000e+00 ... -4.82313666e+00
4.46500344e-01 -1.59657610e+00]
[ 0.00000000e+00 0.00000000e+00 1.25153526e+00 ... -4.15496088e+00
-6.67583981e-01 9.42010136e-01]
...
[ 0.00000000e+00 1.42108547e-14 0.00000000e+00 ... -6.32011559e+01
-9.99113367e-01 1.06154825e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.00335708e+01

```

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-1.28244201e+01  2.75845622e+00]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -7.38082681e+01
 3.93994870e+00 -1.10594998e+01]]
[06-24 17:40:25][INFO]
[[ 4.45594167e-02  0.00000000e+00  0.00000000e+00 ... -1.29902990e+00
-9.30306916e-02 -5.66032343e-01]
[ 0.00000000e+00  1.15538981e+01  0.00000000e+00 ...  5.44676196e+02
 3.79030495e+01  2.31101568e+02]
[ 0.00000000e+00  0.00000000e+00  1.25153526e+00 ...  6.57823376e+02
 4.44560816e+01  2.81271978e+02]
...
[ 0.00000000e+00  1.42108547e-14  0.00000000e+00 ...  1.25498908e+04
 8.58770629e+02  5.35191967e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.72734554e+03
-2.01462450e+02 -1.16915194e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  4.87495216e+03
 3.41271548e+02  2.08460704e+03]]
[06-24 17:40:25][INFO]
[[ 4.45594167e-02  0.00000000e+00  0.00000000e+00 ...  1.77209111e-01
 1.60155308e-02  6.67982546e-02]
[ 0.00000000e+00  1.15538981e+01  0.00000000e+00 ...  9.01815592e+00
-1.66472058e+00  1.47696418e+00]
[ 0.00000000e+00  0.00000000e+00  1.25153526e+00 ...  1.31156829e+01
-3.16692388e+00  4.90023076e+00]
...
[ 0.00000000e+00  1.42108547e-14  0.00000000e+00 ...  2.14386987e+02
-5.24233475e+01  6.39654877e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  3.09485138e+02
-4.27303309e+01  1.18507050e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -8.61193807e+00
-1.94655780e+01 -8.86750023e+00]]
[06-24 17:40:25][INFO]
[[ 4.45594167e-02  0.00000000e+00  0.00000000e+00 ...  2.56369441e-01
 1.94941756e-01  1.48307694e-01]
[ 0.00000000e+00  1.15538981e+01  0.00000000e+00 ...  1.20548849e+01
 5.19920288e+00  4.60380906e+00]
[ 0.00000000e+00  0.00000000e+00  1.25153526e+00 ...  1.95578465e+01
 1.13943092e+01  1.15335677e+01]
...
[ 0.00000000e+00  1.42108547e-14  0.00000000e+00 ...  2.87622599e+02
 1.13111230e+02  1.39374392e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  4.37223408e+02
 2.45996694e+02  2.50035997e+02]
[ -4.44089210e-16  0.00000000e+00  7.10542736e-15 ... -4.00829443e+02
-2.35543873e+02 -2.22762054e+02]]
[06-24 17:40:25][INFO]
[[ 4.45594167e-02  0.00000000e+00  0.00000000e+00 ...  4.22177614e-02
 4.34259937e-02  2.66038967e-02]
[ 0.00000000e+00  1.15538981e+01  0.00000000e+00 ...  1.02661601e+01
 3.93365133e+00  3.58726513e+00]
[ 0.00000000e+00  0.00000000e+00  1.25153526e+00 ...  1.93347348e+00
-1.07521852e+00  1.51752153e+00]
...
[ 0.00000000e+00  1.42108547e-14  0.00000000e+00 ...  3.33323495e+01

```

```

-6.68032173e+01 -5.14041671e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.53822954e+01
-3.12372039e+01 2.73501347e+01]
[-4.44089210e-16 0.00000000e+00 7.10542736e-15 ... -3.83003334e+01
2.09513105e+01 -1.67343953e+01]]
[06-24 17:40:25][INFO]
[[ 4.45594167e-02 0.00000000e+00 0.00000000e+00 ... 6.16898041e-02
4.40098890e-03 2.36009757e-02]
[ 0.00000000e+00 1.15538981e+01 0.00000000e+00 ... 2.15021350e+01
-1.85849913e+01 1.85448621e+00]
[ 0.00000000e+00 0.00000000e+00 1.25153526e+00 ... 2.32427418e+00
-1.85844394e+00 1.45725340e+00]
...
[ 0.00000000e+00 -1.42108547e-14 7.10542736e-15 ... 1.47069883e+01
6.87110099e+01 3.50967316e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.43932822e+00
4.68105646e+01 3.33558044e+01]
[-4.44089210e-16 0.00000000e+00 7.10542736e-15 ... -3.20497543e-01
-5.51661927e+01 -2.25915337e+01]]
[06-24 17:40:25][INFO]
[[ 4.45594167e-02 0.00000000e+00 0.00000000e+00 ... 6.17241384e-02
1.03108261e-02 2.60211587e-02]
[ 0.00000000e+00 1.15538981e+01 0.00000000e+00 ... 2.16731510e+01
1.08514302e+01 1.39092225e+01]
[ 0.00000000e+00 0.00000000e+00 1.25153526e+00 ... 2.33686761e+00
3.09223079e-01 2.34495146e+00]
...
[-4.44089210e-16 0.00000000e+00 7.10542736e-15 ... -3.20497543e-01
-5.51661927e+01 -2.25915337e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.10831391e+00
-1.01658450e+01 1.00229548e+01]
[ 0.00000000e+00 -1.42108547e-14 7.10542736e-15 ... 1.42956633e+01
-2.08901184e+00 6.10286782e+00]]
[06-24 17:40:25][INFO]
[[ 4.45594167e-02 0.00000000e+00 0.00000000e+00 ... 0.00000000e+00
1.13036068e-01 -7.52601864e-02]
[ 0.00000000e+00 1.15538981e+01 0.00000000e+00 ... 0.00000000e+00
4.69212684e+01 -2.16536211e+01]
[ 0.00000000e+00 0.00000000e+00 1.25153526e+00 ... 0.00000000e+00
4.19838699e+00 -1.48954670e+00]
...
[-4.44089210e-16 0.00000000e+00 7.10542736e-15 ... 0.00000000e+00
-5.56995852e+01 -2.20656386e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.10831391e+00
-1.01658450e+01 1.00229548e+01]
[ 0.00000000e+00 -1.42108547e-14 7.10542736e-15 ... -1.77635684e-15
2.17027415e+01 -1.73544707e+01]]
[06-24 17:40:25][INFO]
[[ 4.45594167e-02 0.00000000e+00 0.00000000e+00 ... 0.00000000e+00
0.00000000e+00 1.51284465e-02]
[ 0.00000000e+00 1.15538981e+01 0.00000000e+00 ... 0.00000000e+00
0.00000000e+00 1.58666975e+01]
[ 0.00000000e+00 0.00000000e+00 1.25153526e+00 ... 0.00000000e+00
0.00000000e+00 1.86766898e+00]

```

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...
[ -4.44089210e-16  0.00000000e+00  7.10542736e-15 ...  0.00000000e+00
  0.00000000e+00 -6.66054870e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  6.10831391e+00
  0.00000000e+00  1.89389609e+00]
[ 0.00000000e+00 -1.42108547e-14  7.10542736e-15 ... -1.77635684e-15
  2.17027415e+01 -1.73544707e+01]]
n = 42: 0.126746 segundos
[06-24 17:40:25][INFO]
[[ 3.07260027e-02 -4.17085419e+00  1.20001333e+00 ... -3.27242682e+00
  -1.20634402e+00  4.10834227e+00]
[ 0.00000000e+00 -2.41330734e+02  6.68684783e+01 ... -1.92657636e+02
  -6.97236537e+01  2.46173867e+02]
[ 0.00000000e+00  1.08686695e+02 -3.56517487e+01 ...  8.15178925e+01
  2.87537626e+01 -1.03239638e+02]
...
[ 0.00000000e+00 -6.05910655e+02  1.74224971e+02 ... -4.74241945e+02
  -1.80626937e+02  5.99235068e+02]
[ 0.00000000e+00 -1.63557803e+02  4.77050250e+01 ... -1.25442474e+02
  -5.14690808e+01  1.58005529e+02]
[ 0.00000000e+00  3.45985974e+02 -9.77515567e+01 ...  2.73586435e+02
  1.00637238e+02 -3.45423509e+02]]
[06-24 17:40:25][INFO]
[[ 3.07260027e-02  0.00000000e+00 -6.77706432e-01 ...  5.47385804e-01
  1.49080366e+00  1.68001232e+00]
[ 0.00000000e+00  9.44381993e+00 -4.25161048e+00 ...  8.64897715e+00
  6.10699293e+00 -5.49832475e+00]
[ 0.00000000e+00  0.00000000e+00  1.32790329e+01 ... -1.80211443e+01
  -4.15301777e+01 -3.99607164e+01]
...
[ 0.00000000e+00  0.00000000e+00 -9.85561818e+01 ...  8.06720041e+01
  2.11194605e+02  2.46465365e+02]
[ 0.00000000e+00 -2.84217094e-14 -2.59287455e+01 ...  2.43494229e+01
  5.42981144e+01  6.27798763e+01]
[ 0.00000000e+00  0.00000000e+00  5.80114295e+01 ... -4.32794952e+01
  -1.23099969e+02 -1.43985610e+02]]
[06-24 17:40:25][INFO]
[[ 3.07260027e-02  0.00000000e+00  0.00000000e+00 ...  1.00527126e+00
  8.75696910e-01  8.67728084e-01]
[ 0.00000000e+00  9.44381993e+00  0.00000000e+00 ...  1.15215345e+01
  2.24810331e+00 -1.05942129e+01]
[ 0.00000000e+00  0.00000000e+00  6.24213751e+00 ...  4.21743671e+00
  -5.66555185e+00 -7.48169064e+00]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.47260486e+02
  1.21742048e+02  1.28338063e+02]
[ 0.00000000e+00 -2.84217094e-14  0.00000000e+00 ...  4.18679161e+01
  3.07644047e+01  3.17022443e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -8.24743274e+01
  -7.04470503e+01 -7.44543684e+01]]
[06-24 17:40:25][INFO]
[[ 3.07260027e-02  0.00000000e+00  0.00000000e+00 ... -9.65406645e-01
  -4.36736137e-01 -8.44027471e-01]
[ 0.00000000e+00  9.44381993e+00  0.00000000e+00 ...  3.03711498e+01

```

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1.48015794e+01 5.77879945e+00]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... 3.86426128e+01
1.72609439e+01 2.24204492e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.47112009e+02
-7.43042914e+01 -1.27357579e+02]
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... -4.33335921e+01
-2.59781379e+01 -4.23048548e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.41363528e+01
2.71928031e+01 5.28935079e+01]]
[06-24 17:40:25][INFO]
[[ 3.07260027e-02 0.00000000e+00 0.00000000e+00 ... 2.44905297e+00
6.06289414e-01 1.93627324e+00]
[ 0.00000000e+00 9.44381993e+00 0.00000000e+00 ... -8.86102218e+01
-2.15440286e+01 -9.11044645e+01]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... 9.70186606e-01
5.75303128e+00 -8.25517301e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.11181867e+02
9.62394673e+01 3.27245794e+02]
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... 6.37106540e+01
6.72099941e+00 4.48583356e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.47795602e+02
-6.80940171e+01 -2.01104118e+02]]
[06-24 17:40:25][INFO]
[[ 3.07260027e-02 0.00000000e+00 0.00000000e+00 ... -4.99198098e-02
2.39740503e-01 1.84889162e-01]
[ 0.00000000e+00 9.44381993e+00 0.00000000e+00 ... 1.41377999e+01
-6.47296587e+00 -1.90943766e+01]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... -1.19278608e+00
5.43576681e+00 -9.77107424e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.55990917e+01
3.36393075e+01 2.81399449e+01]
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... 1.86686428e+00
-2.35023734e+00 1.51563519e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.47889641e+01
-2.95781567e+01 -1.70739308e+01]]
[06-24 17:40:25][INFO]
[[ 3.07260027e-02 0.00000000e+00 0.00000000e+00 ... -7.74742834e-01
-4.43200809e-01 1.15474286e-01]
[ 0.00000000e+00 9.44381993e+00 0.00000000e+00 ... 5.39306684e+01
3.10205917e+01 -1.52834918e+01]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... 4.25134202e+00
1.05653224e+01 -9.24970080e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.36597203e+02
-8.03672928e+01 1.65521936e+01]
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... -1.09200435e+01
-1.43982922e+01 2.91058158e-01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.23827070e+01
4.35320658e+01 -9.64293058e+00]]
[06-24 17:40:25][INFO]
[[ 3.07260027e-02 0.00000000e+00 0.00000000e+00 ... 1.48333689e+00

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```
1.55299735e+00 -1.12146167e+00]
[ 0.00000000e+00 9.44381993e+00 0.00000000e+00 ... -5.53673412e+01
-6.56015440e+01 4.45880159e+01]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... 1.07853489e+02
1.02152175e+02 -6.60011163e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.96611218e+02
3.02599635e+02 -2.20751683e+02]
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... 5.94067581e+01
4.77723346e+01 -3.82327142e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.65433705e+02
-2.72786466e+02 1.86362542e+02]]
[06-24 17:40:25][INFO]
[[ 3.07260027e-02 0.00000000e+00 0.00000000e+00 ... 1.24462174e+00
8.90898181e-01 -4.56176635e-01]
[ 0.00000000e+00 9.44381993e+00 0.00000000e+00 ... -4.36375463e+01
-3.30678423e+01 1.18977698e+01]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... 9.57387777e+01
6.85508706e+01 -3.22381301e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.49734629e+02
1.72582956e+02 -9.01093948e+01]
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... 5.18846519e+01
2.69090578e+01 -1.72690484e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.26984140e+02
-1.66142940e+02 7.92058738e+01]]
[06-24 17:40:25][INFO]
[[ 3.07260027e-02 0.00000000e+00 0.00000000e+00 ... -3.98595947e+00
-6.49892866e+00 2.94344312e+00]
[ 0.00000000e+00 9.44381993e+00 0.00000000e+00 ... 1.92609579e+02
3.00704884e+02 -1.41651208e+02]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... -1.28825769e+02
-2.48716570e+02 1.13717747e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.88042713e+02
-1.29360112e+03 5.84394683e+02]
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... -1.02232730e+02
-1.90829798e+02 8.28996473e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.34041035e+02
7.67761226e+02 -3.50427881e+02]]
[06-24 17:40:25][INFO]
[[ 3.07260027e-02 0.00000000e+00 0.00000000e+00 ... 8.09892074e-01
2.90182250e+00 -1.35309061e+00]
[ 0.00000000e+00 9.44381993e+00 0.00000000e+00 ... 2.79681325e+01
-2.20226355e+01 5.84867289e+00]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... 5.56555093e+00
1.47151360e+01 -6.68148382e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.52777242e+02
5.50579046e+02 -2.58472247e+02]
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... 3.01253073e+01
6.86163011e+01 -3.56779957e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.69507085e+01
-1.06088545e+01 5.31957412e+00]]
```

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[06-24 17:40:25][INFO]
[[ 3.07260027e-02  0.00000000e+00  0.00000000e+00 ... -5.25155486e-01
-1.39010401e-01  2.28032559e-01]
[ 0.00000000e+00  9.44381993e+00  0.00000000e+00 ...  6.59745213e+01
6.45443760e+01 -3.91630432e+01]
[ 0.00000000e+00  0.00000000e+00  6.24213751e+00 ... -1.10441648e+01
-2.31167522e+01  1.29897302e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.07429950e+02
-4.20939144e+01  4.96962643e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.00126432e+02
9.61191731e+01 -5.70739955e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  9.26941809e+01
1.16357847e+02 -6.06985201e+01]]
[06-24 17:40:25][INFO]
[[ 3.07260027e-02  0.00000000e+00  0.00000000e+00 ... -2.54228963e+00
-8.71428490e+00  3.05881016e+00]
[ 0.00000000e+00  9.44381993e+00  0.00000000e+00 ...  2.91634071e+02
1.02387204e+03 -3.55845997e+02]
[ 0.00000000e+00  0.00000000e+00  6.24213751e+00 ... -1.15720006e+02
-4.68116444e+02  1.59888253e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -5.09637446e+02
-1.75196517e+03  6.14140614e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  5.06037156e+02
1.82173365e+03 -6.26715330e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  5.10342003e+02
1.89186928e+03 -6.46811300e+02]]
[06-24 17:40:25][INFO]
[[ 3.07260027e-02  0.00000000e+00  0.00000000e+00 ... -2.11048157e+00
-7.90669646e-02  1.24526864e+00]
[ 0.00000000e+00  9.44381993e+00  0.00000000e+00 ...  2.41455163e+02
2.04034814e+01 -1.45100662e+02]
[ 0.00000000e+00  0.00000000e+00  6.24213751e+00 ... -9.38690710e+01
-3.11454727e+01  6.81169737e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -4.23278653e+02
-2.49779396e+01  2.51444146e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  4.18179517e+02
6.47727678e+01 -2.57723889e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  4.18647471e+02
5.81789173e+01 -2.61705374e+02]]
[06-24 17:40:25][INFO]
[[ 3.07260027e-02  0.00000000e+00  0.00000000e+00 ... -2.52130670e+01
-8.36403789e+00  1.69528529e+01]
[ 0.00000000e+00  9.44381993e+00  0.00000000e+00 ...  1.32386798e+03
4.08574701e+02 -8.81039532e+02]
[ 0.00000000e+00  0.00000000e+00  6.24213751e+00 ... -3.84630047e+02
-1.35417189e+02  2.65807078e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -6.98819357e+03
-2.37926549e+03  4.71496858e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.67981061e+03
5.17214638e+02 -1.11551432e+03]]
```



```
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.60652384e+03
1.56002096e+03 -3.10906725e+03]]
[06-24 17:40:25][INFO]
[[ 3.07260027e-02 0.00000000e+00 0.00000000e+00 ... -1.07094999e+01
-1.68514709e+01 9.07392382e+00]
[ 0.00000000e+00 9.44381993e+00 0.00000000e+00 ... 5.84266673e+02
8.41386610e+02 -4.79257939e+02]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... -1.37505012e+02
-2.80033832e+02 1.31558681e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.93123608e+03
-4.75338178e+03 2.51106382e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 7.11857459e+02
1.08365719e+03 -5.89682696e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.98108353e+03
3.09641877e+03 -1.68282101e+03]]
[06-24 17:40:25][INFO]
[[ 3.07260027e-02 0.00000000e+00 0.00000000e+00 ... 3.12340131e+00
-2.54442740e-01 -1.38756286e+00]
[ 0.00000000e+00 9.44381993e+00 0.00000000e+00 ... -6.00674254e+01
6.82999677e+01 8.03626460e+00]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... 9.91284331e+01
3.88433390e+00 -4.74014361e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.08134793e+03
6.10073757e+01 -5.23555849e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.37102093e+02
6.50562945e+01 5.23647603e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.33118982e+02
7.98216625e+01 2.18609185e+02]]
[06-24 17:40:25][INFO]
[[ 3.07260027e-02 0.00000000e+00 0.00000000e+00 ... -5.76167122e-01
1.35110649e+00 -1.16964940e+00]
[ 0.00000000e+00 9.44381993e+00 0.00000000e+00 ... -1.82400957e+01
5.01476242e+01 5.57253445e+00]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... -2.17022028e+01
5.63227569e+01 -4.02842215e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.15614095e+02
6.67264928e+02 -4.41271432e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.17488689e+00
2.87654317e+00 4.39254021e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 8.40212056e+01
-1.88006591e+02 1.82258146e+02]]
[06-24 17:40:25][INFO]
[[ 3.07260027e-02 0.00000000e+00 0.00000000e+00 ... -8.66777365e-01
1.21572702e+00 -3.23692156e+00]
[ 0.00000000e+00 9.44381993e+00 0.00000000e+00 ... -3.96074797e+01
4.01937249e+01 -1.46425543e+02]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... -3.76670164e+01
4.88856206e+01 -1.53850813e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.88233842e+02
5.86850799e+02 -1.66921163e+03]]
```

```

[ 0.00000000e+00 0.00000000e+00 3.55271368e-15 ... 8.88462990e+01
-1.32437300e+02 4.10655380e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.23670337e+02
-1.69536222e+02 4.64304453e+02]]
[06-24 17:40:25][INFO]
[[ 3.07260027e-02 0.00000000e+00 0.00000000e+00 ... 2.55185164e-01
-9.69136709e-01 -3.33999382e-01]
[ 0.00000000e+00 9.44381993e+00 0.00000000e+00 ... 7.79795193e+00
-5.21216651e+01 -2.37705740e+01]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... 1.44146226e+01
-5.25360234e+01 -1.90968071e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 8.58535276e+01
-5.31103358e+02 -1.83840310e+02]
[ 0.00000000e+00 0.00000000e+00 3.55271368e-15 ... -5.11254610e+01
1.40137954e+02 4.84978965e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.78810614e+01
1.45062333e+02 4.63126528e+01]]
[06-24 17:40:25][INFO]
[[ 3.07260027e-02 0.00000000e+00 0.00000000e+00 ... -2.31133134e+00
-3.32742724e+00 -1.60263490e+00]
[ 0.00000000e+00 9.44381993e+00 0.00000000e+00 ... -1.22128790e+02
-1.71507223e+02 -8.79936873e+01]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... -1.26528830e+02
-1.82044487e+02 -8.87655076e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.22556820e+03
-1.73612714e+03 -8.32079344e+02]
[ 0.00000000e+00 0.00000000e+00 3.55271368e-15 ... 4.03583983e+02
5.57956025e+02 2.73261910e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.26977589e+02
5.72206187e+02 2.76093444e+02]]
[06-24 17:40:25][INFO]
[[ 3.07260027e-02 0.00000000e+00 0.00000000e+00 ... -3.34206804e-01
2.43745138e-01 -3.84399181e-01]
[ 0.00000000e+00 9.44381993e+00 0.00000000e+00 ... -1.91456392e+01
1.45056342e+01 -2.45390333e+01]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... -1.77655528e+01
1.44086971e+01 -2.17493403e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.03029113e+02
1.10829517e+02 -2.02026147e+02]
[ 0.00000000e+00 0.00000000e+00 3.55271368e-15 ... 8.67911172e+01
-1.42496756e+01 7.80651093e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.03906694e+02
-1.13391743e+01 7.70283397e+01]]
[06-24 17:40:25][INFO]
[[ 3.07260027e-02 0.00000000e+00 0.00000000e+00 ... 3.07311794e+00
-9.35424103e-01 3.13961513e+00]
[ 0.00000000e+00 9.44381993e+00 0.00000000e+00 ... -1.12335112e+02
4.67556156e+01 -1.20919936e+02]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... -6.56122734e+01
3.09669607e+01 -7.12346524e+01]
...

```

```

[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.45053660e+03
-4.61418206e+02 1.50816871e+03]
[ 0.00000000e+00 0.00000000e+00 3.55271368e-15 ... -3.36933654e+02
1.32388304e+02 -3.60170830e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.46203533e+02
1.44429992e+02 -3.88496670e+02]]
[06-24 17:40:25][INFO]
[[ 3.07260027e-02 0.00000000e+00 0.00000000e+00 ... 2.04051810e+00
1.13610770e+00 -4.52042490e-01]
[ 0.00000000e+00 9.44381993e+00 0.00000000e+00 ... -7.39416904e+01
-3.02666643e+01 1.26226230e+01]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... -4.27207887e+01
-1.49563846e+01 8.38803686e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.53445699e+02
5.35811865e+02 -2.20846016e+02]
[ 0.00000000e+00 0.00000000e+00 3.55271368e-15 ... -2.24093870e+02
-9.39832216e+01 3.23160314e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.25974271e+02
-9.67658039e+01 2.96927673e+01]]
[06-24 17:40:25][INFO]
[[ 3.07260027e-02 0.00000000e+00 0.00000000e+00 ... 3.14494299e+01
1.37294750e+01 -4.31634070e+00]
[ 0.00000000e+00 9.44381993e+00 0.00000000e+00 ... -2.21772981e+01
-8.10032207e+00 5.82083959e+00]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... 2.52703080e+02
1.11548850e+02 -3.04303300e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.51413893e+04
6.61131668e+03 -2.08512599e+03]
[ 0.00000000e+00 0.00000000e+00 3.55271368e-15 ... -1.35948225e+03
-5.80174719e+02 1.81504798e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.45097781e+03
-1.94097254e+03 6.23810887e+02]]
[06-24 17:40:25][INFO]
[[ 3.07260027e-02 0.00000000e+00 0.00000000e+00 ... 2.03777747e+00
2.04011938e+00 -3.53097765e+00]
[ 0.00000000e+00 9.44381993e+00 0.00000000e+00 ... 3.25947235e+00
2.00925798e+00 5.14161561e+00]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... 1.30189173e+01
1.62888703e+01 -2.40301767e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.74573369e+02
9.80862899e+02 -1.70683736e+03]
[ 0.00000000e+00 0.00000000e+00 3.55271368e-15 ... -7.59033187e+01
-7.00296124e+01 1.47230102e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.06443028e+02
-2.93770263e+02 5.13141672e+02]]
[06-24 17:40:25][INFO]
[[ 3.07260027e-02 0.00000000e+00 0.00000000e+00 ... -4.01956049e-01
-5.56893029e-01 7.11215119e-01]
[ 0.00000000e+00 9.44381993e+00 0.00000000e+00 ... -1.50943063e+00
-3.06707521e+00 1.34337531e+01]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... -1.46780845e+01

```

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-1.31936354e+01  2.41291898e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.15425533e+02
-2.85849998e+02  3.62324993e+02]
[ 0.00000000e+00  0.00000000e+00  3.55271368e-15 ...  4.70538795e+01
 6.08540957e+01 -6.65670748e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  3.10269532e+01
 6.54549231e+01 -7.36489351e+01]]
[06-24 17:40:25][INFO]
[[ 3.07260027e-02  0.00000000e+00  0.00000000e+00 ... -1.34103957e-01
-3.37656233e+00  2.59137089e+00]
[ 0.00000000e+00  9.44381993e+00  0.00000000e+00 ...  1.16919457e+00
-3.12648660e+01  3.22360428e+01]
[ 0.00000000e+00  0.00000000e+00  6.24213751e+00 ... -4.04555216e+00
-1.25121919e+02  9.87629805e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -8.45517400e+01
-1.66355369e+03  1.28097795e+03]
[ 0.00000000e+00  0.00000000e+00  3.55271368e-15 ...  9.19798975e+00
 4.59361681e+02 -3.32291972e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.16975941e+01
 2.68934389e+02 -2.09329063e+02]]
[06-24 17:40:25][INFO]
[[ 3.07260027e-02  0.00000000e+00  0.00000000e+00 ...  2.32562168e-01
 5.71918926e-02 -6.66402606e-03]
[ 0.00000000e+00  9.44381993e+00  0.00000000e+00 ...  5.02813882e+00
 4.87336762e+00  4.89326093e+00]
[ 0.00000000e+00  0.00000000e+00  6.24213751e+00 ...  9.95802188e+00
 6.01872393e+00 -4.60186736e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  9.58696361e+01
 2.60560652e+01  2.59142430e+00]
[ 0.00000000e+00  0.00000000e+00  3.55271368e-15 ... -4.10802679e+01
-1.14840497e+01  2.39576509e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.70012209e+01
 1.75781844e-01 -5.98188111e+00]]
[06-24 17:40:25][INFO]
[[ 3.07260027e-02  0.00000000e+00  0.00000000e+00 ...  2.82803498e-01
 5.49595449e-02  1.22407070e-02]
[ 0.00000000e+00  9.44381993e+00  0.00000000e+00 ...  3.48361382e+02
-1.03817855e+01  1.34082183e+02]
[ 0.00000000e+00  0.00000000e+00  6.24213751e+00 ...  1.04208014e+02
 1.83096150e+00  3.50040601e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  9.58510422e+02
-1.22732184e+01  3.27184617e+02]
[ 0.00000000e+00  0.00000000e+00  3.55271368e-15 ... -4.46870970e+02
 6.54624413e+00 -1.28732671e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -4.77631324e+02
 2.06427272e+01 -1.79307092e+02]]
[06-24 17:40:25][INFO]
[[ 3.07260027e-02  0.00000000e+00  0.00000000e+00 ...  5.28414373e-01
 1.73817854e-01 -1.39234604e-01]
[ 0.00000000e+00  9.44381993e+00  0.00000000e+00 ...  8.40226480e+02

```

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2.27646169e+02 -1.69265210e+02]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... 2.45455541e+02
 7.01847846e+01 -5.21073639e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.25914543e+03
 6.17142227e+02 -4.74954507e+02]
[ 0.00000000e+00 0.00000000e+00 3.55271368e-15 ... -1.04982640e+03
 -2.85241582e+02 2.43127334e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.14099280e+03
 -3.00377359e+02 2.29807067e+02]]
[06-24 17:40:25][INFO]
[[ 3.07260027e-02 0.00000000e+00 0.00000000e+00 ... -2.26886276e-01
 6.13734193e-02 5.06889951e-04]
 [ 0.00000000e+00 9.44381993e+00 0.00000000e+00 ... -2.97892906e+02
 5.82100757e+01 4.13032609e+01]
 [ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... -9.26710980e+01
 1.98466062e+01 1.04509321e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -8.01260100e+02
 1.61528200e+02 9.12645745e+01]
[ 0.00000000e+00 0.00000000e+00 3.55271368e-15 ... 4.05564470e+02
 -6.85720950e+01 -2.61409288e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.11956245e+02
 -6.91840206e+01 -5.75108637e+01]]
[06-24 17:40:25][INFO]
[[ 3.07260027e-02 0.00000000e+00 0.00000000e+00 ... -2.53683062e-01
 8.61711547e-02 -3.37710853e-01]
 [ 0.00000000e+00 9.44381993e+00 0.00000000e+00 ... -3.35532130e+02
 9.30413982e+01 -4.33763157e+02]
 [ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... -1.03853773e+02
 3.01950493e+01 -1.30692080e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -9.00788804e+02
 2.53632023e+02 -1.16494478e+03]
[ 0.00000000e+00 0.00000000e+00 3.55271368e-15 ... 4.53599219e+02
 -1.13023434e+02 5.80133444e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.63458442e+02
 -1.16844134e+02 5.92528167e+02]]
[06-24 17:40:25][INFO]
[[ 3.07260027e-02 0.00000000e+00 0.00000000e+00 ... 4.37351491e+00
 -1.10048591e+00 5.47428285e+00]
 [ 0.00000000e+00 9.44381993e+00 0.00000000e+00 ... 1.23072920e+03
 -3.08630431e+02 1.53353996e+03]
 [ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... 7.24475627e+02
 -1.82232200e+02 9.09731365e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.37186356e+03
 -1.35500614e+03 6.71382251e+03]
[ 0.00000000e+00 0.00000000e+00 3.55271368e-15 ... -1.09673880e+03
 2.84564822e+02 -1.36716920e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.67155311e+03
 4.30685183e+02 -2.08915387e+03]]
[06-24 17:40:25][INFO]
[[ 3.07260027e-02 0.00000000e+00 0.00000000e+00 ... -1.54563332e-02

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4.03366883e-02 -6.76839963e-02]
[ 0.00000000e+00 9.44381993e+00 0.00000000e+00 ... -1.57039304e+01
1.53541669e+01 -4.03348068e+01]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... -8.92864083e+00
8.40112122e+00 -1.63403522e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.07784676e+01
4.92992834e+01 -1.08109406e+02]
[ 0.00000000e+00 0.00000000e+00 3.55271368e-15 ... 3.52618170e+01
-9.67540411e+00 6.22113031e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.25324231e+00
-5.42599147e+00 2.94171233e+01]]
[06-24 17:40:25][INFO]
[[ 3.07260027e-02 0.00000000e+00 0.00000000e+00 ... -1.79486996e-01
4.42185131e-02 -1.85716483e-01]
[ 0.00000000e+00 9.44381993e+00 0.00000000e+00 ... -4.13134894e+02
2.47594656e+01 -3.26316489e+02]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... -5.94573577e+01
9.59689538e+00 -5.26995913e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.64747200e+02
6.66688288e+01 -6.36255505e+02]
[ 0.00000000e+00 0.00000000e+00 3.55271368e-15 ... 6.50738964e+02
-2.42408179e+01 5.05093730e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.05319699e+02
-1.72365184e+01 3.88533241e+02]]
[06-24 17:40:25][INFO]
[[ 3.07260027e-02 0.00000000e+00 0.00000000e+00 ... -9.90958375e-02
9.07838169e-02 -8.97599564e-02]
[ 0.00000000e+00 9.44381993e+00 0.00000000e+00 ... -2.51380932e+02
1.18452883e+02 -1.33243661e+02]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... -3.44786300e+01
2.40654273e+01 -2.28844725e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.48081560e+02
2.50092379e+02 -2.58276938e+02]
[ 0.00000000e+00 0.00000000e+00 3.55271368e-15 ... 4.12229156e+02
-1.62393842e+02 2.20403559e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.98523657e+02
-1.37019846e+02 1.41697268e+02]]
[06-24 17:40:25][INFO]
[[ 3.07260027e-02 0.00000000e+00 0.00000000e+00 ... 3.68896666e-01
-1.65698301e-01 1.57455588e-01]
[ 0.00000000e+00 9.44381993e+00 0.00000000e+00 ... 1.67706394e+02
-1.11226875e+02 8.81378797e+01]
[ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... 5.88109676e+01
-2.70617027e+01 2.63954593e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.28176121e+02
-2.84943195e+02 2.57428062e+02]
[ 0.00000000e+00 0.00000000e+00 3.55271368e-15 ... -6.04518062e+01
9.66577744e+01 -2.92886483e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.67936584e+02
1.18622519e+02 -1.04708864e+02]]

```

```

[06-24 17:40:25][INFO]
[[ 3.07260027e-02  0.00000000e+00  0.00000000e+00 ... -5.68598473e-02
  1.22831787e-01 -4.76477870e-02]
 [ 0.00000000e+00  9.44381993e+00  0.00000000e+00 ... -4.83417367e+01
  3.51863548e+01 -1.59408586e+01]
 [ 0.00000000e+00  0.00000000e+00  6.24213751e+00 ... -5.85886078e+00
  1.67642652e+01 -4.75849755e+00]
 ...
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -7.48333873e+01
  1.23709125e+02 -3.30649343e+01]
 [ 0.00000000e+00  0.00000000e+00  3.55271368e-15 ...  5.95106452e+01
  1.53606583e+01  2.85019030e+01]
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  3.47623849e+01
 -1.87441438e+01 -7.06093261e+00]]
[06-24 17:40:25][INFO]
[[ 3.07260027e-02  0.00000000e+00  0.00000000e+00 ... -5.54815025e-01
 -5.69848305e-03 -2.86137390e-01]
 [ 0.00000000e+00  9.44381993e+00  0.00000000e+00 ... -2.08482749e+02
 -6.14862594e+00 -9.26384577e+01]
 [ 0.00000000e+00  0.00000000e+00  6.24213751e+00 ... -7.57938364e+01
 -1.28708103e+00 -3.82530073e+01]
 ...
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -6.77546898e+02
 -3.18609627e+01 -3.21727273e+02]
 [ 0.00000000e+00  5.68434189e-14  0.00000000e+00 ...  1.31376122e+02
  2.62116913e+00  6.70775379e+01]
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.62431619e+02
  1.42093465e+01  5.40847010e+01]]
[06-24 17:40:25][INFO]
[[ 3.07260027e-02  0.00000000e+00  0.00000000e+00 ...  1.41022516e-02
 -1.13548282e-02  3.70506023e-02]
 [ 0.00000000e+00  9.44381993e+00  0.00000000e+00 ... -2.04326461e+00
 -8.20110882e+00  2.46347654e+01]
 [ 0.00000000e+00  0.00000000e+00  6.24213751e+00 ...  2.14917798e+00
 -2.06201371e+00  6.02451308e+00]
 ...
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.41245224e+01
 -3.87377661e+01  7.11943471e+01]
 [ 0.00000000e+00  5.68434189e-14  0.00000000e+00 ... -2.23761448e+01
  4.14981999e+00 -2.02653651e+01]
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -5.01844930e+00
  1.58741850e+01 -4.10395877e+01]]
[06-24 17:40:25][INFO]
[[ 3.07260027e-02  0.00000000e+00  0.00000000e+00 ...  6.63106386e-01
 -1.79130671e+00  3.30834178e+00]
 [ 0.00000000e+00  9.44381993e+00  0.00000000e+00 ...  1.02206589e+02
 -2.94115656e+02  5.50103877e+02]
 [ 0.00000000e+00  0.00000000e+00  6.24213751e+00 ... -1.64354448e+01
  4.89079763e+01 -8.76508723e+01]
 ...
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -3.50109299e+01
  1.30892264e+02 -2.43664671e+02]
 [ 0.00000000e+00  5.68434189e-14  0.00000000e+00 ...  2.48986058e+02
 -7.40085291e+02  1.34752990e+03]]

```

```
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.79992755e+02
 4.95756869e+02 -9.22993759e+02]]
[06-24 17:40:25][INFO]
[[ 3.07260027e-02 0.00000000e+00 0.00000000e+00 ... 3.84603447e+00
 -1.83563086e+01 3.24704961e+01]
 [ 0.00000000e+00 9.44381993e+00 0.00000000e+00 ... 6.97102180e+02
 -3.39014748e+03 6.00056855e+03]
 [ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... -7.25318927e+01
 3.40852295e+02 -6.01609477e+02]
 ...
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.72262699e+02
 2.40649392e+03 -4.24978836e+03]
 [ 0.00000000e+00 5.68434189e-14 0.00000000e+00 ... 1.26690885e+03
 -6.03768942e+03 1.06737920e+04]
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.06618228e+03
 5.10777790e+03 -9.04230879e+03]]
[06-24 17:40:25][INFO]
[[ 3.07260027e-02 0.00000000e+00 0.00000000e+00 ... 2.45556502e-01
 -9.46834198e-03 7.05852859e-02]
 [ 0.00000000e+00 9.44381993e+00 0.00000000e+00 ... 3.13187995e+01
 2.46358310e+00 9.33005551e+00]
 [ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... -6.57584104e+00
 4.76215354e+00 -8.08544582e+00]
 ...
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.90797519e+01
 1.04043091e+01 -3.75065610e+01]
 [ 0.00000000e+00 5.68434189e-14 0.00000000e+00 ... 8.61580617e+01
 -2.09754505e+01 4.84748608e+01]
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.56956388e+01
 9.63013219e+00 -3.91490953e+01]]
[06-24 17:40:25][INFO]
[[ 3.07260027e-02 0.00000000e+00 0.00000000e+00 ... -1.40923302e-02
 2.85928235e-02 -8.41436590e-02]
 [ 0.00000000e+00 9.44381993e+00 0.00000000e+00 ... -3.46549462e+01
 1.21344822e+01 -2.99847682e+01]
 [ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... -4.64556126e+00
 4.47919946e+00 -6.93516083e+00]
 ...
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.56956388e+01
 9.63013219e+00 -3.91490953e+01]
 [ 0.00000000e+00 5.68434189e-14 0.00000000e+00 ... -1.54315869e+00
 -8.11958421e+00 -3.78771700e+00]
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.72826527e+01
 -6.65291658e+00 3.18356808e+01]]
[06-24 17:40:25][INFO]
[[ 3.07260027e-02 0.00000000e+00 0.00000000e+00 ... 0.00000000e+00
 1.02741945e-01 -4.95537241e-02]
 [ 0.00000000e+00 9.44381993e+00 0.00000000e+00 ... 0.00000000e+00
 1.94477203e+02 5.50765609e+01]
 [ 0.00000000e+00 0.00000000e+00 6.24213751e+00 ... 0.00000000e+00
 2.89225870e+01 4.46747163e+00]
 ...
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 0.00000000e+00
 3.55298582e+02 1.22102298e+02]]
```



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[ 0.00000000e+00  5.68434189e-14  0.00000000e+00 ... -1.54315869e+00
-8.11958421e+00 -3.78771700e+00]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  0.00000000e+00
-2.55438400e+02 -8.42206320e+01]]
[06-24 17:40:25][INFO]
[[ 3.07260027e-02  0.00000000e+00  0.00000000e+00 ...  0.00000000e+00
0.00000000e+00 -8.34287858e-02]
[ 0.00000000e+00  9.44381993e+00  0.00000000e+00 ...  0.00000000e+00
0.00000000e+00 -9.04454611e+00]
[ 0.00000000e+00  0.00000000e+00  6.24213751e+00 ...  0.00000000e+00
0.00000000e+00 -5.06859873e+00]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  0.00000000e+00
0.00000000e+00  4.95675045e+00]
[ 0.00000000e+00  5.68434189e-14  0.00000000e+00 ... -1.54315869e+00
0.00000000e+00 -1.11060771e+00]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  0.00000000e+00
-2.55438400e+02 -8.42206320e+01]]
n = 47: 0.148063 segundos
[06-24 17:40:25][INFO]
[[-6.15298526e-02 -4.90299645e+00 -3.59955188e+00 ...  4.29260975e+00
-1.96546784e+00  3.63935807e+00]
[ 0.00000000e+00  3.73277671e+01  2.99147211e+01 ... -3.30090129e+01
1.12301327e+01 -3.21007038e+01]
[ 0.00000000e+00 -2.18752799e+02 -1.58510002e+02 ...  1.91506306e+02
-8.77731381e+01  1.60848099e+02]
...
[ 0.00000000e+00  7.15356005e+01  4.73060904e+01 ... -5.76102984e+01
2.78755452e+01 -4.70295247e+01]
[ 0.00000000e+00  1.47609079e+02  1.08047650e+02 ... -1.28898709e+02
6.08347331e+01 -1.04787882e+02]
[ 0.00000000e+00  2.00037868e+02  1.48346366e+02 ... -1.68720634e+02
7.40201856e+01 -1.49788358e+02]]
[06-24 17:40:25][INFO]
[[-6.15298526e-02  0.00000000e+00 -3.12235370e-01 ... -4.13570406e+00
3.52046831e+00 -3.84744865e+00]
[ 0.00000000e+00 -7.27418133e+00 -4.87712700e+00 ...  1.25044110e+01
-8.13904204e+00  1.11075727e+01]
[ 0.00000000e+00  0.00000000e+00 -1.18426134e+01 ... -1.84532563e+02
1.56988183e+02 -1.73184353e+02]
...
[ 0.00000000e+00  0.00000000e+00 -6.56449034e-01 ...  6.53603169e+01
-5.21652503e+01  6.22043327e+01]
[ 0.00000000e+00  0.00000000e+00  9.08005611e+00 ...  1.24843192e+02
-1.04324265e+02  1.20609108e+02]
[ 0.00000000e+00  0.00000000e+00  1.42267946e+01 ...  1.75147027e+02
-1.49801100e+02  1.55666657e+02]]
[06-24 17:40:25][INFO]
[[-6.15298526e-02  0.00000000e+00  0.00000000e+00 ... -3.52238795e+01
2.83325031e+01 -3.34345024e+01]
[ 0.00000000e+00 -7.27418133e+00  0.00000000e+00 ... -4.73093937e+02
3.79425776e+02 -4.51043203e+02]
[ 0.00000000e+00  0.00000000e+00 -6.56449034e-01 ...  6.53603169e+01
-5.21652503e+01  6.22043327e+01]

```

```

...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.36365984e+03
 1.09807098e+03 -1.29537636e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.02891238e+03
-8.25878225e+02 9.81024467e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.59165883e+03
-1.28034478e+03 1.50378086e+03]]
[06-24 17:40:25][INFO]
[[-6.15298526e-02 0.00000000e+00 0.00000000e+00 ... 7.41290713e+00
-5.09499701e+00 8.47456159e+00]
[ 0.00000000e+00 -7.27418133e+00 0.00000000e+00 ... 7.64317323e+01
-5.14056905e+01 8.91031875e+01]
[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... -7.80391574e+00
5.19595311e+00 -9.71113628e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.30917498e+02
-2.30487965e+02 3.70278008e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.08734382e+02
1.44444365e+02 -2.35498198e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.16000487e+02
2.15271735e+02 -3.71318620e+02]]
[06-24 17:40:25][INFO]
[[-6.15298526e-02 0.00000000e+00 0.00000000e+00 ... -1.31449534e+01
2.08384359e+01 -1.10198627e+00]
[ 0.00000000e+00 -7.27418133e+00 0.00000000e+00 ... -1.33494768e+02
2.13413444e+02 -8.68768796e+00]
[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... 1.55289687e+01
-2.42381310e+01 1.15811176e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.79320607e+02
9.17763764e+02 -5.37417371e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.50195230e+02
-5.60636965e+02 2.48701503e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.52850403e+02
-8.80770644e+02 3.34215594e+01]]
[06-24 17:40:25][INFO]
[[-6.15298526e-02 0.00000000e+00 0.00000000e+00 ... 5.35560125e-02
-7.53439265e+00 -7.56238361e+00]
[ 0.00000000e+00 -7.27418133e+00 0.00000000e+00 ... -4.77730680e-01
-7.25332103e+01 -7.37967762e+01]
[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... -3.31159848e-01
9.85637895e+00 8.92131663e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.49548065e+00
-3.22236903e+02 -3.36085705e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.49390007e+00
1.95388970e+02 1.97014705e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.89229172e+00
3.01474016e+02 3.02614680e+02]]
[06-24 17:40:25][INFO]
[[-6.15298526e-02 0.00000000e+00 0.00000000e+00 ... 1.23751025e-01
-2.41078779e+00 -1.09972783e+00]
[ 0.00000000e+00 -7.27418133e+00 0.00000000e+00 ... 2.54441651e-01
-1.90912123e+01 -6.38774558e+00]

```

```

[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... -4.20082676e-01
 3.36581188e+00 7.34443927e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.16920667e-01
-9.50595869e+01 -4.95357402e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.25038414e+00
6.71814239e+01 3.53001968e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.75449192e-02
8.54325506e+01 3.01109121e+01]]
[06-24 17:40:25][INFO]
[[ -0.06152985 0. 0. ... -0.16824599 0.66882639
-0.34011415]
[ 0. -7.27418133 0. ... -1.42527047 -1.37573935
-2.01806977]
[ 0. 0. -0.65644903 ... -0.0556701 -0.47754981
-0.21355473]
...
[ 0. 0. 0. ... -10.27336697 19.79735446
-21.20527453]
[ 0. 0. 0. ... 5.05055693 -20.3663741
13.70576936]
[ 0. 0. 0. ... 10.63528302 -27.4473037
2.26811214]]
[06-24 17:40:25][INFO]
[[ -6.15298526e-02 0.00000000e+00 0.00000000e+00 ... 9.24340132e+02
-1.37161269e+03 7.86802803e+02]
[ 0.00000000e+00 -7.27418133e+00 0.00000000e+00 ... 1.00702942e+04
-1.49511965e+04 8.57322349e+03]
[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... -8.88616010e+02
1.31844498e+03 -7.56749671e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.89343886e+04
-4.29438205e+04 2.46227960e+04]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.36856842e+04
3.51446557e+04 -2.01570082e+04]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.07463427e+04
4.56262574e+04 -2.61847713e+04]]
[06-24 17:40:25][INFO]
[[ -6.15298526e-02 0.00000000e+00 0.00000000e+00 ... 1.49395612e+01
-3.21641092e+01 2.81863684e+01]
[ 0.00000000e+00 -7.27418133e+00 0.00000000e+00 ... 1.63845219e+02
-3.60069632e+02 3.09323877e+02]
[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... -1.48401439e+01
3.14677342e+01 -2.78511491e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.66966289e+02
-1.01438954e+03 8.75445165e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.91499534e+02
8.34843618e+02 -7.25140800e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.85085618e+02
1.05470197e+03 -9.41014423e+02]]
[06-24 17:40:25][INFO]
[[ -0.06152985 0. 0. ... -0.27325653 -0.41989445
-1.17857213]

```

```

[ 0.          -7.27418133  0.          ... -0.58099766 -16.96546709
-8.06414143]
[ 0.          0.          -0.65644903 ...  0.1444198   0.19981157
1.07319818]
...
[ 0.          0.          0.          ... -4.67572547 -30.22567571
-34.9542095 ]
[ 0.          0.          0.          ...  2.96032154  11.73388077
36.27568795]
[ 0.          0.          0.          ...  18.52883172  3.82201298
31.10058242]]
[06-24 17:40:25][INFO]
[[-6.15298526e-02  0.00000000e+00  0.00000000e+00 ... -1.70461896e+01
8.26970251e+01  1.10299162e+02]
[ 0.00000000e+00 -7.27418133e+00  0.00000000e+00 ...  4.52004728e+02
-2.25971760e+03 -3.01607896e+03]
[ 0.00000000e+00  0.00000000e+00 -6.56449034e-01 ...  7.19378215e+01
-3.55566612e+02 -4.76086386e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.38227329e+03
-6.90313988e+03 -9.25301604e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.23823031e+03
-6.10954714e+03 -8.17368376e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  6.31016454e+02
-3.03131110e+03 -4.03966821e+03]]
[06-24 17:40:25][INFO]
[[-6.15298526e-02  0.00000000e+00  0.00000000e+00 ...  1.54721893e+01
-7.77428449e+00  3.58374786e+00]
[ 0.00000000e+00 -7.27418133e+00  0.00000000e+00 ... -4.38409551e+02
2.17556752e+02 -9.40105242e+01]
[ 0.00000000e+00  0.00000000e+00 -6.56449034e-01 ... -6.83818805e+01
3.48251496e+01 -1.55998660e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.34566542e+03
6.86420126e+02 -3.00752121e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.17409976e+03
6.01939365e+02 -2.57151258e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -5.57629562e+02
2.75691448e+02 -1.38894051e+02]]
[06-24 17:40:25][INFO]
[[-6.15298526e-02  0.00000000e+00  0.00000000e+00 ... -3.75493032e-01
1.06430616e+00 -9.56312284e-01]
[ 0.00000000e+00 -7.27418133e+00  0.00000000e+00 ...  3.50171947e+00
-2.89065949e+01  3.25886658e+01]
[ 0.00000000e+00  0.00000000e+00 -6.56449034e-01 ...  1.33887799e+00
-4.05960533e+00  4.37380780e+00]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.61519306e+01
-7.30944751e+01  8.93826980e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.05998119e+01
-5.87928685e+01  8.22426789e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.79744360e+01
-5.09123988e+01  2.88703780e+01]]
[06-24 17:40:25][INFO]

```

```

[[ -0.06152985  0.          0.          ...  0.26867769 -0.13970812
  0.11264632]
 [  0.          -7.27418133  0.          ... -16.88141971  9.19136563
 -1.23580242]
 [  0.          0.          -0.65644903 ... -1.61349089  1.45864346
 -0.52545264]
 ...
 [  0.          0.          0.          ... -37.12300838 26.48128232
  0.97646859]
 [  0.          0.          0.          ... -37.71476426 31.51151504
  2.06784265]
 [  0.          0.          0.          ...  2.24219113 -2.81646811
 -13.83057647]]
[06-24 17:40:25][INFO]
[[-6.15298526e-02  0.00000000e+00  0.00000000e+00 ... -3.06941633e+00
  6.75286550e-01  2.15945791e+00]
 [ 0.00000000e+00 -7.27418133e+00  0.00000000e+00 ...  1.25471752e+02
 -2.55641193e+01 -8.85221757e+01]
 [ 0.00000000e+00  0.00000000e+00 -6.56449034e-01 ...  1.88834533e+01
 -3.54567942e+00 -1.30935177e+01]
 ...
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  3.28905035e+02
 -6.28843569e+01 -2.23460122e+02]
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.74934803e+02
 -4.48217849e+01 -1.89638788e+02]
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.23868591e+02
 -3.25115179e+01 -8.84079619e+01]]
[06-24 17:40:25][INFO]
[[-6.15298526e-02  0.00000000e+00  0.00000000e+00 ...  1.21191319e+00
  2.08685008e-01 -3.33842115e-01]
 [ 0.00000000e+00 -7.27418133e+00  0.00000000e+00 ... -5.49866644e+01
 -5.89682326e+00  1.65706399e+01]
 [ 0.00000000e+00  0.00000000e+00 -6.56449034e-01 ... -6.16176117e+00
 -8.16121794e-01  1.49195944e+00]
 ...
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.23217505e+02
 -1.36096928e+01  3.98405973e+01]
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.12659475e+02
 -2.57974614e+00  3.60828760e+01]
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -4.49414184e+01
 -1.41137257e+01  9.90121960e+00]]
[06-24 17:40:25][INFO]
[[-6.15298526e-02  0.00000000e+00  0.00000000e+00 ... -1.42415680e+01
 -9.22158687e-01 -1.95790950e+00]
 [ 0.00000000e+00 -7.27418133e+00  0.00000000e+00 ...  7.91903072e+02
  5.60762629e+01  1.05573628e+02]
 [ 0.00000000e+00  0.00000000e+00 -6.56449034e-01 ...  1.03210805e+02
  7.18746494e+00  1.29863545e+01]
 ...
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.97627334e+03
  1.40025333e+02  2.60484384e+02]
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.45007716e+03
  1.11777068e+02  2.00317043e+02]
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  8.62745125e+02

```

```

5.23083053e+01 1.05293584e+02]]
[06-24 17:40:25][INFO]
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 1.31400039e-01 -1.04396026e+00]
[ 0.00000000e+00 -7.27418133e+00 0.00000000e+00 ... -6.39520158e+01
-2.47921510e+00 5.47774708e+01]
[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... -6.88116262e+00
-3.44753859e-01 6.45224731e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.38313523e+02
-4.64944402e+00 1.34980794e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.26825429e+02
3.88931191e+00 1.06725741e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.48001293e+01
-1.04678606e+01 5.08360323e+01]]
[06-24 17:40:25][INFO]
[[-6.15298526e-02 0.00000000e+00 0.00000000e+00 ... 1.65928064e+01
-2.13347001e-01 -1.47594516e+01]
[ 0.00000000e+00 -7.27418133e+00 0.00000000e+00 ... -5.31338915e+03
1.14765980e+02 4.71928585e+03]
[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... -6.09967269e+02
1.31250614e+01 5.42338311e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.40099993e+04
3.05172060e+02 1.24609870e+04]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.70966121e+03
8.39112781e+01 3.29033707e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.43251376e+02
-2.60587102e+01 -5.69433726e+02]]
[06-24 17:40:25][INFO]
[[-6.15298526e-02 0.00000000e+00 0.00000000e+00 ... 8.56953832e+00
-4.18023593e-01 -8.11799787e+00]
[ 0.00000000e+00 -7.27418133e+00 0.00000000e+00 ... 2.86703358e+02
2.57626450e+02 8.36742145e+01]
[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... -9.28939086e+00
2.84485804e+01 4.51127093e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.55279908e+02
6.71635744e+02 5.69780645e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.98012666e+00
1.78419088e+02 2.23697952e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.48164291e+02
-5.39011351e+01 3.34011917e+02]]
[06-24 17:40:25][INFO]
[[-6.15298526e-02 0.00000000e+00 0.00000000e+00 ... -5.86065546e+02
-1.43467172e+03 -1.38097494e+03]
[ 0.00000000e+00 -7.27418133e+00 0.00000000e+00 ... -1.24078387e+04
-3.03614782e+04 -2.92247043e+04]
[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... 1.38143239e+03
3.38285518e+03 3.25592568e+03]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.98208268e+03
-1.46140175e+04 -1.40615326e+04]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.21968394e+03

```

```

1.03682653e+04 9.97734272e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.98224037e+04
7.29583970e+04 7.02208389e+04]]
[06-24 17:40:25][INFO]
[[-6.15298526e-02 0.00000000e+00 0.00000000e+00 ... -6.60821343e+00
8.97196581e-01 1.34572661e+00]
[ 0.00000000e+00 -7.27418133e+00 0.00000000e+00 ... -1.48381810e+02
1.05513886e+01 2.07631541e+01]
[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... 1.41956521e+01
-4.38741477e+00 -5.67700033e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -8.85028512e+01
-1.30460004e+01 -2.14167762e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.26668019e+01
-2.95793980e+01 -3.48241622e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.31071202e+02
-1.04515290e+02 -1.32017051e+02]]
[06-24 17:40:25][INFO]
[[-6.15298526e-02 0.00000000e+00 0.00000000e+00 ... 1.20585048e+01
-1.69389799e+00 -2.60438618e+00]
[ 0.00000000e+00 -7.27418133e+00 0.00000000e+00 ... -3.57794892e+03
4.86603612e+02 7.46502770e+02]
[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... -9.60211781e+02
1.30868380e+02 2.00519891e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.11869393e+03
9.62802549e+02 1.48553534e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.46022599e+04
2.00048114e+03 3.05999461e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.17846013e+04
2.96532260e+03 4.54793793e+03]]
[06-24 17:40:25][INFO]
[[-6.15298526e-02 0.00000000e+00 0.00000000e+00 ... 3.87083024e+00
-1.57515148e+00 -1.58679359e+00]
[ 0.00000000e+00 -7.27418133e+00 0.00000000e+00 ... -1.09117373e+03
4.50537710e+02 4.37437725e+02]
[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... -2.91008311e+02
1.21162868e+02 1.17348963e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.18933930e+03
8.91311720e+02 8.72898051e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.41624173e+03
1.85275250e+03 1.79404095e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.54443088e+03
2.74429317e+03 2.65383669e+03]]
[06-24 17:40:25][INFO]
[[-6.15298526e-02 0.00000000e+00 0.00000000e+00 ... -2.58243265e-01
1.17402887e-03 3.68571562e-02]
[ 0.00000000e+00 -7.27418133e+00 0.00000000e+00 ... 7.39655799e+01
5.73118895e+00 -2.07230010e+01]
[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... 2.12668017e+01
1.94793363e+00 -5.44510220e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.25692562e+02

```

```

7.51932210e+00 -3.74280071e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.01371378e+02
5.17446228e+01 -6.10376903e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.28024547e+02
4.42947645e+01 -1.27222430e+02]]
[06-24 17:40:25][INFO]
[[-6.15298526e-02 0.00000000e+00 0.00000000e+00 ... 9.37497035e-02
-1.39484347e-01 -1.35140318e-01]
[ 0.00000000e+00 -7.27418133e+00 0.00000000e+00 ... -1.62389771e+01
4.17774388e+01 2.33544589e+01]
[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... -3.78149939e+00
1.19573760e+01 6.79447328e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.75950008e+01
7.27699532e+01 4.23606557e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.88517611e+01
1.95691821e+02 1.14981365e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -9.45024071e+01
2.93060047e+02 1.76968486e+02]]
[06-24 17:40:25][INFO]
[[-6.15298526e-02 0.00000000e+00 0.00000000e+00 ... -7.92072518e+00
1.53735613e+01 8.89527342e+00]
[ 0.00000000e+00 -7.27418133e+00 0.00000000e+00 ... 4.04120690e+02
-7.71882694e+02 -4.50291259e+02]
[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... 1.88383198e+02
-3.60002081e+02 -2.09729597e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.55942370e+03
-8.73861644e+03 -5.07834441e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.40326811e+03
-6.50568591e+03 -3.78600719e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.53778694e+03
-1.25445879e+04 -7.29604973e+03]]
[06-24 17:40:25][INFO]
[[-6.15298526e-02 0.00000000e+00 0.00000000e+00 ... 1.23272450e+01
-3.19987701e+01 -2.14806332e+01]
[ 0.00000000e+00 -7.27418133e+00 0.00000000e+00 ... -6.32463444e+02
1.65331878e+03 1.10478723e+03]
[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... -2.89551444e+02
7.58178067e+02 5.07265635e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.00892353e+03
1.83267918e+04 1.22764340e+04]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.26807309e+03
1.37818612e+04 9.22269682e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.00229207e+04
2.62009912e+04 1.75482435e+04]]
[06-24 17:40:25][INFO]
[[-6.15298526e-02 0.00000000e+00 0.00000000e+00 ... 1.68651247e+00
-3.25618444e+00 -2.22908522e+00]
[ 0.00000000e+00 -7.27418133e+00 0.00000000e+00 ... -7.46898037e+01
1.46669063e+02 9.56456147e+01]
[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... -3.24519998e+01
6.37049376e+01 4.21132327e+01]

```



```

...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -8.03214757e+02
 1.56402515e+03 1.04887046e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.76930046e+02
 1.11021660e+03 7.35333245e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.16178886e+03
 2.26543595e+03 1.51640507e+03]]
[06-24 17:40:25][INFO]
[[-6.15298526e-02 0.00000000e+00 0.00000000e+00 ... 4.60764006e-01
 -8.75745596e-01 -7.86228420e-01]
[ 0.00000000e+00 -7.27418133e+00 0.00000000e+00 ... -3.24928568e+00
 7.92951805e+00 1.15513321e+01]
[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... -9.79859767e+00
 1.97113777e+01 1.54473902e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.55444433e+02
 5.00239393e+02 4.04077367e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.50432462e+02
 4.76148879e+02 3.51005405e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.95078604e+02
 7.76462532e+02 6.13892731e+02]]
[06-24 17:40:25][INFO]
[[-6.15298526e-02 0.00000000e+00 0.00000000e+00 ... -4.26663888e-01
 7.60289013e-01 -1.62939240e-02]
[ 0.00000000e+00 -7.27418133e+00 0.00000000e+00 ... 9.14899310e+00
 -1.49275651e+01 7.94556751e-01]
[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... 8.68097766e+00
 -1.43569957e+01 -5.85532152e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.34323364e+02
 -4.02681367e+02 -2.08463090e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.74860735e+02
 -3.07908501e+02 -1.79799581e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.36402204e+02
 -5.72072857e+02 -2.07417134e+01]]
[06-24 17:40:25][INFO]
[[-6.15298526e-02 0.00000000e+00 0.00000000e+00 ... 1.49425837e-01
 -3.33475891e-02 8.02699212e-02]
[ 0.00000000e+00 -7.27418133e+00 0.00000000e+00 ... -1.30328162e+00
 -5.28232124e-01 -9.57447834e-01]
[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... -2.29794978e+00
 7.67868204e-01 -2.42581398e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.93477336e+01
 1.56640541e+01 -7.17474927e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.35972489e+01
 3.43738575e+01 -5.96263498e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -8.74633710e+01
 1.18556891e+01 -9.17898298e+01]]
[06-24 17:40:25][INFO]
[[-6.15298526e-02 0.00000000e+00 0.00000000e+00 ... 1.94091111e-01
 -1.83231899e-01 -4.10811072e-02]
[ 0.00000000e+00 -7.27418133e+00 0.00000000e+00 ... -5.30004081e-01
 -3.12313775e+00 -3.05836464e+00]

```

```
[ 0.00000000e+00  0.00000000e+00 -6.56449034e-01 ... -2.89815329e+00
 2.78198524e+00 -7.95121797e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -8.54917901e+01
 6.98390441e+01 -2.78857253e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -9.23780212e+01
 9.73969367e+01 -8.60089254e+00]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.16129319e+02
 1.08050686e+02 -1.39073496e+01]]
[06-24 17:40:25][INFO]
[[-6.15298526e-02  0.00000000e+00  0.00000000e+00 ... -1.60626012e+00
 9.68877529e-01 -1.75623114e-01]
[ 0.00000000e+00 -7.27418133e+00  0.00000000e+00 ... -2.58891021e+01
 1.31050601e+01 -4.95347481e+00]
[ 0.00000000e+00  0.00000000e+00 -6.56449034e-01 ...  1.66901321e+01
 -9.75326227e+00  6.68729911e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  4.52493851e+01
 -1.38269306e+01 -1.81153095e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  4.38984152e+02
 -2.42640806e+02  3.11083219e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  6.65325313e+02
 -3.92030206e+02  4.44915187e+01]]
[06-24 17:40:25][INFO]
[[-6.15298526e-02  0.00000000e+00  0.00000000e+00 ...  3.08644755e+01
 -1.78278733e+01  1.99212401e+00]
[ 0.00000000e+00 -7.27418133e+00  0.00000000e+00 ...  2.28791285e+03
 -1.32631513e+03  1.49516002e+02]
[ 0.00000000e+00  0.00000000e+00 -6.56449034e-01 ...  5.37879673e+01
 -3.12285615e+01  3.14538232e+00]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -9.88337002e+03
 5.73368021e+03 -6.80950189e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -8.12795724e+03
 4.71661434e+03 -5.40820900e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -7.71485636e+03
 4.45911294e+03 -5.14969619e+02]]
[06-24 17:40:25][INFO]
[[-6.15298526e-02  0.00000000e+00  0.00000000e+00 ...  9.06351804e-01
 -7.47942239e-01  3.32311916e-01]
[ 0.00000000e+00 -7.27418133e+00  0.00000000e+00 ...  7.03736388e+01
 -6.20364541e+01  2.66545554e+01]
[ 0.00000000e+00  0.00000000e+00 -6.56449034e-01 ...  9.06366795e-01
 -1.07934057e+00  2.15508574e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -3.62061484e+02
 3.05326456e+02 -1.53427731e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.66097899e+02
 2.34357142e+02 -1.05239241e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.41306742e+02
 1.98241555e+02 -1.00902031e+02]]
[06-24 17:40:25][INFO]
[[-6.15298526e-02  0.00000000e+00  0.00000000e+00 ... -1.72877839e+00
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```
[ 0.00000000e+00 -7.27418133e+00 0.00000000e+00 ... -8.16548553e+01
 7.73783685e+01 -4.20950638e+01]
[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... 1.95289411e+00
-2.03903842e+00 6.88764293e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.71692726e+02
-2.75845720e+02 1.33165652e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.24233427e+02
-3.98697997e+02 2.06939183e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.53760085e+02
-4.39156185e+02 2.13417860e+02]]
[06-24 17:40:25][INFO]
[[-6.15298526e-02 0.00000000e+00 0.00000000e+00 ... -4.00088928e-01
 1.72477501e-01 -1.80707755e-01]
[ 0.00000000e+00 -7.27418133e+00 0.00000000e+00 ... -1.45459876e+01
 1.81521446e+00 -7.81928447e+00]
[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... 9.49620868e-01
-9.09374145e-01 1.76343604e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.77396565e+01
-2.36793393e+01 1.87818718e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.00661313e+02
-3.43626956e+01 4.16750868e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.13564277e+02
-5.61029592e+01 3.96632305e+01]]
[06-24 17:40:25][INFO]
[[-6.15298526e-02 0.00000000e+00 0.00000000e+00 ... 5.21806126e-02
 2.34628450e-01 -2.24670489e-01]
[ 0.00000000e+00 -7.27418133e+00 0.00000000e+00 ... 1.09407173e+00
 3.96447379e+00 -9.33957205e+00]
[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... 8.86412421e-01
-9.18060259e-01 1.82487763e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.96313237e+00
-3.13340251e+01 2.41964458e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.90748523e+01
-5.21910591e+01 5.42860544e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.32576029e+01
-6.85129162e+01 4.84414655e+01]]
[06-24 17:40:25][INFO]
[[-6.15298526e-02 0.00000000e+00 0.00000000e+00 ... 5.74170295e-01
-6.46253631e-01 9.14857936e-01]
[ 0.00000000e+00 -7.27418133e+00 0.00000000e+00 ... 1.80666143e+01
-2.46774881e+01 2.77122995e+01]
[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... 9.41315017e-01
-1.01071097e+00 3.02342755e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.62524525e+01
 8.39074068e+01 -1.24882404e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.92133852e+02
 2.22978653e+02 -3.01679535e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.53265115e+01
 6.41014640e+01 -1.23111412e+02]]
[06-24 17:40:25][INFO]
```

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[[-6.15298526e-02  0.00000000e+00  0.00000000e+00 ... -1.04179404e+00
 1.32357098e+00 -1.17200237e+00]
[ 0.00000000e+00 -7.27418133e+00  0.00000000e+00 ... -5.38911270e+01
 6.30373990e+01 -6.52141039e+01]
[ 0.00000000e+00  0.00000000e+00 -6.56449034e-01 ...  6.50563112e-01
-6.56290857e-01 -7.31349684e-02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.31585296e+02
-1.69442189e+02  1.43519774e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.21084274e+02
-2.80725057e+02  2.31951365e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  3.25754113e+02
-4.00427347e+02  3.69017040e+02]]
[06-24 17:40:25][INFO]
[[-6.15298526e-02  0.00000000e+00  0.00000000e+00 ... -2.05372372e+01
 2.54822660e+01 -2.33821347e+01]
[ 0.00000000e+00 -7.27418133e+00  0.00000000e+00 ...  2.90567872e+03
-3.60445274e+03  3.30646807e+03]
[ 0.00000000e+00  0.00000000e+00 -6.56449034e-01 ... -3.62741657e+01
 4.51007230e+01 -4.21395352e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.79500663e+03
-2.23074895e+03  2.03856816e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.99801931e+04
-2.47661539e+04  2.27424642e+04]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.16330932e+04
 2.68109107e+04 -2.46475420e+04]]
[06-24 17:40:25][INFO]
[[-6.15298526e-02  0.00000000e+00  0.00000000e+00 ...  8.06070386e-02
-1.40611109e-01  3.33112043e-02]
[ 0.00000000e+00 -7.27418133e+00  0.00000000e+00 ... -1.28989263e+01
 2.26168853e+01 -8.12662943e+00]
[ 0.00000000e+00  0.00000000e+00 -6.56449034e-01 ...  1.12620113e+00
-1.37867575e+00  3.35626495e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.93304420e+01
 5.42956280e+01 -1.66919604e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.07096317e+02
 1.97374998e+02 -7.04368485e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  9.85647266e+01
-1.96161074e+02  3.28491607e+01]]
[06-24 17:40:25][INFO]
[[-6.15298526e-02  0.00000000e+00  0.00000000e+00 ...  2.00540973e-02
-2.96944411e-02 -2.52130769e-02]
[ 0.00000000e+00 -7.27418133e+00  0.00000000e+00 ... -1.50490895e+00
 1.74611654e+00  2.88566262e+00]
[ 0.00000000e+00  0.00000000e+00 -6.56449034e-01 ...  1.09134362e+00
-1.31482618e+00  3.01936788e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.06636160e+00
 2.26724858e+01 -6.26561186e-03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.45078445e+01
 4.60951752e+01  9.38472417e+00]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  4.30945703e+01

```

```

-9.45546986e+01 -2.07626203e+01]]
[06-24 17:40:25][INFO]
[[-6.15298526e-02 0.00000000e+00 0.00000000e+00 ... 2.73310881e-02
-1.09538875e-01 -2.51910116e-02]
[ 0.00000000e+00 -7.27418133e+00 0.00000000e+00 ... -4.33519852e+00
3.28005555e+01 2.87708063e+00]
[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... 1.25694642e+00
-3.13184944e+00 3.02438928e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.85129703e+00
-9.02829455e+01 5.25916662e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.10471874e+01
3.37289550e+02 9.30425170e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.46738655e+01
-2.21604778e+02 -2.07275096e+01]]
[06-24 17:40:25][INFO]
[[-6.15298526e-02 0.00000000e+00 0.00000000e+00 ... -2.99228883e-03
1.72938398e-01 -2.91116203e-01]
[ 0.00000000e+00 -7.27418133e+00 0.00000000e+00 ... 2.15477316e+00
-2.76567444e+01 5.97918156e+01]
[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... 8.62149405e-01
5.45880243e-01 -3.15978996e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.84762872e+00
4.66448265e+01 -1.23645165e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 8.74843035e+00
-2.19736239e+02 5.33690475e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.18788829e+01
8.38967242e+01 -3.08327800e+02]]
[06-24 17:40:25][INFO]
[[-6.15298526e-02 0.00000000e+00 0.00000000e+00 ... 8.15921598e-03
6.56364489e-02 -6.68236253e-03]
[ 0.00000000e+00 -7.27418133e+00 0.00000000e+00 ... -5.25457604e-02
-6.41749243e+00 3.49123475e+00]
[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... 1.01684811e+00
-9.42660748e-01 7.86004473e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.97762461e+00
-5.18891882e-01 3.09598284e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.14276122e+01
-2.55984329e+01 1.90738944e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.43278510e+01
-3.58896685e+01 9.19955315e+00]]
[06-24 17:40:25][INFO]
[[-6.15298526e-02 0.00000000e+00 0.00000000e+00 ... -6.10028589e-01
-8.70823081e-01 8.67355191e-01]
[ 0.00000000e+00 -7.27418133e+00 0.00000000e+00 ... -3.04622099e+00
-1.09524504e+01 7.72390410e+00]
[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... -1.67505081e-02
-2.50840382e+00 2.24737915e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.43488089e+01
-9.50016517e+01 1.19144611e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.64197555e+01

```

```

1.65860499e+01 -2.02986796e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.81171113e+02
1.86555309e+02 -1.98417816e+02]]
[06-24 17:40:25][INFO]
[[-6.15298526e-02 0.00000000e+00 0.00000000e+00 ... -2.20962753e+00
-2.48662228e+00 2.84483569e+00]
[ 0.00000000e+00 -7.27418133e+00 0.00000000e+00 ... -1.57098163e+01
-2.37442988e+01 2.33790863e+01]
[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... -1.21215468e+00
-3.71591468e+00 3.72517985e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.64197555e+01
1.65860499e+01 -2.02986796e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.18951754e+02
-2.51170369e+02 3.10270213e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.86547877e+02
6.97050378e+02 -8.23182356e+02]]
[06-24 17:40:25][INFO]
[[-6.15298526e-02 0.00000000e+00 0.00000000e+00 ... 0.00000000e+00
4.81505722e-02 -2.86363718e-01]
[ 0.00000000e+00 -7.27418133e+00 0.00000000e+00 ... 0.00000000e+00
-5.72279274e+00 1.11715891e+00]
[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... 0.00000000e+00
-2.32539219e+00 2.00747043e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 0.00000000e+00
-2.24986249e+00 2.96928213e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.18951754e+02
-2.51170369e+02 3.10270213e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 0.00000000e+00
-9.05225951e+01 1.49704829e+02]]
[06-24 17:40:25][INFO]
[[-6.15298526e-02 0.00000000e+00 0.00000000e+00 ... 0.00000000e+00
0.00000000e+00 -2.06733067e-01]
[ 0.00000000e+00 -7.27418133e+00 0.00000000e+00 ... 0.00000000e+00
-8.88178420e-16 -8.34710480e+00]
[ 0.00000000e+00 0.00000000e+00 -6.56449034e-01 ... 0.00000000e+00
0.00000000e+00 -1.83822623e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 0.00000000e+00
0.00000000e+00 -7.51504709e-01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.18951754e+02
0.00000000e+00 -1.05111354e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 0.00000000e+00
-9.05225951e+01 1.49704829e+02]]
n = 52: 0.144502 segundos
[06-24 17:40:25][INFO]
[[ 2.14220423e-01 2.78988506e+00 -1.59891063e+00 ... 6.46111877e-02
3.70890570e+00 -2.86538484e+00]
[ 0.00000000e+00 6.49769815e+01 -3.26086460e+01 ... -3.23884682e+00
8.56617573e+01 -6.03958840e+01]
[ 0.00000000e+00 -3.76563593e+01 2.37747227e+01 ... 2.87053174e+00
-5.15503493e+01 3.73308584e+01]
...

```

```

[ 0.00000000e+00 -2.85217082e+01 1.64009595e+01 ... 2.59590774e+00
-3.56101722e+01 3.41212546e+01]
[ 0.00000000e+00 3.08248593e+01 -1.85715167e+01 ... -4.38802770e-01
3.65371386e+01 -2.76590047e+01]
[ 0.00000000e+00 -3.37485885e+01 1.68635674e+01 ... 1.96397652e+00
-4.40319281e+01 3.89792115e+01]]
[06-24 17:40:25][INFO]
[[ 0.21422042 0. 1.63158862 ... -0.07718163 -2.08505766
1.03319692]
[ 0. 7.67364721 -8.88556736 ... 0.39000461 15.93643818
-10.72314466]
[ 0. 0. -19.82880869 ... 4.78437447 26.65343376
-15.29008925]
...
[ 0. 0. -16.62526032 ... 4.04549195 23.62299653
-5.7349435 ]
[ 0. 0. 17.1215971 ... -2.00544208 -27.47915654
15.41561366]
[ 0. 0. -22.21502824 ... 3.67921113 26.05629453
-8.18102231]]
[06-24 17:40:25][INFO]
[[ 0.21422042 0. 0. ... -0.13487475 1.92583995
-2.26237859]
[ 0. 7.67364721 0. ... 0.70419909 -5.90675219
7.22442977]
[ 0. 0. -3.01391755 ... -0.1065724 7.40904572
-6.08768212]
...
[ 0. 0. 0. ... 4.63336268 -17.24650697
27.84570307]
[ 0. 0. 0. ... -2.61086332 14.61048049
-19.16756217]
[ 0. 0. 0. ... 4.46473656 -28.5544097
36.69015547]]
[06-24 17:40:25][INFO]
[[ 0.21422042 0. 0. ... -2.50905109
-9.23441937 8.36414461]
[ 0. 7.67364721 0. ... 19.48439551
82.37306869 -76.83343462]
[ 0. 0. -3.01391755 ... -4.57540171
-13.59752111 13.91425182]
...
[ 0. 0. 0. ... 25.82087516
82.34935269 -66.98701386]
[ 0. 0. 0. ... -28.14818326
-105.43246156 95.13436144]
[ 0. 0. 0. ... 38.14669573
129.77393026 -114.06617814]]
[06-24 17:40:25][INFO]
[[ 0.21422042 0. 0. ... -0.15073151
9.53226911 -5.01221723]
[ 0. 7.67364721 0. ... -3.21643562
-98.27226452 51.92542151]
[ 0. 0. -3.01391755 ... -1.46743676

```

```

11.13458503 -3.71409008]
...
[ 0. 0. 0. ... 6.49538339
-71.43620176 42.62695583]
[ 0. 0. 0. ... -1.02893373
110.37311138 -58.68571364]
[ 0. 0. 0. ... 3.46179613
-146.2364595 82.6661782 ]]
[06-24 17:40:25][INFO]
[[ 0.21422042 0. 0. ... -0.89888854 -5.18881192
0.18114316]
[ 0. 7.67364721 0. ... 4.25463985 48.73204618
0.06466728]
[ 0. 0. -3.01391755 ... -2.23663665 -4.00054528
1.62534024]
...
[ 0. 0. 0. ... 12.99364848 56.42664541
-2.48099821]
[ 0. 0. 0. ... -9.4104013 -54.54449205
-0.50543812]
[ 0. 0. 0. ... 12.9913909 41.27222205
16.51613401]]
[06-24 17:40:25][INFO]
[[ 2.14220423e-01 0.00000000e+00 0.00000000e+00 ... -6.20198129e-01
-1.87956445e+01 -6.49700153e+00]
[ 0.00000000e+00 7.67364721e+00 0.00000000e+00 ... 1.54754830e+00
1.80903591e+02 6.49335992e+01]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... -1.82117445e+00
-2.42851496e+01 -8.33021125e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.75451645e+00
2.14574634e+02 7.51370029e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.60583146e+00
-1.91475334e+02 -6.77102024e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.13323025e+01
1.22275864e+02 5.62721932e+01]]
[06-24 17:40:25][INFO]
[[ 0.21422042 0. 0. ... -0.99197514 2.85368329
2.769087 ]
[ 0. 7.67364721 0. ... 5.3551825 -40.82265633
-29.9670393 ]
[ 0. 0. -3.01391755 ... -2.3505661 6.54239762
4.86422989]
...
[ 0. 0. 0. ... 13.86817367 -24.9719533
-27.39088619]
[ 0. 0. 0. ... -10.49345434 34.90881548
29.18405646]
[ 0. 0. 0. ... 13.93491569 -29.27956982
-8.59476616]]
[06-24 17:40:25][INFO]
[[ 2.14220423e-01 0.00000000e+00 0.00000000e+00 ... -3.23472687e+01
3.19101490e+02 5.41561039e+01]
[ 0.00000000e+00 7.67364721e+00 0.00000000e+00 ... 3.59956518e+02

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-3.61731268e+03 -6.11109895e+02]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... -9.56531200e+01
 9.47586943e+02 1.57774293e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.50998599e+02
-3.42525131e+03 -5.79901320e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.65861074e+02
 2.61053290e+03 4.47696489e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.45302751e+02
-3.37143775e+03 -5.51661107e+02]]
[06-24 17:40:25][INFO]
[[ 2.14220423e-01 0.00000000e+00 0.00000000e+00 ... 1.64298820e+00
 2.01892659e+01 -2.37790016e+01]
[ 0.00000000e+00 7.67364721e+00 0.00000000e+00 ... -2.51188680e+01
-2.30938155e+02 2.71816379e+02]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... 4.92991668e+00
 6.30540832e+01 -7.28491355e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.36507726e+01
-2.18504305e+02 2.56190838e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.20270068e+01
 1.66769555e+02 -1.89463652e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.32982905e+01
-2.17880102e+02 2.70563040e+02]]
[06-24 17:40:25][INFO]
[[ 0.21422042 0. 0. ... 1.00728448 1.58626253
-4.99924211]
[ 0. 7.67364721 0. ... -18.11354668 -25.93696883
64.86737758]
[ 0. 0. -3.01391755 ... 3.00976575 6.86348212
-16.12464027]
...
[ 0. 0. 0. ... -6.77527621 -17.30226991
53.0770846 ]
[ 0. 0. 0. ... 6.99125518 19.4051458
-40.69906233]
[ 0. 0. 0. ... -6.64354501 -23.13804149
73.97064092]]
[06-24 17:40:25][INFO]
[[ 0.21422042 0. 0. ... -0.2844316 4.99939473
-2.64240955]
[ 0. 7.67364721 0. ... -2.66767187 -66.74997225
36.68522413]
[ 0. 0. -3.01391755 ... -1.38583045 18.4780708
-8.10454636]
...
[ 0. 0. 0. ... 9.92100255 -61.41924551
22.61347566]
[ 0. 0. 0. ... -1.62391038 42.16920323
-24.98004864]
[ 0. 0. 0. ... 8.26060122 -62.51962255
46.77691178]]
[06-24 17:40:25][INFO]
[[ 2.14220423e-01 0.00000000e+00 0.00000000e+00 ... 1.04424848e+01

```

```

8.32039417e+01 -7.66924797e+01]
[ 0.00000000e+00 7.67364721e+00 0.00000000e+00 ... -1.85301538e+02
-1.39824154e+03 1.29744368e+03]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... 6.22939017e+01
4.82734937e+02 -4.47698596e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.53902482e+02
-1.25577379e+03 1.15352007e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.05794926e+01
-3.87646264e+02 3.82002240e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.51792736e+01
-3.79217879e+02 3.46651139e+02]]
[06-24 17:40:25][INFO]
[[ 2.14220423e-01 0.00000000e+00 0.00000000e+00 ... -3.29426747e+01
-1.31636699e+02 1.19284595e+02]
[ 0.00000000e+00 7.67364721e+00 0.00000000e+00 ... 5.31256236e+02
2.15010847e+03 -1.93935199e+03]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... -1.83661034e+02
-7.35218774e+02 6.63315618e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.89743925e+02
1.93152362e+03 -1.75392435e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.32742927e+02
5.69674465e+02 -4.91263245e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.75463648e+02
6.63872912e+02 -6.04853573e+02]]
[06-24 17:40:25][INFO]
[[ 2.14220423e-01 0.00000000e+00 0.00000000e+00 ... 9.74562255e+00
1.47771188e+01 -3.47649032e+01]
[ 0.00000000e+00 7.67364721e+00 0.00000000e+00 ... -1.68043749e+02
-2.48375123e+02 5.84215798e+02]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... 5.48471478e+01
8.28249474e+01 -1.97390200e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.31623564e+02
-1.99664372e+02 4.88407999e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.39124665e+01
-7.05227457e+01 1.82321125e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.55534825e+01
-5.98810394e+01 1.56645135e+02]]
[06-24 17:40:25][INFO]
[[ 2.14220423e-01 0.00000000e+00 0.00000000e+00 ... 2.14565294e+03
3.12565461e+03 -7.56456069e+03]
[ 0.00000000e+00 7.67364721e+00 0.00000000e+00 ... -5.55866808e+04
-8.09637644e+04 1.95953657e+05]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... 5.93140462e+03
8.64183414e+03 -2.09142431e+04]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.78560439e+04
-8.42733498e+04 2.03986516e+05]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.04049265e+04
4.42917563e+04 -1.07195389e+05]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.17311070e+04
3.16425312e+04 -7.65781960e+04]]

```

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[06-24 17:40:25][INFO]
[[ 2.14220423e-01  0.00000000e+00  0.00000000e+00 ... -6.20915397e+01
-3.34318058e+01  1.07480434e+02]
[ 0.00000000e+00  7.67364721e+00  0.00000000e+00 ...  1.60176695e+03
8.67828914e+02 -2.77954161e+03]
[ 0.00000000e+00  0.00000000e+00 -3.01391755e+00 ... -1.73319406e+02
-9.34841543e+01  3.00029756e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.67763817e+03
9.14065701e+02 -2.89650976e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -8.79613356e+02
-4.73643715e+02  1.52021553e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -6.15070539e+02
-3.32865721e+02  1.07607736e+03]]
[06-24 17:40:25][INFO]
[[ 2.14220423e-01  0.00000000e+00  0.00000000e+00 ... -1.35807964e+03
-7.00620576e+02  2.32963267e+03]
[ 0.00000000e+00  7.67364721e+00  0.00000000e+00 ...  3.30320984e+04
1.70485055e+04 -5.66712259e+04]
[ 0.00000000e+00  0.00000000e+00 -3.01391755e+00 ... -4.12026431e+03
-2.12541433e+03  7.06761695e+03]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  7.52970063e+04
3.88141173e+04 -1.29127178e+05]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -3.07647272e+04
-1.58588255e+04  5.27624089e+04]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -5.76017923e+03
-2.98162365e+03  9.89808337e+03]]
[06-24 17:40:25][INFO]
[[ 2.14220423e-01  0.00000000e+00  0.00000000e+00 ...  1.83431108e+00
3.30744749e+00 -7.19420531e+00]
[ 0.00000000e+00  7.67364721e+00  0.00000000e+00 ... -3.59949378e+01
-6.84287672e+01  1.51788079e+02]
[ 0.00000000e+00  0.00000000e+00 -3.01391755e+00 ...  8.81305436e+00
1.19071367e+01 -2.76400525e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -4.34976532e+01
-1.84153279e+02  3.35215362e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.67333445e+01
7.96624552e+01 -1.48521800e+02]
[ 4.44089210e-16  0.00000000e+00  0.00000000e+00 ...  3.73865028e+01
4.96423945e+01 -1.14251368e+02]]
[06-24 17:40:25][INFO]
[[ 2.14220423e-01  0.00000000e+00  0.00000000e+00 ...  2.76796794e+00
2.39251411e+00 -7.15952636e-01]
[ 0.00000000e+00  7.67364721e+00  0.00000000e+00 ... -5.57596997e+01
-4.90603661e+01  1.46487010e+01]
[ 0.00000000e+00  0.00000000e+00 -3.01391755e+00 ...  1.24991684e+01
8.29494365e+00 -2.06365581e+00]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -8.91493343e+01
-1.39417093e+02  1.84575275e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  4.72907369e+01
5.95173189e+01 -5.88269170e+00]

```

```
[ 4.44089210e-16  0.00000000e+00  0.00000000e+00 ...  4.98491903e+01
 3.74296327e+01 -2.77780157e+01]]
[06-24 17:40:25][INFO]
[[ 2.14220423e-01  0.00000000e+00  0.00000000e+00 ... -5.87608272e+00
-4.67423126e+00  9.83612191e-01]
[ 0.00000000e+00  7.67364721e+00  0.00000000e+00 ...  1.36488785e+02
 1.08107974e+02 -2.31505642e+01]
[ 0.00000000e+00  0.00000000e+00 -3.01391755e+00 ... -6.59585867e+00
-7.31575780e+00  1.69074565e+00]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  4.06808493e+02
 2.66041854e+02 -7.90560702e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.72502060e+02
-1.20169241e+02  3.73322455e+01]
[ 4.44089210e-16  0.00000000e+00  0.00000000e+00 ... -1.01067394e+02
-8.59487593e+01  1.89470697e+00]]
[06-24 17:40:25][INFO]
[[ 2.14220423e-01  0.00000000e+00  0.00000000e+00 ... -1.31621370e+02
-6.66753402e+01  1.24052158e+01]
[ 0.00000000e+00  7.67364721e+00  0.00000000e+00 ...  2.10542235e+03
 1.07892817e+03 -2.01991291e+02]
[ 0.00000000e+00  0.00000000e+00 -3.01391755e+00 ... -5.77584287e+02
-2.88852477e+02  5.35543470e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  3.90232890e+03
 1.98957477e+03 -3.96558612e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.68995408e+03
-1.36144691e+03  2.65995597e+02]
[ 4.44089210e-16  0.00000000e+00  0.00000000e+00 ... -2.07143675e+03
-1.05747690e+03  1.80865849e+02]]
[06-24 17:40:25][INFO]
[[ 2.14220423e-01  0.00000000e+00  0.00000000e+00 ... -6.90251202e-02
 1.55516846e+00 -5.97412551e+00]
[ 0.00000000e+00  7.67364721e+00  0.00000000e+00 ... -9.22309918e+00
-1.78469184e+01  9.34484470e+01]
[ 0.00000000e+00  0.00000000e+00 -3.01391755e+00 ... -3.33966429e+00
 8.98335876e+00 -2.66740813e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.13940891e+01
-4.54905549e+01  1.51629593e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.53980357e+01
 2.57295756e+01 -1.07669944e+02]
[ 4.44089210e-16  0.00000000e+00  0.00000000e+00 ...  2.56398672e+01
 3.01859953e+01 -1.12119326e+02]]
[06-24 17:40:25][INFO]
[[ 2.14220423e-01  0.00000000e+00  0.00000000e+00 ...  2.87914560e+00
 2.05114934e-01 -1.07789745e+01]
[ 0.00000000e+00  7.67364721e+00  0.00000000e+00 ... -5.10972338e+01
 1.32847150e+00  1.61693781e+02]
[ 0.00000000e+00  0.00000000e+00 -3.01391755e+00 ...  8.23127829e+00
 3.68468603e+00 -4.55320910e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -6.82657979e+01
-2.40266297e+01  2.28019838e+02]]
```

```

[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.11570016e+01
 4.41066353e+00 -1.83544086e+02]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 8.26707769e+01
 4.06987518e+00 -2.05066763e+02]]
[06-24 17:40:25][INFO]
[[ 2.14220423e-01 0.00000000e+00 0.00000000e+00 ... 3.01553750e+00
 -1.53867006e+00 1.55579197e+00]
[ 0.00000000e+00 7.67364721e+00 0.00000000e+00 ... -5.31895281e+01
 2.80786765e+01 -2.75253793e+01]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... 8.72408016e+00
 -2.61583853e+00 -9.64957118e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.04885448e+01
 4.39142678e+00 2.70030313e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.34393051e+01
 -2.47688292e+01 2.28587848e+01]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 8.55094686e+01
 -3.22231006e+01 5.16537525e+01]]
[06-24 17:40:25][INFO]
[[ 2.14220423e-01 0.00000000e+00 0.00000000e+00 ... -8.22094663e+00
 -4.22891581e+00 7.14173835e+00]
[ 0.00000000e+00 7.67364721e+00 0.00000000e+00 ... 1.39140324e+02
 7.41264046e+01 -1.23137515e+02]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... -2.00730728e+01
 -9.51047012e+00 1.33508512e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.21503141e+01
 2.65710778e+01 -1.90501374e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.22347299e+02
 -6.20673512e+01 1.00304328e+02]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -2.06440301e+02
 -1.02121889e+02 1.96789521e+02]]
[06-24 17:40:25][INFO]
[[ 2.14220423e-01 0.00000000e+00 0.00000000e+00 ... -8.36331428e+00
 -5.66710867e+00 1.00106659e+01]
[ 0.00000000e+00 7.67364721e+00 0.00000000e+00 ... 1.41591682e+02
 9.88899380e+01 -1.72536163e+02]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... -2.04119339e+01
 -1.29336326e+01 2.01794243e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.29588842e+01
 3.47392238e+01 -3.53440713e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.24331734e+02
 -8.21140369e+01 1.40293742e+02]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -2.10187295e+02
 -1.39973892e+02 2.72297235e+02]]
[06-24 17:40:25][INFO]
[[ 2.14220423e-01 0.00000000e+00 0.00000000e+00 ... -1.37075590e+01
 3.69214203e+00 1.37242616e+01]
[ 0.00000000e+00 7.67364721e+00 0.00000000e+00 ... 2.33309308e+02
 -6.17329935e+01 -2.36268682e+02]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... -3.28633820e+01
 8.87229705e+00 2.88316559e+01]
...

```

```

[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.32389581e+01
-7.76794961e-01 -4.94362393e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.02471296e+02
5.47299493e+01 1.94591169e+02]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -3.44427401e+02
9.51176623e+01 3.65577670e+02]]
[06-24 17:40:25][INFO]
[[ 2.14220423e-01 0.00000000e+00 0.00000000e+00 ... -9.89513049e-01
3.46366025e+00 -8.16615229e-01]
[ 0.00000000e+00 7.67364721e+00 0.00000000e+00 ... 1.25869672e+01
-5.77676805e+01 1.60889821e+01]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... -4.59874341e+00
8.36451819e+00 -3.48404957e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.70291141e+01
1.65234269e+01 -9.30395627e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.78690933e+01
5.14135405e+01 -1.64693900e+01]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -2.30125602e+01
8.93433921e+01 -1.90437979e+00]]
[06-24 17:40:25][INFO]
[[ 2.14220423e-01 0.00000000e+00 0.00000000e+00 ... 3.14225577e+00
-5.45413837e-01 1.44080088e+00]
[ 0.00000000e+00 7.67364721e+00 0.00000000e+00 ... -6.34433305e+01
1.60048632e+01 -2.54506165e+01]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... 4.01773497e+00
3.91002195e-03 1.22361387e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.46152853e+01
9.09927822e+00 -3.08600879e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.97340530e+01
-1.41820999e+01 2.04659850e+01]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 6.51898016e+01
3.76023913e+00 4.62854973e+01]]
[06-24 17:40:25][INFO]
[[ 2.14220423e-01 0.00000000e+00 0.00000000e+00 ... 5.92288200e-01
4.00674821e-01 -5.67765689e-01]
[ 0.00000000e+00 7.67364721e+00 0.00000000e+00 ... -2.49150610e+01
1.71010937e+00 4.89745330e+00]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... -1.54881645e+00
2.06921125e+00 -3.16106504e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.52006531e+01
-5.52433380e+00 1.86154857e-01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.23610258e+01
-3.15963908e-01 -8.97211989e+00]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 9.53699656e+00
2.44085361e+01 2.44871896e+00]]
[06-24 17:40:25][INFO]
[[ 2.14220423e-01 0.00000000e+00 0.00000000e+00 ... -1.63772145e+00
-2.46819373e+00 3.92238919e-01]
[ 0.00000000e+00 7.67364721e+00 0.00000000e+00 ... 5.42991566e+01
1.03617820e+02 -2.92037506e+01]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... -5.04569884e+00

```

```

-2.42946701e+00 -1.65567998e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.15762383e+00
 8.68233095e+00 -4.56779722e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.20048444e+01
-7.02567084e+01 1.44320325e+01]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -3.01579475e+01
-2.66583176e+01 1.95371334e+01]]
[06-24 17:40:25][INFO]
[[ 2.14220423e-01 0.00000000e+00 0.00000000e+00 ... -1.04017652e+01
-3.30437621e+01 8.70435901e+00]
[ 0.00000000e+00 7.67364721e+00 0.00000000e+00 ... 4.05113684e+02
1.32752243e+03 -3.61928298e+02]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... -3.82200091e+01
-1.18166383e+02 2.98079753e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.50154127e+01
2.15122335e+02 -6.06895375e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.62032987e+02
-4.89005039e+02 1.28270846e+02]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -3.36202914e+02
-1.09437307e+03 3.09800692e+02]]
[06-24 17:40:25][INFO]
[[ 2.14220423e-01 0.00000000e+00 0.00000000e+00 ... 6.38707752e+00
8.44377562e+00 -4.85744199e+00]
[ 0.00000000e+00 7.67364721e+00 0.00000000e+00 ... -2.76815795e+02
-3.57619030e+02 1.88925150e+02]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... 2.36635033e+01
3.47562813e+01 -2.01806925e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.18072661e+01
-7.35625599e+01 3.36782489e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.68368591e+01
7.65638059e+01 -5.66071334e+01]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 2.39401345e+02
3.28024162e+02 -1.55164676e+02]]
[06-24 17:40:25][INFO]
[[ 2.14220423e-01 0.00000000e+00 0.00000000e+00 ... -4.92138903e-01
5.63408450e-01 9.68874902e-01]
[ 0.00000000e+00 7.67364721e+00 0.00000000e+00 ... 3.25856504e+01
-3.18956563e+00 -7.31208092e+01]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... -4.69599570e+00
2.26954868e+00 3.83823903e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.14551797e+00
3.13404174e+00 -2.30270664e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.60006923e+01
-2.00226811e+01 -8.54334469e+01]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -2.15950227e+01
2.90442951e+01 6.58848524e+01]]
[06-24 17:40:25][INFO]
[[ 2.14220423e-01 0.00000000e+00 0.00000000e+00 ... -5.50434518e+00
-4.71211757e+00 8.33879800e+00]
[ 0.00000000e+00 7.67364721e+00 0.00000000e+00 ... 2.73984767e+02

```

```

2.50891621e+02 -4.28072865e+02]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... -2.80970006e+01
-2.23608443e+01 3.82469598e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.52732514e+01
2.43191996e+01 -5.26227852e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.26014669e+02
2.74702024e+02 -4.97164600e+02]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -2.20230976e+02
-1.80027136e+02 3.57958166e+02]]
[06-24 17:40:25][INFO]
[[ 2.14220423e-01 0.00000000e+00 0.00000000e+00 ... 4.91518408e+01
4.49221244e+01 -6.96381998e+01]
[ 0.00000000e+00 7.67364721e+00 0.00000000e+00 ... -2.00550293e+03
-1.81915118e+03 2.82403125e+03]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... 2.34741371e+02
2.16327295e+02 -3.36739819e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.62427092e+02
-6.91005310e+02 1.07117513e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.91526638e+03
-2.66876220e+03 4.12711280e+03]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 2.43627865e+03
2.23239589e+03 -3.43203635e+03]]
[06-24 17:40:25][INFO]
[[ 2.14220423e-01 0.00000000e+00 0.00000000e+00 ... -5.24837194e+00
-3.81602916e+00 4.95559644e+00]
[ 0.00000000e+00 7.67364721e+00 0.00000000e+00 ... 1.76026471e+02
1.35321239e+02 -1.67290873e+02]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... -2.35732989e+01
-1.51015802e+01 1.74623225e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.19160028e+01
2.96204979e+01 -3.17434398e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.75324789e+02
1.89747256e+02 -2.47838987e+02]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -2.70036851e+02
-1.92242063e+02 2.78874633e+02]]
[06-24 17:40:25][INFO]
[[ 2.14220423e-01 0.00000000e+00 0.00000000e+00 ... -1.19395974e+01
1.83296496e+01 1.25597275e+00]
[ 0.00000000e+00 7.67364721e+00 0.00000000e+00 ... 4.10460438e+02
-6.40575390e+02 -3.76707528e+01]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... -5.27564475e+01
8.14847079e+01 1.32676293e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.11882780e+02
-2.01945718e+02 6.94166289e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.28527521e+02
-9.79233560e+02 -5.25508152e+01]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -6.17956081e+02
9.59252162e+02 8.65077444e+01]]
[06-24 17:40:25][INFO]
[[ 2.14220423e-01 0.00000000e+00 0.00000000e+00 ... 3.32217198e+00

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-9.21747595e+00 2.20287503e+00]
[ 0.00000000e+00 7.67364721e+00 0.00000000e+00 ... -1.02634618e+02
 2.85548805e+02 -6.95052578e+01]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... 7.00711483e+00
-2.63870800e+01 5.03473750e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.89383288e+01
-1.98441230e+01 1.65909423e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.31888844e+02
3.93299631e+02 -9.97301405e+01]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 1.81755511e+02
-4.84207965e+02 1.36125105e+02]]
[06-24 17:40:25][INFO]
[[ 2.14220423e-01 0.00000000e+00 0.00000000e+00 ... 2.08119844e+00
7.56064921e-01 1.15009340e+00]
[ 0.00000000e+00 7.67364721e+00 0.00000000e+00 ... -6.28105134e+01
-3.45122809e+01 -3.57204229e+01]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... 3.28740991e+00
3.50769862e+00 1.87912065e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.52606027e+01
3.09671597e+01 1.12274324e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.40954381e+01
-7.11783609e+01 -5.07010242e+01]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 1.10010382e+02
9.23981848e+01 7.52600257e+01]]
[06-24 17:40:25][INFO]
[[ 2.14220423e-01 0.00000000e+00 0.00000000e+00 ... 7.42359580e-01
2.39735739e+00 1.74515928e+00]
[ 0.00000000e+00 7.67364721e+00 0.00000000e+00 ... -1.96355566e+01
-8.74407797e+01 -5.49101436e+01]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... 2.57426564e+00
4.38194746e+00 2.19608772e+00]
...
[ 0.00000000e+00 0.00000000e+00 3.55271368e-15 ... 3.47230885e+01
1.30561242e+02 1.18574269e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 8.01454147e+00
-1.71837592e+02 -8.71959669e+01]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 8.86172374e+00
2.16397073e+02 1.20216979e+02]]
[06-24 17:40:25][INFO]
[[ 2.14220423e-01 0.00000000e+00 0.00000000e+00 ... -1.02219070e+00
-1.64459536e-01 -2.41593006e-01]
[ 0.00000000e+00 7.67364721e+00 0.00000000e+00 ... 3.38603298e+01
-9.77415318e+00 5.32224327e+00]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... -2.54618732e+00
-3.05205044e+00 -3.56916124e+00]
...
[ 0.00000000e+00 0.00000000e+00 3.55271368e-15 ... -7.47619333e+01
-2.83917708e+01 -4.69771779e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.06199644e+01
-5.19090340e+01 5.81159168e+00]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -9.72193242e+01
6.23860328e+01 7.77613486e-01]]

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[06-24 17:40:25][INFO]
[[ 2.14220423e-01  0.00000000e+00  0.00000000e+00 ...  5.27322468e+00
   8.81480228e-01 -2.52788480e-01]
 [ 0.00000000e+00  7.67364721e+00  0.00000000e+00 ... -9.84568374e+01
 -3.17577362e+01  5.55754996e+00]
 [ 0.00000000e+00  0.00000000e+00 -3.01391755e+00 ... -3.38261111e+00
 -3.19101647e+00 -3.56767379e+00]
 ...
 [ 0.00000000e+00  0.00000000e+00  3.55271368e-15 ...  4.84025979e+02
  6.44469796e+01 -5.69144022e+00]
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.49775074e+01
 -6.28150747e+01  5.92832718e+00]
 [ 4.44089210e-16  0.00000000e+00  0.00000000e+00 ...  1.23531010e+02
  9.90621755e+01  3.85041360e-01]]
[06-24 17:40:25][INFO]
[[ 2.14220423e-01  0.00000000e+00  0.00000000e+00 ...  8.10324513e+00
 -6.23564088e+00  4.18907331e-01]
 [ 0.00000000e+00  7.67364721e+00  0.00000000e+00 ... -1.60480951e+02
  1.24224574e+02 -9.16366427e+00]
 [ 0.00000000e+00  0.00000000e+00 -3.01391755e+00 ... -7.25552524e+00
  6.54884211e+00 -4.48689690e+00]
 ...
 [ 0.00000000e+00  0.00000000e+00  3.55271368e-15 ...  7.45855356e+02
 -5.94018717e+02  5.64528795e+01]
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.02351007e+02
 -6.95885139e+01  1.13172367e+01]
 [ 4.44089210e-16  0.00000000e+00  0.00000000e+00 ...  2.29417425e+02
 -1.67227930e+02  2.55168250e+01]]
[06-24 17:40:25][INFO]
[[ 2.14220423e-01  0.00000000e+00  0.00000000e+00 ...  4.00289513e+00
 -2.38717698e+00  9.23041252e-02]
 [ 0.00000000e+00  7.67364721e+00  0.00000000e+00 ...  1.24626559e+02
 -1.43368671e+02  1.35458671e+01]
 [ 0.00000000e+00  0.00000000e+00 -3.01391755e+00 ...  5.21618548e+02
 -4.89836292e+02  3.76392553e+01]
 ...
 [ 0.00000000e+00  0.00000000e+00  3.55271368e-15 ... -3.79552197e+03
  3.66838003e+03 -3.05279264e+02]
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -4.55462245e+03
  4.30130526e+03 -3.59622430e+02]
 [ 4.44089210e-16  0.00000000e+00  0.00000000e+00 ... -3.39622302e+03
  3.23568802e+03 -2.63274570e+02]]
[06-24 17:40:25][INFO]
[[ 2.14220423e-01  0.00000000e+00  0.00000000e+00 ...  2.23183323e-02
  2.46606591e+00 -3.71029141e-01]
 [ 0.00000000e+00  7.67364721e+00  0.00000000e+00 ...  6.14843012e+00
  1.08354466e+00 -2.44812305e-01]
 [ 0.00000000e+00  0.00000000e+00 -3.01391755e+00 ... -1.52758367e+01
  1.64762021e+02 -2.48544589e+01]
 ...
 [ 0.00000000e+00  0.00000000e+00  3.55271368e-15 ...  9.61700501e+01
 -1.07649177e+03  1.47707945e+02]
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.77898016e+02
 -1.46873071e+03  1.91235969e+02]

```

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[ 4.44089210e-16  0.00000000e+00  0.00000000e+00 ... 1.32364154e+02
-1.06647508e+03  1.47447771e+02]]
[06-24 17:40:25][INFO]
[[ 2.14220423e-01  0.00000000e+00  0.00000000e+00 ... 1.64637917e+00
-2.73453460e+00  3.52281934e-01]
[ 0.00000000e+00  7.67364721e+00  0.00000000e+00 ... 3.27629881e+00
1.02807417e+01 -1.52397890e+00]
[ 0.00000000e+00  0.00000000e+00 -3.01391755e+00 ... 6.51987939e+01
-9.29354708e+01  1.09866808e+01]
...
[ 0.00000000e+00  0.00000000e+00  3.55271368e-15 ... -4.19716117e+02
5.75489364e+02 -8.20532618e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -5.51992379e+02
8.68539093e+02 -1.33836708e+02]
[ 4.44089210e-16  0.00000000e+00  0.00000000e+00 ... -3.82204772e+02
5.81287951e+02 -8.17267726e+01]]
[06-24 17:40:25][INFO]
[[ 2.14220423e-01  0.00000000e+00  0.00000000e+00 ... -2.29958859e+02
2.44778013e+02 -5.42401697e+01]
[ 0.00000000e+00  7.67364721e+00  0.00000000e+00 ... 3.15821386e+03
-3.36134693e+03  7.42136991e+02]
[ 0.00000000e+00  0.00000000e+00 -3.01391755e+00 ... -4.33722044e+03
4.61185448e+03 -1.02672240e+03]
...
[ 0.00000000e+00  0.00000000e+00  3.55271368e-15 ... 2.16702644e+04
-2.30316940e+04  5.12485052e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 4.80359571e+04
-5.10565695e+04  1.13189927e+04]
[ 4.44089210e-16  0.00000000e+00  0.00000000e+00 ... 2.83334102e+04
-3.01065974e+04  6.68692764e+03]]
[06-24 17:40:25][INFO]
[[ 2.14220423e-01  0.00000000e+00  0.00000000e+00 ... -2.47626736e-01
8.35031679e-01 -3.03942916e-01]
[ 0.00000000e+00  7.67364721e+00  0.00000000e+00 ... 4.53186474e+00
-1.22787232e+01  1.65205491e+00]
[ 0.00000000e+00  0.00000000e+00 -3.01391755e+00 ... 5.60239281e-01
5.32680706e+00 -8.21094161e+00]
...
[ 0.00000000e+00  0.00000000e+00  3.55271368e-15 ... -3.46771092e+01
1.79760606e+01  2.85274816e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 5.29624433e+01
-1.00790634e+02  5.25793991e+01]
[ 4.44089210e-16  0.00000000e+00  0.00000000e+00 ... 3.57418799e+01
-5.57484057e+01  4.26315084e+01]]
[06-24 17:40:25][INFO]
[[ 2.14220423e-01  0.00000000e+00  0.00000000e+00 ... -6.79648696e-01
1.05898498e+00  5.14644063e-02]
[ 0.00000000e+00  7.67364721e+00  0.00000000e+00 ... 9.83790070e+00
-1.50292876e+01 -2.71301031e+00]
[ 0.00000000e+00  0.00000000e+00 -3.01391755e+00 ... -8.47210982e+00
1.00090328e+01 -7.80386446e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 1.39234225e+02
-1.32053727e+02 -5.06236893e+01]
```

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[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.46550397e+02
-1.49305137e+02 -2.44116966e+01]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 1.09215835e+02
-9.38361326e+01 -1.78125987e+01]]
[06-24 17:40:25][INFO]
[[ 2.14220423e-01 0.00000000e+00 0.00000000e+00 ... 1.53510121e+01
-1.41449529e+01 -5.77706799e+00]
[ 0.00000000e+00 7.67364721e+00 0.00000000e+00 ... -6.53913037e+02
6.14491113e+02 2.38617893e+02]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... -1.10922903e+02
1.07176299e+02 3.64693423e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.86355605e+02
7.37207306e+02 2.71499169e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.06385602e+03
9.98678978e+02 4.15675778e+02]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 1.41520509e+03
-1.33247375e+03 -4.92652706e+02]]
[06-24 17:40:25][INFO]
[[ 2.14220423e-01 0.00000000e+00 0.00000000e+00 ... -3.73392288e-01
9.70419366e-01 -5.22775383e-01]
[ 0.00000000e+00 7.67364721e+00 0.00000000e+00 ... 2.06874707e+01
-3.39810031e+01 1.32008674e+01]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... 8.36000811e+00
-7.48658750e+00 -3.38891254e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.77790888e+00
-2.23230319e+01 7.47691588e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.25870907e+01
-6.49097647e+01 4.59590165e+01]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -7.85751204e+01
1.03449888e+02 6.49232566e+00]]
[06-24 17:40:25][INFO]
[[ 2.14220423e-01 0.00000000e+00 0.00000000e+00 ... -5.06826139e+01
6.72061861e+01 3.63406013e+00]
[ 0.00000000e+00 7.67364721e+00 0.00000000e+00 ... 6.35831130e+02
-8.43862583e+02 -3.76258185e+01]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... -9.65411685e+01
1.30623477e+02 5.27862239e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.74273555e+02
-6.41764931e+02 -3.13981242e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.69962021e+03
-3.56308803e+03 -1.73580250e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.46343242e+03
-1.93945514e+03 -1.09947239e+02]]
[06-24 17:40:25][INFO]
[[ 2.14220423e-01 0.00000000e+00 0.00000000e+00 ... -3.34247884e+00
3.14771546e+00 5.00021919e-01]
[ 0.00000000e+00 7.67364721e+00 0.00000000e+00 ... 1.14907822e+01
9.65758501e-01 3.70711175e+00]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... -3.33645494e+00
4.50319072e+00 -8.91768392e-01]
...
```

```

[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.74273555e+02
-6.41764931e+02 -3.13981242e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.80788533e+02
-1.54722073e+02 -6.82714092e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.92483899e+01
-2.58470411e+01 -1.63246338e+01]]
[06-24 17:40:25][INFO]
[[ 2.14220423e-01 0.00000000e+00 0.00000000e+00 ... 4.44089210e-16
1.39348170e+00 -6.07927865e-01]
[ 0.00000000e+00 7.67364721e+00 0.00000000e+00 ... 0.00000000e+00
6.99646773e+00 7.51602432e+00]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... 0.00000000e+00
2.75211849e+00 -1.99772140e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.68434189e-14
-3.92851859e+02 1.25811931e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.92483899e+01
-2.58470411e+01 -1.63246338e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 0.00000000e+00
-5.98387955e+01 5.30998251e+01]]
[06-24 17:40:25][INFO]
[[ 2.14220423e-01 0.00000000e+00 0.00000000e+00 ... 4.44089210e-16
0.00000000e+00 6.28621670e-01]
[ 0.00000000e+00 7.67364721e+00 0.00000000e+00 ... 0.00000000e+00
0.00000000e+00 1.37245586e+01]
[ 0.00000000e+00 0.00000000e+00 -3.01391755e+00 ... 0.00000000e+00
0.00000000e+00 4.44456937e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.68434189e-14
0.00000000e+00 -2.22797442e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.92483899e+01
0.00000000e+00 -3.92608134e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 0.00000000e+00
-5.98387955e+01 5.30998251e+01]]
n = 57: 0.238860 segundos
[06-24 17:40:25][INFO]
[[ -7.57731060e-02 3.56353349e+00 2.31922536e-01 ... 2.33031781e+00
1.10258455e+00 -3.30003703e+00]
[ 0.00000000e+00 -6.66797915e+01 -5.06148535e+00 ... -4.61325938e+01
-1.86495931e+01 6.32349826e+01]
[ 0.00000000e+00 -7.29114729e+01 -2.22789133e+00 ... -4.57653477e+01
-2.69923615e+01 6.92831236e+01]
...
[ 0.00000000e+00 -1.78209944e+02 -1.11657234e+01 ... -1.18017174e+02
-5.42597978e+01 1.73366674e+02]
[ 0.00000000e+00 -3.50499216e+01 -3.87477495e+00 ... -2.51998733e+01
-9.07949203e+00 3.12552083e+01]
[ 0.00000000e+00 -8.06242096e+01 -9.79955027e+00 ... -5.17503904e+01
-2.88067640e+01 7.41757970e+01]]
[06-24 17:40:25][INFO]
[[ -7.57731060e-02 0.00000000e+00 -9.58706621e-01 ... -8.90619545e-01
1.34644586e+00 2.19570273e+00]
[ 0.00000000e+00 1.02802339e+01 3.43477796e+00 ... 9.29189795e+00
-7.03501533e-01 -1.58543453e+01]]

```

```

[ 0.00000000e+00 0.00000000e+00 2.21329084e+01 ... 2.01364566e+01
-3.19818718e+01 -4.31621451e+01]
...
[ 0.00000000e+00 -2.84217094e-14 4.83768503e+01 ... 4.30597647e+01
-6.64551398e+01 -1.01471623e+02]
[ 0.00000000e+00 0.00000000e+00 7.83592141e+00 ... 6.48036835e+00
-1.14780438e+01 -2.27993554e+01]
[ 0.00000000e+00 0.00000000e+00 1.71381887e+01 ... 2.11226524e+01
-3.43240757e+01 -5.01641807e+01]]
[06-24 17:40:25][INFO]
[[-7.57731060e-02 0.00000000e+00 0.00000000e+00 ... 3.71091440e-01
-1.79988316e+00 -2.94503214e+00]
[ 0.00000000e+00 1.02802339e+01 0.00000000e+00 ... 4.77154002e+00
1.05689162e+01 2.56347140e+00]
[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -2.21022242e+00
5.51163223e+00 9.00536462e+00]
...
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... -2.06068483e+01
9.23103097e+01 1.57932616e+02]
[ 0.00000000e+00 0.00000000e+00 8.88178420e-16 ... -3.83213801e+00
1.42382560e+01 1.92180810e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.43215262e+00
2.19208475e+01 4.17334678e+01]]
[06-24 17:40:25][INFO]
[[-7.57731060e-02 0.00000000e+00 0.00000000e+00 ... 2.68322093e+00
-2.15984751e+00 -6.18901876e-01]
[ 0.00000000e+00 1.02802339e+01 0.00000000e+00 ... 2.06771340e+00
1.09898620e+01 -1.56727864e-01]
[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -6.57257866e+00
6.19078656e+00 4.61659274e+00]
...
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... -1.34621816e+02
1.10060754e+02 4.32272466e+01]
[ 0.00000000e+00 0.00000000e+00 8.88178420e-16 ... -1.96080121e+01
1.66943262e+01 3.34667827e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.67883898e+01
2.74252906e+01 6.16313584e+00]]
[06-24 17:40:25][INFO]
[[-7.57731060e-02 0.00000000e+00 0.00000000e+00 ... 3.20561070e+00
-2.20546980e+00 -7.21573245e+00]
[ 0.00000000e+00 1.02802339e+01 0.00000000e+00 ... 3.16761484e-01
1.11427793e+01 2.19546032e+01]
[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -7.77995587e+00
6.29623140e+00 1.98635661e+01]
...
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... -1.59908462e+02
1.12269132e+02 3.62551494e+02]
[ 0.00000000e+00 0.00000000e+00 8.88178420e-16 ... -2.28290319e+01
1.69756301e+01 4.40222869e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.33108292e+01
2.79949200e+01 8.85296566e+01]]
[06-24 17:40:25][INFO]
[[-7.57731060e-02 0.00000000e+00 0.00000000e+00 ... -1.72177619e+01
7.34605451e+00 1.90065613e+01]

```

```
[ 0.00000000e+00  1.02802339e+01  0.00000000e+00 ...  1.49370096e+02
-5.85659105e+01 -1.69420269e+02]
[ 0.00000000e+00  0.00000000e+00 -1.67942967e+00 ...  5.61054521e+01
-2.35814504e+01 -6.21611794e+01]
...
[ 0.00000000e+00 -2.84217094e-14  0.00000000e+00 ...  8.18396245e+02
-3.45260649e+02 -8.93528682e+02]
[ 0.00000000e+00  0.00000000e+00  8.88178420e-16 ...  1.25987374e+02
-5.26222542e+01 -1.47048385e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.65816832e+02
-6.98091002e+01 -1.79976779e+02]]
[06-24 17:40:25][INFO]
[[-7.57731060e-02  0.00000000e+00  0.00000000e+00 ...  4.76676469e-01
-4.45371086e-02 -1.64581433e+00]
[ 0.00000000e+00  1.02802339e+01  0.00000000e+00 ... -6.94013537e-01
 4.11268518e+00  5.72970159e+00]
[ 0.00000000e+00  0.00000000e+00 -1.67942967e+00 ... -5.91008500e+00
 2.32112416e+00  1.02213481e+01]
...
[ 0.00000000e+00 -2.84217094e-14  0.00000000e+00 ... -1.37289291e+01
 2.30038795e+00  7.77008850e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.76395693e+01
 1.92117021e+00  5.86022104e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.79497937e+01
-8.04817422e+00 -7.39115830e+00]]
[06-24 17:40:25][INFO]
[[-7.57731060e-02  0.00000000e+00  0.00000000e+00 ... -3.93865983e+01
 3.51624361e+01  2.99507368e+00]
[ 0.00000000e+00  1.02802339e+01  0.00000000e+00 ...  2.81674353e+02
-2.45273136e+02 -2.71436630e+01]
[ 0.00000000e+00  0.00000000e+00 -1.67942967e+00 ...  2.08304462e+02
-1.86871708e+02 -1.47175394e+01]
...
[ 0.00000000e+00 -2.84217094e-14  0.00000000e+00 ...  1.90908583e+03
-1.69591653e+03 -1.46153478e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.40732283e+03
-1.25659593e+03 -1.07292111e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -4.16565672e+01
 4.45957585e+01 -4.51777451e-01]]
[06-24 17:40:25][INFO]
[[-7.57731060e-02  0.00000000e+00  0.00000000e+00 ... -7.13585531e+00
 6.36155115e-01  3.34484226e+00]
[ 0.00000000e+00  1.02802339e+01  0.00000000e+00 ... -2.12248547e+01
 7.89979407e+01 -3.04286920e+01]
[ 0.00000000e+00  0.00000000e+00 -1.67942967e+00 ...  5.30713619e+01
-2.06857176e+01 -1.64010870e+01]
...
[ 0.00000000e+00 -2.84217094e-14  0.00000000e+00 ...  3.97344190e+02
-7.75098904e+01 -1.62548750e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.42479767e+02
-9.56422922e+00 -1.19925169e+02]
[ 0.00000000e+00  2.84217094e-14  7.10542736e-15 ...  4.39615288e+02
-6.72072375e+01 -1.88052839e+02]]
[06-24 17:40:25][INFO]
```

```
[[ -7.57731060e-02  0.00000000e+00  0.00000000e+00 ... -6.61154966e+01
   3.76652988e+01  1.29779516e+01]
[  0.00000000e+00  1.02802339e+01  0.00000000e+00 ...  1.05782585e+03
 -5.98461649e+02 -2.06669394e+02]
[  0.00000000e+00  0.00000000e+00 -1.67942967e+00 ...  2.21187320e+02
 -1.26233833e+02 -4.38593653e+01]
...
[  0.00000000e+00 -2.84217094e-14  0.00000000e+00 ...  2.89897925e+03
 -1.64810954e+03 -5.71139298e+02]
[  0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.50819849e+03
 -1.43204870e+03 -4.89983644e+02]
[  0.00000000e+00  2.84217094e-14  7.10542736e-15 ...  3.36591496e+03
 -1.90442375e+03 -6.66003603e+02]]
[06-24 17:40:25][INFO]
[[ -7.57731060e-02  0.00000000e+00  0.00000000e+00 ...  1.40214605e+02
 -6.61178028e+01 -2.80081794e+01]
[  0.00000000e+00  1.02802339e+01  0.00000000e+00 ... -1.99694592e+03
  9.38074640e+02  4.00141124e+02]
[  0.00000000e+00  0.00000000e+00 -1.67942967e+00 ... -5.47918824e+02
  2.60623055e+02  1.08918561e+02]
...
[  0.00000000e+00 -2.84217094e-14  0.00000000e+00 ... -6.38940104e+03
  3.02390344e+03  1.27393695e+03]
[  0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -5.28357379e+03
  2.48717727e+03  1.05780117e+03]
[  0.00000000e+00  2.84217094e-14  7.10542736e-15 ... -7.27525748e+03
  3.44803752e+03  1.44779600e+03]]
[06-24 17:40:25][INFO]
[[ -7.57731060e-02  0.00000000e+00  0.00000000e+00 ...  1.54651421e+01
 -3.58780357e+00 -2.68467738e+00]
[  0.00000000e+00  1.02802339e+01  0.00000000e+00 ... -2.40204522e+02
  5.75174370e+01  4.35316178e+01]
[  0.00000000e+00  0.00000000e+00 -1.67942967e+00 ... -5.29052254e+01
  1.25001441e+01  8.43333634e+00]
...
[  0.00000000e+00 -2.84217094e-14  0.00000000e+00 ... -6.83514935e+02
  1.63858640e+02  1.15671300e+02]
[  0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -5.92133278e+02
  1.35617876e+02  1.05462780e+02]
[  0.00000000e+00  2.84217094e-14  7.10542736e-15 ... -7.87282496e+02
  1.95974865e+02  1.30770311e+02]]
[06-24 17:40:26][INFO]
[[ -7.57731060e-02  0.00000000e+00  0.00000000e+00 ... -1.05515947e+00
 -1.52645516e+00 -5.16536300e-01]
[  0.00000000e+00  1.02802339e+01  0.00000000e+00 ...  7.07500564e+00
  2.66627181e+01  1.10784027e+01]
[  0.00000000e+00  0.00000000e+00 -1.67942967e+00 ...  5.56546541e+00
  5.20436529e+00  7.59583795e-01]
...
[  0.00000000e+00 -2.84217094e-14  0.00000000e+00 ...  4.80346236e+01
  7.25783141e+01  1.96619971e+01]
[  0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.50184356e+01
  5.98594997e+01  2.57795756e+01]
[  0.00000000e+00  2.84217094e-14  7.10542736e-15 ...  8.30864009e+01
```



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8.73731223e+01 1.65422175e+01]]
[06-24 17:40:26][INFO]
[[-7.57731060e-02 0.00000000e+00 0.00000000e+00 ... 2.39141774e+00
 2.31147021e+01 1.28973335e+01]
[ 0.00000000e+00 1.02802339e+01 0.00000000e+00 ... -2.58873270e+00
-4.24277684e+01 -2.65322816e+01]
[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -1.44502196e+01
-1.37896924e+02 -7.71402500e+01]
...
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... -1.16015270e+02
-1.10028943e+03 -6.18810254e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.11066970e+01
-5.55888475e+02 -3.09414224e+02]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... -1.95747526e+02
-1.90613819e+03 -1.06866254e+03]]
[06-24 17:40:26][INFO]
[[-7.57731060e-02 0.00000000e+00 0.00000000e+00 ... 5.17137788e+00
-1.11514953e+00 5.67887472e-01]
[ 0.00000000e+00 1.02802339e+01 0.00000000e+00 ... -7.73006796e+00
2.38359017e+00 -3.72986275e+00]
[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -3.07829634e+01
4.45762096e+00 -4.70263468e+00]
...
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... -2.48607113e+02
5.53676746e+01 -3.07500358e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.41294358e+02
5.58600906e+01 1.87620429e+00]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... -4.22949691e+02
7.41329185e+01 -6.09945595e+01]]
[06-24 17:40:26][INFO]
[[-7.57731060e-02 0.00000000e+00 0.00000000e+00 ... 3.07860623e+01
-2.26783388e+01 -1.83719133e-01]
[ 0.00000000e+00 1.02802339e+01 0.00000000e+00 ... 2.80364700e+01
-2.77257258e+01 -4.77935318e+00]
[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -1.92662785e+02
1.40732781e+02 4.73728085e-02]
...
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... -1.43638751e+03
1.05527589e+03 4.10276871e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.37468782e+02
1.36822529e+02 4.69823133e+00]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... -2.94557464e+03
2.19775226e+03 1.30263241e+01]]
[06-24 17:40:26][INFO]
[[-7.57731060e-02 0.00000000e+00 0.00000000e+00 ... -2.39696574e+01
3.08830817e+01 2.19427415e+00]
[ 0.00000000e+00 1.02802339e+01 0.00000000e+00 ... -2.06377310e+01
1.98868226e+01 -2.66547496e+00]
[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... 1.52385503e+02
-1.96789519e+02 -1.49377742e+01]
...
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... 1.13193128e+03
-1.45702425e+03 -1.07437082e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.57997921e+02

```

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-3.47837349e+02 -1.68194567e+01]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... 2.27362914e+03
-2.90761336e+03 -2.13639157e+02]]
[06-24 17:40:26][INFO]
[[-7.57731060e-02 0.00000000e+00 0.00000000e+00 ... 2.34835838e+01
-2.89915926e+01 -6.16538199e-01]
[ 0.00000000e+00 1.02802339e+01 0.00000000e+00 ... -6.39893686e+01
7.45862513e+01 -9.76141538e-02]
[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -1.36765673e+02
1.68050312e+02 2.18960583e+00]
...
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... -1.25843771e+03
1.55905138e+03 3.41523748e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.78885657e+02
5.81934003e+02 2.68285937e+01]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... -1.91919100e+03
2.38272580e+03 3.47154408e+01]]
[06-24 17:40:26][INFO]
[[-7.57731060e-02 0.00000000e+00 0.00000000e+00 ... 5.32832062e-01
1.38010026e+00 -2.75278103e+00]
[ 0.00000000e+00 1.02802339e+01 0.00000000e+00 ... -2.43229149e+01
2.20939685e+01 3.59451665e+00]
[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -6.94949110e+00
-3.74088851e+00 1.42728217e+01]
...
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... 8.89109582e-01
-1.07468640e+02 1.51369794e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.43231785e+01
2.00926600e+01 6.63466260e+01]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... -2.95895443e+01
-1.17863088e+02 2.10598462e+02]]
[06-24 17:40:26][INFO]
[[-7.57731060e-02 0.00000000e+00 0.00000000e+00 ... 6.33054341e+01
-8.71391913e+01 3.48751601e+01]
[ 0.00000000e+00 1.02802339e+01 0.00000000e+00 ... -5.87205089e+02
8.15846811e+02 -3.33815382e+02]
[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -3.80793838e+02
5.23438735e+02 -2.09821650e+02]
...
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... -3.60237463e+03
4.97370281e+03 -2.00854379e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.01585520e+03
2.78616288e+03 -1.10945952e+03]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... -4.29643522e+03
5.89906379e+03 -2.34708774e+03]]
[06-24 17:40:26][INFO]
[[-7.57731060e-02 0.00000000e+00 0.00000000e+00 ... -4.98102778e+00
3.84031327e+00 1.34478157e+00]
[ 0.00000000e+00 1.02802339e+01 0.00000000e+00 ... 5.32550763e+01
-3.74518802e+01 -1.93332553e+01]
[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... 2.90452685e+01
-2.25986171e+01 -8.58029095e+00]
...
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... 3.15321579e+02

```

```
-2.45927114e+02 -8.48559436e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.63049457e+02
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[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... 3.10625107e+02
-2.39020605e+02 -8.49046858e+01]]
[06-24 17:40:26][INFO]
[[-7.57731060e-02 0.00000000e+00 0.00000000e+00 ... 2.40679889e+01
-8.75587807e+00 -4.37187716e+00]
[ 0.00000000e+00 1.02802339e+01 0.00000000e+00 ... -2.07813391e+02
7.57522394e+01 3.20433315e+01]
[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -1.71584896e+02
6.43983360e+01 3.09024286e+01]
...
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... -1.40204246e+03
4.98753723e+02 2.53110200e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.67053530e+02
1.99748059e+02 1.04117279e+02]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... -1.59428003e+03
5.86981524e+02 2.89968333e+02]]
[06-24 17:40:26][INFO]
[[-7.57731060e-02 0.00000000e+00 0.00000000e+00 ... 2.62470855e+00
-1.87367494e+00 4.62165289e-03]
[ 0.00000000e+00 1.02802339e+01 0.00000000e+00 ... -3.38017059e+01
1.99033329e+01 -3.47184699e+00]
[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -2.42706088e+01
1.71179371e+01 8.36095896e-01]
...
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... -1.23922581e+02
8.85422022e+01 -7.74961508e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.82749957e+01
3.00370255e+01 -3.80457789e+00]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... -1.84569847e+02
1.34536204e+02 2.25139614e+00]]
[06-24 17:40:26][INFO]
[[-7.57731060e-02 0.00000000e+00 0.00000000e+00 ... -1.92159662e+00
1.27117865e+00 3.33887489e-02]
[ 0.00000000e+00 1.02802339e+01 0.00000000e+00 ... 4.68920836e+01
-3.59156551e+01 -3.98244316e+00]
[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... 1.09481610e+01
-7.24423623e+00 6.13246418e-01]
...
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... 1.42275093e+02
-9.55969349e+01 -9.43400136e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.99578864e+01
-4.48318087e+01 -4.48942978e+00]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... 7.32823806e+01
-4.38300683e+01 6.19816315e-01]]
[06-24 17:40:26][INFO]
[[-7.57731060e-02 0.00000000e+00 0.00000000e+00 ... 4.86096825e-01
-6.11477575e-01 3.61796802e-01]
[ 0.00000000e+00 1.02802339e+01 0.00000000e+00 ... -1.73380709e+01
1.43080560e+01 -1.27434007e+01]
[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -1.06876740e+01
9.67354850e+00 -2.33786951e+00]
```

```

...
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... 3.04085904e-01
 1.54149550e+01 -2.87987682e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.55287630e+01
-1.00911876e+01 -1.05495376e+01]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... -5.15233077e+01
 5.37596836e+01 -1.64036105e+01]]
[06-24 17:40:26][INFO]
[[-7.57731060e-02 0.00000000e+00 0.00000000e+00 ... 1.20610512e+01
-1.55207873e+01 8.47409331e+00]
[ 0.00000000e+00 1.02802339e+01 0.00000000e+00 ... -1.04418082e+02
 1.26472891e+02 -7.37733487e+01]
[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -3.22619845e+02
 4.11462894e+02 -2.20955254e+02]
...
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... 3.07185918e+02
-3.79869218e+02 1.86279091e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.01063196e+03
-1.27896950e+03 6.79859161e+02]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... -1.24709061e+03
 1.59372974e+03 -8.54315891e+02]]
[06-24 17:40:26][INFO]
[[-7.57731060e-02 0.00000000e+00 0.00000000e+00 ... 1.96729372e-01
 3.36629819e-01 6.30014167e-01]
[ 0.00000000e+00 1.02802339e+01 0.00000000e+00 ... -1.06593488e+01
 1.15841019e+00 -1.17848990e+01]
[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -8.45203183e+00
-8.44227398e+00 -1.32436615e+01]
...
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... 2.80963336e+01
-6.84832368e+00 1.75941820e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.76836410e+01
 2.14375058e+01 3.65957962e+01]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... -3.91180921e+01
-2.08019875e+01 -5.56666182e+01]]
[06-24 17:40:26][INFO]
[[-7.57731060e-02 0.00000000e+00 0.00000000e+00 ... 1.02481704e+01
-1.17210680e+01 -4.51281909e+00]
[ 0.00000000e+00 1.02802339e+01 0.00000000e+00 ... -1.12105076e+02
 1.22852594e+02 4.01199427e+01]
[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -2.57297368e+02
 2.90072323e+02 1.14078388e+02]
...
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... 1.97492723e+02
-2.10056049e+02 -8.49124709e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 8.33662564e+02
-9.33417951e+02 -3.70667884e+02]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... -1.04165598e+03
 1.18184138e+03 4.57283232e+02]]
[06-24 17:40:26][INFO]
[[-7.57731060e-02 0.00000000e+00 0.00000000e+00 ... 8.60083360e-01
 4.10339330e-01 -3.43131448e-01]
[ 0.00000000e+00 1.02802339e+01 0.00000000e+00 ... -1.08844666e+01
-7.94598366e+00 -4.83685403e+00]

```

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[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -2.38227753e+01
-1.16265613e+01 1.03814238e+01]
...
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... 2.44080740e+01
1.36061691e+01 -8.03749985e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.66750322e+01
7.06153719e+01 -2.55714566e+01]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... -8.05562756e+01
-6.01040694e+01 3.04139960e+01]]
[06-24 17:40:26][INFO]
[[-7.57731060e-02 0.00000000e+00 0.00000000e+00 ... -5.54848924e+00
7.18247651e+00 1.01483987e+01]
[ 0.00000000e+00 1.02802339e+01 0.00000000e+00 ... 3.56925353e+01
-5.71653443e+01 -8.10884700e+01]
[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... 1.57776472e+02
-2.03528111e+02 -2.86916288e+02]
...
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... -2.10016831e+02
2.61330227e+02 3.75741556e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.42903862e+02
8.09882060e+02 1.11971525e+03]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... 7.71297177e+02
-9.60284000e+02 -1.36416272e+03]]
[06-24 17:40:26][INFO]
[[-7.57731060e-02 0.00000000e+00 0.00000000e+00 ... -3.02597032e+00
-1.05214782e+01 -9.11331686e+00]
[ 0.00000000e+00 1.02802339e+01 0.00000000e+00 ... 1.82860600e+01
6.49996257e+01 5.18257256e+01]
[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... 8.53966984e+01
3.04459449e+02 2.65768806e+02]
...
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... -1.13930923e+02
-4.13035594e+02 -3.57961327e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.60670327e+02
-1.17093547e+03 -1.03539328e+03]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... 4.29042506e+02
1.44178368e+03 1.24926152e+03]]
[06-24 17:40:26][INFO]
[[-7.57731060e-02 0.00000000e+00 0.00000000e+00 ... -2.16616750e+00
1.03106275e+00 6.98561162e+00]
[ 0.00000000e+00 1.02802339e+01 0.00000000e+00 ... 1.25638886e+01
-1.18850021e+01 -5.53160825e+01]
[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... 6.06410918e+01
-2.81635106e+01 -1.97754610e+02]
...
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... -8.05702362e+01
3.52075331e+01 2.66683423e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.64110814e+02
1.26464009e+02 7.72584860e+02]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... 3.10956319e+02
-1.44853954e+02 -9.61781573e+02]]
[06-24 17:40:26][INFO]
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-9.20259428e-01 -5.72270842e-01]

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[ 0.00000000e+00 1.02802339e+01 0.00000000e+00 ... -8.67740043e+00
 2.06776805e+00 -1.27406020e+00]
[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -2.30966091e+01
 2.68412912e+01 1.52905916e+01]
...
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... 3.15748077e+01
-3.84572062e+01 -1.86356529e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.86727559e+01
-8.55629049e+01 -4.86401056e+01]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... -8.94328870e+01
 1.18149790e+02 5.68874132e+01]]
[06-24 17:40:26][INFO]
[[-7.57731060e-02 0.00000000e+00 0.00000000e+00 ... 6.25883128e+01
-7.14212985e+01 -4.46700996e+01]
[ 0.00000000e+00 1.02802339e+01 0.00000000e+00 ... 2.81021848e+03
-3.21455124e+03 -2.01324319e+03]
[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -3.30518071e+03
 3.77200058e+03 2.35785739e+03]
...
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... 7.13134618e+03
-8.13994819e+03 -5.08605263e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.59545887e+03
-2.98026876e+03 -1.85925517e+03]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... -1.66427774e+04
 1.90070356e+04 1.18717325e+04]]
[06-24 17:40:26][INFO]
[[-7.57731060e-02 0.00000000e+00 0.00000000e+00 ... 1.15660764e+00
-1.12224192e+00 -1.33556668e+00]
[ 0.00000000e+00 1.02802339e+01 0.00000000e+00 ... 3.94621057e+01
-4.38504003e+01 -5.87242159e+01]
[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -5.97147893e+01
 5.80683118e+01 6.84736008e+01]
...
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... 1.25683404e+02
-1.23053936e+02 -1.44188755e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.31292409e+01
-4.80800051e+01 -5.17624866e+01]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... -2.86794470e+02
 2.90150535e+02 3.34060237e+02]]
[06-24 17:40:26][INFO]
[[-7.57731060e-02 0.00000000e+00 0.00000000e+00 ... -1.40691803e+00
 9.06451344e-01 1.51351622e+00]
[ 0.00000000e+00 1.02802339e+01 0.00000000e+00 ... -2.69337342e+01
 8.69317062e+00 1.50676148e+01]
[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... 6.05744420e+01
-3.71247872e+01 -6.52149344e+01]
...
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... -1.05789033e+02
 6.01260409e+01 1.13067948e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.96285675e+01
 2.53255952e+01 5.13278349e+01]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... 3.58336172e+02
-2.20385482e+02 -3.82933044e+02]]
[06-24 17:40:26][INFO]

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```

[[-7.57731060e-02  0.00000000e+00  0.00000000e+00 ...  1.33894631e-01
 6.85503396e-01  8.06428377e-02]
[ 0.00000000e+00  1.02802339e+01  0.00000000e+00 ... -8.34863952e+00
 6.02812338e+00 -2.21552947e+00]
[ 0.00000000e+00  0.00000000e+00 -1.67942967e+00 ... -5.60929644e+00
-2.76342362e+01 -3.66759667e+00]
...
[ 0.00000000e+00 -2.84217094e-14  0.00000000e+00 ...  1.76045854e+01
 4.24317634e+01 -1.68151883e+00]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.42618910e+01
 1.88201489e+01  9.13925166e+00]
[ 0.00000000e+00  2.84217094e-14  7.10542736e-15 ... -3.79495017e+01
-1.63559297e+02 -1.44085571e+01]]
[06-24 17:40:26][INFO]
[[-7.57731060e-02  0.00000000e+00  0.00000000e+00 ... -3.69694433e-01
-1.15812882e+00 -6.44249233e-01]
[ 0.00000000e+00  1.02802339e+01  0.00000000e+00 ... -2.26575739e+01
-4.63566767e+01 -2.28125476e+01]
[ 0.00000000e+00  0.00000000e+00 -1.67942967e+00 ...  7.75262379e+00
 2.12835588e+01  1.55662404e+01]
...
[ 0.00000000e+00 -2.84217094e-14  0.00000000e+00 ... -1.94097360e+01
-9.30771270e+01 -5.49618420e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  8.24491528e+00
 1.01217238e+02  4.15367094e+01]
[ 0.00000000e+00  2.84217094e-14  7.10542736e-15 ...  7.10559383e+01
 2.35508028e+02  1.42499495e+02]]
[06-24 17:40:26][INFO]
[[-7.57731060e-02  0.00000000e+00  0.00000000e+00 ...  8.92300476e-02
 4.34298124e+00 -2.28517081e+00]
[ 0.00000000e+00  1.02802339e+01  0.00000000e+00 ... -6.04309642e+00
 1.52800425e+02 -8.22189548e+01]
[ 0.00000000e+00  0.00000000e+00 -1.67942967e+00 ... -1.49507619e+00
-8.95682643e+01  4.86321392e+01]
...
[ 0.00000000e+00 -2.84217094e-14  0.00000000e+00 ...  1.43993181e+01
 3.12190701e+02 -1.75848847e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.59974551e+01
-3.09244735e+02  1.63973072e+02]
[ 0.00000000e+00  2.84217094e-14  7.10542736e-15 ... -2.32452381e+01
-8.94876538e+02  4.79680973e+02]]
[06-24 17:40:26][INFO]
[[-7.57731060e-02  0.00000000e+00  0.00000000e+00 ...  2.19881408e-01
 1.61702807e+00  1.12240046e+00]
[ 0.00000000e+00  1.02802339e+01  0.00000000e+00 ... -1.48503808e+00
 5.76995891e+01  3.66616184e+01]
[ 0.00000000e+00  0.00000000e+00 -1.67942967e+00 ... -4.21137587e+00
-3.28944902e+01 -2.22127773e+01]
...
[ 0.00000000e+00 -2.84217094e-14  0.00000000e+00 ...  2.39472611e+01
 1.12979262e+02  7.31749372e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -3.54847610e+01
-1.11298450e+02 -8.34692107e+01]
[ 0.00000000e+00  2.84217094e-14  7.10542736e-15 ... -4.99064838e+01

```

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-3.38607497e+02 -2.15681818e+02]]
[06-24 17:40:26][INFO]
[[-7.57731060e-02  0.00000000e+00  0.00000000e+00 ... -1.63435191e+00
-6.25282597e-01 -1.13502078e+00]
[ 0.00000000e+00  1.02802339e+01  0.00000000e+00 ... -2.30985925e+01
 3.15624772e+01  1.03483726e+01]
[ 0.00000000e+00  0.00000000e+00 -1.67942967e+00 ...  3.86503083e+01
 1.89378280e+01  2.99688308e+01]
...
[ 0.00000000e+00 -2.84217094e-14  0.00000000e+00 ... -9.14710774e+01
-2.65952827e+01 -6.73401786e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  8.48823786e+01
 3.42606434e+01  6.30707827e+01]
[ 0.00000000e+00  2.84217094e-14  7.10542736e-15 ...  3.42315007e+02
 1.35703056e+02  2.61825040e+02]]
[06-24 17:40:26][INFO]
[[-7.57731060e-02  0.00000000e+00  0.00000000e+00 ...  2.72473106e-02
-1.42171407e-01  8.82335111e-02]
[ 0.00000000e+00  1.02802339e+01  0.00000000e+00 ... -1.70877349e+01
 3.33101385e+01  1.47735116e+01]
[ 0.00000000e+00  0.00000000e+00 -1.67942967e+00 ...  4.52008002e-01
 7.83164424e+00  1.84758821e+00]
...
[ 0.00000000e+00  2.84217094e-14 -7.10542736e-15 ... -3.70058997e+01
 1.50101946e+02  1.78316537e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.56363132e+01
 5.03476016e+00 -1.09301676e+01]
[ 0.00000000e+00  2.84217094e-14  7.10542736e-15 ... -1.00347554e+01
 3.32571052e+01  2.42833731e+00]]
[06-24 17:40:26][INFO]
[[-7.57731060e-02  0.00000000e+00  0.00000000e+00 ... -2.16285830e+00
 2.82929045e+00 -3.20257882e+00]
[ 0.00000000e+00  1.02802339e+01  0.00000000e+00 ...  1.76338355e+02
-2.29123893e+02  3.05411988e+02]
[ 0.00000000e+00  0.00000000e+00 -1.67942967e+00 ...  7.71177297e+01
-9.61858360e+01  1.17044089e+02]
...
[ 0.00000000e+00  2.84217094e-14 -7.10542736e-15 ...  1.40138436e+03
-1.80145772e+03  2.17913035e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.58554631e+01
-5.12598905e+01  5.14146107e+01]
[ 0.00000000e+00  2.84217094e-14  7.10542736e-15 ...  3.26418984e+02
-4.23232045e+02  5.07977524e+02]]
[06-24 17:40:26][INFO]
[[-7.57731060e-02  0.00000000e+00  0.00000000e+00 ... -2.19578210e+00
 2.89456369e+00 -3.26804908e+00]
[ 0.00000000e+00  1.02802339e+01  0.00000000e+00 ... -1.33310634e+02
 3.84772412e+02 -3.10337269e+02]
[ 0.00000000e+00  0.00000000e+00 -1.67942967e+00 ...  5.50918719e+01
-5.25183504e+01  7.32447994e+01]
...
[ 0.00000000e+00  2.84217094e-14 -7.10542736e-15 ...  4.84578147e+02
 1.61614773e+01  3.56024940e+02]
[ 5.55111512e-17  0.00000000e+00  0.00000000e+00 ... -3.08947048e+02

```



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5.76732942e+02 -5.66668848e+02]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... -2.12456017e+02
6.45117550e+02 -5.63596721e+02]]
[06-24 17:40:26][INFO]
[[-7.57731060e-02 0.00000000e+00 0.00000000e+00 ... 2.90284346e+00
-4.11728644e-01 4.14977976e+00]
[ 0.00000000e+00 1.02802339e+01 0.00000000e+00 ... 4.66358059e+02
-4.09317203e+00 5.62101720e+02]
[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -5.20651294e+01
1.69694690e+01 -8.26545279e+01]
...
[ 0.00000000e+00 2.84217094e-14 -7.10542736e-15 ... 2.72049415e+02
1.53979427e+02 4.68236188e+01]
[ 5.55111512e-17 0.00000000e+00 0.00000000e+00 ... 6.71075413e+02
-5.87796516e+01 8.59134791e+02]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... 1.05420545e+03
-1.76271087e+02 1.27922893e+03]]
[06-24 17:40:26][INFO]
[[-7.57731060e-02 0.00000000e+00 0.00000000e+00 ... 4.20797790e+00
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[ 0.00000000e+00 1.02802339e+01 0.00000000e+00 ... 9.69021769e+02
-2.56680604e+02 1.54238538e+03]
[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -4.52931728e+01
1.35665754e+01 -6.94480078e+01]
...
[ 0.00000000e+00 2.84217094e-14 -7.10542736e-15 ... 1.27618221e+03
-3.50595142e+02 2.00506121e+03]
[ 5.55111512e-17 0.00000000e+00 0.00000000e+00 ... 1.19526960e+03
-3.22186103e+02 1.88140671e+03]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... 1.74602292e+03
-5.23907878e+02 2.62839607e+03]]
[06-24 17:40:26][INFO]
[[-7.57731060e-02 0.00000000e+00 0.00000000e+00 ... -3.70000937e-01
6.59598366e-01 -5.39018413e-01]
[ 0.00000000e+00 1.02802339e+01 0.00000000e+00 ... -8.40533978e+01
1.40617706e+02 -1.21665679e+02]
[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... 4.48643027e+00
-5.21399488e+00 9.21285487e+00]
...
[ 0.00000000e+00 2.84217094e-14 -7.10542736e-15 ... -7.43239770e+01
1.58916281e+02 -1.28985176e+02]
[ 5.55111512e-17 0.00000000e+00 0.00000000e+00 ... -8.77422188e+01
1.61861422e+02 -1.45986243e+02]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... -1.00291501e+02
1.72659303e+02 -2.89117855e+02]]
[06-24 17:40:26][INFO]
[[-7.57731060e-02 0.00000000e+00 0.00000000e+00 ... 1.92028702e+00
-1.04276944e+01 -3.51690013e+00]
[ 0.00000000e+00 1.02802339e+01 0.00000000e+00 ... 3.69009794e+02
-2.05266294e+03 -7.10748197e+02]
[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -2.22772112e+01
1.24348896e+02 4.40115179e+01]
...
[ 0.00000000e+00 2.84217094e-14 -7.10542736e-15 ... 3.86126908e+02

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-2.07012822e+03 -7.27673332e+02]
[ 5.55111512e-17 0.00000000e+00 0.00000000e+00 ... 4.68537846e+02
-2.53109251e+03 -8.69273563e+02]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... 7.73142915e+02
-4.05564006e+03 -1.42477609e+03]]
[06-24 17:40:26][INFO]
[[-7.57731060e-02 0.00000000e+00 0.00000000e+00 ... -1.06770477e-01
4.39895591e-01 3.03179876e-01]
[ 0.00000000e+00 1.02802339e+01 0.00000000e+00 ... -2.30870522e+01
4.94716901e+01 2.81757488e+01]
[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... 1.04297765e+00
-6.76788542e-01 6.35847077e-02]
...
[ 0.00000000e+00 2.84217094e-14 0.00000000e+00 ... -3.81233872e+01
1.79128132e+02 7.32488792e+01]
[ 5.55111512e-17 0.00000000e+00 0.00000000e+00 ... -1.39891118e+01
5.58618133e+01 4.00699512e+01]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... -2.07223234e-01
9.04940558e+01 3.26366401e+01]]
[06-24 17:40:26][INFO]
[[-7.57731060e-02 0.00000000e+00 0.00000000e+00 ... 5.85936030e-01
-1.10931508e+00 -2.09800741e-01]
[ 0.00000000e+00 1.02802339e+01 0.00000000e+00 ... 4.92486738e+01
-1.12304296e+02 -2.53921402e+01]
[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -1.47969633e-01
1.98671790e+00 9.45535241e-01]
...
[ 0.00000000e+00 2.84217094e-14 0.00000000e+00 ... 1.42142164e+02
-2.24028635e+02 -6.02459456e+01]
[ 5.55111512e-17 0.00000000e+00 0.00000000e+00 ... 7.87621140e+01
-1.51572630e+02 -2.86165424e+01]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... 7.64849603e+01
-8.10249753e+01 -2.41574035e+01]]
[06-24 17:40:26][INFO]
[[-7.57731060e-02 0.00000000e+00 0.00000000e+00 ... -2.87065425e+00
3.60446134e+00 4.59482078e-01]
[ 0.00000000e+00 1.02802339e+01 0.00000000e+00 ... 1.19746326e+03
-1.67813259e+03 -2.47715365e+02]
[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -6.26583779e+01
8.72326002e+01 1.30491225e+01]
...
[ 0.00000000e+00 2.84217094e-14 0.00000000e+00 ... 8.42001222e+02
-1.17843134e+03 -1.95756262e+02]
[ 5.55111512e-17 0.00000000e+00 0.00000000e+00 ... 1.53563480e+03
-2.13832013e+03 -3.10703738e+02]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... 9.66342228e+02
-1.29452957e+03 -1.96456152e+02]]
[06-24 17:40:26][INFO]
[[-7.57731060e-02 0.00000000e+00 0.00000000e+00 ... -6.07384566e-02
6.31395831e-02 -1.82391140e-02]
[ 0.00000000e+00 1.02802339e+01 0.00000000e+00 ... -2.02443262e+02
8.61620729e+01 -9.71356603e+00]
[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... 1.06815396e+01
-5.19730319e+00 5.80409834e-01]

```

```

...
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 1.76274544e+02 -1.30076290e+01]
[ 5.55111512e-17 0.00000000e+00 0.00000000e+00 ... -1.90861255e+02
 3.75735540e+01 -1.71775922e+01]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... -1.51835062e+02
 1.14703248e+02 -6.35188349e+00]]
[06-24 17:40:26][INFO]
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 -9.09335946e-02 1.41503447e-02]
[ 0.00000000e+00 1.02802339e+01 0.00000000e+00 ... 1.86892642e+02
 -9.22396560e+01 2.77902715e+01]
[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... 3.37366250e+00
 -1.84868339e+00 -1.23541264e-01]
...
[ 0.00000000e+00 2.84217094e-14 0.00000000e+00 ... 1.06731781e+03
 -4.19517000e+02 1.12240424e+02]
[ 5.55111512e-17 0.00000000e+00 0.00000000e+00 ... -5.38503467e+02
 1.96870375e+02 -5.06651718e+01]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... 7.08878059e+02
 -2.79693230e+02 7.65586438e+01]]
[06-24 17:40:26][INFO]
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 6.14869591e-02 -2.67649933e-02]
[ 0.00000000e+00 1.02802339e+01 0.00000000e+00 ... 1.15028793e+01
 -1.58677141e+01 7.28920564e+00]
[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -1.18258591e+00
 1.35295222e-01 -6.56114815e-01]
...
[ 0.00000000e+00 2.84217094e-14 0.00000000e+00 ... -8.74308877e+01
 8.33082462e+01 -2.27365482e+01]
[ 5.55111512e-17 0.00000000e+00 0.00000000e+00 ... 1.15914188e+02
 -8.80900834e+01 2.58287995e+01]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... -3.70809671e+01
 4.51281200e+01 -1.06354713e+01]]
[06-24 17:40:26][INFO]
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[ 0.00000000e+00 1.02802339e+01 0.00000000e+00 ... -2.86153767e+00
 -2.39221587e+01 -9.27394148e+00]
[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... 2.06208251e+00
 1.95465219e+00 3.08520796e+00]
...
[ 0.00000000e+00 2.84217094e-14 0.00000000e+00 ... -5.27254468e+01
 1.02768351e+02 1.72811793e+01]
[ 5.55111512e-17 0.00000000e+00 0.00000000e+00 ... 6.05186225e+01
 -1.19151596e+02 -3.80460447e+01]
[ 0.00000000e+00 2.84217094e-14 7.10542736e-15 ... -1.71320857e+01
 5.63138967e+01 1.23669421e+01]]
[06-24 17:40:26][INFO]
[[-7.57731060e-02 0.00000000e+00 0.00000000e+00 ... -9.44469892e-02
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[ 0.00000000e+00 1.02802339e+01 0.00000000e+00 ... -1.24482502e+01
 7.58977432e+00 -2.35369134e+00]

```

```

[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -1.83773964e+00
 1.47735340e+01 5.90032782e+00]
...
[ 0.00000000e+00 2.84217094e-14 0.00000000e+00 ... -8.38031381e+01
 2.04922048e+02 3.97148757e+01]
[ 5.55111512e-17 0.00000000e+00 0.00000000e+00 ... 1.05594254e+02
-2.67317118e+02 -7.05842732e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.02141952e+02
 4.69612551e+02 1.23179978e+02]]
[06-24 17:40:26][INFO]
[[-7.57731060e-02 0.00000000e+00 0.00000000e+00 ... -4.79286838e-02
-1.16216340e-02 -4.82034786e-02]
[ 0.00000000e+00 1.02802339e+01 0.00000000e+00 ... -7.14244563e+00
-1.97146237e+01 -1.20420731e+01]
[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... 7.78224705e-01
 1.31142262e+00 1.12358549e+00]
...
[ 0.00000000e+00 2.84217094e-14 0.00000000e+00 ... -4.05087402e+01
-1.78768630e+01 -3.93405532e+01]
[ 5.55111512e-17 0.00000000e+00 0.00000000e+00 ... 5.29445353e+01
 3.62555451e+00 2.55539400e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.16550015e+02
 2.91447021e+01 -3.31106189e+01]]
[06-24 17:40:26][INFO]
[[-7.57731060e-02 0.00000000e+00 0.00000000e+00 ... 2.05222982e-02
 1.85863858e-02 1.82735208e-02]
[ 0.00000000e+00 1.02802339e+01 0.00000000e+00 ... 8.33139344e+00
-1.28858825e+01 2.98553301e+00]
[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... -5.81557881e-01
 7.11338611e-01 -1.96983825e-01]
...
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... 4.00150899e+01
-1.49392168e+01 4.38358366e+01]
[ 5.55111512e-17 0.00000000e+00 0.00000000e+00 ... 9.13225264e+00
-1.57091909e+01 -1.69948885e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.18253375e+01
 6.21213590e+01 3.94591561e+01]]
[06-24 17:40:26][INFO]
[[-7.57731060e-02 0.00000000e+00 0.00000000e+00 ... 3.06100458e-01
-8.80312439e-02 3.31119440e-01]
[ 0.00000000e+00 1.02802339e+01 0.00000000e+00 ... -8.61965005e+01
 2.24051215e+01 -1.00568135e+02]
[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... 2.30275262e+01
-8.10286689e+00 2.56663582e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.03163285e+03
 3.56526849e+02 -1.21569091e+03]
[ 5.55111512e-17 0.00000000e+00 0.00000000e+00 ... -1.03481588e+02
 2.63340130e+01 -1.40361397e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 8.07309220e+02
-2.54894178e+02 9.69671329e+02]]
[06-24 17:40:26][INFO]
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-3.65411501e-02 5.66750737e-02]

```

```

[ 0.00000000e+00 1.02802339e+01 0.00000000e+00 ... -4.49181782e+01
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[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... 8.22250898e+00
-4.33528346e+00 5.58498000e+00]
...
[ 5.55111512e-17 0.00000000e+00 0.00000000e+00 ... -1.03481588e+02
 2.63340130e+01 -1.40361397e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.31375398e+02
 2.54669262e+02 -6.72785678e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.26456899e+02
-1.57974812e+02 4.53087029e+02]]
[06-24 17:40:26][INFO]
[[-7.57731060e-02 0.00000000e+00 0.00000000e+00 ... 0.00000000e+00
 1.89749107e-03 -5.35706645e-02]
[ 0.00000000e+00 1.02802339e+01 0.00000000e+00 ... 0.00000000e+00
-4.73868500e+00 3.14446820e+00]
[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... 0.00000000e+00
-1.28937352e+00 -3.15098411e+00]
...
[ 5.55111512e-17 0.00000000e+00 0.00000000e+00 ... 0.00000000e+00
-1.19992500e+01 -3.04178939e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.26456899e+02
-1.57974812e+02 4.53087029e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 0.00000000e+00
 2.07853449e+01 -1.98399950e+00]]
[06-24 17:40:26][INFO]
[[-7.57731060e-02 0.00000000e+00 0.00000000e+00 ... 0.00000000e+00
 0.00000000e+00 -5.33895454e-02]
[ 0.00000000e+00 1.02802339e+01 0.00000000e+00 ... 0.00000000e+00
 0.00000000e+00 2.69215198e+00]
[ 0.00000000e+00 0.00000000e+00 -1.67942967e+00 ... 0.00000000e+00
 0.00000000e+00 -3.27405719e+00]
...
[ 5.55111512e-17 0.00000000e+00 0.00000000e+00 ... 0.00000000e+00
 0.00000000e+00 -3.15632445e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.26456899e+02
 0.00000000e+00 4.38008042e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 0.00000000e+00
 2.07853449e+01 -1.98399950e+00]]
n = 62: 0.175351 segundos
[06-24 17:40:26][INFO]
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 1.86075964e+00 -4.77677127e+00]
[ 0.00000000e+00 -5.17232905e+02 2.27066442e+02 ... 2.69021940e+02
 3.13961545e+02 -7.89583873e+02]
[ 0.00000000e+00 -7.54837868e+02 3.21900568e+02 ... 3.86561112e+02
 4.50608011e+02 -1.15450048e+03]
...
[ 0.00000000e+00 -7.36891890e+02 3.21506271e+02 ... 3.80160879e+02
 4.36169474e+02 -1.12627191e+03]
[ 0.00000000e+00 2.18764075e+02 -9.60421304e+01 ... -1.05645332e+02
-1.23219064e+02 3.28134402e+02]
[ 0.00000000e+00 1.01630319e+03 -4.36495281e+02 ... -5.20146537e+02
-6.08869841e+02 1.56163366e+03]]

```

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[06-24 17:40:26][INFO]
[[-1.50977297e-02  0.00000000e+00  4.07243799e-01 ...  2.45356117e-01
 -1.68438906e-02 -8.11670963e-01]
 [ 0.00000000e+00  4.22837270e+01 -1.25849678e+01 ... -1.81768966e+01
 -2.53907269e+01  5.36198282e+01]
 [ 0.00000000e+00 -1.13686838e-13  9.72370634e+01 ...  6.20719802e+01
 -2.66050323e+00 -1.97293547e+02]
 ...
 [ 0.00000000e+00  0.00000000e+00  1.02184055e+02 ...  6.33863502e+01
 -6.32275687e+00 -1.91822193e+02]
 [ 0.00000000e+00 -2.84217094e-14 -3.09310571e+01 ... -1.16031970e+01
 8.14539339e+00  5.07205378e+01]
 [ 0.00000000e+00  0.00000000e+00 -1.34011468e+02 ... -8.32588894e+01
 1.40457288e+00  2.72863577e+02]]
[06-24 17:40:26][INFO]
[[-1.50977297e-02  0.00000000e+00  0.00000000e+00 ... -6.32629641e-02
 3.17146102e-01 -1.90743848e-01]
 [ 0.00000000e+00  4.22837270e+01  0.00000000e+00 ... -8.63970726e+00
 -3.57119480e+01  3.44314507e+01]
 [ 0.00000000e+00  0.00000000e+00  9.17846118e+00 ...  6.95565718e+00
 -7.52746680e+00 -1.39944560e+01]
 ...
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.40511680e+01
 7.74807332e+01 -3.60215388e+01]
 [ 0.00000000e+00 -2.84217094e-14  0.00000000e+00 ...  1.18370972e+01
 -1.72218769e+01  3.55976556e+00]
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.82982029e+01
 -1.08501310e+02  6.85354708e+01]]
[06-24 17:40:26][INFO]
[[-1.50977297e-02  0.00000000e+00  0.00000000e+00 ... -8.19307064e-01
 1.61819683e+01 -2.81497825e+01]
 [ 0.00000000e+00  4.22837270e+01  0.00000000e+00 ...  7.51011802e+01
 -1.79292993e+03  3.13122793e+03]
 [ 0.00000000e+00  0.00000000e+00  9.17846118e+00 ...  1.37847689e+01
 -1.50829483e+02  2.38550864e+02]
 ...
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.31607540e+02
 4.64268158e+03 -8.08140808e+03]
 [ 0.00000000e+00 -2.84217094e-14  0.00000000e+00 ...  4.43517264e+01
 -6.99508548e+02  1.20597346e+03]
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.78828188e+02
 -5.57546005e+03  9.70311623e+03]]
[06-24 17:40:26][INFO]
[[-1.50977297e-02  0.00000000e+00  0.00000000e+00 ... -2.75199156e-01
 -5.44372602e-01  3.69657682e-01]
 [ 0.00000000e+00  4.22837270e+01  0.00000000e+00 ...  1.53428618e+01
 4.40917138e+01 -1.00698256e+00]
 [ 0.00000000e+00  0.00000000e+00  9.17846118e+00 ...  8.99330785e+00
 -3.53588506e+00 -1.25937808e+01]
 ...
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -7.54702487e+01
 -1.57111861e+02  1.02535007e+02]
 [ 0.00000000e+00 -2.84217094e-14  0.00000000e+00 ...  2.08775832e+01
 2.21066240e+01 -2.44248034e+01]

```

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[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.14135042e+01
 1.85827103e+02 -1.20232778e+02]]
[06-24 17:40:26][INFO]
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 6.21890007e-01 -5.92953206e-01]
 [ 0.00000000e+00 4.22837270e+01 0.00000000e+00 ... -2.75489815e+01
 -3.37219445e+01 6.32189252e+01]
 [ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 2.38289654e+00
 -1.55283817e+01 -2.69540299e+00]
 ...
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.92591379e+01
 1.59879244e+02 -1.59103398e+02]
 [ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... -4.49473878e+00
 -2.39234145e+01 1.35675115e+01]
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.27662806e+02
 -2.11617442e+02 2.07810361e+02]]
[06-24 17:40:26][INFO]
[[-1.50977297e-02 0.00000000e+00 0.00000000e+00 ... 1.05785996e-01
 1.84423034e-01 -2.80646652e-01]
 [ 0.00000000e+00 4.22837270e+01 0.00000000e+00 ... -8.50891445e+00
 -1.91493486e+00 4.05119823e+01]
 [ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 6.34403996e+00
 -8.91117145e+00 -7.41941250e+00]
 ...
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.39202157e+01
 3.40232882e+01 -6.92551532e+01]
 [ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... 4.22622049e+00
 -9.35478742e+00 3.16700581e+00]
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.11349842e+01
 -6.70700908e+01 1.04618376e+02]]
[06-24 17:40:26][INFO]
[[-1.50977297e-02 0.00000000e+00 0.00000000e+00 ... 2.59641789e+00
 4.47459131e+00 -6.51435519e+00]
 [ 0.00000000e+00 4.22837270e+01 0.00000000e+00 ... -1.97502438e+03
 -3.38928112e+03 4.96242930e+03]
 [ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... -5.40072659e+02
 -9.50125966e+02 1.36018631e+03]
 ...
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.99522091e+02
 1.71451900e+03 -2.51105225e+03]
 [ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... -5.23678752e+02
 -9.18682726e+02 1.32444043e+03]
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.32474649e+03
 -2.27811917e+03 3.31732115e+03]]
[06-24 17:40:26][INFO]
[[-1.50977297e-02 0.00000000e+00 0.00000000e+00 ... -4.84403763e-01
 -8.65261300e-01 6.47905977e-02]
 [ 0.00000000e+00 4.22837270e+01 0.00000000e+00 ... 3.41251574e+02
 6.25418068e+02 1.59835435e+01]
 [ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 8.95809865e+01
 1.41224991e+02 1.55505006e+01]
 ...
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.90643604e+02
 -3.48342830e+02 3.05663462e+01]
```

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[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... 9.73090616e+01
 1.57648127e+02 -1.68935444e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.23721129e+02
 4.05771616e+02 1.05428447e+01]]
[06-24 17:40:26][INFO]
[[-1.50977297e-02 0.00000000e+00 0.00000000e+00 ... -3.84701944e+00
 -2.45895978e+00 7.43143260e+00]
[ 0.00000000e+00 4.22837270e+01 0.00000000e+00 ... 2.99038397e+03
 1.88096395e+03 -5.78759671e+03]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 8.71320426e+02
 5.11727326e+02 -1.69704325e+03]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.62439501e+03
 -1.02786367e+03 3.17155369e+03]
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... 7.59430351e+02
 4.71457909e+02 -1.45222993e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.04067916e+03
 1.26691173e+03 -3.96995348e+03]]
[06-24 17:40:26][INFO]
[[-1.50977297e-02 0.00000000e+00 0.00000000e+00 ... 3.00385066e+00
 4.94725495e+00 -5.41077446e+00]
[ 0.00000000e+00 4.22837270e+01 0.00000000e+00 ... -2.44302525e+03
 -3.99288781e+03 4.39752799e+03]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... -7.35284536e+02
 -1.22511211e+03 1.31459663e+03]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.33578925e+03
 2.17227878e+03 -2.37742018e+03]
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... -5.61591323e+02
 -9.56648307e+02 1.02407360e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.70512212e+03
 -2.78253137e+03 3.05168830e+03]]
[06-24 17:40:26][INFO]
[[-1.50977297e-02 0.00000000e+00 0.00000000e+00 ... 2.70235265e-01
 -2.38140370e-01 -1.06061220e-01]
[ 0.00000000e+00 4.22837270e+01 0.00000000e+00 ... -2.31494679e+02
 2.02164764e+02 1.05945655e+02]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... -5.50261371e+01
 6.52701200e+01 -5.47778424e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.21190617e+02
 -1.31693494e+02 -2.04326229e+01]
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... -3.57002767e+01
 4.09144720e+01 3.55652365e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.50542086e+02
 1.66351665e+02 3.49503413e+01]]
[06-24 17:40:26][INFO]
[[-1.50977297e-02 0.00000000e+00 0.00000000e+00 ... 1.33684822e+00
 -9.33892435e-01 -1.11163757e+00]
[ 0.00000000e+00 4.22837270e+01 0.00000000e+00 ... -1.14465417e+03
 7.97819076e+02 9.66849878e+02]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... -3.64587057e+02
 2.67196834e+02 2.86368607e+02]
...
```



```

[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.75755984e+02
-4.93436710e+02 -5.43263158e+02]
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... -2.68940148e+02
1.93056936e+02 2.23449315e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -8.19938293e+02
6.02999084e+02 6.66040556e+02]]
[06-24 17:40:26][INFO]
[[-1.50977297e-02 0.00000000e+00 0.00000000e+00 ... 2.07531159e-01
2.66780389e-01 -2.59795069e-01]
[ 0.00000000e+00 4.22837270e+01 0.00000000e+00 ... -1.75133610e+02
-2.32960530e+02 2.35541678e+02]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... -5.39184368e+01
-6.31013456e+01 5.20316390e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.10856781e+02
1.07155584e+02 -1.17160365e+02]
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... -3.79675640e+01
-5.25096243e+01 4.92269716e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.23724768e+02
-1.37204611e+02 1.40887528e+02]]
[06-24 17:40:26][INFO]
[[-1.50977297e-02 0.00000000e+00 0.00000000e+00 ... 7.68778151e-01
-7.35585860e+00 1.54933348e+01]
[ 0.00000000e+00 4.22837270e+01 0.00000000e+00 ... -6.63670218e+02
6.40215422e+03 -1.34767467e+04]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... -1.81932553e+02
1.67553673e+03 -3.54107980e+03]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.90104243e+02
-3.68547516e+03 7.72078191e+03]
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... -1.46126841e+02
1.41646773e+03 -2.98659710e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.51942830e+02
4.32052582e+03 -9.07156584e+03]]
[06-24 17:40:26][INFO]
[[-1.50977297e-02 0.00000000e+00 0.00000000e+00 ... 2.27507219e-03
-1.41604663e-01 -1.34906579e-01]
[ 0.00000000e+00 4.22837270e+01 0.00000000e+00 ... 2.49140024e+00
1.32304552e+02 1.05631266e+02]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... -6.96798289e+00
2.87868733e+01 2.62751098e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 7.92640790e+00
-8.84537877e+01 -7.14469861e+01]
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... 1.73537908e+00
2.48026046e+01 2.81676403e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.09965051e+00
9.60565881e+01 7.99036356e+01]]
[06-24 17:40:26][INFO]
[[-1.50977297e-02 0.00000000e+00 0.00000000e+00 ... 6.75845001e-02
6.18821385e-01 2.18126681e-01]
[ 0.00000000e+00 4.22837270e+01 0.00000000e+00 ... -4.78800281e+01
-4.54191877e+02 -1.66653918e+02]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... -2.02172900e+01

```

```

-1.25480567e+02 -4.53446583e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.34268814e+01
 3.24893651e+02 1.20452534e+02]
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... -1.24077465e+01
-1.39871953e+02 -4.82837069e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.26135375e+01
-3.64020769e+02 -1.33690585e+02]]
[06-24 17:40:26][INFO]
[[-1.50977297e-02 0.00000000e+00 0.00000000e+00 ... -7.27392984e-01
-1.88205559e+00 8.35908968e-01]
[ 0.00000000e+00 4.22837270e+01 0.00000000e+00 ... 5.79273468e+02
1.51873663e+03 -6.54019067e+02]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 1.36031710e+02
3.66054773e+02 -1.66766795e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.76172992e+02
-9.95103058e+02 4.46526384e+02]
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... 1.55235947e+02
3.87509340e+02 -1.78560735e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.28309447e+02
1.11743056e+03 -4.99647966e+02]]
[06-24 17:40:26][INFO]
[[-1.50977297e-02 0.00000000e+00 0.00000000e+00 ... 1.48816905e+00
4.78410381e+00 -1.79545881e+00]
[ 0.00000000e+00 4.22837270e+01 0.00000000e+00 ... -1.05581762e+03
-3.40090799e+03 1.28793784e+03]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... -1.87956990e+02
-6.08758972e+02 2.18026505e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 8.84720194e+02
2.79865890e+03 -1.05100501e+03]
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... -2.70691151e+02
-8.94015567e+02 3.27302258e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.03817803e+03
-3.29492131e+03 1.24206264e+03]]
[06-24 17:40:26][INFO]
[[-1.50977297e-02 0.00000000e+00 0.00000000e+00 ... -9.08229962e-01
-5.91503291e+00 1.42346266e+00]
[ 0.00000000e+00 4.22837270e+01 0.00000000e+00 ... 6.61613239e+02
4.26685831e+03 -1.01897141e+03]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 8.89566496e+01
6.27569737e+02 -1.53932945e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.19987752e+02
-3.47290201e+03 8.35844609e+02]
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... 1.57763001e+02
1.01889189e+03 -2.48211361e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.37069735e+02
4.18451129e+03 -1.00818490e+03]]
[06-24 17:40:26][INFO]
[[-1.50977297e-02 0.00000000e+00 0.00000000e+00 ... 4.96458769e-01
2.45719622e+00 -1.09014609e+00]
[ 0.00000000e+00 4.22837270e+01 0.00000000e+00 ... -3.49322281e+02

```

```

-1.75852199e+03  7.90038874e+02]
[ 0.00000000e+00  0.00000000e+00  9.17846118e+00 ... -5.48907286e+01
-2.29789752e+02  1.03473568e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  3.06512958e+02
 1.45320950e+03 -6.43130317e+02]
[ 0.00000000e+00 -2.84217094e-14  0.00000000e+00 ... -7.62022187e+01
-3.75588165e+02  1.70455785e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -3.47870000e+02
-1.68592888e+03  7.54307437e+02]]
[06-24 17:40:26][INFO]
[[-1.50977297e-02  0.00000000e+00  0.00000000e+00 ... -2.97791817e-01
-1.37829513e+00  9.27763603e-02]
[ 0.00000000e+00  4.22837270e+01  0.00000000e+00 ...  2.24663362e+02
 1.01329462e+03 -6.48305018e+01]
[ 0.00000000e+00  0.00000000e+00  9.17846118e+00 ...  2.19752768e+01
 1.41401538e+02 -1.10073341e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.63439257e+02
-8.16222453e+02  5.67961737e+01]
[ 0.00000000e+00 -2.84217094e-14  0.00000000e+00 ...  5.53957586e+01
 2.59907625e+02 -2.55405473e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.03631519e+02
 9.77310338e+02 -6.70750568e+01]]
[06-24 17:40:26][INFO]
[[-1.50977297e-02  0.00000000e+00  0.00000000e+00 ... -3.16261977e+00
-1.50140971e+01  2.56685747e+00]
[ 0.00000000e+00  4.22837270e+01  0.00000000e+00 ...  2.22215782e+03
 1.05208251e+04 -1.78987766e+03]
[ 0.00000000e+00  0.00000000e+00  9.17846118e+00 ...  3.00813961e+02
 1.46859785e+03 -2.51813949e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.02845576e+03
-9.69319383e+03  1.66743464e+03]
[ 0.00000000e+00 -2.84217094e-14  0.00000000e+00 ...  5.17829803e+02
 2.46096793e+03 -4.24901122e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.30907763e+03
 1.09986613e+04 -1.88534985e+03]]
[06-24 17:40:26][INFO]
[[-1.50977297e-02  0.00000000e+00  0.00000000e+00 ... -3.18488739e+00
-1.51727093e+01  2.74803259e+00]
[ 0.00000000e+00  4.22837270e+01  0.00000000e+00 ...  2.23908763e+03
 1.06414159e+04 -1.92762290e+03]
[ 0.00000000e+00  0.00000000e+00  9.17846118e+00 ...  3.02848147e+02
 1.48308734e+03 -2.68364610e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.04139573e+03
-9.78536519e+03  1.77271762e+03]
[ 0.00000000e+00 -2.84217094e-14  0.00000000e+00 ...  5.21624790e+02
 2.48799959e+03 -4.55778115e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.32497096e+03
 1.11118694e+04 -2.01466212e+03]]
[06-24 17:40:26][INFO]
[[-1.50977297e-02  0.00000000e+00  0.00000000e+00 ... -9.69884100e-03

```

```

5.57358634e-02 8.36827719e-02]
[ 0.00000000e+00 4.22837270e+01 0.00000000e+00 ... 3.32077759e+00
-8.14914470e+01 -5.15563646e+01]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... -5.55102230e+00
3.98153374e+00 -9.58209736e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.84902337e+00
3.81720211e+01 5.40037640e+01]
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... 4.29073059e+00
6.82620308e+00 -2.16751049e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.96003714e+00
-2.94672093e+01 -6.53877296e+01]]
[06-24 17:40:26][INFO]
[[-1.50977297e-02 0.00000000e+00 0.00000000e+00 ... -7.26236387e-03
-1.16213200e-01 7.50536648e-02]
[ 0.00000000e+00 4.22837270e+01 0.00000000e+00 ... 1.35385828e+00
5.73195971e+01 -4.45902588e+01]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... -5.80626263e+00
2.19945642e+01 -8.67812983e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 8.79721463e+00
-9.93173321e+01 4.71039860e+01]
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... 3.86980466e+00
3.65321330e+01 -2.01843398e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.99874675e-02
1.03918928e+02 -5.86938678e+01]]
[06-24 17:40:26][INFO]
[[-1.50977297e-02 0.00000000e+00 0.00000000e+00 ... 1.77764534e-01
9.04528391e-02 -1.35491134e-01]
[ 0.00000000e+00 4.22837270e+01 0.00000000e+00 ... -1.50582916e+02
-1.12386384e+02 1.28300807e+02]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... -4.04467747e+01
-1.66972017e+01 3.07398127e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.71104797e+02
8.19723370e+01 -1.37588172e+02]
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... -5.32095999e+01
-2.72227837e+01 4.47671450e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.52496207e+02
-6.64900859e+01 1.14913424e+02]]
[06-24 17:40:26][INFO]
[[-1.50977297e-02 0.00000000e+00 0.00000000e+00 ... 9.73062185e-01
8.88305096e-01 -8.06529627e-01]
[ 0.00000000e+00 4.22837270e+01 0.00000000e+00 ... -4.28404707e+02
-3.91100577e+02 3.62715074e+02]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... -7.72865877e+02
-7.51468934e+02 6.48724048e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.26617215e+03
1.18055719e+03 -1.06155965e+03]
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... -1.24193047e+03
-1.21976199e+03 1.04775950e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -8.05042657e+02
-7.21132605e+02 6.65504497e+02]]

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[06-24 17:40:26][INFO]
[[-1.50977297e-02  0.00000000e+00  0.00000000e+00 ...  1.76145892e+00
 -2.14149168e+00 -7.40106844e-02]
[ 0.00000000e+00  4.22837270e+01  0.00000000e+00 ... -7.16040022e+02
 7.14277603e+02  9.54659758e+01]
[ 0.00000000e+00  0.00000000e+00  9.17846118e+00 ... -1.42325972e+03
 1.74798482e+03  4.44270089e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.27154426e+03
 -2.68307270e+03 -1.27443505e+02]
[ 0.00000000e+00 -2.84217094e-14  0.00000000e+00 ... -2.29974015e+03
 2.84538465e+03  6.49223195e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.42875704e+03
 1.67579236e+03  8.59960116e+01]]]
[06-24 17:40:26][INFO]
[[-1.50977297e-02  0.00000000e+00  0.00000000e+00 ...  4.68247569e-03
 6.95320314e-02  1.01512194e-01]
[ 0.00000000e+00  4.22837270e+01  0.00000000e+00 ...  1.73816132e+01
 -2.08783854e+02  2.21884242e+01]
[ 0.00000000e+00  0.00000000e+00  9.17846118e+00 ... -1.54954366e+01
 -2.37831420e+01 -9.62254005e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.47676703e+01
 1.44649828e+02  9.70362207e+01]
[ 0.00000000e+00 -2.84217094e-14  0.00000000e+00 ... -2.31325093e+01
 -1.98822923e+01 -1.62537883e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  4.37030861e-01
 -1.22946452e+02 -5.67974881e+01]]]
[06-24 17:40:26][INFO]
[[-1.50977297e-02  0.00000000e+00  0.00000000e+00 ...  1.47543707e-01
 -5.04484925e-01  5.82929327e-02]
[ 0.00000000e+00  4.22837270e+01  0.00000000e+00 ... -1.37256003e+02
 4.12550662e+02  6.89703504e+01]
[ 0.00000000e+00  0.00000000e+00  9.17846118e+00 ... -1.27333927e+02
 4.25584329e+02 -6.23913300e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.71404449e+02
 -4.44537295e+02  5.26747572e+01]
[ 0.00000000e+00 -2.84217094e-14  0.00000000e+00 ... -1.54550854e+02
 5.08157105e+02 -1.22780394e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.34646535e+02
 4.19819816e+02 -1.59311741e+01]]]
[06-24 17:40:26][INFO]
[[-1.50977297e-02  0.00000000e+00  0.00000000e+00 ... -3.15254206e+01
 1.15426607e+02 -2.10271860e+01]
[ 0.00000000e+00  4.22837270e+01  0.00000000e+00 ...  3.47710626e+05
 -1.27279903e+06  2.31639944e+05]
[ 0.00000000e+00  0.00000000e+00  9.17846118e+00 ...  5.99139324e+03
 -2.19705108e+04  4.01099730e+03]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -3.93010146e+04
 1.44034540e+05 -2.62250949e+04]
[ 0.00000000e+00 -2.84217094e-14  0.00000000e+00 ... -9.78931777e+04
 3.58256350e+05 -6.51898116e+04]

```

```

[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.26280708e+05
-4.62292478e+05 8.41419097e+04]]
[06-24 17:40:26][INFO]
[[-1.50977297e-02 0.00000000e+00 0.00000000e+00 ... -1.80848078e-02
8.67309764e-02 -2.96847240e-03]
[ 0.00000000e+00 4.22837270e+01 0.00000000e+00 ... 2.14309814e+02
-7.08541105e+02 -2.37425285e+02]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... -5.60590609e+00
-1.71110424e+01 9.31923695e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.07431363e+01
8.81679840e+01 1.35307266e+01]
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... -8.55512954e+01
2.08954659e+02 7.52690976e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 7.51432635e+01
-2.87873995e+02 -7.25494042e+01]]
[06-24 17:40:26][INFO]
[[-1.50977297e-02 0.00000000e+00 0.00000000e+00 ... 1.73222849e+00
-4.18831964e+00 -1.54291596e+00]
[ 0.00000000e+00 4.22837270e+01 0.00000000e+00 ... -1.29115740e+03
2.96848548e+03 1.08710356e+03]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... -9.64088148e+01
2.04670413e+02 8.92087695e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.82162033e+03
-4.31038234e+03 -1.57090350e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.15514883e+02
1.03757464e+03 3.80294748e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.66946690e+03
3.97324700e+03 1.46238039e+03]]
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[[-1.50977297e-02 0.00000000e+00 0.00000000e+00 ... -4.83471414e+00
1.06298238e+01 4.61577794e+00]
[ 0.00000000e+00 4.22837270e+01 0.00000000e+00 ... 3.77603042e+03
-8.46549840e+03 -3.66507115e+03]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 1.12281306e+02
-2.66233678e+02 -1.06507661e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.33925151e+03
1.18479477e+04 5.14479666e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.03298532e+03
-2.23093022e+03 -9.78156188e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.67988175e+03
-1.03539011e+04 -4.49224674e+03]]
[06-24 17:40:26][INFO]
[[-1.50977297e-02 0.00000000e+00 0.00000000e+00 ... -8.42028131e-02
7.29526660e-01 3.36662462e-01]
[ 0.00000000e+00 4.22837270e+01 0.00000000e+00 ... 6.13078317e+00
-6.08843777e+02 -2.69260728e+02]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 3.60513089e+00
-3.97472319e+01 -8.61548293e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.26665767e+01
7.88765999e+02 3.64787064e+02]

```

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[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.30190953e+01
-1.46951856e+02 -7.74171616e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.70316029e+01
-7.19655986e+02 -3.28124556e+02]]
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[[-1.50977297e-02 0.00000000e+00 0.00000000e+00 ... 3.77454703e-03
-1.17333617e-01 2.33492400e-02]
[ 0.00000000e+00 4.22837270e+01 0.00000000e+00 ... -3.83217289e+01
-1.80948843e+02 -1.10952275e+02]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 1.72301194e+00
-2.16301644e+01 -1.91270449e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.66405457e+01
-1.67153310e+02 1.11252307e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.70218899e+00
1.54501199e+02 3.41115407e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.51096931e+01
7.10269881e+01 -3.55952727e+01]]
[06-24 17:40:26][INFO]
[[-1.50977297e-02 0.00000000e+00 0.00000000e+00 ... 9.22326036e-01
-1.50595121e+00 -2.56094432e-01]
[ 0.00000000e+00 4.22837270e+01 0.00000000e+00 ... 1.52873268e+04
-2.33494543e+04 -4.77335341e+03]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 1.46735408e+02
-2.40852240e+02 -4.60286815e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -8.23958109e+02
1.17920666e+03 2.82065032e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.99497669e+03
1.07317105e+04 2.16265595e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.01729411e+03
-3.01657113e+03 -6.56939665e+02]]
[06-24 17:40:26][INFO]
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-2.22531315e-02 9.13945195e-02]
[ 0.00000000e+00 4.22837270e+01 0.00000000e+00 ... 1.17845656e+03
-8.38534117e+02 4.98808202e+02]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 1.18659494e+01
-2.56659382e+01 4.36894554e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.23947610e+02
6.23291130e+01 2.04871447e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.01579716e+02
3.71395470e+02 -2.63777748e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.17534442e+02
-1.45026814e+02 1.55892922e+01]]
[06-24 17:40:26][INFO]
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4.27034493e-03 2.56134356e-02]
[ 0.00000000e+00 4.22837270e+01 0.00000000e+00 ... -3.04240086e+02
7.21670470e+02 -3.37066754e+03]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... -6.39606126e-01
-1.25066550e+01 -2.82674969e+01]
...

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[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.61645391e+01
-9.56301461e+01 4.12243154e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.39780472e+02
-3.03491811e+02 1.41001554e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.86561269e+01
1.14033362e+02 -6.26907903e+02]]
[06-24 17:40:26][INFO]
[[-1.50977297e-02 0.00000000e+00 0.00000000e+00 ... -6.10667432e-01
3.55364694e-01 -6.31550129e-01]
[ 0.00000000e+00 4.22837270e+01 0.00000000e+00 ... 2.45500328e+04
-1.43789512e+04 2.48940379e+04]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 1.24642066e+02
-8.86235924e+01 1.14204970e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.11414049e+03
1.81231374e+03 -3.15896559e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.01225018e+04
5.93152633e+03 -1.02604279e+04]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.83839634e+03
-2.84302429e+03 4.90798765e+03]]
[06-24 17:40:26][INFO]
[[-1.50977297e-02 0.00000000e+00 0.00000000e+00 ... -8.75002904e-01
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[ 0.00000000e+00 4.22837270e+01 0.00000000e+00 ... 3.74385207e+04
-2.13798546e+04 4.17069530e+04]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 1.91215537e+02
-1.24785665e+02 2.01049457e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.73358874e+03
2.69198255e+03 -5.27152109e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.54375262e+04
8.81859678e+03 -1.71938289e+04]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 7.34891163e+03
-4.20671220e+03 8.18293199e+03]]
[06-24 17:40:26][INFO]
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-2.21218844e-02 4.25537437e-03]
[ 0.00000000e+00 4.22837270e+01 0.00000000e+00 ... -1.43940912e+03
1.67717659e+03 -1.68518264e+03]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 1.61673136e+00
-1.23417776e+01 -1.05641025e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.89803633e+02
-2.27895434e+02 2.23537695e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.86434237e+02
-6.84608716e+02 6.90710504e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.60470504e+02
3.06124827e+02 -3.09993009e+02]]
[06-24 17:40:26][INFO]
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-3.29301648e-02 1.23231675e-02]
[ 0.00000000e+00 4.22837270e+01 0.00000000e+00 ... -2.14458304e+02
-1.26430194e+02 -3.38888325e+02]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 5.32270495e+00

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-1.77984204e+01 -6.49101559e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.16145365e+01
 5.02079579e+00 4.96784043e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.62734594e+01
 3.70996874e+01 1.51994454e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.61664993e+01
-3.88623223e+01 -5.24788751e+01]]
[06-24 17:40:26][INFO]
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[ 0.00000000e+00 4.22837270e+01 0.00000000e+00 ... -2.38743815e+02
 4.90697195e+02 -9.26912000e+01]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 5.69191681e+00
-2.71805889e+01 -1.02339428e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.47738887e+01
-7.52625807e+01 1.76501118e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.05933970e+02
-2.08386837e+02 5.40599309e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.00984046e+01
 6.10526657e+01 -1.26187372e+01]]
[06-24 17:40:26][INFO]
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[ 0.00000000e+00 4.22837270e+01 0.00000000e+00 ... -2.45624151e+03
 4.01641844e+03 -1.91686138e+03]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 4.44446826e+02
-7.24781092e+02 3.50697040e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 7.61494051e+02
-1.23071484e+03 6.15468660e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.22334806e+03
-1.98502481e+03 9.73273273e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.41447706e+02
 5.56084002e+02 -2.68742616e+02]]
[06-24 17:40:26][INFO]
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[ 0.00000000e+00 4.22837270e+01 0.00000000e+00 ... 6.32340029e+01
-3.68122063e+02 -3.79030259e+01]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... -2.03353094e+01
 8.40603080e+01 4.07478775e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.14534596e+01
 1.49219383e+02 2.41093293e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.47395137e+01
 2.56581479e+02 1.26515481e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.80551671e+00
-4.99668818e+01 -9.02455230e+00]]
[06-24 17:40:26][INFO]
[[-1.50977297e-02 0.00000000e+00 0.00000000e+00 ... 3.56004803e+00
-1.69266943e+01 -2.73603685e+00]
[ 0.00000000e+00 4.22837270e+01 0.00000000e+00 ... 3.19657415e+03

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-1.52331032e+04 -2.43963340e+03]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 2.51755426e+02
-1.20677422e+03 -2.04484945e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.02085097e+03
9.59616195e+03 1.55911595e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.95873886e+03
-9.34306823e+03 -1.53836087e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.05240945e+02
-5.16957608e+02 -8.44760986e+01]]
[06-24 17:40:26][INFO]
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6.93877361e+00 1.16382183e+00]
[ 0.00000000e+00 4.22837270e+01 0.00000000e+00 ... -1.24655043e+03
6.59211934e+03 1.12682857e+03]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... -1.28436818e+02
6.60780964e+02 1.00692449e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 7.13201978e+02
-3.83387205e+03 -6.35487356e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.98021655e+02
3.70729496e+03 5.94200391e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.04120669e+02
-1.09296390e+03 -1.74233399e+02]]
[06-24 17:40:26][INFO]
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[ 0.00000000e+00 4.22837270e+01 0.00000000e+00 ... -4.16783584e+02
8.18678663e+02 8.21212589e+01]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... -4.26757310e+01
6.40632806e+01 -7.28394865e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.24451764e+02
-4.33193430e+02 -2.01326610e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.26587956e+02
4.27103042e+02 6.47833181e-01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.47610328e+01
-1.23312487e+02 1.22556520e+00]]
[06-24 17:40:26][INFO]
[[-1.50977297e-02 0.00000000e+00 0.00000000e+00 ... -7.69201447e-02
1.63379037e-01 -1.23296760e-03]
[ 0.00000000e+00 4.22837270e+01 0.00000000e+00 ... -9.07268439e+01
2.18681244e+02 3.25614398e+01]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... -1.29039278e+01
9.27832168e+00 -1.18091892e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.23821675e+01
-9.81557665e+01 7.54146798e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.13176832e+01
8.61756157e+01 -2.75127906e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 7.81080957e+00
-1.85148159e+01 9.88185846e+00]]
[06-24 17:40:26][INFO]
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4.68259858e-01 2.49084086e-01]
[ 0.00000000e+00 4.22837270e+01 0.00000000e+00 ... -2.40895780e+02
5.33017350e+02 2.90641589e+02]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... -3.22088479e+01
4.96877005e+01 2.13682228e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.05818878e+02
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[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.19541783e+02
2.49915598e+02 1.06923052e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.05594742e+01
-6.61326978e+01 -2.92139686e+01]]
[06-24 17:40:26][INFO]
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[ 0.00000000e+00 4.22837270e+01 0.00000000e+00 ... 1.01933872e+03
-1.01323411e+03 -8.22785887e+02]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 1.14333320e+02
-1.30112996e+02 -1.08102979e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.58415739e+02
4.61348141e+02 3.97025109e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.31428910e+02
-5.48796376e+02 -4.68214875e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.45270178e+02
1.49602435e+02 1.26132966e+02]]
[06-24 17:40:26][INFO]
[[-1.50977297e-02 0.00000000e+00 0.00000000e+00 ... 5.18727152e-01
3.24175997e-01 3.28551062e-01]
[ 0.00000000e+00 4.22837270e+01 0.00000000e+00 ... 5.51716518e+02
3.20766449e+02 3.19776125e+02]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 5.46477982e+01
4.01537680e+01 3.77292954e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.32860451e+02
-1.82100524e+02 -1.54084106e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.72858695e+02
1.88835009e+02 1.63561172e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.65161727e+01
-7.50615932e+01 -6.62901798e+01]]
[06-24 17:40:26][INFO]
[[-1.50977297e-02 0.00000000e+00 0.00000000e+00 ... -3.75680498e-02
-3.03587184e-01 -2.25854092e-01]
[ 0.00000000e+00 4.22837270e+01 0.00000000e+00 ... -5.52661963e+01
-3.64196136e+02 -2.85144328e+02]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... -1.40502701e+01
-3.73700319e+01 -3.07353669e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.19126181e+01
1.05403577e+02 9.98233552e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.16908036e+01
-1.32270939e+02 -1.20021552e+02]
[ 0.00000000e+00 -1.42108547e-14 0.00000000e+00 ... -1.27686057e+01
-1.25843617e+02 -9.86970403e+01]]

```

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[06-24 17:40:26][INFO]
[[-1.50977297e-02  0.00000000e+00  0.00000000e+00 ...  3.46651677e+00
  2.45794647e+00  2.29452851e+00]
[ 0.00000000e+00  4.22837270e+01  0.00000000e+00 ...  4.32473650e+03
  3.08763949e+03  2.86525960e+03]
[ 0.00000000e+00  0.00000000e+00  9.17846118e+00 ...  2.93551702e+02
  2.05047957e+02  1.90513461e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.09661401e+03
 -7.76095893e+02 -7.04699136e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.58913028e+03
  1.12931990e+03  1.03140081e+03]
[ 0.00000000e+00 -1.42108547e-14  0.00000000e+00 ...  1.08431243e+03
  7.38754803e+02  6.90400285e+02]]
[06-24 17:40:26][INFO]
[[-1.50977297e-02  0.00000000e+00  0.00000000e+00 ...  1.75962090e-02
 -6.94449507e-02 -4.89832840e-02]
[ 0.00000000e+00  4.22837270e+01  0.00000000e+00 ...  3.60804323e+01
 -5.51155635e+01 -4.88452300e+01]
[ 0.00000000e+00  0.00000000e+00  9.17846118e+00 ... -6.70990118e-01
 -1.05603447e+01 -9.40832247e+00]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -8.35291688e+00
  2.13889112e+01  3.47648957e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  7.59701282e-01
 -3.46483952e+01 -4.78833107e+01]
[ 0.00000000e+00 -1.42108547e-14  0.00000000e+00 ...  1.35432038e+01
 -4.59118502e+01 -3.71781761e+01]]
[06-24 17:40:26][INFO]
[[-1.50977297e-02  0.00000000e+00  0.00000000e+00 ... -1.08002025e-01
  3.56336672e-01  2.95803173e-01]
[ 0.00000000e+00  4.22837270e+01  0.00000000e+00 ... -1.48555276e+02
  5.70804796e+02  4.58008170e+02]
[ 0.00000000e+00  0.00000000e+00  9.17846118e+00 ... -1.87854606e+01
  5.08482309e+01  4.03186833e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.27519377e+01
 -5.01571528e+01 -2.31711743e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -5.24489849e+01
  1.45730581e+02  9.81827118e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -4.20322787e+01
  1.10270638e+02  8.24936800e+01]]
[06-24 17:40:26][INFO]
[[-1.50977297e-02  0.00000000e+00  0.00000000e+00 ...  5.09574591e-02
 -2.68898118e-01  6.96252907e-03]
[ 0.00000000e+00  4.22837270e+01  0.00000000e+00 ...  8.20017189e+01
 -3.36044238e+02  3.90697754e+01]
[ 0.00000000e+00  0.00000000e+00  9.17846118e+00 ...  5.98440614e-01
 -2.53944009e+01  5.09676157e+00]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  4.44081190e+01
 -2.06893377e+02  2.26834051e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.01401749e+01
 -1.00451146e+02 -1.55462260e+01]

```

```

[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.96426159e+00
-8.24472850e+01 -6.53650508e+00]]
[06-24 17:40:26][INFO]
[[-1.50977297e-02 0.00000000e+00 0.00000000e+00 ... 1.75314764e-02
1.26819574e-01 3.83354325e-02]
[ 0.00000000e+00 4.22837270e+01 0.00000000e+00 ... 3.34659822e+01
2.38552173e+02 8.46243666e+01]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... -2.33365247e+00
9.31755106e+00 7.84876062e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.43581767e+01
1.48856636e+02 5.08876300e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.83148379e+00
4.12768380e+01 -4.30988650e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.92676514e+00
-7.70317124e+01 -3.59282059e+01]]
[06-24 17:40:26][INFO]
[[-1.50977297e-02 0.00000000e+00 0.00000000e+00 ... 2.85606244e-02
-1.21748476e-01 6.42894574e-02]
[ 0.00000000e+00 4.22837270e+01 0.00000000e+00 ... 5.28795228e+01
-1.98978081e+02 1.30308722e+02]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... -2.17338336e+00
5.70550602e+00 8.22590928e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.67516964e+01
-1.30460770e+02 8.00523233e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.26906149e+00
9.01139578e+01 -4.50229797e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -8.23655122e+00
4.26369305e+01 -4.84233071e+01]]
[06-24 17:40:26][INFO]
[[-1.50977297e-02 0.00000000e+00 0.00000000e+00 ... 1.36925253e-02
6.25701256e-02 -2.78003019e-02]
[ 0.00000000e+00 4.22837270e+01 0.00000000e+00 ... 2.07464169e+01
1.99373391e+02 -6.87167201e+01]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... -1.80241539e+00
1.10664655e+00 1.05236039e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 8.63535805e+00
9.41259870e+01 -3.21563208e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.45365606e+01
-2.36687207e+01 1.14309135e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.18393879e+00
-1.11338863e+02 2.85064962e+01]]
[06-24 17:40:26][INFO]
[[-1.50977297e-02 0.00000000e+00 0.00000000e+00 ... -5.12846471e-01
-9.72270242e-01 -2.67918699e-01]
[ 0.00000000e+00 4.22837270e+01 0.00000000e+00 ... -1.15969754e+03
-2.12062772e+03 -6.07036413e+02]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 2.55343290e+01
5.48332779e+01 2.29900219e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -8.48487812e+02
-1.59043235e+03 -4.23031532e+02]

```

```

[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.66577354e+02
-3.99276975e+02 -7.57230619e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.78258060e+02
1.21346161e+03 3.35905565e+02]]
[06-24 17:40:26][INFO]
[[-1.50977297e-02 0.00000000e+00 0.00000000e+00 ... 2.57698339e-01
8.74684304e-01 8.23570801e-02]
[ 0.00000000e+00 4.22837270e+01 0.00000000e+00 ... 6.39577986e+02
2.19213913e+03 2.10881804e+02]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 1.90282410e+00
-1.81017071e+00 1.22475658e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.90175875e+02
1.37857802e+03 1.40042649e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.84247226e+02
1.06636910e+03 8.56501824e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.81796385e+02
-1.32743199e+03 -1.45976074e+02]]
[06-24 17:40:26][INFO]
[[-1.50977297e-02 0.00000000e+00 0.00000000e+00 ... 1.94797322e-02
-1.90058944e-02 1.05763723e-02]
[ 0.00000000e+00 4.22837270e+01 0.00000000e+00 ... 5.31217333e+01
-7.98374511e+00 3.41691383e+01]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 2.35346720e-01
-8.06580376e+00 1.17451168e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.84247226e+02
1.06636910e+03 8.56501824e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.60566234e+01
-2.49509237e+01 2.73119722e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.39673342e+01
1.49833650e+01 -3.81540074e+01]]
[06-24 17:40:26][INFO]
[[-1.50977297e-02 0.00000000e+00 0.00000000e+00 ... 0.00000000e+00
1.12643123e-02 -2.25582345e-02]
[ 0.00000000e+00 4.22837270e+01 0.00000000e+00 ... 0.00000000e+00
7.45638913e+01 -5.61897912e+01]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 0.00000000e+00
-7.70009063e+00 1.13447971e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 0.00000000e+00
1.50807036e+03 -3.97848256e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.60566234e+01
-2.49509237e+01 2.73119722e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 0.00000000e+00
-2.22602765e+01 2.61391428e+00]]
[06-24 17:40:26][INFO]
[[-1.50977297e-02 0.00000000e+00 0.00000000e+00 ... 0.00000000e+00
0.00000000e+00 -2.12355220e-02]
[ 0.00000000e+00 4.22837270e+01 0.00000000e+00 ... 0.00000000e+00
0.00000000e+00 -4.74341219e+01]
[ 0.00000000e+00 0.00000000e+00 9.17846118e+00 ... 0.00000000e+00
0.00000000e+00 1.04406135e+01]
...

```

```

[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 0.00000000e+00
 0.00000000e+00 -2.20763005e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.60566234e+01
 0.00000000e+00 2.43821085e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 0.00000000e+00
-2.22602765e+01 2.61391428e+00]]
n = 67: 0.222946 segundos
[06-24 17:40:26][INFO]
[[-8.16475545e-03 -3.74541910e+00 3.37896675e+00 ... 3.31586486e+00
 4.91778572e+00 1.23093735e+00]
[ 0.00000000e+00 -1.83414224e+03 1.65302233e+03 ... 1.62409578e+03
 2.41412403e+03 6.06371093e+02]
[ 0.00000000e+00 -1.05066445e+03 9.54792800e+02 ... 9.35439060e+02
 1.38115313e+03 3.47210108e+02]
...
[ 0.00000000e+00 -8.78690175e+01 8.29813290e+01 ... 7.76334285e+01
 1.15695031e+02 2.73918130e+01]
[ 0.00000000e+00 2.11803597e+03 -1.90481238e+03 ... -1.86768702e+03
-2.77776020e+03 -6.95200710e+02]
[ 0.00000000e+00 -1.13013191e+03 1.02168912e+03 ... 1.00815861e+03
 1.49275182e+03 3.74576500e+02]]
[06-24 17:40:26][INFO]
[[-8.16475545e-03 -4.44089210e-16 2.56525603e-01 ... -1.05130380e-01
 5.65298029e-01 7.82149666e-02]
[ 0.00000000e+00 -4.61042359e+01 3.84356888e+01 ... 4.21107404e+01
 5.35769466e+01 1.41894361e+01]
[ 0.00000000e+00 0.00000000e+00 7.88860381e+01 ... -2.42180545e+01
 1.60193877e+02 2.38485817e+01]
...
[ 0.00000000e+00 0.00000000e+00 9.72762157e+00 ... -2.62447637e+00
 1.35839441e+01 3.48488729e-01]
[ 0.00000000e+00 0.00000000e+00 -1.39070692e+02 ... 6.68871265e+01
-3.16426706e+02 -4.33357485e+01]
[ 0.00000000e+00 0.00000000e+00 7.95327747e+01 ... -2.40825773e+01
 1.79444797e+02 2.67573866e+01]]
[06-24 17:40:26][INFO]
[[-8.16475545e-03 -4.44089210e-16 0.00000000e+00 ... 2.04072677e-01
 2.09213673e-01 2.10572256e-01]
[ 0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... 8.84391861e+01
 2.24192170e-01 3.40207649e+01]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 4.22811400e+00
-4.86917971e+00 1.80988414e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.10070929e+00
 8.09883465e-02 5.36756522e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.00741689e+02
-1.23382046e+02 -1.15090847e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 7.17822282e+01
 6.90449910e+01 6.77932222e+01]]
[06-24 17:40:26][INFO]
[[-8.16475545e-03 -4.44089210e-16 0.00000000e+00 ... -1.66772590e+00
 1.92556304e-01 -8.93407734e-01]
[ 0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... 2.72189084e+01
-3.20614713e-01 -2.08673207e+00]]

```

```
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 1.55257374e+01
-4.76864075e+00 8.47318131e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.78140151e+02
4.17352805e+01 -2.00240328e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.47240088e+02
-1.14055926e+02 5.03004991e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.08416846e+02
6.38817271e+01 -2.74406080e+02]]
[06-24 17:40:26][INFO]
[[-8.16475545e-03 -4.44089210e-16 0.00000000e+00 ... 3.09946765e-01
-6.59583512e-02 1.91119153e-01]
[ 0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... 3.66654964e+01
-1.55544061e+00 3.09363918e+00]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... -2.56782498e+00
-2.40351172e+00 -1.44906477e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.63483771e+01
-1.63667504e+01 4.35107071e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.68391748e+02
3.17756788e+01 -1.08791258e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.12808466e+02
-1.73227359e+01 6.62648327e+01]]
[06-24 17:40:26][INFO]
[[-8.16475545e-03 -4.44089210e-16 0.00000000e+00 ... -9.75071955e-01
3.41393161e-01 -7.06384343e-01]
[ 0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... 2.95454686e+02
-8.35917300e+01 1.83841358e+02]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 2.96160543e+01
-1.26058159e+01 2.10293191e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.51483377e+02
8.43860585e+01 -1.78474472e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.20243461e+02
-2.18222037e+02 4.42020061e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.23729928e+02
1.21060131e+02 -2.38629351e+02]]
[06-24 17:40:26][INFO]
[[-8.16475545e-03 -4.44089210e-16 0.00000000e+00 ... 7.39140969e+00
-2.61168009e+00 5.26123406e+00]
[ 0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... -1.42502417e+03
5.23676691e+02 -1.04333653e+03]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... -3.41609475e+02
1.18423717e+02 -2.43757290e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.84731424e+03
-6.56415557e+02 1.31854947e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.91067728e+03
1.73399812e+03 -3.50305815e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.69277981e+03
-9.43661528e+02 1.91297747e+03]]
[06-24 17:40:26][INFO]
[[-8.16475545e-03 -4.44089210e-16 0.00000000e+00 ... -2.39646809e-01
3.75960304e-01 -1.38386523e-01]
```



```

[ 0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... 2.80639058e+01
-4.52228633e+01 -1.51533059e+01]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 9.31722496e+00
-1.89678468e+01 4.55315522e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.15523953e+01
9.09261885e+01 -3.21358011e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.63369695e+02
-2.52545647e+02 8.72610311e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -8.84716709e+01
1.45228231e+02 -5.49941602e+01]]
[06-24 17:40:26][INFO]
[[-8.16475545e-03 -4.44089210e-16 0.00000000e+00 ... -1.06757542e-02
-5.91860371e-02 4.42124244e-02]
[ 0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... -1.19704107e+01
3.08600563e+01 -4.70797170e+01]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... -1.65191857e+00
1.87838058e+00 -4.19447473e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.78462843e+00
-1.69576925e+01 1.31351370e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.57438336e+00
3.97335111e+01 -3.53870561e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.32800964e+00
-1.65824080e+01 1.29058758e+01]]
[06-24 17:40:26][INFO]
[[-8.16475545e-03 -4.44089210e-16 0.00000000e+00 ... -2.72737908e-01
-6.69943880e-01 4.93100744e-01]
[ 0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... 6.32667049e+01
2.06206469e+02 -1.75953963e+02]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 1.17126353e+01
3.30255950e+01 -2.70867239e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.58901053e+01
-1.59369135e+02 1.17803188e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.00616822e+02
4.84973948e+02 -3.62625148e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -8.38133474e+01
-2.04160243e+02 1.50769842e+02]]
[06-24 17:40:26][INFO]
[[-8.16475545e-03 -4.44089210e-16 0.00000000e+00 ... -4.67053188e-01
2.40526899e-01 -5.86071478e-01]
[ 0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... 1.21209113e+02
-6.52846332e+01 1.45841818e+02]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 2.13593789e+01
-1.21745468e+01 2.64885676e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.11048410e+02
5.22216197e+01 -1.32993290e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.42698702e+02
-1.80755480e+02 4.26457512e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.41783258e+02
6.74597220e+01 -1.71178678e+02]]
[06-24 17:40:26][INFO]

```

```
[[ -8.16475545e-03 -4.44089210e-16 0.00000000e+00 ... -1.52107348e-01
  4.38773282e-01 4.51031004e-02]
[ 0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... 5.84664736e+00
-1.37900901e+02 -8.53530300e+01]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 6.42607764e+00
-2.15744898e+01 -3.43886420e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.42598464e+01
 1.00557089e+02 2.08966270e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.09547877e+02
-3.27515023e+02 -4.07938528e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.13347548e+01
 1.24393601e+02 1.00867601e+01]]
[06-24 17:40:26][INFO]
[[ -8.16475545e-03 -4.44089210e-16 0.00000000e+00 ... -1.43054922e+00
 1.33514051e+00 -3.36596433e-01]
[ 0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... 3.69753316e+02
-3.93050563e+02 2.32972015e+01]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 7.38919848e+01
-6.88775620e+01 1.67041754e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.11981684e+02
 2.95279085e+02 -6.20217269e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.04874065e+03
-9.86021003e+02 2.39617364e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.22719482e+02
 3.84786432e+02 -1.00796167e+02]]
[06-24 17:40:26][INFO]
[[ -8.16475545e-03 -4.44089210e-16 0.00000000e+00 ... -7.54877013e-02
-3.95321881e-01 -2.75820873e-01]
[ 0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... -2.39010809e+01
 1.09660287e+02 5.64149660e+00]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 3.84384489e+00
 2.05764369e+01 1.35624620e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -9.06867083e+00
-9.15517482e+01 -4.84358434e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.08217976e+01
 2.75586966e+02 1.95308438e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.84498241e+01
-1.18710128e+02 -8.31128670e+01]]
[06-24 17:40:26][INFO]
[[ -8.16475545e-03 -4.44089210e-16 0.00000000e+00 ... 4.97238980e-02
 8.68737763e-01 3.92935280e-01]
[ 0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... -3.51508219e+01
-3.91021017e+00 -5.44434601e+01]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... -5.41945036e+00
-7.29401204e+01 -3.59128720e+01]
...
[ 0.00000000e+00 -2.27373675e-13 0.00000000e+00 ... 2.07837729e+01
 3.05932844e+02 1.44418263e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.80032127e+01
-7.22089831e+02 -3.32516733e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.87425182e+00
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```
2.37900114e+02 1.05553305e+02]]
[06-24 17:40:26][INFO]
[[-8.16475545e-03 -4.44089210e-16 0.00000000e+00 ... -1.11975621e-01
 8.62841546e-02 -2.38272055e-01]
[ 0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... -2.93579561e+01
 2.41210964e+01 -3.18305331e+01]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 7.74036011e+00
-9.26064085e+00 1.54575277e+01]
...
[ 0.00000000e+00 -2.27373675e-13 0.00000000e+00 ... -3.91947283e+01
 1.57007198e+01 -8.97127365e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.74803878e+01
-6.64933701e+01 1.96354616e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.37527551e+01
 4.13086313e+01 -5.30375494e+01]]
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[[-8.16475545e-03 -4.44089210e-16 0.00000000e+00 ... 1.92931808e-01
-1.35114700e-01 -1.48984472e-01]
[ 0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... 2.07444905e+01
-1.22592053e+01 -1.71587804e+01]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... -1.74094635e+01
 9.00110554e+00 8.09277773e+00]
...
[ 0.00000000e+00 -2.27373675e-13 0.00000000e+00 ... 6.09621346e+01
-5.70250081e+01 -6.03832961e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.56693239e+02
 1.18066744e+02 1.21923668e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.97713604e+01
-3.38621202e+01 -2.27220594e+01]]
[06-24 17:40:26][INFO]
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-2.17633603e+00 -2.99517801e+00]
[ 0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... 1.23406626e+03
-7.49048594e+02 -1.04450705e+03]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... -3.04795224e+02
 1.83516049e+02 2.51429106e+02]
...
[ 0.00000000e+00 -2.27373675e-13 0.00000000e+00 ... 4.51853036e+02
-2.94393427e+02 -3.91359879e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.07655914e+03
 1.89115470e+03 2.59424326e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.10077274e+03
-1.26718728e+03 -1.74241902e+03]]
[06-24 17:40:26][INFO]
[[-8.16475545e-03 -4.44089210e-16 0.00000000e+00 ... -9.63771989e+00
 6.42919049e+00 8.12574662e+00]
[ 0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... -1.75945952e+03
 1.20370507e+03 1.47903712e+03]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 9.53407964e+02
-6.37242170e+02 -8.09236997e+02]
...
[ 0.00000000e+00 -2.27373675e-13 0.00000000e+00 ... -1.69075434e+03
 1.10328433e+03 1.41485953e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 7.86484990e+03
```

```

-5.24620711e+03 -6.62937165e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.23463066e+03
 3.51788454e+03 4.44133080e+03]]
[06-24 17:40:26][INFO]
[[-8.16475545e-03 -4.44089210e-16 0.00000000e+00 ... -2.12970930e-01
-3.20174052e-01 -1.47785977e-01]
[ 0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... -2.03745507e+01
-4.17093714e+01 -4.76217045e+01]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 1.94507862e+01
 3.15944741e+01 1.06389681e+01]
...
[ 0.00000000e+00 -2.27373675e-13 0.00000000e+00 ... -4.26852049e+01
-7.69507518e+01 -3.19008847e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.83873809e+02
 2.54385840e+02 1.13386838e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -9.52074679e+01
-1.62620990e+02 -7.03209633e+01]]
[06-24 17:40:26][INFO]
[[-8.16475545e-03 -4.44089210e-16 0.00000000e+00 ... -2.43154692e-01
 8.11580450e-01 8.61411867e-02]
[ 0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... -2.16213582e+01
 5.04026992e+00 -3.79588218e+01]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 2.25297277e+01
-8.38519011e+01 -1.32231354e+01]
...
[ 0.00000000e+00 -2.27373675e-13 0.00000000e+00 ... -4.83748513e+01
 1.36385245e+02 1.21944421e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.07147249e+02
-6.18262861e+02 -6.69846431e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.09474971e+02
 3.72345816e+02 4.02536073e+01]]
[06-24 17:40:26][INFO]
[[-8.16475545e-03 -4.44089210e-16 0.00000000e+00 ... 1.96956500e-01
-8.03295666e-01 -1.13471596e-01]
[ 0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... 1.06956418e+01
-1.13538745e+02 -5.26162229e+01]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... -3.72998355e+01
 1.35677469e+02 1.39126107e+01]
...
[ 0.00000000e+00 -2.27373675e-13 0.00000000e+00 ... 5.28817315e+01
-2.35150040e+02 -3.37305619e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.08903065e+01
 2.91847881e+02 4.55129881e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.02100372e+01
-1.76885261e+02 -2.76361477e+01]]
[06-24 17:40:26][INFO]
[[-8.16475545e-03 -4.44089210e-16 0.00000000e+00 ... -7.61835192e-02
 6.66593864e-01 1.85509003e-01]
[ 0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... -2.84095060e+01
 9.69036778e+01 -9.81150860e+00]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 1.15069328e+01
-1.26973746e+02 -3.95115520e+01]
...
[ 0.00000000e+00 -2.27373675e-13 0.00000000e+00 ... -1.80595804e+01

```

```

1.46617128e+02 4.39221965e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.91913874e+01
-2.46736814e+02 -6.40369961e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.06625861e+01
2.04512263e+02 4.99414238e+01]]
[06-24 17:40:26][INFO]
[[-8.16475545e-03 -4.44089210e-16 0.00000000e+00 ... 8.58927660e-02
-1.38704532e+00 -5.09379026e-01]
[ 0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... -9.99003115e+00
-1.36486144e+02 -8.87834111e+01]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... -2.18641669e+01
2.95865400e+02 1.03564146e+02]
...
[ 0.00000000e+00 -2.27373675e-13 0.00000000e+00 ... 1.72622028e+01
-3.00938775e+02 -1.07516888e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.67144243e+00
4.31404692e+02 1.65425131e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.23304861e+01
-4.66953335e+02 -1.77261781e+02]]
[06-24 17:40:26][INFO]
[[-8.16475545e-03 -4.44089210e-16 0.00000000e+00 ... 1.51926475e-01
6.12315277e-02 9.58006448e-02]
[ 0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... -2.87050348e+00
1.96620912e+01 -2.35350176e+01]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... -3.58921735e+01
-1.18022696e+01 -2.49984411e+01]
...
[ 0.00000000e+00 -2.27373675e-13 0.00000000e+00 ... 3.14679868e+01
1.06279756e+01 2.26749762e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.42156354e+01
-4.76639356e+00 -1.68341345e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.28258092e+01
-1.74419782e+01 1.05718740e+01]]
[06-24 17:40:26][INFO]
[[-8.16475545e-03 -4.44089210e-16 0.00000000e+00 ... -3.03020460e+01
1.24644419e+01 -7.42199217e+00]
[ 0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... -6.28516951e+03
2.57829961e+03 -1.57436791e+03]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 9.26237078e+03
-3.79877331e+03 2.27034790e+03]
...
[ 0.00000000e+00 -2.27373675e-13 0.00000000e+00 ... -7.38356953e+03
3.03060412e+03 -1.80778296e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.04062067e+03
-1.65620900e+03 9.84132791e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.94421262e+04
-1.62004511e+04 9.65034049e+03]]
[06-24 17:40:26][INFO]
[[-8.16475545e-03 -4.44089210e-16 0.00000000e+00 ... 3.63621587e+00
-6.80996599e-01 6.75060131e-01]
[ 0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... 4.94416672e+02
-4.76637926e+01 4.31181000e+01]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... -9.73877480e+02
1.66072410e+02 -1.71834841e+02]

```

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...
[ 0.00000000e+00 -2.27373675e-13 0.00000000e+00 ... 8.44149417e+02
-1.56270151e+02 1.55201200e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.69442237e+02
5.19577561e+01 -6.80280446e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.53167502e+03
8.32091735e+02 -8.41009048e+02]]
[06-24 17:40:26][INFO]
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-1.47364324e-01 -2.36220855e-02]
[ 0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... -2.49024395e+02
5.68925513e+01 -9.37770273e+01]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 9.98181817e+01
1.50695968e+01 2.58724297e+01]
...
[ 0.00000000e+00 -2.27373675e-13 0.00000000e+00 ... -7.06917841e+01
-2.76083712e+01 -1.32550613e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.38311889e+02
-1.33109708e+02 -5.16826850e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.76088036e+02
1.55935749e+02 4.42787909e+01]]
[06-24 17:40:26][INFO]
[[-8.16475545e-03 -4.44089210e-16 0.00000000e+00 ... 2.62268737e-01
-5.83274018e-01 1.71627703e-02]
[ 0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... 6.00694664e+01
-2.63596714e+02 -6.37912099e+01]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... -6.41827684e+01
1.85116791e+02 9.96236758e+00]
...
[ 0.00000000e+00 -2.27373675e-13 0.00000000e+00 ... 5.52679329e+01
-1.58211861e+02 -1.03545581e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.97572604e+02
-6.88750723e+02 3.04547656e-01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.71288920e+02
7.23492922e+02 -8.82334885e+00]]
[06-24 17:40:26][INFO]
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2.58477484e+00 -2.83588540e+00]
[ 0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... -2.95284135e+03
1.93822117e+03 -2.04668123e+03]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 1.77351114e+03
-1.15785933e+03 1.21940570e+03]
...
[ 0.00000000e+00 -2.27373675e-13 0.00000000e+00 ... -1.77863065e+03
1.18199067e+03 -1.20798097e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.29180497e+03
2.66513999e+03 -3.02010713e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.35142877e+03
-4.11635104e+03 4.34979250e+03]]
[06-24 17:40:26][INFO]
[[-8.16475545e-03 -4.44089210e-16 0.00000000e+00 ... -6.45267816e+00
1.77911279e+00 -5.25906698e+00]
[ 0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... -4.84435179e+03
1.29788458e+03 -3.97261510e+03]

```

```

[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 2.82353209e+03
-8.02393766e+02 2.28853590e+03]
...
[ 0.00000000e+00 -2.27373675e-13 0.00000000e+00 ... -2.93623438e+03
7.90104898e+02 -2.38665183e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.71321999e+03
1.84541381e+03 -5.48558926e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.01482842e+04
-2.83099444e+03 8.21574653e+03]]
[06-24 17:40:26][INFO]
[[-8.16475545e-03 -4.44089210e-16 0.00000000e+00 ... -3.82024303e-01
3.05550614e-01 -3.33401820e-01]
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1.80988148e+02 -2.39173831e+02]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 2.04369538e+02
-1.66630476e+02 1.63374748e+02]
...
[ 0.00000000e+00 -2.27373675e-13 0.00000000e+00 ... -1.57990173e+02
1.15726870e+02 -1.32413488e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.82750915e+02
3.08785303e+02 -3.49112750e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.72028220e+02
-5.30772314e+02 5.26811396e+02]]
[06-24 17:40:26][INFO]
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-1.55468482e-02 2.44776718e-01]
[ 0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... 1.04440123e+02
-6.68749259e+01 2.07136485e+02]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... -2.43628222e+01
-3.48078332e+00 -1.30397897e+02]
...
[ 0.00000000e+00 -2.27373675e-13 0.00000000e+00 ... 3.71736221e+01
-2.34791136e+01 1.18245335e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.79861184e+01
-3.41137048e+01 2.68322359e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.47403344e+01
1.88104558e+00 -4.32301574e+02]]
[06-24 17:40:26][INFO]
[[-8.16475545e-03 -4.44089210e-16 0.00000000e+00 ... -1.11295567e+00
1.55813234e+00 1.02452105e+00]
[ 0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... -1.18541128e+03
1.65169841e+03 1.05867461e+03]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 4.63965922e+02
-6.54120661e+02 -4.52784292e+02]
...
[ 0.00000000e+00 -2.27373675e-13 0.00000000e+00 ... -6.04274435e+02
8.31174009e+02 5.41718515e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.31811890e+03
1.85267753e+03 1.20321099e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.63207804e+03
-2.27225111e+03 -1.55911425e+03]]
[06-24 17:40:26][INFO]
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-1.00051834e+00 3.94292183e+00]

```

```

[ 0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... 1.08309452e+03
-1.11140187e+03 4.21027091e+03]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... -4.22675749e+02
4.25832430e+02 -1.68458040e+03]
...
[ 0.00000000e+00 -2.27373675e-13 0.00000000e+00 ... 5.36733550e+02
-5.58604006e+02 2.12690139e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.21296845e+03
-1.23025404e+03 4.71960734e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.41115349e+03
1.43448567e+03 -5.78702374e+03]]
[06-24 17:40:26][INFO]
[[-8.16475545e-03 -4.44089210e-16 0.00000000e+00 ... -1.60028886e-01
6.81706081e-01 -4.00462484e-02]
[ 0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... -1.57570215e+02
7.07043283e+02 -9.52241960e+01]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 6.83022004e+01
-2.93795079e+02 1.92668233e+01]
...
[ 0.00000000e+00 -2.27373675e-13 0.00000000e+00 ... -8.21998974e+01
3.48568170e+02 -2.09914734e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.55944133e+02
7.76164272e+02 -3.09479518e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.70502209e+02
-1.03032094e+03 4.88480745e+01]]
[06-24 17:40:26][INFO]
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-7.18262585e-01 8.44158974e-02]
[ 0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... 3.91750523e+02
-6.95076094e+02 2.94291557e+01]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... -1.72178550e+02
3.20022489e+02 -3.53037207e+01]
...
[ 0.00000000e+00 -2.27373675e-13 0.00000000e+00 ... 2.23363154e+02
-4.31369387e+02 4.83477228e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.92843357e+02
-8.79840040e+02 1.16276665e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.47661552e+02
1.05800958e+03 -1.36811865e+02]]
[06-24 17:40:26][INFO]
[[-8.16475545e-03 -4.44089210e-16 0.00000000e+00 ... -8.50852818e-02
3.29845776e-01 6.92494091e-01]
[ 0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... -7.54701122e+01
3.39057262e+02 6.29399508e+02]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 3.30195054e+01
-1.34157265e+02 -2.98803961e+02]
...
[ 0.00000000e+00 -2.27373675e-13 0.00000000e+00 ... -5.67705551e+01
1.88670891e+02 4.08074814e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.17078901e+02
4.70145180e+02 8.99493939e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.41703045e+02
-4.67811139e+02 -1.02204314e+03]]
[06-24 17:40:26][INFO]

```



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[[ -8.16475545e-03 -4.44089210e-16 0.00000000e+00 ... -1.95257816e-01
  4.22180675e-01 3.58535500e-01]
[ 0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... -1.82816801e+02
  4.29023838e+02 3.04006712e+02]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 8.08457694e+01
 -1.74240152e+02 -1.53831424e+02]
...
[ 0.00000000e+00 -2.27373675e-13 0.00000000e+00 ... -1.17773360e+02
  2.39796952e+02 2.23161117e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.56972313e+02
  5.87388957e+02 4.75444451e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.98259709e+02
 -5.99020282e+02 -5.47483460e+02]]
[06-24 17:40:26][INFO]
[[ -8.16475545e-03 -4.44089210e-16 0.00000000e+00 ... -2.44492583e-02
  8.40644742e-02 2.94053106e-03]
[ 0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... -2.97178180e+01
  1.25963808e+02 -1.47198723e+01]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 7.70661536e+00
 -2.94609139e+01 -1.56788692e+00]
...
[ 0.00000000e+00 -2.27373675e-13 0.00000000e+00 ... -1.16095586e+01
  2.96452974e+01 2.14576457e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.35383698e+01
  1.25305563e+02 -1.05261397e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.71706048e+01
 -8.21933897e+01 -3.93942924e+00]]
[06-24 17:40:26][INFO]
[[ -8.16475545e-03 -4.44089210e-16 0.00000000e+00 ... -2.02593700e-02
 -5.71254357e-02 3.17554856e-02]
[ 0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... -2.42760175e+01
 -5.74127523e+01 2.27048082e+01]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 6.25731864e+00
 1.93771591e+01 -1.15350783e+01]
...
[ 0.00000000e+00 -2.27373675e-13 0.00000000e+00 ... -1.00915512e+01
 -2.15081718e+01 1.25854971e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.84089786e+01
 -4.75435006e+01 2.47500207e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.32654016e+01
 4.94032640e+01 -3.07965297e+01]]
[06-24 17:40:26][INFO]
[[ -8.16475545e-03 -4.44089210e-16 0.00000000e+00 ... 1.58132386e-01
 -2.63787825e-01 -7.40516643e-02]
[ 0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... 1.36956104e+02
 -2.44196134e+02 -7.29246740e+01]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... -4.42428771e+01
 7.78803735e+01 1.84174370e+01]
...
[ 0.00000000e+00 -2.27373675e-13 0.00000000e+00 ... 3.96623570e+01
 -7.91468308e+01 -1.69243825e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.88264799e+02
 -2.86969906e+02 -9.78316721e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.00514748e+02
```

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2.04384223e+02 4.85507265e+01]]
[06-24 17:40:26][INFO]
[[-8.16475545e-03 -4.44089210e-16 0.00000000e+00 ... -1.07286998e-02
 7.31770141e-02 -1.99670281e-03]
[0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... -3.16685865e+01
9.22969747e+01 -9.70585117e-01]
[0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 3.84168107e+00
-1.80730866e+01 -2.10079540e+00]
...
[0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.86733460e+00
-3.64826458e+01 8.19326009e+00]
[0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.43878348e+01
1.17426478e+02 -1.13574694e+01]
[0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.98249024e+00
-1.01281348e+01 2.68042230e+00]]
[06-24 17:40:26][INFO]
[[-8.16475545e-03 -4.44089210e-16 0.00000000e+00 ... -8.50364260e-02
5.30406330e-01 3.94653242e-02]
[0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... -1.30775136e+02
7.02118084e+02 5.43286235e+01]
[0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 2.33555874e+01
-1.38145796e+02 -1.29891129e+01]
...
[0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.73623188e+01
-1.81051671e+02 -4.91640856e+00]
[0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.64292364e+02
1.03981704e+03 7.22858601e+01]
[0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.87251445e+01
-1.43914747e+02 -9.45148596e+00]]
[06-24 17:40:26][INFO]
[[-8.16475545e-03 -4.44089210e-16 0.00000000e+00 ... 1.02073577e-01
3.19704512e-02 6.51381714e-02]
[0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... 1.40385388e+02
-2.02170784e+01 9.15338109e+01]
[0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... -2.76578560e+01
-2.25284530e+00 -1.99885267e+01]
...
[0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.26525551e+01
-2.11801199e+01 -1.31508838e+01]
[0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.08519390e+02
4.66966753e+01 1.23438332e+02]
[0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.10397846e+01
1.52909852e+01 -1.76516670e+01]]
[06-24 17:40:26][INFO]
[[-8.16475545e-03 -4.44089210e-16 0.00000000e+00 ... -4.93184483e-01
-6.97707471e-01 -3.97840273e-01]
[0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... -1.12224446e+03
-1.56797122e+03 -8.90511532e+02]
[0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 1.83812940e+02
2.56971819e+02 1.44488743e+02]
...
[0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.51536564e+02
2.04602179e+02 1.30107305e+02]
[0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.10555277e+03

```

```

-1.56411636e+03 -8.98617688e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.23029421e+02
 3.26733539e+02 1.79957696e+02]]
[06-24 17:40:26][INFO]
[[-8.16475545e-03 -4.44089210e-16 0.00000000e+00 ... -4.49879565e-02
-1.14531283e-01 -9.80958767e-02]
[ 0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... -3.42850094e+01
-1.52359964e+02 -1.62907164e+02]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 1.89916659e+01
 4.25126779e+01 3.42597461e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.03435698e+01
 2.08872528e+01 3.56804049e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.27046521e+02
-2.90921434e+02 -2.44213321e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.66543159e+01
 9.72409934e+01 6.20017400e+01]]
[06-24 17:40:26][INFO]
[[-8.16475545e-03 -4.44089210e-16 0.00000000e+00 ... 6.65197921e-02
 1.78707180e-01 1.59822459e-01]
[ 0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... -1.13034790e+03
-3.03474080e+03 -2.69810960e+03]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... -1.36535324e+02
-3.66485764e+02 -3.25475454e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.63418517e+02
-2.01392026e+03 -1.75403763e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.26000953e+03
 3.35670118e+03 2.96405869e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.20716440e+03
-3.19999957e+03 -2.83809120e+03]]
[06-24 17:40:26][INFO]
[[-8.16475545e-03 -4.44089210e-16 0.00000000e+00 ... 3.08460002e-03
-4.31755573e-02 -2.35485442e-02]
[ 0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... -4.84632286e+02
-7.76165652e+02 -8.31550743e+02]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... -5.85840927e+01
-9.38290257e+01 -1.00143191e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.92576257e+02
-7.16793336e+02 -6.82050386e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.43320704e+02
 8.49876905e+02 8.92338795e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.55538226e+02
-9.20750567e+02 -9.54446806e+02]]
[06-24 17:40:26][INFO]
[[-8.16475545e-03 -4.44089210e-16 0.00000000e+00 ... 2.09524677e-02
-2.25135335e-02 3.67855478e-03]
[ 0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... 8.91944243e+01
-1.12604595e+02 4.28477538e+01]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 7.49961573e+00
-1.74112246e+01 5.55320416e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 8.58291128e+01

```

```

-1.63575497e+02  4.69448469e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -4.94620137e+01
 1.64395522e+02 -1.09449116e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  9.91928033e+01
-1.63633468e+02  4.32338843e+01]]
[06-24 17:40:26][INFO]
[[-8.16475545e-03 -4.44089210e-16  0.00000000e+00 ... -1.46089497e-01
 2.71398643e-01 -9.81700484e-02]
[ 0.00000000e+00 -4.61042359e+01  0.00000000e+00 ... -2.92586458e+02
 5.59143072e+02 -1.89931175e+02]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... -1.28720991e+02
 2.22270434e+02 -8.25009258e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -3.08119420e+02
 5.29581285e+02 -1.93252925e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  9.42374689e+02
-1.58075208e+03  5.93796435e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -5.69618532e+02
 1.01314744e+03 -3.64552868e+02]]
[06-24 17:40:26][INFO]
[[-8.16475545e-03 -4.44089210e-16  0.00000000e+00 ... -4.02187893e-02
 8.94330094e-02 -3.17677944e-02]
[ 0.00000000e+00 -4.61042359e+01  0.00000000e+00 ... -5.15534037e+02
 9.42334968e+02 -3.29764203e+02]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ...  1.36227677e+01
-2.23833789e+01  6.77727621e+00]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  5.14352557e+01
-1.21260316e+02  3.65102290e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -8.94339408e+01
 1.92672459e+02 -5.33553604e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.72968178e+02
 3.31403318e+02 -1.15773219e+02]]
[06-24 17:40:26][INFO]
[[-8.16475545e-03 -4.44089210e-16  0.00000000e+00 ...  3.86054135e-01
-2.96541645e-01  1.45230266e-01]
[ 0.00000000e+00 -4.61042359e+01  0.00000000e+00 ...  2.71655706e+03
-1.98420616e+03  1.01227237e+03]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... -6.31541601e+01
 4.71353412e+01 -2.51022229e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -4.75815563e+02
 3.56146154e+02 -1.82416114e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  7.22160594e+02
-5.42196921e+02  2.83636859e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  8.10331066e+02
-5.58938441e+02  2.92514639e+02]]
[06-24 17:40:26][INFO]
[[-8.16475545e-03 -4.44089210e-16  0.00000000e+00 ...  1.15546705e-02
-1.24515196e-02  1.19324882e-02]
[ 0.00000000e+00 -4.61042359e+01  0.00000000e+00 ... -1.80615338e+01
 9.02377675e+01  3.89236322e+01]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... -3.42932529e+00
 1.82890591e+00 -3.84401425e+00]

```

```

...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.81645539e+01
-4.13379301e+01 4.08718433e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.83437626e+01
-3.10487730e+01 4.38013050e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -9.45154736e+00
6.29373346e+01 7.24633680e-01]]
[06-24 17:40:26][INFO]
[[-8.16475545e-03 -4.44089210e-16 0.00000000e+00 ... 1.26113022e-02
-1.29947138e-02 1.53907024e-02]
[ 0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... -1.89949375e+02
1.78602026e+02 -5.23642262e+02]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 5.61755905e+00
-2.82192466e+00 2.57652271e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.04280576e+01
-6.30647907e+01 1.42409974e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.03462763e+01
-5.26414637e+01 1.81269910e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.09558898e+02
1.14400613e+02 -3.26913324e+02]]
[06-24 17:40:26][INFO]
[[-8.16475545e-03 -4.44089210e-16 0.00000000e+00 ... 3.56075593e-02
-2.52260227e-02 6.80388726e-02]
[ 0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... 5.12716076e+02
-1.95133500e+02 1.08505650e+03]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... -2.30999759e+01
1.24524325e+01 -3.99813709e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.16151309e+02
2.59564220e+02 -1.24630705e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.21152737e+02
1.13039441e+02 -5.31883236e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.77710275e+02
-9.15811215e+01 5.59709803e+02]]
[06-24 17:40:26][INFO]
[[-8.16475545e-03 -4.44089210e-16 0.00000000e+00 ... 9.04074492e-04
-2.05400839e-03 9.44014717e-03]
[ 0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... -9.29804536e+01
2.09298757e+02 6.23048984e+01]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 7.47958652e-01
-3.47117535e+00 2.87166341e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.34891848e+02
-1.75146631e+02 -1.46985200e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.99534611e+01
-7.46591977e+01 -5.72201002e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.21530479e+01
1.15319062e+02 3.64886942e+01]]
[06-24 17:40:26][INFO]
[[-8.16475545e-03 -4.44089210e-16 0.00000000e+00 ... 8.40865526e-02
-3.00393543e-01 -8.49589909e-02]
[ 0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... 3.00972014e+02
-1.20363818e+03 -3.84769705e+02]

```

```
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... -4.47552406e+01
 1.59729100e+02  5.19262000e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -9.91269771e+02
 3.86390752e+03  1.13103258e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.68897580e+02
 1.10478711e+03  3.15974539e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -4.01556337e+02
 1.48612809e+03  4.40560078e+02]]
[06-24 17:40:26][INFO]
[[-8.16475545e-03 -4.44089210e-16  0.00000000e+00 ...  2.51738950e-02
 5.35914071e-02 -2.78550593e-02]
[ 0.00000000e+00 -4.61042359e+01  0.00000000e+00 ...  4.89523222e+01
 3.10657417e+02 -1.40487477e+02]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... -4.22097677e+00
 -8.38266991e+01  1.26364120e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.79222292e+02
 -1.01539343e+03  3.43916440e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -3.51399378e+01
 -2.99778409e+02  8.93936816e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -6.64447355e+01
 -5.27436876e+02  1.15737014e+02]]
[06-24 17:40:26][INFO]
[[-8.16475545e-03 -4.44089210e-16  0.00000000e+00 ... -1.37453724e+02
 -7.41818251e+02  2.53522869e+02]
[ 0.00000000e+00 -4.61042359e+01  0.00000000e+00 ... -4.45823895e+05
 -2.40573504e+06  8.22177592e+05]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... -4.71262905e+05
 -2.54311809e+06  8.69149518e+05]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -3.24940105e+05
 -1.75350947e+06  5.99296615e+05]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -3.43677863e+05
 -1.85468517e+06  6.33865649e+05]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.77002123e+06
 -9.55166322e+06  3.26442266e+06]]
[06-24 17:40:26][INFO]
[[-8.16475545e-03 -4.44089210e-16  0.00000000e+00 ...  1.05294810e-02
 -5.01607234e-03 -6.50639711e-03]
[ 0.00000000e+00 -4.61042359e+01  0.00000000e+00 ... -1.03176117e+01
 5.70382039e+01 -4.95322547e+01]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ...  1.31983530e+00
 1.60698950e+01 -1.69859545e+01]
...
[ 0.00000000e+00  0.00000000e+00  1.42108547e-14 ... -1.03936755e+01
 -9.30779895e+01  9.30026802e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.19168685e+01
 5.20062619e+00 -1.15434846e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.86159068e+00
 7.85753336e+01 -7.44061648e+01]]
[06-24 17:40:26][INFO]
[[-8.16475545e-03 -4.44089210e-16  0.00000000e+00 ...  8.29567122e-03
 -5.82435020e-02  1.58886744e-02]
```

```
[ 0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... -1.53354822e+01
-6.25280876e+01 7.74432344e-01]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... -2.28881001e+00
-6.99172445e+01 1.91925374e+01]
...
[ 0.00000000e+00 0.00000000e+00 1.42108547e-14 ... 9.02751417e+00
3.69691942e+02 -1.01704556e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.28509820e+00
-1.52821821e+02 5.49433628e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.24200968e+01
-1.49185648e+02 2.14226867e+01]]
[06-24 17:40:26][INFO]
[[-8.16475545e-03 -4.44089210e-16 0.00000000e+00 ... 1.21312308e-02
-1.90448549e-02 3.68883352e-03]
[ 0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... -4.55581286e+00
4.76379633e+01 -3.35126768e+01]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 3.31657981e+00
-1.26312891e+01 1.36336238e+00]
...
[ 0.00000000e+00 0.00000000e+00 1.42108547e-14 ... -2.33610702e+01
3.86871307e+01 1.31445966e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.94171930e+01
-8.39465696e+00 9.99312747e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.31539371e-01
-2.46210449e+01 -1.73457005e+01]]
[06-24 17:40:26][INFO]
[[-8.16475545e-03 -4.44089210e-16 0.00000000e+00 ... 9.31255419e-03
-3.18772559e-01 -2.07471457e-01]
[ 0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... -8.40986204e-01
4.42658963e+02 2.44782415e+02]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 1.43594180e+00
-2.12611417e+02 -1.39524054e+02]
...
[ 0.00000000e+00 0.00000000e+00 1.42108547e-14 ... -1.70887794e+01
7.05659459e+02 4.71201189e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.70596160e+01
-2.59090720e+02 -1.66624024e+02]
[ 0.00000000e+00 2.27373675e-13 0.00000000e+00 ... -1.66755313e+00
5.33309940e+02 3.29445623e+02]]
[06-24 17:40:26][INFO]
[[-8.16475545e-03 -4.44089210e-16 0.00000000e+00 ... -1.57809430e-02
6.23316963e-02 3.76207826e-02]
[ 0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... 3.45086689e+01
-9.42093692e+01 -1.00483375e+02]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... -1.51000290e+01
3.85265086e+01 2.19854430e+01]
...
[ 0.00000000e+00 0.00000000e+00 1.42108547e-14 ... 3.91920731e+01
-1.49098735e+02 -7.85029854e+01]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -1.92445342e+01
5.67676633e+01 3.73673299e+01]
[ 0.00000000e+00 2.27373675e-13 0.00000000e+00 ... 4.07306723e+01
-1.10607646e+02 -8.46646923e+01]]
[06-24 17:40:26][INFO]
```

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[[-8.16475545e-03 -4.44089210e-16 0.00000000e+00 ... -7.24366720e-02
 3.31360185e-01 1.72264576e-01]
[ 0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... 1.53982882e+02
-6.61530053e+02 -3.84416907e+02]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... -4.79744201e+01
1.94629835e+02 1.00112277e+02]
...
[ 0.00000000e+00 0.00000000e+00 1.42108547e-14 ... 1.39456133e+02
-6.25200427e+02 -3.16783095e+02]
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -4.61584496e+01
1.84567802e+02 1.01328941e+02]
[ 0.00000000e+00 2.27373675e-13 0.00000000e+00 ... 1.14077211e+02
-4.58892080e+02 -2.58974624e+02]]
[06-24 17:40:26][INFO]
[[-8.16475545e-03 -4.44089210e-16 0.00000000e+00 ... 8.13289213e-02
-2.83482336e-01 -1.65288023e-01]
[ 0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... -1.80534901e+02
6.76062790e+02 3.49930386e+02]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 3.80719333e+01
-1.49432550e+02 -8.87802421e+01]
...
[ 0.00000000e+00 0.00000000e+00 1.42108547e-14 ... -1.63844966e+02
5.87570311e+02 3.49036039e+02]
[ 0.00000000e+00 1.13686838e-13 0.00000000e+00 ... -1.95514693e+02
7.34707535e+02 4.32115694e+02]
[ 0.00000000e+00 2.27373675e-13 0.00000000e+00 ... -5.82508002e+01
2.30173574e+02 1.19326965e+02]]
[06-24 17:40:26][INFO]
[[-8.16475545e-03 -4.44089210e-16 0.00000000e+00 ... -1.25743591e-02
4.15499405e-02 2.83230263e-03]
[ 0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... 5.16345614e+01
-1.27557368e+02 -6.57356650e+01]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... -1.07592711e+01
1.95894204e+01 -1.35498967e+00]
...
[ 0.00000000e+00 0.00000000e+00 1.42108547e-14 ... 2.81435638e+01
-7.69695070e+01 5.30817272e+00]
[ 0.00000000e+00 1.13686838e-13 0.00000000e+00 ... 5.11234708e+01
-1.18993886e+02 -9.45448731e+00]
[ 0.00000000e+00 2.27373675e-13 0.00000000e+00 ... 2.27197383e+01
-5.00939353e+01 -2.56391457e+01]]
[06-24 17:40:26][INFO]
[[-8.16475545e-03 -4.44089210e-16 0.00000000e+00 ... -1.10017174e-01
2.56398105e-01 1.12796181e-01]
[ 0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... 4.30144313e+02
-9.62119931e+02 -4.92882605e+02]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... -5.80747961e+01
1.23913723e+02 5.20404159e+01]
...
[ 0.00000000e+00 0.00000000e+00 1.42108547e-14 ... 2.16240072e+02
-4.91696744e+02 -2.06958083e+02]
[ 0.00000000e+00 1.13686838e-13 0.00000000e+00 ... 2.91947169e+02
-6.49977413e+02 -2.81223194e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.67218667e+02

```



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-3.22857761e+02 -1.51187360e+02]]
[06-24 17:40:26][INFO]
[[-8.16475545e-03 -4.44089210e-16 0.00000000e+00 ... 1.06454451e-02
 2.34285222e-02 3.70152533e-03]
[ 0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... -1.99461486e+01
-9.31069113e+01 -8.59424590e+01]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 8.40006528e-01
 1.01638551e+01 -1.22620579e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.67218667e+02
-3.22857761e+02 -1.51187360e+02]
[ 0.00000000e+00 1.13686838e-13 0.00000000e+00 ... -8.16528556e+00
-7.05347171e+01 -9.88261617e+00]
[ 0.00000000e+00 0.00000000e+00 1.42108547e-14 ... -2.29215696e+01
-2.99349482e+01 9.27505555e+00]]
[06-24 17:40:26][INFO]
[[-8.16475545e-03 -4.44089210e-16 0.00000000e+00 ... 0.00000000e+00
-6.85307185e-02 -9.18287992e-03]
[ 0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... 0.00000000e+00
 7.91952009e+01 -6.18012175e+01]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 0.00000000e+00
 2.90757207e+00 -2.24288328e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 0.00000000e+00
-1.76735364e+03 -3.53575616e+02]
[ 0.00000000e+00 1.13686838e-13 0.00000000e+00 ... -8.16528556e+00
-7.05347171e+01 -9.88261617e+00]
[ 0.00000000e+00 0.00000000e+00 1.42108547e-14 ... 0.00000000e+00
 1.68069936e+02 3.70175114e+01]]
[06-24 17:40:26][INFO]
[[-8.16475545e-03 -4.44089210e-16 0.00000000e+00 ... 0.00000000e+00
 0.00000000e+00 5.91105485e-03]
[ 0.00000000e+00 -4.61042359e+01 0.00000000e+00 ... 0.00000000e+00
 0.00000000e+00 -7.92440114e+01]
[ 0.00000000e+00 -7.10542736e-15 -3.50779033e+00 ... 0.00000000e+00
 0.00000000e+00 -2.88327790e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 0.00000000e+00
 2.27373675e-13 3.56851591e+01]
[ 0.00000000e+00 1.13686838e-13 0.00000000e+00 ... -8.16528556e+00
 0.00000000e+00 5.65270057e+00]
[ 0.00000000e+00 0.00000000e+00 1.42108547e-14 ... 0.00000000e+00
 1.68069936e+02 3.70175114e+01]]
n = 72: 0.267206 segundos
[06-24 17:40:26][INFO]
[[-3.99856993e-02 -2.87186774e+00 1.72801694e+00 ... 2.41120693e+00
-2.92827831e+00 3.48725570e+00]
[ 4.44089210e-16 -2.49513863e+02 1.45696247e+02 ... 2.04166145e+02
-2.45015443e+02 3.02514747e+02]
[ 4.44089210e-16 2.24089622e+02 -1.33698736e+02 ... -1.82314529e+02
 2.25967391e+02 -2.74885223e+02]
...
[ 0.00000000e+00 1.46873674e+02 -8.85433449e+01 ... -1.16754866e+02
 1.45545702e+02 -1.70730595e+02]

```

```

[ 1.11022302e-16  5.86075351e+01 -3.29122799e+01 ... -4.61632821e+01
  5.97503133e+01 -6.34233816e+01]
[ 0.00000000e+00 -2.66851143e+02  1.65613396e+02 ...  2.26325974e+02
 -2.71269534e+02  3.24250452e+02]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02  0.00000000e+00  5.91343675e-01 ...  5.82035767e-02
  3.33534975e-01  2.60537458e+00]
 [ 0.00000000e+00  7.76605170e+00 -3.07377084e+00 ... -6.36294819e+00
  8.82053525e+00 -2.38476666e+00]
 [ 4.44089210e-16  0.00000000e+00 -4.50049988e+01 ...  1.28850528e+00
 -2.85493815e+01 -2.06072719e+02]
 ...
 [ 0.00000000e+00  0.00000000e+00 -3.04113579e+01 ...  3.58293448e+00
 -2.12706511e+01 -1.25629241e+02]
 [ 1.11022302e-16  0.00000000e+00 -9.71566214e+00 ...  1.85554700e+00
 -6.81502127e+00 -4.54264250e+01]
 [ 0.00000000e+00  0.00000000e+00  5.99948275e+01 ...  7.68720297e+00
  3.18149677e+01  2.42306919e+02]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02  0.00000000e+00  0.00000000e+00 ... -1.77571259e-01
  3.31944510e+00  1.90290095e+01]
 [ 0.00000000e+00  7.76605170e+00  0.00000000e+00 ... -5.13740398e+00
 -6.70005605e+00 -8.77538882e+01]
 [ 0.00000000e+00  0.00000000e+00 -8.37146953e-01 ... -3.33779144e-01
  4.22706063e+00  2.32504320e+01]
 ...
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.57082572e+01
 -1.74828701e+02 -9.70256587e+02]
 [ 1.11022302e-16  0.00000000e+00  0.00000000e+00 ...  5.72928194e+00
 -5.58729469e+01 -3.15263568e+02]
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.62333549e+01
  3.34750757e+02  1.90856832e+03]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02  0.00000000e+00  0.00000000e+00 ... -2.42126798e+00
 -1.31883789e+01 -8.04179409e+01]
 [ 0.00000000e+00  7.76605170e+00  0.00000000e+00 ... -5.02570831e+01
 -3.38664584e+02 -2.08758499e+03]
 [ 0.00000000e+00  0.00000000e+00 -8.37146953e-01 ... -3.86936209e+00
 -2.17857158e+01 -1.33456550e+02]
 ...
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.50658014e+02
  8.18053631e+02  5.01109624e+03]
 [ 1.11022302e-16  0.00000000e+00  0.00000000e+00 ...  7.91686979e+01
  4.84451841e+02  2.93977793e+03]
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.07253527e+02
 -1.07066529e+03 -6.55798304e+03]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02  0.00000000e+00  0.00000000e+00 ... -6.75072096e+00
 -5.82089312e-01 -1.19575480e+01]
 [ 0.00000000e+00  7.76605170e+00  0.00000000e+00 ... -1.63118904e+02
 -1.00390477e+01 -3.02933516e+02]
 [ 0.00000000e+00  0.00000000e+00 -8.37146953e-01 ... -1.12495784e+01
 -2.96362584e-01 -1.67553153e+01]
 ...

```

```

[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.22625170e+02
 2.61529562e+01 7.10557939e+02]
[ 1.11022302e-16 0.00000000e+00 0.00000000e+00 ... 2.37196323e+02
 2.43147254e+01 4.40932621e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.60772758e+02
 -4.13052700e+01 -9.67885264e+02]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02 0.00000000e+00 0.00000000e+00 ... 7.52686319e+00
 -1.13429584e-01 -5.18252117e+00]
[ 0.00000000e+00 7.76605170e+00 0.00000000e+00 ... 1.81861026e+02
 1.28487092e+00 -1.39232974e+02]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... 7.71316516e+00
 3.26086854e-01 -7.75707764e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.72762236e+02
 4.44744073e-02 3.33129172e+02]
[ 1.11022302e-16 0.00000000e+00 0.00000000e+00 ... -2.84717472e+02
 7.18297713e+00 1.93273080e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.79270233e+02
 -3.88351626e+00 -4.26909864e+02]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02 0.00000000e+00 0.00000000e+00 ... 2.32631803e+00
 2.43645930e-01 5.59582744e-01]
[ 0.00000000e+00 7.76605170e+00 0.00000000e+00 ... 4.27830757e+01
 1.08341256e+01 1.43278576e+01]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... 9.54732088e-01
 7.90128774e-01 -2.94855165e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -8.64117004e+01
 -1.96166883e+01 1.69595243e+01]
[ 1.11022302e-16 0.00000000e+00 0.00000000e+00 ... -8.12930748e+01
 -6.78437993e+00 -3.13349165e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.70511159e+02
 2.41823598e+01 2.44153345e+01]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02 0.00000000e+00 0.00000000e+00 ... -4.79807177e+00
 -2.31309920e+00 2.24517684e+01]
[ 0.00000000e+00 7.76605170e+00 0.00000000e+00 ... -1.07329063e+02
 -4.30369415e+01 4.75600039e+02]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -1.80190064e+00
 -1.99149960e-01 8.17586547e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.49206432e+02
 6.49400991e+01 -7.07059804e+02]
[ 1.11022302e-16 0.00000000e+00 0.00000000e+00 ... 1.86973113e+02
 8.94888854e+01 -8.55676842e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.50060777e+02
 -1.62636414e+02 1.62405514e+03]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02 0.00000000e+00 0.00000000e+00 ... -9.82887498e-01
 7.85887104e-01 -7.53763254e+00]
[ 0.00000000e+00 7.76605170e+00 0.00000000e+00 ... -2.62925232e+01
 2.27871736e+01 -1.61390765e+02]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -1.95410726e-01

```

```

1.10576480e+00 -4.45200961e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.09315698e+01
-3.11318474e+01 2.22644249e+02]
[ 1.11022302e-16 0.00000000e+00 0.00000000e+00 ... 4.02283295e+01
-2.97085222e+01 2.97816108e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.35697089e+01
6.19509122e+01 -5.49313411e+02]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02 0.00000000e+00 0.00000000e+00 ... -1.01173322e+00
3.62661449e-01 -7.17063697e-01]
[ 0.00000000e+00 7.76605170e+00 0.00000000e+00 ... -2.69264333e+01
1.34864178e+01 -1.15027705e+01]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -2.10904052e-01
8.78446056e-01 -7.88613698e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.18623413e+01
-1.74755285e+01 2.56339506e+00]
[ 1.11022302e-16 0.00000000e+00 0.00000000e+00 ... 4.13537293e+01
-1.31966082e+01 3.17154008e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.57187427e+01
3.04201985e+01 -4.11745459e+01]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02 0.00000000e+00 0.00000000e+00 ... -4.02028117e-01
-1.39729402e-01 8.01116336e-02]
[ 0.00000000e+00 7.76605170e+00 0.00000000e+00 ... -1.36422533e+01
2.54038755e+00 5.86598789e+00]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... 1.09801065e-01
6.14188276e-01 -3.69299168e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.10165745e+01
-2.98827036e-01 -2.46919632e+01]
[ 1.11022302e-16 0.00000000e+00 0.00000000e+00 ... 1.29904459e+01
1.01744510e+01 -5.36893675e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.08014499e+01
-6.59119741e+00 1.75537761e+01]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02 0.00000000e+00 0.00000000e+00 ... 3.20156549e+01
9.03035559e+00 -4.59196444e+01]
[ 0.00000000e+00 7.76605170e+00 0.00000000e+00 ... -2.53004131e+03
-7.09280788e+02 3.57656358e+03]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... 8.56902584e+00
3.00707398e+00 -1.23726948e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 7.98971001e+02
2.22592151e+02 -1.14277654e+03]
[ 1.11022302e-16 0.00000000e+00 0.00000000e+00 ... -2.94507140e+02
-7.68082921e+01 4.30961258e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.82769037e+03
1.36774462e+03 -6.87650582e+03]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02 0.00000000e+00 0.00000000e+00 ... -7.14743549e-01
4.94175426e-01 1.97574340e+00]
[ 0.00000000e+00 7.76605170e+00 0.00000000e+00 ... 3.35651235e+01

```

```

-4.06850045e+01 -1.74839706e+02]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... 4.74287543e-01
 8.95943414e-01 -5.27418023e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.21126892e-01
 1.41345109e+01 2.68519477e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.53696351e+01
 1.91361994e+01 1.03371001e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -9.23275828e+01
 8.45900722e+01 3.23106139e+02]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02 0.00000000e+00 0.00000000e+00 ... -5.48601773e+00
 -2.21011518e+00 -9.33719466e+00]
 [ 0.00000000e+00 7.76605170e+00 0.00000000e+00 ... 3.80521020e+02
 1.55964682e+02 6.47810685e+02]
 [ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... 2.41897195e+00
 1.99816298e+00 4.08352936e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.57792478e+01
 -1.72983662e+01 -1.04642128e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.82345762e+02
 -1.20846370e+02 -4.82222181e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.99258543e+02
 -3.16088379e+02 -1.35306376e+03]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02 0.00000000e+00 0.00000000e+00 ... -1.01051693e+02
 -3.18471239e+01 -1.88618845e+02]
 [ 0.00000000e+00 7.76605170e+00 0.00000000e+00 ... 6.81877580e+03
 2.15260848e+03 1.27260065e+04]
 [ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... 4.66482376e+01
 1.57146268e+01 8.70578369e+01]
...
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 8.46609679e+03
 2.67978467e+03 1.57930485e+04]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.39597701e+03
 -1.70669540e+03 -1.00754181e+04]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.45020459e+04
 -4.56562280e+03 -2.70595563e+04]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02 0.00000000e+00 0.00000000e+00 ... 1.46574622e+01
 8.10985255e+00 2.83911839e+01]
 [ 0.00000000e+00 7.76605170e+00 0.00000000e+00 ... -9.86298237e+02
 -5.42659312e+02 -1.91224175e+03]
 [ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -6.63649008e+00
 -2.68578931e+00 -1.28765223e+01]
...
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -1.21974773e+03
 -6.64955513e+02 -2.37254428e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 7.90121660e+02
 4.29503744e+02 1.52647671e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.03047609e+03
 1.14342925e+03 3.94683255e+03]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02 0.00000000e+00 0.00000000e+00 ... 1.83476134e+00

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```

1.74661165e+00 5.87277774e+00]
[ 0.00000000e+00 7.76605170e+00 0.00000000e+00 ... -1.27338040e+02
-1.16401948e+02 -4.03790855e+02]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -9.34398582e-01
1.43862751e-01 -2.86287437e+00]
...
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -1.43636445e+02
-1.30937334e+02 -4.82746542e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.06146294e+02
9.00822699e+01 3.25322971e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.53572071e+02
2.61644007e+02 8.26347488e+02]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02 0.00000000e+00 0.00000000e+00 ... -6.42883055e-01
-1.47347073e+00 -3.02971322e+00]
[ 0.00000000e+00 7.76605170e+00 0.00000000e+00 ... 4.48589258e+01
1.07394662e+02 2.14934711e+02]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... 7.36574028e-02
1.45398753e+00 7.59198793e-01]
...
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 7.10189338e+01
1.48040555e+02 2.88537493e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.84984258e+01
-9.79059320e+01 -1.94403877e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.14170958e+02
-2.16294979e+02 -4.94999915e+02]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02 0.00000000e+00 0.00000000e+00 ... 3.03493652e-02
1.91634660e+00 2.37306949e+00]
[ 0.00000000e+00 7.76605170e+00 0.00000000e+00 ... -2.99756114e+00
-1.33569297e+02 -1.69120175e+02]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... 9.14738554e-02
1.54369581e+00 9.02178274e-01]
...
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 7.12369138e+00
-1.73680732e+02 -2.24230610e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 8.28559161e-01
1.00110817e+02 1.21200582e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.22037908e-01
3.56949909e+02 4.18653318e+02]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02 0.00000000e+00 0.00000000e+00 ... 8.74052904e-01
-8.43366819e-01 3.57662232e+00]
[ 0.00000000e+00 7.76605170e+00 0.00000000e+00 ... -6.04224282e+01
5.42646628e+01 -2.51037410e+02]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... 1.43542380e-01
1.37338218e+00 9.76454625e-01]
...
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -7.49403650e+01
9.47468228e+01 -3.41295933e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.88365030e+01
-5.69208424e+01 1.89684467e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.45571415e+02
-1.20260510e+02 6.26772010e+02]]

```

[06-24 17:40:26][INFO]

```
[[-3.99856993e-02  0.00000000e+00  0.00000000e+00 ...  7.74207646e-01
  4.04420353e-01  1.63839812e+00]
[ 0.00000000e+00  7.76605170e+00  0.00000000e+00 ... -5.38328638e+01
-2.80865083e+01 -1.23118935e+02]
[ 0.00000000e+00  0.00000000e+00 -8.37146953e-01 ...  1.32548832e-01
 1.51077086e+00  7.63044786e-01]
...
[ 4.44089210e-16  0.00000000e+00  0.00000000e+00 ... -6.51368483e+01
-2.77697848e+01 -1.50987313e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  4.31710434e+01
 1.38815953e+01  7.97049765e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.28417103e+02
 9.41205268e+01  2.93767695e+02]]
```

[06-24 17:40:26][INFO]

```
[[-3.99856993e-02  0.00000000e+00  0.00000000e+00 ... -1.00595755e+00
 5.40236715e-01 -8.02862502e-01]
[ 0.00000000e+00  7.76605170e+00  0.00000000e+00 ...  7.44266784e+01
-3.78719735e+01  5.27720282e+01]
[ 0.00000000e+00  0.00000000e+00 -8.37146953e-01 ... -2.01769652e+00
 1.67482221e+00 -2.18573173e+00]
...
[ 4.44089210e-16  0.00000000e+00  0.00000000e+00 ...  1.03531816e+02
-4.06382334e+01  8.03194039e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -5.23066436e+01
 2.11659935e+01 -5.12300169e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.03457829e+02
 1.19440675e+02 -1.61354788e+02]]
```

[06-24 17:40:26][INFO]

```
[[-3.99856993e-02  0.00000000e+00  0.00000000e+00 ...  1.20485414e+02
-7.17088397e+01  9.21061652e+01]
[ 0.00000000e+00  7.76605170e+00  0.00000000e+00 ... -6.63216580e+03
 3.95043688e+03 -5.07601184e+03]
[ 0.00000000e+00  0.00000000e+00 -8.37146953e-01 ...  7.15843989e+02
-4.25226637e+02  5.46790137e+02]
...
[ 4.44089210e-16  0.00000000e+00  0.00000000e+00 ... -1.76067720e+04
 1.04914109e+04 -1.34634170e+04]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  9.10879302e+03
-5.42680107e+03  6.95460795e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  3.48010887e+04
-2.06972324e+04  2.66079404e+04]]
```

[06-24 17:40:26][INFO]

```
[[-3.99856993e-02  0.00000000e+00  0.00000000e+00 ...  1.30761253e+00
-1.56522062e-01  2.81748369e+00]
[ 0.00000000e+00  7.76605170e+00  0.00000000e+00 ... -6.96871201e+01
 1.04366997e+01 -1.59365773e+02]
[ 0.00000000e+00  0.00000000e+00 -8.37146953e-01 ...  8.24860494e+00
-3.98446888e-01  1.66556815e+01]
...
[ 4.44089210e-16  0.00000000e+00  0.00000000e+00 ... -1.83829408e+02
 3.09735716e+01 -4.10050044e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  9.62976231e+01
-1.58526684e+01  2.02395524e+02]]
```

```
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.88872544e+02
-3.67251890e+01 8.26113795e+02]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02 0.00000000e+00 0.00000000e+00 ... -9.63630595e+00
3.29284016e+00 -2.96782128e+01]
[ 0.00000000e+00 7.76605170e+00 0.00000000e+00 ... 6.28094713e+02
-2.09493876e+02 1.91255268e+03]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -6.46507133e+01
2.25783465e+01 -1.99803727e+02]
...
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 1.33521372e+03
-4.47806492e+02 4.10043353e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -8.06576456e+02
2.68719968e+02 -2.47850183e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.34230654e+03
8.24102307e+02 -7.28355614e+03]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02 0.00000000e+00 0.00000000e+00 ... -1.32828749e+00
1.66691341e-01 -8.95698017e-01]
[ 0.00000000e+00 7.76605170e+00 0.00000000e+00 ... 9.43105049e+01
-8.64106406e+00 6.32968177e+01]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -9.55123163e+00
1.84546297e+00 -8.91565262e+00]
...
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... 1.71025272e+02
-9.74459246e+00 6.71888462e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.02652586e+02
3.84684780e+00 -3.98096999e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.85816134e+02
5.02842088e+01 -1.58997396e+02]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02 0.00000000e+00 0.00000000e+00 ... 3.40661879e+00
1.54606793e+00 -1.92714815e+00]
[ 0.00000000e+00 7.76605170e+00 0.00000000e+00 ... -2.49177236e+02
-1.08706180e+02 1.38122053e+02]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... 2.47376590e+01
1.18345293e+01 -1.63851312e+01]
...
[ 4.44089210e-16 0.00000000e+00 0.00000000e+00 ... -4.45628272e+02
-1.89388583e+02 2.01520413e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.62865037e+02
1.10329726e+02 -1.19433916e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 7.21417873e+02
3.43712404e+02 -3.78412859e+02]]
[06-24 17:40:26][INFO]
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-1.41488671e+03 1.50523931e+03]
[ 0.00000000e+00 7.76605170e+00 0.00000000e+00 ... 6.81011222e+05
2.89421716e+05 -3.07939003e+05]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... 1.03078623e+04
4.38208332e+03 -4.66658276e+03]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.27210041e+06
1.39055593e+06 -1.47948702e+06]
```



```

[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.25865086e+05
-1.38491538e+05 1.47360974e+05]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.69068198e+06
-7.18489705e+05 7.64501945e+05]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02 0.00000000e+00 0.00000000e+00 ... 3.86579184e+01
1.11454467e+01 -1.74135754e+00]
[ 0.00000000e+00 7.76605170e+00 0.00000000e+00 ... -8.08829560e+03
-2.33910303e+03 3.83575051e+02]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -1.26297296e+02
-3.56805720e+01 1.95483341e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.86124149e+04
-1.11810612e+04 1.81936205e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.00137829e+03
1.17204865e+03 -2.30594567e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.96047737e+04
5.63598707e+03 -7.28634154e+02]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02 0.00000000e+00 0.00000000e+00 ... -2.44681927e+01
-5.56918921e+00 -2.73395019e+01]
[ 0.00000000e+00 7.76605170e+00 0.00000000e+00 ... 5.15029447e+03
1.16623270e+03 5.75192949e+03]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... 7.61119804e+01
1.79136901e+01 8.40334180e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.45591810e+04
5.54561823e+03 2.74359508e+04]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.58647567e+03
-5.72294194e+02 -2.90202218e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.22165247e+04
-2.78970883e+03 -1.36324258e+04]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02 0.00000000e+00 0.00000000e+00 ... -1.66293180e+00
-8.84995842e-01 -2.37925682e-01]
[ 0.00000000e+00 7.76605170e+00 0.00000000e+00 ... 3.38686604e+02
1.77929972e+02 3.38560368e+01]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... 5.35051301e+00
3.37930716e+00 -5.89019273e-02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.66592282e+03
8.43350267e+02 2.29799465e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.53579129e+02
-7.25780152e+01 -1.07888254e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -8.60032413e+02
-4.57088912e+02 -1.36467960e+02]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02 0.00000000e+00 0.00000000e+00 ... 3.87715377e-01
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[ 0.00000000e+00 7.76605170e+00 0.00000000e+00 ... -7.23456623e+01
2.61986116e+02 3.15984290e+02]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.24108410e-01
4.53976787e+00 3.83609893e+00]
...

```

```

[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.89762446e+02
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[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.19530079e+01
-1.14609360e+02 -1.51863937e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.11098687e+02
-6.55685330e+02 -8.03042200e+02]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02 0.00000000e+00 0.00000000e+00 ... -3.82833560e-01
-7.49327655e-01 -6.93659206e-01]
[ 0.00000000e+00 7.76605170e+00 0.00000000e+00 ... 6.93870713e+01
1.59896145e+02 1.40911010e+02]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... 1.02305726e+00
3.56940556e+00 2.17203230e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.14345223e+02
7.36119949e+02 7.02422726e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.64852892e+01
-6.53133112e+01 -6.73265341e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.30344408e+02
-4.09744151e+02 -3.81279625e+02]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02 0.00000000e+00 0.00000000e+00 ... 4.58747601e-01
4.40614712e-01 4.67950862e-01]
[ 0.00000000e+00 7.76605170e+00 0.00000000e+00 ... -1.10246635e+02
-9.40945186e+01 -1.07032185e+02]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -4.11496238e+00
-3.69542822e+00 -4.91982718e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.10604872e+02
-4.30307146e+02 -4.36231964e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 8.89953968e+01
8.38296864e+01 7.82653975e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.14216396e+02
2.18836620e+02 2.32334759e+02]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02 0.00000000e+00 0.00000000e+00 ... -2.43403846e-01
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[ 0.00000000e+00 7.76605170e+00 0.00000000e+00 ... 2.75302813e+01
1.45006465e+02 1.37623806e+02]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -4.90466412e-01
2.59459896e+00 1.51633555e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.07632184e+02
4.69052434e+02 4.84022344e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.24986789e+00
-7.97255451e+01 -8.90896957e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.68169944e+01
-2.86228898e+02 -2.84464895e+02]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02 0.00000000e+00 0.00000000e+00 ... 2.64242265e+01
7.90411325e+01 7.97163005e+01]
[ 0.00000000e+00 7.76605170e+00 0.00000000e+00 ... 2.66318839e+03
8.03381075e+03 8.09325362e+03]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... 6.66234918e+02

```

```

1.99817440e+03 2.01400055e+03]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.43853441e+04
-7.28410235e+04 -7.34470583e+04]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.24026999e+04
-3.71866085e+04 -3.75103025e+04]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.55558035e+04
4.65038625e+04 4.69019822e+04]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02 0.00000000e+00 0.00000000e+00 ... 2.64383858e+01
3.34033371e+01 3.94038568e+01]
[ 0.00000000e+00 7.76605170e+00 0.00000000e+00 ... 2.66463992e+03
3.35526987e+03 3.96063911e+03]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... 6.66594195e+02
8.40163433e+02 9.91114781e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.43983713e+04
-3.08520539e+04 -3.63576688e+04]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.24093717e+04
-1.56820871e+04 -1.85150860e+04]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.55641109e+04
1.97278058e+04 2.32503516e+04]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02 0.00000000e+00 0.00000000e+00 ... -3.62168489e-01
1.18632770e+00 1.41852255e+00]
[ 0.00000000e+00 7.76605170e+00 0.00000000e+00 ... -3.75715413e+01
1.06935116e+02 1.30703188e+02]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -9.07493017e+00
2.79399884e+01 3.34660214e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.42182668e+02
-1.11137574e+03 -1.29204280e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.69975569e+02
-5.60424141e+02 -6.85950587e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.16501712e+02
7.57894219e+02 8.83954335e+02]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02 0.00000000e+00 0.00000000e+00 ... 1.17724445e+00
-1.44215832e+00 -1.15516608e+00]
[ 0.00000000e+00 7.76605170e+00 0.00000000e+00 ... 1.06804725e+02
-1.39581585e+02 -1.10674253e+02]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... 2.84664018e+01
-3.61603346e+01 -2.92979695e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.17797793e+03
1.48423769e+03 1.24945855e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.99686738e+02
7.53743469e+02 6.00819901e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 8.03344036e+02
-9.83451610e+02 -8.21088770e+02]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02 0.00000000e+00 0.00000000e+00 ... -5.69600524e-01
3.31581169e-01 -1.10369304e-02]
[ 0.00000000e+00 7.76605170e+00 0.00000000e+00 ... -6.88492796e+01

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```

3.87767979e+01 4.37365966e+00]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -1.47741484e+01
 7.74594948e+00 -9.76753266e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.50351063e+02
-3.72240355e+02 5.19598920e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.03865744e+02
-1.63720156e+02 9.02111194e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.17832437e+02
 2.56526162e+02 -2.12561405e+01]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02 0.00000000e+00 0.00000000e+00 ... -9.91733476e+01
 5.83510273e+01 -4.71564072e+00]
[ 0.00000000e+00 7.76605170e+00 0.00000000e+00 ... -2.93901453e+04
 1.72917251e+04 -1.39461050e+03]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -7.47171283e+03
 4.39548439e+03 -3.56763860e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.14013255e+04
-6.69822286e+03 5.64912760e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.49704652e+04
-1.46777978e+04 1.18591936e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.21788920e+05
-7.16511680e+04 5.80949946e+03]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02 0.00000000e+00 0.00000000e+00 ... -2.89152042e-02
-2.60902596e-01 -2.19148417e+00]
[ 0.00000000e+00 7.76605170e+00 0.00000000e+00 ... -3.84314400e+00
-8.07872637e+01 -6.46453238e+02]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -9.38509340e-01
-2.10671949e+01 -1.66562520e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.82643229e+00
 4.36519396e+01 2.74570034e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.46409544e+01
 7.55170209e+01 5.50559354e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.94231609e+01
 3.36184571e+02 2.70932262e+03]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02 0.00000000e+00 0.00000000e+00 ... -1.75101835e+00
-8.11297952e-01 -1.65797597e+00]
[ 0.00000000e+00 7.76605170e+00 0.00000000e+00 ... -5.09422801e+02
-2.42373807e+02 -4.89824473e+02]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -1.28751342e+02
-6.19170068e+01 -1.26966057e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.79821735e+02
 1.02027481e+02 2.17985565e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.40254358e+02
 2.11545830e+02 4.18704164e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.10309704e+03
 1.00214028e+03 2.06379968e+03]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02 0.00000000e+00 0.00000000e+00 ... -2.62256163e+00

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```

-1.16373291e+00 -2.23157120e+00]
[ 0.00000000e+00 7.76605170e+00 0.00000000e+00 ... -8.40932946e+02
-3.76429989e+02 -7.08003695e+02]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -2.15344264e+02
-9.69334811e+01 -1.83956097e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.93468465e+02
2.28860049e+02 4.24408206e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 7.12948305e+02
3.21817899e+02 5.98174247e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.47810207e+03
1.55816527e+03 2.96874191e+03]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02 0.00000000e+00 0.00000000e+00 ... 5.79693011e-02
7.30476777e-02 2.29550052e-01]
[ 0.00000000e+00 7.76605170e+00 0.00000000e+00 ... 2.01044471e+01
2.08474013e+01 8.25551443e+01]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... 5.99997215e+00
5.19339656e+00 1.92704338e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.97749184e+01
-7.94731113e+00 -4.68246311e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.47925070e+01
-1.39572641e+01 -6.99987456e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.98220756e+01
-8.34391845e+01 -2.97955228e+02]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02 0.00000000e+00 0.00000000e+00 ... -2.94439499e+01
-2.91963024e+01 -1.17683059e+02]
[ 0.00000000e+00 7.76605170e+00 0.00000000e+00 ... 2.04698510e+03
2.03174978e+03 8.18354630e+03]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -2.18740472e+02
-2.17775377e+02 -8.78967135e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -8.43789267e+03
-8.35970349e+03 -3.36921690e+04]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.66246591e+02
-2.63429090e+02 -1.07500479e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.93240922e+03
-6.88200612e+03 -2.76862219e+04]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02 0.00000000e+00 0.00000000e+00 ... -3.63647539e-01
-4.23736632e-01 -2.67605177e-01]
[ 0.00000000e+00 7.76605170e+00 0.00000000e+00 ... 2.06851968e+01
2.68927944e+01 2.10030725e+00]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.01931261e+00
-4.33704427e+00 -7.96526024e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.02616493e+02
-1.12633720e+02 -3.74213111e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.13719291e+02
1.26446702e+02 1.40241795e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.22486985e+01
-8.45477120e+01 5.29331798e+01]]

```

```

[06-24 17:40:26][INFO]
[[-3.99856993e-02  0.00000000e+00  0.00000000e+00 ...  1.78260185e+00
  8.92760805e-01  8.69580110e-01]
[ 0.00000000e+00  7.76605170e+00  0.00000000e+00 ... -1.02089110e+02
-4.84162822e+01 -6.29513758e+01]
[ 0.00000000e+00  0.00000000e+00 -8.37146953e-01 ...  2.27132349e+01
 1.14471572e+01  5.66907070e+00]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  3.40353989e+02
 1.59081909e+02  1.97285576e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -5.80447336e+02
-2.99351245e+02 -2.27560791e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  4.06001437e+02
 2.02674316e+02  3.01034434e+02]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02  0.00000000e+00  0.00000000e+00 ... -3.10618254e+03
-1.20205421e+03 -6.41787593e+02]
[ 0.00000000e+00  7.76605170e+00  0.00000000e+00 ...  2.09211700e+05
 8.09670964e+04  4.32184247e+04]
[ 0.00000000e+00  0.00000000e+00 -8.37146953e-01 ... -2.07051656e+04
-8.01133880e+03 -4.28038930e+03]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -6.73856890e+05
-2.60790928e+05 -1.39211515e+05]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  8.90999588e+05
 3.44789302e+05  1.84131104e+05]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.12825766e+06
-4.36649887e+05 -2.33081183e+05]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02  0.00000000e+00  0.00000000e+00 ... -1.74371190e+01
-3.56847740e+00 -9.09015796e+00]
[ 0.00000000e+00  7.76605170e+00  0.00000000e+00 ...  1.14447640e+03
 2.33476200e+02  5.98013861e+02]
[ 0.00000000e+00  0.00000000e+00 -8.37146953e-01 ... -1.19909591e+02
-2.39095025e+01 -6.37133047e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -3.76340858e+03
-7.83264795e+02 -1.94982234e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  5.07371956e+03
 1.03500337e+03  2.65838713e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -6.24255148e+03
-1.28895040e+03 -3.24803621e+03]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02  0.00000000e+00  0.00000000e+00 ... -4.63256252e-01
 4.82395111e-01 -1.56231074e-01]
[ 0.00000000e+00  7.76605170e+00  0.00000000e+00 ...  3.28285766e+01
-3.18224927e+01  1.29154362e+01]
[ 0.00000000e+00  0.00000000e+00 -8.37146953e-01 ... -2.95437620e+00
 4.00227411e+00 -2.15575872e+00]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -8.77136676e+01
 9.39528262e+01 -1.51778781e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.47152961e+02
-1.40739213e+02  6.53659374e+01]

```

```
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.70136878e+02
 1.60252875e+02 -5.19158661e+01]]
[06-24 17:40:26][INFO]
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 8.56916300e-02 -2.02110319e-01]
 [ 0.00000000e+00 7.76605170e+00 0.00000000e+00 ... -2.16972441e+01
 -1.11867349e+01 1.53019870e+01]
 [ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... 2.76688955e+00
 1.83701272e+00 -2.40617386e+00]
 ...
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.08614924e+02
 1.96506105e+01 -2.37710206e+01]
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.37258122e+02
 -3.31014335e+01 7.78143788e+01]
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.55381930e+02
 -7.88315399e-01 -7.05404777e+01]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02 0.00000000e+00 0.00000000e+00 ... 1.60700590e-01
 5.22202008e+00 -4.85347526e+00]
 [ 0.00000000e+00 7.76605170e+00 0.00000000e+00 ... -3.36444400e+00
 -2.33138060e+02 2.16297041e+02]
 [ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... 1.57567180e+00
 1.62588335e+01 -1.54663106e+01]
 ...
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.48006150e+01
 9.13304810e+02 -8.33047892e+02]
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.34757750e+01
 -1.28957231e+03 1.21565139e+03]
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.96157804e+01
 2.49037884e+03 -2.32649582e+03]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02 0.00000000e+00 0.00000000e+00 ... 2.37925623e-01
 2.52731355e-01 -1.29988005e-01]
 [ 0.00000000e+00 7.76605170e+00 0.00000000e+00 ... -6.72473536e+00
 -1.69094962e+01 1.07640314e+01]
 [ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... 1.81405681e+00
 9.19196773e-01 -8.85435363e-01]
 ...
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.81747606e+01
 5.27031542e+01 -1.50151345e+01]
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.26600766e+01
 -5.50978135e+01 4.22390768e+01]
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 8.65513319e+01
 1.13644088e+02 -6.73241421e+01]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02 0.00000000e+00 0.00000000e+00 ... 1.55838970e+01
 1.70412132e+01 -4.91302836e+00]
 [ 0.00000000e+00 7.76605170e+00 0.00000000e+00 ... -2.00994573e+03
 -2.20843185e+03 6.35128996e+02]
 [ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... 8.21532354e+02
 8.97690436e+02 -2.56375662e+02]
 ...
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 7.98576485e+02
 9.04906026e+02 -2.73734016e+02]
```

```
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -9.85483832e+03
-1.07786739e+04 3.09738711e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.12302168e+04
1.23048062e+04 -3.54058760e+03]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02 0.00000000e+00 0.00000000e+00 ... -3.46905107e+01
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[ 0.00000000e+00 7.76605170e+00 0.00000000e+00 ... 4.62332335e+03
3.42345228e+03 -1.63872172e+03]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -1.88552562e+03
-1.40069919e+03 6.71589970e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.89575634e+03
-1.38267949e+03 6.49869500e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.22826601e+04
1.65072186e+04 -7.91918301e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.56220826e+04
-1.89841220e+04 9.09219220e+03]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02 0.00000000e+00 0.00000000e+00 ... -6.58371992e-01
1.08399062e-02 -1.27609567e-01]
[ 0.00000000e+00 7.76605170e+00 0.00000000e+00 ... 7.61331393e+01
-4.35086842e+00 2.45649263e+01]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -2.55306272e+01
1.41868676e+00 -8.76530547e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.35895490e+01
-1.53931484e+00 -2.03066815e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.78061135e+02
-5.09990534e+00 9.31554544e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.49270447e+02
-8.13006835e+00 -1.15604395e+02]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02 0.00000000e+00 0.00000000e+00 ... -5.62321718e-01
-2.88920836e-02 -6.12876376e-02]
[ 0.00000000e+00 7.76605170e+00 0.00000000e+00 ... 6.21145586e+01
1.44803333e+00 1.48852109e+01]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -2.06017927e+01
-6.20166381e-01 -5.36198551e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.77440145e+01
-8.09395111e+00 -9.36546948e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.12331002e+02
2.20899074e+01 4.77693348e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.49912957e+02
-4.92301151e+01 -4.69988603e+01]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02 0.00000000e+00 0.00000000e+00 ... 1.81086548e-02
6.95071628e-02 5.25696278e-02]
[ 0.00000000e+00 7.76605170e+00 0.00000000e+00 ... -7.21284908e+00
-1.03049090e+01 1.28594143e+00]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... 3.52992199e+00
3.47083687e+00 -6.28306540e-01]
...
```



```

[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.55667481e+01
 2.31216550e+01 1.05031645e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.74123620e+01
-3.55061327e+01 -1.88747491e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.75694791e+01
 1.98495997e+01 3.29329249e+01]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02 0.00000000e+00 0.00000000e+00 ... -3.13511688e+00
-4.61370109e+00 -5.94758412e+00]
[ 0.00000000e+00 7.76605170e+00 0.00000000e+00 ... 6.37736091e+02
 9.47580966e+02 1.22853492e+03]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -2.17637189e+02
-3.25009200e+02 -4.21478847e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.78123494e+03
-1.01161258e+04 -1.29799599e+04]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.19085930e+03
 4.74430941e+03 6.10505283e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.68635551e+03
-7.02588449e+03 -8.99410273e+03]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02 0.00000000e+00 0.00000000e+00 ... -6.07955033e-01
 1.39855954e+00 -1.76597361e+00]
[ 0.00000000e+00 7.76605170e+00 0.00000000e+00 ... 1.19610387e+02
-2.85069320e+02 3.71209575e+02]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -3.99441032e+01
 9.77326774e+01 -1.27456018e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.27871596e+03
 2.97467732e+03 -3.87512504e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.04084472e+02
-1.40977387e+03 1.82480269e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -8.66889945e+02
 2.06083960e+03 -2.67416030e+03]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02 0.00000000e+00 0.00000000e+00 ... -2.88758108e+01
 6.97919534e+01 -9.17378758e+01]
[ 0.00000000e+00 7.76605170e+00 0.00000000e+00 ... 2.22556006e+03
-5.38036366e+03 7.07409852e+03]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -9.26825630e+02
 2.24352110e+03 -2.95025300e+03]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.23790395e+04
 1.02415917e+05 -1.34690646e+05]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.40248472e+04
-3.38809850e+04 4.45408673e+04]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.95071555e+03
 1.19415570e+04 -1.56723007e+04]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02 0.00000000e+00 0.00000000e+00 ... 9.93262045e-02
 9.74803262e-02 1.20590690e-01]
[ 0.00000000e+00 7.76605170e+00 0.00000000e+00 ... -8.70851186e+00
-6.23304330e+00 -9.09437888e+00]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... 4.83151512e+00

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2.58764474e+00 3.33429792e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.40910538e+02
 1.41835684e+02 1.08281580e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.23048011e+01
-4.49845766e+01 -5.55400367e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.03180493e+01
 8.68420607e+00 5.54226475e+01]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02 0.00000000e+00 0.00000000e+00 ... 8.05876381e-02
-5.01056000e-03 -4.85947025e-02]
[ 0.00000000e+00 7.76605170e+00 0.00000000e+00 ... -7.54278483e+00
 1.42919176e-01 1.43065172e+00]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... 4.16453698e+00
-1.06040276e+00 -2.68766531e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.15615000e+02
 3.48133902e+00 -1.20104913e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.38786755e+01
 1.10225056e+00 2.05371467e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 7.11517198e+00
-8.83398221e+00 2.65047440e+01]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02 0.00000000e+00 0.00000000e+00 ... -4.27558553e-01
 5.73882071e-02 7.00346152e-01]
[ 0.00000000e+00 7.76605170e+00 0.00000000e+00 ... 7.57342823e+01
-1.00832449e+01 -1.21308825e+02]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... -1.89803885e+01
 1.78172188e+00 3.14249199e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.77446010e+02
 1.00866757e+02 1.04876303e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.15665136e+02
-2.95409511e+01 -3.47257711e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.13858460e+01
-5.33414611e+00 6.85115073e+01]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02 0.00000000e+00 0.00000000e+00 ... 1.18487037e+00
 4.59566895e-01 -4.46521690e+00]
[ 0.00000000e+00 7.76605170e+00 0.00000000e+00 ... -2.36702818e+02
-8.80125980e+01 8.79611909e+02]
[ 0.00000000e+00 0.00000000e+00 -8.37146953e-01 ... 5.76359957e+01
 2.08916971e+01 -2.14022652e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.93474663e+03
 7.52410643e+02 -7.31963423e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.17865315e+02
-2.37443562e+02 2.32303308e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.08806989e+02
-2.00987295e+02 1.94351291e+03]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02 0.00000000e+00 0.00000000e+00 ... 1.06851489e-01
 7.91575255e-02 -4.92313540e-01]
[ 0.00000000e+00 7.76605170e+00 0.00000000e+00 ... -4.44991095e+01

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```

-2.01880981e+01  1.71269251e+02]
[ 0.00000000e+00  0.00000000e+00 -8.37146953e-01 ... -4.70578106e-01
 3.87153598e-01  1.21837404e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 7.67653501e+01
 9.67695428e+01 -4.72277296e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.99221720e+01
-2.99712403e+01  1.56242377e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -6.83886546e+00
-2.38536837e+01  9.35723599e+01]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02  0.00000000e+00  0.00000000e+00 ... -2.34222505e-01
-2.60488062e-01  8.31754030e-01]
[ 0.00000000e+00  7.76605170e+00  0.00000000e+00 ... 8.66312710e+01
 1.10393113e+02 -3.37785932e+02]
[ 0.00000000e+00  0.00000000e+00 -8.37146953e-01 ... 3.05716102e+00
 3.90011868e+00 -1.35730354e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.62921192e+02
-1.41913201e+02  4.58198739e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 5.07844221e+01
 5.03973575e+01 -1.57064957e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 3.52159231e+01
 1.80249808e+01 -6.96865888e+01]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02  0.00000000e+00  0.00000000e+00 ... 2.73809327e-01
-4.56144343e-04 -1.73558405e-01]
[ 0.00000000e+00  7.76605170e+00  0.00000000e+00 ... -1.31870172e+02
-1.44505501e+00  9.45929152e+01]
[ 0.00000000e+00  0.00000000e+00 -8.37146953e-01 ... -5.25389414e+00
-3.53826609e-01  2.87319210e+00]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 1.23369566e+02
 4.62237136e+00 -1.08324147e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -4.70244940e+01
 3.34667556e-01  3.64829927e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 3.32948161e+02
 2.05057920e+01 -2.53079068e+02]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02  0.00000000e+00  0.00000000e+00 ... 1.91314390e-02
 1.35636695e-03  2.40282300e-02]
[ 0.00000000e+00  7.76605170e+00  0.00000000e+00 ... -1.74281099e+01
-2.25952513e+00  5.80537993e+00]
[ 0.00000000e+00  0.00000000e+00 -8.37146953e-01 ... -1.38341175e+00
-3.81372357e-01 -1.29642562e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 6.10415642e+00
 5.45693490e+00 -1.73461752e+01]
[ 0.00000000e+00  0.00000000e+00  3.55271368e-15 ... -4.60804107e+01
-3.67704426e+00  6.38016235e-01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 3.69008657e+01
 2.26127243e+01 -2.33968238e+01]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02  0.00000000e+00  0.00000000e+00 ... 7.41909220e-01

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-3.59579557e-01  8.71352715e-01]
[ 0.00000000e+00  7.76605170e+00  0.00000000e+00 ... -3.07508917e+02
  1.42599084e+02 -3.34261203e+02]
[ 0.00000000e+00  0.00000000e+00 -8.37146953e-01 ... -1.41994481e+01
  6.01861399e+00 -1.51540964e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.59906418e+02
 -1.21285138e+02  2.80190463e+02]
[ 0.00000000e+00  0.00000000e+00  3.55271368e-15 ... -9.78016146e+02
  4.61706777e+02 -1.09188584e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  7.22260163e+02
 -3.19637408e+02  7.80061346e+02]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02  0.00000000e+00  0.00000000e+00 ...  2.76219969e-01
  2.24590165e-02 -1.75309407e-01]
[ 0.00000000e+00  7.76605170e+00  0.00000000e+00 ... -1.23197868e+02
 -8.60459953e+00  7.99879834e+01]
[ 0.00000000e+00  0.00000000e+00 -8.37146953e-01 ... -6.01412173e+00
 -6.96401263e-01  3.24287342e+00]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  9.40725628e+01
  1.47603681e+01 -9.25302195e+01]
[ 0.00000000e+00  0.00000000e+00  3.55271368e-15 ... -3.74039994e+02
 -3.37785428e+01  2.65583675e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.83946083e+02
  3.99433331e+01 -2.05073579e+02]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02  0.00000000e+00  0.00000000e+00 ...  1.31274425e+00
  1.85093897e-01 -1.19483962e+00]
[ 0.00000000e+00  7.76605170e+00  0.00000000e+00 ... -6.14364070e+02
 -8.56705764e+01  5.63101392e+02]
[ 0.00000000e+00  0.00000000e+00 -8.37146953e-01 ... -4.77826368e+01
 -7.25005135e+00  4.43265833e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  6.80391400e+02
  9.42629328e+01 -6.13781151e+02]
[ 0.00000000e+00  0.00000000e+00  3.55271368e-15 ... -1.71588662e+03
 -2.44319741e+02  1.58543039e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.73745868e+03
  2.68005378e+02 -1.63475547e+03]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02  0.00000000e+00  0.00000000e+00 ... -5.60506209e-03
  2.44686020e-03 -5.55656426e-03]
[ 0.00000000e+00  7.76605170e+00  0.00000000e+00 ... -2.12363574e+01
 -3.49734820e+00  2.80408222e+01]
[ 0.00000000e+00  0.00000000e+00 -8.37146953e-01 ... -1.32382766e-01
 -6.48479511e-01  1.34128420e+00]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  5.21261908e+01
  1.49262513e+01 -4.21520660e+01]
[ 0.00000000e+00  0.00000000e+00  3.55271368e-15 ... -2.25897121e+01
 -9.72663419e+00  5.79070756e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.31564585e+01
  3.05021475e+01 -8.82832638e+01]]

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[06-24 17:40:26][INFO]
[[-3.99856993e-02  0.00000000e+00  0.00000000e+00 ...  2.75170138e-02
 1.67084990e-02 -9.04625843e-02]
[ 0.00000000e+00  7.76605170e+00  0.00000000e+00 ...  9.61036168e+01
 4.70266690e+01 -2.72751623e+02]
[ 0.00000000e+00  0.00000000e+00 -8.37146953e-01 ...  2.99691504e+00
 6.98927433e-01 -6.68044195e+00]
...
[ 0.00000000e+00  0.00000000e+00  3.55271368e-15 ... -2.25897121e+01
-9.72663419e+00  5.79070756e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.79318793e+02
-1.27786683e+02  8.07482920e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.59952340e+02
-4.83404820e+01  3.81102756e+02]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02  0.00000000e+00  0.00000000e+00 ...  0.00000000e+00
 8.39236119e-03 -2.49004940e-02]
[ 0.00000000e+00  7.76605170e+00  0.00000000e+00 ...  0.00000000e+00
 1.79824228e+01 -4.37749601e+01]
[ 0.00000000e+00  0.00000000e+00 -8.37146953e-01 ...  0.00000000e+00
-2.06794340e-01  4.60013618e-01]
...
[ 0.00000000e+00  0.00000000e+00  3.55271368e-15 ...  0.00000000e+00
-2.89961578e+00  4.08478376e+00]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.59952340e+02
-4.83404820e+01  3.81102756e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  0.00000000e+00
-4.33715066e+01  1.41977423e+02]]
[06-24 17:40:26][INFO]
[[-3.99856993e-02  0.00000000e+00  0.00000000e+00 ...  0.00000000e+00
 0.00000000e+00  2.57205432e-03]
[ 0.00000000e+00  7.76605170e+00  0.00000000e+00 ...  0.00000000e+00
 0.00000000e+00  1.50908309e+01]
[ 0.00000000e+00  0.00000000e+00 -8.37146953e-01 ...  0.00000000e+00
 0.00000000e+00 -2.16931448e-01]
...
[ 0.00000000e+00  0.00000000e+00  3.55271368e-15 ...  0.00000000e+00
 4.44089210e-16 -5.40716169e+00]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.59952340e+02
 0.00000000e+00  2.22859301e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  0.00000000e+00
-4.33715066e+01  1.41977423e+02]]
n = 77: 0.307679 segundos
[06-24 17:40:26][INFO]
[[-1.03194486e-01 -5.17087558e-01 -4.39935010e+00 ... -8.75421531e-01
 5.09906175e-02  2.43804511e+00]
[ 0.00000000e+00 -7.62978736e+00 -2.61079178e+01 ... -3.26950017e+00
-2.23142233e+00  1.01407195e+01]
[ 0.00000000e+00 -1.90753104e+01 -1.84254732e+02 ... -3.53447606e+01
-5.46638043e-01  9.95818639e+01]
...
[ 0.00000000e+00  1.80816447e+01  1.66697494e+02 ...  2.79172244e+01
-1.00339255e+00 -8.81817121e+01]
[ 0.00000000e+00  4.37278020e+00  5.83843253e+01 ...  8.12209663e+00

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2.14620857e+00 -3.42372168e+01]
[ 0.00000000e+00 -2.32455151e+00 2.57834613e+01 ... 3.85124290e+00
-3.59530434e+00 -1.16824968e+01]]
[06-24 17:40:26][INFO]
[[-1.03194486e-01 0.00000000e+00 1.08426084e+01 ... 1.55755965e+00
3.03679411e+00 -1.16434576e+01]
[ 0.00000000e+00 -3.38639792e-01 -9.98193357e+00 ... -1.59335538e+00
-1.95539781e+00 9.22195297e+00]
[ 0.00000000e+00 0.00000000e+00 3.78019654e+02 ... 5.44076819e+01
1.09599366e+02 -4.19883418e+02]
...
[ 0.00000000e+00 0.00000000e+00 -3.66287052e+02 ... -5.71598590e+01
-1.05411702e+02 4.04223731e+02]
[ 0.00000000e+00 0.00000000e+00 -7.05101594e+01 ... -1.24525465e+01
-2.31034077e+01 8.48438076e+01]
[ 0.00000000e+00 0.00000000e+00 9.43032256e+01 ... 1.47886364e+01
9.82728515e+00 -7.49854670e+01]]
[06-24 17:40:26][INFO]
[[-1.03194486e-01 0.00000000e+00 0.00000000e+00 ... -2.65514551e-01
6.48756294e+00 -1.13860163e+01]
[ 0.00000000e+00 -3.38639792e-01 0.00000000e+00 ... 8.50051165e-02
-5.13224824e+00 8.98494717e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -2.95745762e+00
5.59796333e+00 4.17630543e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.42757942e+00
-2.21986229e+02 3.95526803e+02]
[ 0.00000000e+00 0.00000000e+00 -1.42108547e-14 ... -5.96981082e-01
-4.55439729e+01 8.31696514e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.06749084e+00
3.98402322e+01 -7.27463806e+01]]
[06-24 17:40:26][INFO]
[[-1.03194486e-01 0.00000000e+00 0.00000000e+00 ... -4.24092100e-02
-4.94540839e+01 7.25969645e+01]
[ 0.00000000e+00 -3.38639792e-01 0.00000000e+00 ... -1.13895549e-01
4.47402951e+01 -6.58867288e+01]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -1.49114400e+00
-3.62066917e+02 5.52378368e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.62402726e+00
1.54614039e+03 -2.25889172e+03]
[ 0.00000000e+00 0.00000000e+00 -1.42108547e-14 ... -1.95527146e+00
2.95035059e+02 -4.28128173e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.82595750e-01
-4.74200443e+02 6.98962546e+02]]
[06-24 17:40:26][INFO]
[[-1.03194486e-01 0.00000000e+00 0.00000000e+00 ... -1.93323732e-01
-3.12464502e+00 2.52402297e+00]
[ 0.00000000e+00 -3.38639792e-01 0.00000000e+00 ... 2.55999665e-02
1.91639141e+00 -1.11588387e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -2.65415539e+00
-5.03258721e+00 1.23665234e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.03960470e+00

```

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1.14446143e+02 -9.34645249e+01]
[ 0.00000000e+00 0.00000000e+00 -1.42108547e-14 ... -1.06867597e+00
 2.28579917e+01 -1.64623253e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.05551572e-01
-1.73522246e+01 7.98291578e+00]]
[06-24 17:40:26][INFO]
[[-1.03194486e-01 0.00000000e+00 0.00000000e+00 ... -7.06149633e-02
 1.08713123e+00 5.86389272e-01]
[ 0.00000000e+00 -3.38639792e-01 0.00000000e+00 ... -4.88744242e-02
-6.39819317e-01 6.01045408e-02]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -2.06506282e+00
 1.51870445e+01 3.06445281e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.45851445e+00
-3.99443840e+01 -2.24369416e+01]
[ 0.00000000e+00 0.00000000e+00 -1.42108547e-14 ... -1.76807653e+00
-1.14778011e+00 -5.41843559e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.60525093e+00
-2.16719589e+01 -9.91179505e+00]]
[06-24 17:40:26][INFO]
[[-1.03194486e-01 0.00000000e+00 0.00000000e+00 ... -6.35957661e+00
-2.99546640e+00 -1.86867208e+01]
[ 0.00000000e+00 -3.38639792e-01 0.00000000e+00 ... 1.94386416e+00
 6.53804382e-01 6.16703797e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... 5.36409617e+01
 5.13496572e+01 1.73780765e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.78215814e+02
 1.42260631e+02 8.37715741e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.82818411e+01
 1.10064702e+01 8.85484272e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.31730968e+02
 6.28015955e+01 3.88870612e+02]]
[06-24 17:40:26][INFO]
[[-1.03194486e-01 0.00000000e+00 0.00000000e+00 ... 4.75015339e+00
-5.19592520e-01 -4.33637208e-01]
[ 0.00000000e+00 -3.38639792e-01 0.00000000e+00 ... -1.53644704e+00
-1.21805071e-01 4.48950191e-01]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -4.64622982e+01
 2.90410100e+01 9.31293650e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.20645799e+02
 3.10861524e+01 1.80952166e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.96448485e+01
 3.25703086e-01 9.80575102e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -9.89571392e+01
 1.13912859e+01 9.85426322e+00]]
[06-24 17:40:26][INFO]
[[-1.03194486e-01 0.00000000e+00 0.00000000e+00 ... 5.79550147e+00
-2.22248392e+00 4.34066268e+00]
[ 0.00000000e+00 -3.38639792e-01 0.00000000e+00 ... -1.88466073e+00
 4.45441485e-01 -1.14140676e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -5.59312380e+01
 4.44660883e+01 -3.39334797e+01]
```

```

...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.68256280e+02
 1.08644508e+02 -1.99350741e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.48349185e+01
 8.78042334e+00 -1.38982680e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.21377745e+02
 4.79148676e+01 -9.25448283e+01]]
[06-24 17:40:26][INFO]
[[-1.03194486e-01 0.00000000e+00 0.00000000e+00 ... 6.15818582e-01
 -1.89108709e+00 3.30815667e-01]
[ 0.00000000e+00 -3.38639792e-01 0.00000000e+00 ... -6.01022901e-02
 3.28705983e-01 2.71073574e-01]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -6.69751347e+00
 4.13161078e+01 4.18076548e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.28430928e+01
 9.35827401e+01 -1.71058269e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 8.41947385e-01
 7.13761389e+00 5.97945551e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.15060335e+01
 4.08852602e+01 -7.48773855e+00]]
[06-24 17:40:26][INFO]
[[-1.03194486e-01 0.00000000e+00 0.00000000e+00 ... -1.74352137e+00
 1.70212652e+01 -1.78061814e+01]
[ 0.00000000e+00 -3.38639792e-01 0.00000000e+00 ... 8.65086745e-01
 -7.08756352e+00 7.38329613e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... 3.00643380e+01
 -2.53365074e+02 2.86780817e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 7.49642098e+01
 -7.70595260e+02 8.11643218e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 7.11657889e+00
 -4.31595216e+01 5.42145447e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.70365317e+01
 -3.48229539e+02 3.65674409e+02]]
[06-24 17:40:26][INFO]
[[-1.03194486e-01 0.00000000e+00 0.00000000e+00 ... 6.53505092e-01
 5.76182121e-01 -1.35084090e+00]
[ 0.00000000e+00 -3.38639792e-01 0.00000000e+00 ... -1.34630625e-01
 -2.28884470e-01 5.20339045e-01]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -7.53100792e+00
 4.56223573e+00 2.86926282e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.45839049e+01
 -1.90274859e+01 5.96066604e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.09458586e+00
 -1.84492747e+00 1.28741811e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.17842387e+01
 -1.32888797e+01 3.05248334e+01]]
[06-24 17:40:26][INFO]
[[-1.03194486e-01 0.00000000e+00 0.00000000e+00 ... -4.05268831e+00
 -8.97847315e-01 4.99568074e+00]
[ 0.00000000e+00 -3.38639792e-01 0.00000000e+00 ... 2.34324221e+00
 5.47211451e-01 -2.82118822e+00]

```



```

[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ... 6.55426374e+01
 2.74496726e+01 -6.98505960e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 1.73889312e+02
 4.62685254e+01 -2.21529210e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 3.20179401e+01
 7.84059340e+00 -2.88274066e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 7.76509447e+01
 1.47231635e+01 -9.00826893e+01]]
[06-24 17:40:26][INFO]
[[-1.03194486e-01  0.00000000e+00  0.00000000e+00 ... 1.45809198e+01
 3.66517405e+00 -1.17811199e+01]
[ 0.00000000e+00 -3.38639792e-01  0.00000000e+00 ... -7.85962495e+00
 -1.95127948e+00  6.36498052e+00]
[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ... -7.71988259e+02
 -1.77645946e+02  6.84221766e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -5.67444963e+02
 -1.35270343e+02  4.45932360e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 5.06642498e+02
 1.20426100e+02 -4.04417036e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.54575117e+02
 -6.66327719e+01  2.09037608e+02]]
[06-24 17:40:26][INFO]
[[-1.03194486e-01  0.00000000e+00  0.00000000e+00 ... 1.77956296e+01
 1.32446639e+00 -2.22084316e+00]
[ 0.00000000e+00 -3.38639792e-01  0.00000000e+00 ... -9.62617302e+00
 -6.65013260e-01  1.11141500e+00]
[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ... -9.18652852e+02
 -7.08559208e+01  2.48053590e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -6.89495934e+02
 -4.64020896e+01  8.29630269e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 6.21578826e+02
 3.67381894e+01 -6.26060537e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -3.06432332e+02
 -2.88742842e+01  5.48186095e+01]]
[06-24 17:40:26][INFO]
[[-1.03194486e-01  0.00000000e+00  0.00000000e+00 ... -3.56746592e+01
 -1.88198595e+00 -3.31859507e+01]
[ 0.00000000e+00 -3.38639792e-01  0.00000000e+00 ... 1.81245971e+01
 9.99116935e-01  1.71821265e+01]
[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ... 2.32876784e+03
 1.23882128e+02  2.12866305e+03]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 1.40597920e+03
 7.92572499e+01  1.29647084e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.13939547e+03
 -6.88621413e+01 -1.08240153e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 7.41934294e+02
 3.39931082e+01  6.61936807e+02]]
[06-24 17:40:26][INFO]
[[-1.03194486e-01  0.00000000e+00  0.00000000e+00 ... 2.94887224e-02
 -2.82565320e-01  6.73196891e-02]

```

```

[ 0.00000000e+00 -3.38639792e-01 0.00000000e+00 ... -3.82716964e-01
 1.70054159e-01 -5.47705252e-02]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... 1.62630773e+01
 2.02900231e+01 -2.51020041e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.17769118e+00
 1.59527762e+01 -1.96812368e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.45714266e+00
 -1.75767585e+01 -1.61362405e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.17174719e+01
 1.28195503e+00 -1.81549713e+01]]
[06-24 17:40:26][INFO]
[[-1.03194486e-01 0.00000000e+00 0.00000000e+00 ... 9.69498303e+00
 -2.79892060e+00 -2.75985608e+00]
[ 0.00000000e+00 -3.38639792e-01 0.00000000e+00 ... -5.35628242e+00
 1.46489303e+00 1.40000699e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -5.36380693e+02
 1.64167618e+02 1.36547367e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.37141963e+02
 1.01857057e+02 7.68339505e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.51419164e+02
 -1.07645961e+02 -1.17330801e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.35080319e+02
 3.94999070e+01 2.47836664e+01]]
[06-24 17:40:27][INFO]
[[-1.03194486e-01 0.00000000e+00 0.00000000e+00 ... 1.16965696e+02
 -4.53591285e+01 -4.06107515e+01]
[ 0.00000000e+00 -3.38639792e-01 0.00000000e+00 ... -6.82156773e+01
 2.64046817e+01 2.35801931e+01]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -7.11137902e+03
 2.77283207e+03 2.45656153e+03]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.34747897e+03
 1.69297892e+03 1.49189723e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.95456110e+03
 -1.53721108e+03 -1.38871368e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.18255567e+03
 8.51846297e+02 7.47243442e+02]]
[06-24 17:40:27][INFO]
[[-1.03194486e-01 0.00000000e+00 0.00000000e+00 ... 1.00574610e+03
 -3.82147633e+02 -3.58990440e+02]
[ 0.00000000e+00 -3.38639792e-01 0.00000000e+00 ... -5.49662677e+02
 2.08840989e+02 1.96044556e+02]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -6.89979471e+04
 2.62237144e+04 2.46256217e+04]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.34961646e+04
 1.65277201e+04 1.55157734e+04]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.10993048e+04
 -1.18232588e+04 -1.11125274e+04]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.41029845e+04
 9.15822704e+03 8.59959850e+03]]
[06-24 17:40:27][INFO]

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[[-1.03194486e-01  0.00000000e+00  0.00000000e+00 ... -1.30735414e+00
 -3.63149698e-01  1.98039945e+00]
[ 0.00000000e+00 -3.38639792e-01  0.00000000e+00 ...  4.84233674e-01
 2.74548942e-01 -1.15152302e+00]
[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ...  1.06968721e+02
 2.53190463e+01 -1.44522674e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  5.44182464e+01
 1.72392817e+01 -9.46099185e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -6.06570745e+01
 -1.01917710e+01  5.65298048e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  4.12387335e+01
 4.89983577e+00 -5.47191916e+01]]
[06-24 17:40:27][INFO]
[[-1.03194486e-01  0.00000000e+00  0.00000000e+00 ...  1.59790217e+02
 -1.60131269e+01 -3.04454114e+01]
[ 0.00000000e+00 -3.38639792e-01  0.00000000e+00 ... -8.70283391e+01
 8.77604129e+00  1.64630575e+01]
[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ... -1.22664429e+04
 1.22734592e+03  2.34600466e+03]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -8.33472391e+03
 8.32210498e+02  1.59396139e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  4.36668508e+03
 -4.40290147e+02 -8.34608144e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -4.91666885e+03
 4.86540497e+02  9.43211270e+02]]
[06-24 17:40:27][INFO]
[[-1.03194486e-01  0.00000000e+00  0.00000000e+00 ...  3.77094039e-01
 -9.92483931e-01 -9.82880106e-01]
[ 0.00000000e+00 -3.38639792e-01  0.00000000e+00 ...  3.27281918e-03
 5.75519621e-01  3.77985273e-01]
[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ... -7.24676341e+00
 7.22276658e+01  8.02755732e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.77142297e+01
 4.94855615e+01  5.86703935e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.37382928e+01
 -3.01353349e+01 -3.01020381e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  4.97871486e+00
 2.28000624e+01  3.35986062e+01]]
[06-24 17:40:27][INFO]
[[-1.03194486e-01  0.00000000e+00  0.00000000e+00 ... -4.09501383e-01
 1.24155311e-01  1.88300022e+00]
[ 0.00000000e+00 -3.38639792e-01  0.00000000e+00 ...  4.58715062e-01
 -7.10194598e-02 -1.28137216e+00]
[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ...  5.48921235e+01
 -1.59837802e+01 -1.46121134e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.79709769e+01
 -1.53684829e+01 -1.07779005e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -8.70041233e+00
 1.71831948e+00  5.16510992e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  3.31797756e+01

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-1.72337469e+01 -6.91490869e+01]]
[06-24 17:40:27][INFO]
[[-1.03194486e-01 0.00000000e+00 0.00000000e+00 ... 2.87076735e+01
-1.24862976e+01 -3.08467105e+01]
[ 0.00000000e+00 -3.38639792e-01 0.00000000e+00 ... -1.48125070e+01
6.54284430e+00 1.58845337e+01]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -1.65862207e+03
7.26127712e+02 1.77998688e+03]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.16876867e+03
4.98600491e+02 1.22619813e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.95311954e+02
-2.59875381e+02 -6.27300417e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.75882703e+02
2.03237795e+02 5.03072213e+02]]
[06-24 17:40:27][INFO]
[[-1.03194486e-01 0.00000000e+00 0.00000000e+00 ... -4.68432045e-01
2.98061032e-01 -2.80214775e+00]
[ 0.00000000e+00 -3.38639792e-01 0.00000000e+00 ... 7.26182740e-01
-2.65884269e-01 9.48484019e-01]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -6.18190198e+00
2.06302345e+00 1.91633632e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.18178363e+00
-1.40473064e+01 1.01622095e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.59790730e+01
-1.04056311e+01 -8.00480877e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.22401714e+00
-6.69674028e+00 4.25467855e+01]]
[06-24 17:40:27][INFO]
[[-1.03194486e-01 0.00000000e+00 0.00000000e+00 ... 9.57069778e+00
-9.12678985e+00 -2.60905672e+00]
[ 0.00000000e+00 -3.38639792e-01 0.00000000e+00 ... -4.34207768e+00
4.49225707e+00 8.51001905e-01]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -7.01968527e+02
6.55275533e+02 1.78250983e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.31389427e+02
2.98174382e+02 9.52254735e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.62633307e+02
-2.32579356e+02 -7.54963178e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.87904614e+02
1.72737023e+02 3.88706478e+01]]
[06-24 17:40:27][INFO]
[[-1.03194486e-01 0.00000000e+00 0.00000000e+00 ... 4.80938991e+00
-5.28095851e-01 -2.42458562e+00]
[ 0.00000000e+00 -3.38639792e-01 0.00000000e+00 ... -1.62199724e+00
-4.20077939e-01 7.45615687e-01]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -3.82452845e+02
7.82455124e+01 1.65871735e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.83815213e+02
3.16624183e+01 8.95078896e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.73968565e+02

```

```
-7.24550786e+01 -7.20611099e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.05178282e+02
 2.33372292e+01 3.56655164e+01]]
[06-24 17:40:27][INFO]
[[-1.03194486e-01 0.00000000e+00 0.00000000e+00 ... 2.34182170e+02
 5.26987630e+01 -1.61024193e+02]
[ 0.00000000e+00 -3.38639792e-01 0.00000000e+00 ... -1.31745877e+01
 -3.10090216e+00 8.73364426e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -2.50588621e+04
 -5.64801265e+03 1.72283533e+04]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.03976152e+04
 -2.33849017e+03 7.15183092e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.64259798e+04
 3.69888827e+03 -1.13095000e+04]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.84401471e+03
 -1.77249031e+03 5.38667718e+03]]
[06-24 17:40:27][INFO]
[[-1.03194486e-01 0.00000000e+00 0.00000000e+00 ... -6.92233820e+00
 2.23570126e+00 5.03351803e-01]
[ 0.00000000e+00 -3.38639792e-01 0.00000000e+00 ... 5.46074647e-01
 -2.29173884e-01 -4.58489596e-01]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... 7.40116671e+02
 -2.48298352e+02 -5.56275895e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.84218451e+02
 -1.02787349e+02 -4.44490423e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.94135877e+02
 1.57515905e+02 2.61019828e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.31268668e+02
 -8.23372402e+01 -2.33448472e+01]]
[06-24 17:40:27][INFO]
[[-1.03194486e-01 0.00000000e+00 0.00000000e+00 ... -6.10885094e+01
 1.65547673e+01 -3.18564767e+01]
[ 0.00000000e+00 -3.38639792e-01 0.00000000e+00 ... 6.59757031e+00
 -1.82891344e+00 3.15678092e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... 6.59782673e+03
 -1.79680982e+03 3.44387198e+03]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.49976897e+03
 -6.88477894e+02 1.31916415e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.48092685e+03
 1.21144167e+03 -2.35567744e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.03220980e+03
 -5.58423967e+02 1.05256923e+03]]
[06-24 17:40:27][INFO]
[[-1.03194486e-01 0.00000000e+00 0.00000000e+00 ... 1.52334552e+01
 2.62525935e+00 -2.51163726e+00]
[ 0.00000000e+00 -3.38639792e-01 0.00000000e+00 ... -1.47716551e+00
 -3.55194857e-01 5.21461416e-02]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -1.65684172e+03
 -2.90251774e+02 2.70055358e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.63563045e+02
```

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-1.11138738e+02  1.02902617e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.13553274e+03
  1.86382643e+02 -1.96219080e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -5.49958045e+02
 -8.71529786e+01  5.97580384e+01]]
[06-24 17:40:27][INFO]
[[-1.03194486e-01  0.00000000e+00  0.00000000e+00 ...  6.39832885e+00
  9.33934288e-01 -1.03373888e+01]
[ 0.00000000e+00 -3.38639792e-01  0.00000000e+00 ... -1.14617581e+00
 -2.91832869e-01  3.45321704e-01]
[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ... -6.83089156e+02
 -1.03844467e+02  1.13256092e+03]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.37574611e+02
 -2.95909612e+01  4.80223723e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  4.68787649e+02
  5.87463609e+01 -7.86791440e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.33142139e+02
 -7.36111589e+00  4.28954539e+02]]
[06-24 17:40:27][INFO]
[[-1.03194486e-01  0.00000000e+00  0.00000000e+00 ... -1.32582869e+02
 -3.31467677e+01  9.39449989e+01]
[ 0.00000000e+00 -3.38639792e-01  0.00000000e+00 ... -2.17692341e+01
 -5.34897954e+00  1.58195138e+01]
[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ...  1.51575389e+04
  3.78056388e+03 -1.07532088e+04]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  7.94491089e+03
  1.97690239e+03 -5.65937745e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.01478833e+04
 -2.54465326e+03  7.17926304e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  7.90231350e+03
  1.96307786e+03 -5.60032505e+03]]
[06-24 17:40:27][INFO]
[[-1.03194486e-01  0.00000000e+00  0.00000000e+00 ... -1.58530697e+01
  4.34978107e+00  3.33886807e+01]
[ 0.00000000e+00 -3.38639792e-01  0.00000000e+00 ... -3.37175187e+00
  5.60754663e-01  6.27538892e+00]
[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ...  1.85184528e+03
 -4.93559725e+02 -3.85056854e+03]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  9.68156946e+02
 -2.64206526e+02 -2.04002289e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.20712227e+03
  3.27344146e+02  2.54103380e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  9.11558867e+02
 -2.82528434e+02 -1.97370731e+03]]
[06-24 17:40:27][INFO]
[[-1.03194486e-01  0.00000000e+00  0.00000000e+00 ...  9.81902813e+01
 -6.50941264e+01 -2.72657801e+02]
[ 0.00000000e+00 -3.38639792e-01  0.00000000e+00 ...  2.48410558e+01
 -1.66187441e+01 -6.94364386e+01]
[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ... -1.17383099e+04
  7.78183268e+03  3.26199416e+04]

```

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...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.16496594e+03
 4.07933408e+03 1.71024097e+04]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 7.65900420e+03
-5.07146658e+03 -2.12520834e+04]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.28302302e+03
 3.48951060e+03 1.46500588e+04]]
[06-24 17:40:27][INFO]
[[-1.03194486e-01 0.00000000e+00 0.00000000e+00 ... -5.79977093e+00
 2.69268082e+00 1.57410519e+01]
[ 0.00000000e+00 -3.38639792e-01 0.00000000e+00 ... -3.15243579e+00
 1.62905344e+00 8.19878402e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... 8.04275233e+02
-3.94159002e+02 -2.16480074e+03]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.17516776e+02
-2.11513722e+02 -1.15299473e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.45678459e+02
 2.11640308e+02 1.22488564e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.24919254e+02
-1.00888801e+02 -6.25289180e+02]]
[06-24 17:40:27][INFO]
[[-1.03194486e-01 0.00000000e+00 0.00000000e+00 ... 8.72496243e+00
 6.41849814e+00 -5.05999243e+01]
[ 0.00000000e+00 -3.38639792e-01 0.00000000e+00 ... 4.89001942e+00
 3.69206680e+00 -2.85347186e+01]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -1.25529942e+03
-9.22471552e+02 7.24220107e+03]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.14000954e+02
-4.76113872e+02 3.55840971e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.86362985e+02
 5.02026335e+02 -3.94565572e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.40610304e+02
-2.45955823e+02 1.95773813e+03]]
[06-24 17:40:27][INFO]
[[-1.03194486e-01 0.00000000e+00 0.00000000e+00 ... 4.85120762e-02
 3.98480525e-01 2.12576545e+00]
[ 0.00000000e+00 -3.38639792e-01 0.00000000e+00 ... -6.54674871e-02
 2.53780718e-01 1.57914770e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -1.41367538e+01
-6.13105005e+01 -3.00187236e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 7.32394810e+00
-4.50174329e+01 -2.17303023e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.88241598e+00
 3.26610100e+01 1.65231012e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -8.81603932e+00
-1.57456295e+01 -5.85335884e+01]]
[06-24 17:40:27][INFO]
[[-1.03194486e-01 0.00000000e+00 0.00000000e+00 ... -3.64851613e+00
 3.79869884e-01 8.55669359e+00]
[ 0.00000000e+00 -3.38639792e-01 0.00000000e+00 ... -4.80565885e+00
 2.29918850e-01 9.82464336e+00]

```

```
[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ...  5.50135879e+02
-5.84699824e+01 -1.28173148e+03]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  3.19577583e+02
-4.34455649e+01 -7.60463795e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -3.00949292e+02
 3.10962999e+01  7.05918362e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  8.94998623e+01
-1.52507126e+01 -2.29552705e+02]]
[06-24 17:40:27][INFO]
[[-1.03194486e-01  0.00000000e+00  0.00000000e+00 ... -1.93250174e+00
-6.45668120e-01  2.77031742e+00]
[ 0.00000000e+00 -3.38639792e-01  0.00000000e+00 ... -2.71581997e+00
-1.01902708e+00  2.77773633e+00]
[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ...  2.91080982e+02
 9.63484411e+01 -4.08202044e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.73892272e+02
 4.36200358e+01 -2.69214992e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.58059850e+02
-5.42984114e+01  2.24097191e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  4.30012392e+01
 1.25381600e+01 -7.27600080e+01]]
[06-24 17:40:27][INFO]
[[-1.03194486e-01  0.00000000e+00  0.00000000e+00 ...  4.46349425e+01
 1.69388778e+01 -4.75944906e+00]
[ 0.00000000e+00 -3.38639792e-01  0.00000000e+00 ...  3.21967106e+01
 1.21644535e+01 -2.86747797e+00]
[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ... -6.34738359e+03
-2.41043257e+03  6.65210697e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -4.34641767e+03
-1.66331490e+03  4.61700753e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  3.16546617e+03
 1.20071347e+03 -3.13303459e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.18725740e+03
-4.52025439e+02  1.26167813e+02]]
[06-24 17:40:27][INFO]
[[-1.03194486e-01  0.00000000e+00  0.00000000e+00 ... -2.49891013e-01
-1.37142572e-01 -3.77517612e+00]
[ 0.00000000e+00 -3.38639792e-01  0.00000000e+00 ... -2.95674438e-01
-1.96974298e-01 -2.15495722e+00]
[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ...  3.71997341e+01
 1.85231868e+01  5.25204105e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.23511644e+01
-5.06155937e+00  3.66117950e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.24797725e+01
-8.30671117e+00 -2.43614748e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  3.76200130e+00
 1.08689151e+00  1.00050123e+02]]
[06-24 17:40:27][INFO]
[[-1.03194486e-01  0.00000000e+00  0.00000000e+00 ... -1.40225886e+00
 3.93303696e-01  1.36841614e+00]
```



```
[ 0.00000000e+00 -3.38639792e-01 0.00000000e+00 ... -8.53581325e-01
 5.98357356e-02 3.35259387e-01]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... 1.94697684e+02
-5.39746706e+01 -1.77787773e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.24828058e+02
-5.68357813e+01 -1.35922507e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -8.30719874e+01
 2.41875805e+01 7.14735038e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.60097731e+01
-1.37570754e+01 -4.38877606e+01]]
[06-24 17:40:27][INFO]
[[-1.03194486e-01 0.00000000e+00 0.00000000e+00 ... 3.37077051e-01
-5.39360622e-01 1.07220141e+00]
[ 0.00000000e+00 -3.38639792e-01 0.00000000e+00 ... -2.80352981e-01
-2.47539982e-01 2.37636682e-01]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -4.26737198e+01
 7.33082985e+01 -1.37362629e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.70668568e+01
 2.99752883e+01 -1.08351262e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.44323703e+00
-2.38121505e+01 5.62287617e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.63519467e+01
 1.43202543e+01 -3.49703845e+01]]
[06-24 17:40:27][INFO]
[[-1.03194486e-01 0.00000000e+00 0.00000000e+00 ... -5.75262157e+01
 6.35528471e+01 -1.10962732e+02]
[ 0.00000000e+00 -3.38639792e-01 0.00000000e+00 ... -5.89720737e+01
 6.47622749e+01 -1.13401299e+02]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... 1.78304354e+03
-1.94894526e+03 3.39759195e+03]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.17853992e+04
-1.30651653e+04 2.27823129e+04]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.99948818e+03
 7.73629948e+03 -1.35086588e+04]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 7.28734988e+02
-8.10974406e+02 1.40766728e+03]]
[06-24 17:40:27][INFO]
[[-1.03194486e-01 0.00000000e+00 0.00000000e+00 ... -2.61943518e+00
-8.12343584e-01 1.93988351e+00]
[ 0.00000000e+00 -3.38639792e-01 0.00000000e+00 ... -2.76325594e+00
-1.12924583e+00 2.17864323e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... 9.50975475e+01
 2.97714750e+01 -7.32638455e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.15291310e+02
 1.46365945e+02 -3.91959018e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.21875400e+02
-9.16193157e+01 2.22249137e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.10058024e+01
 6.94774477e+00 -2.70453291e+01]]
[06-24 17:40:27][INFO]
```

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[[-1.03194486e-01  0.00000000e+00  0.00000000e+00 ...  4.83271294e+01
 1.12762991e+01 -2.91931876e+01]
[ 0.00000000e+00 -3.38639792e-01  0.00000000e+00 ...  4.41683790e+01
 1.00067310e+01 -2.65009339e+01]
[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ... -1.18646480e+03
 -2.74318691e+02  7.09889485e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.15273287e+04
 -2.71111681e+03  6.96719755e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  6.43472092e+03
 1.51159141e+03 -3.90665721e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.86917022e+02
 -6.84892440e+01  1.67234972e+02]]
[06-24 17:40:27][INFO]
[[[-1.03194486e-01  0.00000000e+00  0.00000000e+00 ...  4.33703939e+00
 7.75534829e-01 -3.55273791e+00]
[ 0.00000000e+00 -3.38639792e-01  0.00000000e+00 ...  4.21172303e+00
 4.68777721e-01 -3.21144695e+00]
[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ... -1.44536346e+02
 -2.56025581e+01  1.02581927e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -9.79675708e+02
 -1.93312979e+02  8.19300013e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  5.19213818e+02
 9.95155155e+01 -4.58692855e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -5.75206262e+01
 -2.42123401e+01  4.91490114e+01]]
[06-24 17:40:27][INFO]
[[[-1.03194486e-01  0.00000000e+00  0.00000000e+00 ... -4.45056308e+00
 -5.27156703e+00 -3.92013163e+00]
[ 0.00000000e+00 -3.38639792e-01  0.00000000e+00 ... -2.61495938e+00
 -4.22893637e+00 -3.49685816e+00]
[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ...  3.63556885e+01
 9.88765088e+01  1.10144695e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.03836688e+03
 1.19538310e+03  9.03670713e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -6.33188756e+02
 -6.93498936e+02 -5.06872716e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  8.65260343e+01
 7.49119469e+01  5.51713410e+01]]
[06-24 17:40:27][INFO]
[[[-1.03194486e-01  0.00000000e+00  0.00000000e+00 ...  6.17355041e-01
 -8.83897862e-01 -6.88689888e-01]
[ 0.00000000e+00 -3.38639792e-01  0.00000000e+00 ...  1.17679488e+00
 -9.46136039e-01 -1.07913303e+00]
[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ... -6.11269086e+01
 1.44786603e+01  4.79871530e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.28891215e+02
 1.84801983e+02  1.59395364e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  4.03303296e+01
 -1.10383965e+02 -7.74187207e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  6.71666383e+01
```

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-1.66008426e+02 -1.14767111e+02]]
[06-24 17:40:27][INFO]
[[-1.03194486e-01 0.00000000e+00 0.00000000e+00 ... 8.25165608e-01
-4.06799766e+00 -4.33159059e+00]
[ 0.00000000e+00 -3.38639792e-01 0.00000000e+00 ... 8.25475750e-01
4.43682011e+00 5.07945997e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -5.28836728e+01
-1.11825241e+02 -9.65160348e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.71698627e+02
8.40702560e+02 9.09805471e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 7.27675208e+01
-6.07390712e+02 -6.46039788e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.06566383e+02
-7.69696294e+02 -8.05441115e+02]]
[06-24 17:40:27][INFO]
[[-1.03194486e-01 0.00000000e+00 0.00000000e+00 ... 8.10671018e+00
-5.09363954e+00 -5.24216641e+00]
[ 0.00000000e+00 -3.38639792e-01 0.00000000e+00 ... -9.41136996e+00
5.87873090e+00 6.35960377e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... 2.28698467e+02
-1.51487490e+02 -1.31728603e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.69537964e+03
1.05532063e+03 1.10034569e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.21700061e+03
-7.68561651e+02 -7.89129071e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.52650988e+03
-9.69702419e+02 -9.83008690e+02]]
[06-24 17:40:27][INFO]
[[-1.03194486e-01 0.00000000e+00 0.00000000e+00 ... 5.65006064e-01
-1.97029239e-01 3.32697865e-01]
[ 0.00000000e+00 -3.38639792e-01 0.00000000e+00 ... -4.35800257e-01
5.11531539e-02 -2.75180901e-01]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... 2.88083768e+01
-2.17046379e+01 1.60311207e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.29092304e+02
3.83755785e+01 -5.74615083e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 8.95986238e+01
-3.65721559e+01 4.42519492e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.32537627e+02
-6.46365655e+01 4.74223598e+01]]
[06-24 17:40:27][INFO]
[[-1.03194486e-01 0.00000000e+00 0.00000000e+00 ... 1.03094462e+00
-8.98690188e-01 3.89126265e+00]
[ 0.00000000e+00 -3.38639792e-01 0.00000000e+00 ... -8.07687952e-01
6.11182089e-01 -3.11544050e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... 4.95535763e+01
-5.29450153e+01 1.74470759e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.25885613e+02
1.84137470e+02 -7.96711904e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.60829422e+02

```

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-1.43839238e+02  5.88270913e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.20654646e+02
-1.97332755e+02  7.20408346e+02]]
[06-24 17:40:27][INFO]
[[-1.03194486e-01  0.00000000e+00  0.00000000e+00 ... -1.40546504e+00
  5.64134652e-01  6.65301220e-01]
[ 0.00000000e+00 -3.38639792e-01  0.00000000e+00 ...  1.23112556e+00
-6.12925290e-01 -4.15921678e-01]
[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ... -7.38641090e+01
  2.11551899e+01  1.10578899e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.93525758e+02
-1.27718072e+02 -1.08978196e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.23996331e+02
  8.72108513e+01  7.87371277e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.39170785e+02
  7.87472796e+01  1.11570214e+02]]
[06-24 17:40:27][INFO]
[[-1.03194486e-01  0.00000000e+00  0.00000000e+00 ...  1.61611906e+00
-3.23874963e+00 -5.02072510e+00]
[ 0.00000000e+00 -3.38639792e-01  0.00000000e+00 ... -1.84946038e+00
  3.26421711e+00  5.38113448e+00]
[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ...  4.57200086e+01
-1.29350156e+02 -2.13975873e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -3.51969856e+02
  6.84685304e+02  1.10571745e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.94072226e+02
-4.38958963e+02 -7.07985579e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.92076007e+02
-5.89865610e+02 -8.88131647e+02]]
[06-24 17:40:27][INFO]
[[-1.03194486e-01  0.00000000e+00  0.00000000e+00 ...  9.15247976e-01
  1.84233929e-01 -8.99489343e-01]
[ 0.00000000e+00 -3.38639792e-01  0.00000000e+00 ... -1.08840395e+00
-4.52705606e-01  9.05999102e-01]
[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ...  1.65134271e+01
  1.32918373e+01 -4.22364315e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.02950450e+02
-4.31104179e+01  2.29459151e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  9.57059549e+01
  4.14519677e+01 -1.29575933e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.67943678e+02
  1.63841471e+01 -1.58213393e+02]]
[06-24 17:40:27][INFO]
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  5.05734986e-02 -4.33095228e-01]
[ 0.00000000e+00 -3.38639792e-01  0.00000000e+00 ... -2.10389880e+01
-5.81071000e+00  1.96021960e+01]
[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ... -2.24398382e+02
-5.14083504e+01  1.83528118e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.01589115e+03

```

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2.84226298e+02 -9.12748141e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.85822144e+03
5.14799801e+02 -1.78127378e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.51569338e+03
-7.04343581e+02 2.35669076e+03]]
[06-24 17:40:27][INFO]
[[-1.03194486e-01 0.00000000e+00 0.00000000e+00 ... -2.90959826e-02
-3.14657843e-02 -1.43444710e-01]
[ 0.00000000e+00 -3.38639792e-01 0.00000000e+00 ... 1.93708099e-01
-1.91082411e+00 5.83313411e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -1.13263696e+01
-1.22726452e+01 4.53543451e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 8.62414353e-02
9.76497455e+01 -2.54014996e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.84037085e+01
1.66439817e+02 -5.51342870e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.78579294e+01
-2.37160337e+02 7.07238654e+02]]
[06-24 17:40:27][INFO]
[[-1.03194486e-01 0.00000000e+00 0.00000000e+00 ... -2.60648368e-02
-2.63394738e-02 -1.53220720e-01]
[ 0.00000000e+00 -3.38639792e-01 0.00000000e+00 ... 2.10936978e+00
1.32896621e+00 -3.45231839e-01]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... 5.24412772e+00
1.57515812e+01 -8.08859690e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -9.62110180e+01
-6.52093501e+01 5.65616126e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.12306408e+02
-1.27666542e+02 9.52574712e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.63342690e+02
1.61094352e+02 -5.22435865e+01]]
[06-24 17:40:27][INFO]
[[-1.03194486e-01 0.00000000e+00 0.00000000e+00 ... 3.97242640e-01
-5.77502073e-02 -4.31897027e-01]
[ 0.00000000e+00 -3.38639792e-01 0.00000000e+00 ... -3.25390481e+01
3.89998675e+00 2.24648853e+01]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... 4.70690248e+01
1.26480435e+01 -3.56232106e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.27651530e+03
-1.67069919e+02 -8.47146264e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.34149553e+03
-3.91369717e+02 -2.33005116e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.87669173e+03
4.68297804e+02 2.67326817e+03]]
[06-24 17:40:27][INFO]
[[-1.03194486e-01 0.00000000e+00 0.00000000e+00 ... -1.29956668e-01
-5.91859925e-02 3.20735906e-01]
[ 0.00000000e+00 -3.38639792e-01 0.00000000e+00 ... -9.67186352e+00
3.96226370e+00 -1.01804462e+01]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... 1.93132501e+01
1.25724529e+01 4.00110187e+00]

```

```

...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.97402802e+02
-1.69464112e+02 4.07880077e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.93743965e+02
-3.97763631e+02 1.02161322e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.16742811e+03
4.75676267e+02 -1.19449303e+03]]
[06-24 17:40:27][INFO]
[[-1.03194486e-01 0.00000000e+00 0.00000000e+00 ... -4.41629767e-01
1.97846509e-01 -1.49664472e-01]
[ 0.00000000e+00 -3.38639792e-01 0.00000000e+00 ... -4.09596078e+00
-6.36106297e-01 -1.76487630e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... 2.47292581e+01
8.10594588e+00 1.21753466e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.97279253e+02
-4.42498387e+00 1.05838631e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.41787952e+02
5.74268715e+01 1.88559880e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.43266648e+02
-3.90610716e+01 -2.52461821e+02]]
[06-24 17:40:27][INFO]
[[-1.03194486e-01 0.00000000e+00 0.00000000e+00 ... -4.35456495e-01
3.07535417e-01 -1.55809093e-01]
[ 0.00000000e+00 -3.38639792e-01 0.00000000e+00 ... -3.99410687e+00
1.17367047e+00 -1.86625749e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... 2.47507291e+01
8.48745137e+00 1.21539752e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.91904912e+02
-9.99181964e+01 1.11188029e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.30363561e+02
-1.45565783e+02 1.99931248e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.28876031e+02
2.16636557e+02 -2.66785648e+02]]
[06-24 17:40:27][INFO]
[[-1.03194486e-01 0.00000000e+00 0.00000000e+00 ... -4.52844624e-01
3.11627933e-01 -1.64057296e-01]
[ 0.00000000e+00 -3.38639792e-01 0.00000000e+00 ... 2.26620746e-01
1.80268789e-01 1.35879512e-01]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... 1.17930322e+02
-1.34435456e+01 5.63544848e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.97978466e+01
-4.53840188e+01 1.27791204e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.28650889e+01
-3.88926821e+01 -1.50615048e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.22740713e+01
8.45627759e+01 -5.99463088e-01]]
[06-24 17:40:27][INFO]
[[-1.03194486e-01 0.00000000e+00 0.00000000e+00 ... 3.60161475e+00
-2.84649084e+00 -2.40191878e+00]
[ 0.00000000e+00 -3.38639792e-01 0.00000000e+00 ... -9.85948857e+00
8.03658902e+00 5.70291411e+00]

```

```
[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ... -7.70894760e+02
 6.78884314e+02  5.46942067e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  4.65297260e+02
-4.38815101e+02 -2.77509661e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  6.74330278e+02
-5.81955413e+02 -3.99878941e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -6.42847643e+02
 6.10431792e+02  3.72034406e+02]]
[06-24 17:40:27][INFO]
[[-1.03194486e-01  0.00000000e+00  0.00000000e+00 ...  3.99315475e-01
 9.91222982e-02  1.19569914e+00]
[ 0.00000000e+00 -3.38639792e-01  0.00000000e+00 ... -1.17699544e+00
 5.00569440e-02 -4.05141871e+00]
[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ... -5.69622545e+01
 2.21783696e+01 -2.55124247e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.70430708e+01
-3.56899751e+01  2.14846297e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  5.71041317e+01
-1.42041528e+01  2.93542771e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.83348542e+01
 4.51763956e+01 -3.18338989e+02]]
[06-24 17:40:27][INFO]
[[-1.03194486e-01  0.00000000e+00  0.00000000e+00 ... -2.65964162e-02
 3.93200098e-02 -1.58255138e-01]
[ 0.00000000e+00 -3.38639792e-01  0.00000000e+00 ...  8.19239006e-01
 3.30348221e-01  2.29451858e+00]
[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ...  9.36645832e+01
 4.33278838e+01  2.23711528e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -9.48105284e+01
-5.27994389e+01 -1.72520679e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.17834454e+02
-3.87672795e+01 -2.62578931e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.93232498e+02
 7.62866673e+01  3.86013411e+02]]
[06-24 17:40:27][INFO]
[[-1.03194486e-01  0.00000000e+00  0.00000000e+00 ... -4.23950574e-02
 1.70924904e-02 -1.33861829e-01]
[ 0.00000000e+00 -3.38639792e-01  0.00000000e+00 ...  6.51388000e-02
-7.30614983e-01  3.45885918e+00]
[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ...  2.57723767e+01
-5.21914283e+01  3.28537984e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.56779532e+01
 4.44649802e+01 -2.79262281e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.87312544e+01
 8.65943311e+01 -4.00155439e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  5.11675945e+01
-1.23588142e+02  6.05363485e+02]]
[06-24 17:40:27][INFO]
[[-1.03194486e-01  0.00000000e+00  0.00000000e+00 ... -8.48346508e-02
-1.90191110e-01  1.24809568e-01]
```

```
[ 0.00000000e+00 -3.38639792e-01 0.00000000e+00 ... 6.88261818e-01
 2.31284449e+00 -3.39106083e-01]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... 8.08359459e+01
 2.16750236e+02 -7.07716265e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.71919992e+01
 -2.07140091e+02 3.47183480e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -9.72305716e+01
 -2.47970256e+02 1.73512485e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.55148276e+02
 3.84274642e+02 -2.84038561e+01]]
[06-24 17:40:27][INFO]
[[-1.03194486e-01 0.00000000e+00 0.00000000e+00 ... -9.46933798e-03
 1.20471780e-02 9.09128016e-02]
[ 0.00000000e+00 -3.38639792e-01 0.00000000e+00 ... -1.74648772e-01
 -2.72422339e-03 4.90018884e-02]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... 4.70959238e-01
 1.09562361e+00 2.90682877e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.21452380e+01
 2.34409904e+01 6.74077278e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -9.20712890e+00
 -1.17646382e+01 -2.22387161e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.45264900e+01
 6.92452958e+00 3.48430630e+01]]
[06-24 17:40:27][INFO]
[[-1.03194486e-01 0.00000000e+00 0.00000000e+00 ... 1.09385436e+00
 2.16919149e+00 3.59373924e+00]
[ 0.00000000e+00 -3.38639792e-01 0.00000000e+00 ... -3.22407477e+00
 -5.96475690e+00 -9.63230019e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... -2.63093701e+02
 -5.14208279e+02 -8.07695449e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.04463236e+03
 -2.04269951e+03 -3.28764439e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.35870431e+02
 4.67394529e+02 7.55832269e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.30978001e+02
 -8.64095898e+02 -1.37954232e+03]]
[06-24 17:40:27][INFO]
[[-1.03194486e-01 0.00000000e+00 0.00000000e+00 ... -7.63208785e-02
 -8.92409005e-01 -3.98015985e-01]
[ 0.00000000e+00 -3.38639792e-01 0.00000000e+00 ... 2.87624449e-02
 2.54583852e+00 1.46392670e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... 3.84285607e+01
 2.74682714e+02 2.20871063e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.35090149e+02
 1.04388008e+03 7.36678919e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.82764347e+01
 -2.49872554e+02 -1.79350042e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.74844687e+01
 4.40061714e+02 3.20835627e+02]]
[06-24 17:40:27][INFO]
```



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[[-1.03194486e-01  0.00000000e+00  0.00000000e+00 ...  8.19809613e-03
 -2.99245969e-02  2.38295238e-01]
[ 0.00000000e+00 -3.38639792e-01  0.00000000e+00 ... -2.55484624e-01
 -3.54796112e-01 -6.76061393e-01]
[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ...  9.99690011e+00
 -1.54517093e+01  6.81990170e+00]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.91656855e+01
 -3.70393030e+01 -6.07860883e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.45248825e+01
 -7.49687929e+00 -5.33636424e-01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.24356416e+01
 -1.96446558e+01 -1.83198632e+01]]
[06-24 17:40:27][INFO]
[[-1.03194486e-01  0.00000000e+00  0.00000000e+00 ... -9.56405018e-02
 -8.35198970e-02  2.34480263e-01]
[ 0.00000000e+00 -3.38639792e-01  0.00000000e+00 ...  3.92409362e+00
 1.80245326e+00 -5.22505921e-01]
[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ...  1.11259280e+02
 3.68139005e+01  1.05402275e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  3.47746397e+02
 1.27393087e+02 -4.90816031e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  3.02509380e+02
 1.04701184e+02 -1.99633471e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.77515334e+02
 6.03982457e+01 -1.26223181e+01]]
[06-24 17:40:27][INFO]
[[-1.03194486e-01  0.00000000e+00  0.00000000e+00 ...  7.77220641e-02
 4.93809092e-02  1.87841550e-01]
[ 0.00000000e+00 -3.38639792e-01  0.00000000e+00 ...  8.21879057e-01
 -5.75723447e-01  3.12064653e-01]
[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ...  3.52041240e+01
 -2.14904486e+01  3.10008997e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.02496246e+02
 -6.06171828e+01  1.68966055e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  9.06040956e+01
 -5.77467060e+01  3.70442877e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  6.23717010e+01
 -2.78715697e+01  1.83540976e+01]]
[06-24 17:40:27][INFO]
[[-1.03194486e-01  0.00000000e+00  0.00000000e+00 ...  8.45794569e-02
 -5.88731567e-02  1.47448914e-01]
[ 0.00000000e+00 -3.38639792e-01  0.00000000e+00 ...  7.82442047e-01
 4.68479638e-02  5.44363554e-01]
[ 1.11022302e-16  0.00000000e+00 -1.75892757e+01 ...  3.34301274e+01
 6.51470435e+00  4.14504098e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  9.48572843e+01
 5.99751015e+01  6.18929781e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  8.43171531e+01
 4.15019591e+01  7.40767557e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  5.93867605e+01

```

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1.92501197e+01 3.59365251e+01]]
[06-24 17:40:27][INFO]
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 7.47704864e-01 9.79819589e-01]
[ 0.00000000e+00 -3.38639792e-01 0.00000000e+00 ... 1.34838369e+01
 8.07751692e+00 8.83183628e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... 6.89604518e+01
 2.89793450e+01 6.46334221e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.01380168e+02
 1.86134706e+02 2.04679221e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.78096054e+02
 1.64021904e+02 2.00514629e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.55953707e+02
 8.03061836e+01 9.89450325e+01]]
[06-24 17:40:27][INFO]
[[-1.03194486e-01 0.00000000e+00 0.00000000e+00 ... -3.15055264e-01
 -1.14981609e-01 -8.30940905e-02]
[ 0.00000000e+00 -3.38639792e-01 0.00000000e+00 ... -3.84992156e+00
 -8.48259968e-01 -2.16558938e+00]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... 1.68853421e+00
 -5.66138951e+00 2.19526663e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.55953707e+02
 8.03061836e+01 9.89450325e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.63642150e+01
 -1.85024617e+01 -2.43731506e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -8.47374442e+01
 -1.26911661e+01 -4.02936006e+01]]
[06-24 17:40:27][INFO]
[[-1.03194486e-01 0.00000000e+00 0.00000000e+00 ... 0.00000000e+00
 -3.86461427e-02 1.74620327e-02]
[ 0.00000000e+00 -3.38639792e-01 0.00000000e+00 ... 0.00000000e+00
 8.45464038e-02 -9.36810720e-01]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... 0.00000000e+00
 -6.07050835e+00 2.14137372e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.84217094e-14
 4.25198004e+01 4.91693202e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.63642150e+01
 -1.85024617e+01 -2.43731506e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.42108547e-14
 7.84006460e+00 -1.32479681e+01]]
[06-24 17:40:27][INFO]
[[-1.03194486e-01 0.00000000e+00 0.00000000e+00 ... 0.00000000e+00
 0.00000000e+00 -4.78413663e-02]
[ 0.00000000e+00 -3.38639792e-01 0.00000000e+00 ... 0.00000000e+00
 0.00000000e+00 -7.93946073e-01]
[ 1.11022302e-16 0.00000000e+00 -1.75892757e+01 ... 0.00000000e+00
 0.00000000e+00 1.1159262e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.84217094e-14
 0.00000000e+00 1.21018340e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.63642150e+01

```

```

0.00000000e+00 -5.56382021e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.42108547e-14
 7.84006460e+00 -1.32479681e+01]]
n = 82: 0.318722 segundos
[06-24 17:40:27][INFO]
[[-6.61813604e-02 -3.90751917e+00 1.70274956e+00 ... 3.05343598e+00
-2.22060540e+00 -3.29893720e+00]
[ 0.00000000e+00 -1.53423304e+02 7.33313798e+01 ... 1.21805022e+02
-9.28373438e+01 -1.37411786e+02]
[ 0.00000000e+00 2.36434870e+02 -1.03476978e+02 ... -1.77421214e+02
1.32747627e+02 1.92193859e+02]
...
[ 0.00000000e+00 2.51110457e+02 -1.10510971e+02 ... -1.99526126e+02
1.44435807e+02 2.16238294e+02]
[ 0.00000000e+00 1.53979278e+02 -6.41006253e+01 ... -1.25253061e+02
8.83672030e+01 1.34480956e+02]
[ 0.00000000e+00 -2.84283452e+02 1.20732476e+02 ... 2.14628325e+02
-1.61779368e+02 -2.38758022e+02]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02 0.00000000e+00 -1.11839010e+00 ... -9.58190544e+00
-2.20035526e-01 2.99537521e+00]
[ 0.00000000e+00 2.84490030e+00 -2.05395309e+00 ... -9.19926046e+00
1.45653075e+00 4.58262403e+00]
[ 0.00000000e+00 0.00000000e+00 6.72236021e+01 ... 5.87113822e+02
1.16978106e+01 -1.88660302e+02]
...
[ 0.00000000e+00 0.00000000e+00 7.07850481e+01 ... 6.12463840e+02
1.58723899e+01 -1.88255605e+02]
[ 0.00000000e+00 0.00000000e+00 4.70688990e+01 ... 3.72653837e+02
9.53296285e+00 -1.13552038e+02]
[ 0.00000000e+00 0.00000000e+00 -8.45136886e+01 ... -7.04629732e+02
-1.62320568e+01 2.19171621e+02]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02 0.00000000e+00 0.00000000e+00 ... 4.34099915e+00
3.69428891e-02 2.17837969e+00]
[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... 1.63705232e+01
1.92847843e+00 3.08219008e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.07708590e+00
-1.67537968e-01 5.32643060e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.68743418e+02
-3.92265420e-01 -1.36546396e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.13309675e+02
-1.28230730e+00 -7.91677215e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.47486184e+02
3.18710096e+00 1.57433499e+02]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02 0.00000000e+00 0.00000000e+00 ... -5.28596654e+01
-3.40171942e+00 -6.28363473e+00]
[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... 8.35684960e+01
5.96813667e+00 1.30231623e+01]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -1.07678156e+02
-6.09501778e+00 -1.40539651e+01]
...

```

```

[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.56693615e+03
 2.30192586e+02 4.30887148e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.47257246e+03
 1.00065805e+02 1.70234257e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.42723142e+03
 -2.23732975e+02 -4.00981602e+02]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02 0.00000000e+00 0.00000000e+00 ... 4.39626967e+01
 9.60107476e+00 -1.65770136e+01]
[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... -8.39033386e+01
 -1.65225540e+01 3.08274279e+01]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... 1.01349743e+02
 2.19764597e+01 -3.62761390e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.98802563e+03
 -6.50108380e+02 1.12775824e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.15296699e+03
 -2.52531966e+02 4.49360606e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.79998520e+03
 6.12553336e+02 -1.06300945e+03]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02 0.00000000e+00 0.00000000e+00 ... 6.22357523e+01
 1.88238461e+01 9.31335232e+00]
[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... -1.18144520e+02
 -3.38047532e+01 -1.76875410e+01]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... 1.44547958e+02
 4.37794501e+01 2.49296942e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.23010377e+03
 -1.27700970e+03 -6.32092884e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.62228828e+03
 -4.89407671e+02 -2.15602069e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.96269099e+03
 1.19939386e+03 5.84382151e+02]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02 0.00000000e+00 0.00000000e+00 ... -3.49472287e+00
 -2.79648460e-01 -1.08606819e+00]
[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... 5.67346825e+00
 2.18093316e+00 1.90208358e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -2.85005529e+00
 9.40612696e-01 1.60940142e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.21886743e+02
 1.68890041e+01 7.22702181e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.28584851e+02
 1.94551531e+01 6.14089495e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.44234434e+02
 -2.32806501e+01 -8.12084503e+01]]
[06-24 17:40:27][INFO]
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[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... 9.06561401e+03
 1.03925599e+03 3.16187167e+03]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... 5.67627383e+03

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```

6.51019684e+02  1.98240152e+03]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -8.96815096e+04
-1.02741907e+04 -3.12846683e+04]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.87838034e+04
3.29956635e+03  1.00559137e+04]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  8.84798719e+04
1.01328078e+04  3.08644116e+04]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02  0.00000000e+00  0.00000000e+00 ...  2.27397808e+01
-4.02284250e+00 -2.65941755e+00]
[ 0.00000000e+00  2.84490030e+00  0.00000000e+00 ...  1.97468156e+02
-3.41900206e+01 -2.39148216e+01]
[ 0.00000000e+00  0.00000000e+00 -7.29138301e-01 ...  1.24237867e+02
-2.10273212e+01 -1.21079893e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.95306924e+03
3.44911221e+02  2.30835076e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  6.28026657e+02
-1.08553761e+02 -5.87477369e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.91338828e+03
-3.45644844e+02 -2.33671219e+02]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02  0.00000000e+00  0.00000000e+00 ... -1.06335076e+01
-3.32985064e-01 -5.72665342e+00]
[ 0.00000000e+00  2.84490030e+00  0.00000000e+00 ... -9.28116477e+01
-2.09575781e+00 -5.05935419e+01]
[ 0.00000000e+00  0.00000000e+00 -7.29138301e-01 ... -5.46836702e+01
-1.24518421e+00 -2.85521152e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  8.99959909e+02
2.94711999e+01  4.93048174e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.83700417e+02
-7.75030122e+00 -1.42541757e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -9.13118102e+02
-3.31372650e+01 -4.93446692e+02]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02  0.00000000e+00  0.00000000e+00 ...  1.03759131e+01
1.97190820e+00  1.59738877e+00]
[ 0.00000000e+00  2.84490030e+00  0.00000000e+00 ...  9.67128216e+01
1.86965181e+01  1.54761145e+01]
[ 0.00000000e+00  0.00000000e+00 -7.29138301e-01 ...  4.74921560e+01
9.96428111e+00  7.06714679e+00]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -8.84180640e+02
-1.66262589e+02 -1.28916649e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.32462865e+02
4.88767370e+01  3.73966482e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  9.14608430e+02
1.67378238e+02  1.43712533e+02]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02  0.00000000e+00  0.00000000e+00 ... -2.60911337e+01
-1.79267802e-01 -5.95292764e+00]
[ 0.00000000e+00  2.84490030e+00  0.00000000e+00 ... -2.17284456e+02

```

```

1.73948624e-01 -4.95354234e+01]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -1.46980621e+02
-1.50758753e+00 -3.31974517e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.20913875e+03
1.62110416e+01 5.11539385e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.41533865e+02
-8.57892707e+00 -1.64264417e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.01172309e+03
-5.24484726e+00 -4.62169512e+02]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02 0.00000000e+00 0.00000000e+00 ... 7.93593533e+00
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[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... 6.61927475e+01
2.45719057e+02 9.12720773e+01]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... 4.63245628e+01
1.65931422e+02 6.28202156e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.77875850e+02
-2.48449203e+03 -9.22485312e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.27987034e+02
8.31210344e+02 3.17311573e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.87684295e+02
2.24633574e+03 8.28996243e+02]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02 0.00000000e+00 0.00000000e+00 ... 1.05456901e+01
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[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... 8.79362793e+01
1.51393117e+00 3.70481287e+01]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... 6.10867318e+01
1.35112932e-01 2.60063668e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -8.99331631e+02
2.71368761e+00 -3.70219610e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.02691166e+02
-7.80385589e+00 1.31014652e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 7.87565617e+02
1.43625545e+00 3.30532855e+02]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02 0.00000000e+00 0.00000000e+00 ... -4.29458996e+00
5.52195620e-02 -2.14505616e+00]
[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... -3.64777464e+01
2.11050618e+00 -1.81633318e+01]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -2.69403443e+01
5.57209659e-01 -1.30575844e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.57532311e+02
-3.31307346e+00 1.87541409e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.08090758e+02
-5.83412438e+00 -5.12788623e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.42619799e+02
6.85558307e+00 -1.71011783e+02]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02 0.00000000e+00 0.00000000e+00 ... 3.56387246e-01

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9.86515732e-01 -2.10928967e-02]
[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... 4.12406817e+00
1.02404782e+01 3.78311945e-01]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... 2.54489249e+00
6.46123517e+00 4.07448153e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.96913098e+01
-8.08494403e+01 1.07078734e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.72247731e+00
1.44635223e+01 -4.98697670e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.16664618e+01
7.97990495e+01 -4.65305826e+00]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02 0.00000000e+00 0.00000000e+00 ... 7.21040681e+00
3.75852845e+00 1.61048490e+01]
[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... 7.40602781e+01
3.85252038e+01 1.64922233e+02]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... 4.98925978e+01
2.56103549e+01 1.11805780e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.99607487e+02
-2.70900491e+02 -1.09489751e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.29755144e+01
5.47849859e+01 2.29579616e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.86597187e+02
3.08277410e+02 1.32449985e+03]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02 0.00000000e+00 0.00000000e+00 ... -1.11077705e+01
1.95740293e+01 -1.27924303e+01]
[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... -1.14499658e+02
2.01323597e+02 -1.32534715e+02]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -7.76675809e+01
1.35742934e+02 -8.94228712e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 7.56055596e+02
-1.35501166e+03 8.85935303e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.80672203e+02
2.91046249e+02 -2.02104954e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -9.33901735e+02
1.62104186e+03 -1.07411663e+03]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02 0.00000000e+00 0.00000000e+00 ... 9.44252023e+00
-6.86542316e-01 1.00496238e+01]
[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... 9.60770831e+01
-6.28442180e+00 1.01525492e+02]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... 6.51439954e+01
-5.05527683e+00 6.93150169e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.64088039e+02
4.51107169e+01 -6.92582401e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.26791970e+02
-1.20832775e+01 1.39647548e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 7.55679617e+02
-4.47196796e+01 8.03886419e+02]]

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```

[06-24 17:40:27][INFO]
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-2.62337687e+00  2.79148525e+00]
[ 0.00000000e+00  2.84490030e+00  0.00000000e+00 ... -3.27724704e+00
-2.60629279e+01  2.74070613e+01]
[ 0.00000000e+00  0.00000000e+00 -7.29138301e-01 ... -2.09521291e+00
-1.84406128e+01  1.91544995e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.69842804e+01
1.80692055e+02 -1.84501761e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -6.53345396e+00
-3.86244228e+01  4.01866466e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.12093552e+01
-1.99375277e+02  2.24326460e+02]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02  0.00000000e+00  0.00000000e+00 ...  5.00270178e-01
-5.23169606e+00  8.54634235e+00]
[ 0.00000000e+00  2.84490030e+00  0.00000000e+00 ...  6.31182800e+00
-5.78377195e+01  9.75132758e+01]
[ 0.00000000e+00  0.00000000e+00 -7.29138301e-01 ...  2.20412910e+00
-3.26871065e+01  5.05872072e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -3.42248761e+01
3.50381026e+02 -5.58894505e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.53082653e+00
-5.52013547e+01  7.67611098e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  3.95526051e+01
-4.00718849e+02  6.68560238e+02]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02  0.00000000e+00  0.00000000e+00 ...  1.88125328e+00
4.45663293e+01 -6.07010830e+01]
[ 0.00000000e+00  2.84490030e+00  0.00000000e+00 ...  2.07509505e+01
4.62834683e+02 -6.26515901e+02]
[ 0.00000000e+00  0.00000000e+00 -7.29138301e-01 ...  1.04898092e+01
2.66093167e+02 -3.64886389e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.28558454e+02
-3.05127241e+03  4.17132804e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.31204669e+02
3.09892552e+03 -4.21786815e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.34952724e+02
3.03939386e+03 -4.11514246e+03]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02  0.00000000e+00  0.00000000e+00 ...  1.36279546e+00
-3.14646914e+00  3.26827830e+00]
[ 0.00000000e+00  2.84490030e+00  0.00000000e+00 ...  1.53938340e+01
-3.01717114e+01  3.44661664e+01]
[ 0.00000000e+00  0.00000000e+00 -7.29138301e-01 ...  7.40533598e+00
-1.77656980e+01  1.56880247e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -9.31209578e+01
2.09980559e+02 -2.01089344e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  9.52481694e+01
-2.10090464e+02  2.18585921e+02]

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[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.96195008e+01
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-3.77370348e+01 3.29559533e+01]
[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... 2.97950339e+02
-7.76589733e+02 6.75086381e+02]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -2.64304758e+01
7.16169890e+01 -6.10254984e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.22504533e+03
3.20013910e+03 -2.76742075e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.33057525e+02
-1.63079955e+03 1.43792272e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.28131422e+03
-3.33389785e+03 2.92358143e+03]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02 0.00000000e+00 0.00000000e+00 ... 9.96448925e-01
3.22434392e+00 -6.62525550e-01]
[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... 1.71856907e+01
7.77929949e+01 -2.61362955e+01]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... 4.69006345e-01
-1.02396586e+01 6.15720052e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.30897684e+01
-3.05326908e+02 1.09641463e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.28252530e+01
1.34880115e+02 -1.12341766e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.49772429e+01
2.76192767e+02 -3.93499625e+01]]
[06-24 17:40:27][INFO]
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[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... 1.95595719e+02
4.79874823e+02 -7.61003133e+01]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -4.19516396e+01
-1.05842866e+02 1.80371713e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.90989694e+02
-1.92325454e+03 3.10690502e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.27203579e+02
3.02506193e+02 -3.20639476e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.85790986e+02
9.31598311e+02 -1.20792823e+02]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02 0.00000000e+00 0.00000000e+00 ... 6.30356795e+00
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[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... 2.22825361e+02
3.50050761e+02 2.14208841e+02]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -4.80572581e+01
-7.67328181e+01 -4.70579522e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -9.00325587e+02
-1.40196860e+03 -8.54995406e+02]]
```

```

[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.42893366e+02
 2.27701253e+02 1.35212894e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.36125784e+02
 6.91614701e+02 4.15852213e+02]]
[06-24 17:40:27][INFO]
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 -3.42003690e+01 -4.10308144e+01]
[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... -1.35100879e+03
 -1.19127115e+03 -1.42959018e+03]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... 3.04813866e+02
 2.68848699e+02 3.21500073e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.39953192e+03
 4.76774653e+03 5.72492254e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -8.55002405e+02
 -7.49580000e+02 -9.07044375e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.77305791e+03
 -2.45127372e+03 -2.93599588e+03]]
[06-24 17:40:27][INFO]
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[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... -8.57163815e+01
 -5.99163601e+01 -1.08046133e+02]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... 1.80867678e+01
 1.24731193e+01 2.20258283e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.41283392e+02
 2.44939280e+02 4.41797340e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.14269246e+01
 -4.00085120e+01 -7.81885788e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.67119836e+02
 -1.21187414e+02 -2.14204527e+02]]
[06-24 17:40:27][INFO]
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 4.43116557e+02 4.99759512e+02]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -5.31834310e+01
 -8.20590485e+01 -9.21956934e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.18457552e+03
 -1.77894662e+03 -2.00362767e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.41153851e+02
 3.61331981e+02 4.06743936e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.59210732e+02
 8.42211093e+02 9.49852598e+02]]
[06-24 17:40:27][INFO]
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 1.40366684e-02 3.25743719e-01]
[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... 2.05309795e+01
 4.03672559e+00 1.63273033e+01]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -3.04738171e+00
 -1.42324690e+00 -3.41469986e+00]
...

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```

[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -8.33441769e+01
-7.79247031e+00 -5.35655099e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.50224633e+01
-2.36412222e+00 6.31012374e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.69826465e+01
1.83742959e+01 4.27983128e+01]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02 0.00000000e+00 0.00000000e+00 ... -1.22437343e+01
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[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... -5.95057697e+02
-1.51500841e+02 -6.69828565e+02]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... 2.39598002e+02
5.98846912e+01 2.67046016e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.06996553e+03
1.04160254e+03 4.57585334e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.72043720e+03
4.28534087e+02 1.90722282e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.98796656e+03
-4.95785661e+02 -2.22542460e+03]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02 0.00000000e+00 0.00000000e+00 ... 1.18444378e+00
-9.98336565e-01 -8.06853661e-01]
[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... 5.14772809e+01
-4.52041545e+01 -4.03993328e+01]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -1.76732153e+01
1.75867818e+01 1.65815702e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.35829180e+02
3.17246711e+02 2.86625270e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.15920406e+02
1.26618900e+02 1.19450776e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.66098523e+02
-1.41636251e+02 -1.28350847e+02]]
[06-24 17:40:27][INFO]
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[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... 2.95657569e+03
-2.64740642e+03 -2.44744920e+03]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... 5.49275217e+03
-4.91830159e+03 -4.54913939e+03]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.52269829e+03
1.38036852e+03 1.27001816e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.04385595e+04
-5.41142304e+04 -5.00536010e+04]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.51748809e+04
1.35998368e+04 1.25825791e+04]]
[06-24 17:40:27][INFO]
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[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... 2.32901006e+01
1.16988834e+01 -9.19901406e-01]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... 4.51192925e+01

```

```

2.01297588e+01 -5.49948790e+00]
...
[ 0.00000000e+00 0.00000000e+00 -3.55271368e-15 ... 5.73143840e+02
2.29217427e+02 -7.30923219e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.07820126e+02
2.14658572e+02 -6.79090604e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.55131964e+02
-1.59850901e+01 5.52425725e+01]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02 0.00000000e+00 0.00000000e+00 ... 7.88955784e+00
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[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... 3.80558305e+01
-4.81757783e+01 -4.06189666e+01]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... 7.25038339e+01
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...
[ 0.00000000e+00 0.00000000e+00 -3.55271368e-15 ... 9.13522549e+02
-1.15100963e+03 -9.88232758e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 8.13379816e+02
-1.02437824e+03 -8.89435262e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.37555463e+02
3.18240113e+02 2.76845965e+02]]
[06-24 17:40:27][INFO]
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[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... 5.87703584e+03
-6.61252029e+03 -6.27985626e+03]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... 4.08721522e+03
-4.60436461e+03 -4.36904198e+03]
...
[ 0.00000000e+00 0.00000000e+00 -3.55271368e-15 ... 6.53102607e+04
-7.35476225e+04 -6.97993145e+04]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.40854605e+04
-6.09143402e+04 -5.78132734e+04]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.24094160e+03
2.57050280e+03 2.41756258e+03]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02 0.00000000e+00 0.00000000e+00 ... -8.42714430e+01
1.08352991e+02 9.64554709e+01]
[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... -9.26052080e+02
1.19105502e+03 1.05942057e+03]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -6.01900019e+02
7.74349345e+02 6.89648315e+02]
...
[ 0.00000000e+00 0.00000000e+00 -3.55271368e-15 ... -9.64024378e+03
1.24253818e+04 1.10584530e+04]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -8.08586149e+03
1.04001274e+04 9.25811371e+03]
[ 2.22044605e-16 0.00000000e+00 0.00000000e+00 ... -4.55874801e+03
5.84498217e+03 5.21912457e+03]]
[06-24 17:40:27][INFO]
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[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... -2.00684790e+01

```

```

2.44621776e+01 2.53593153e+01]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -1.12376201e+01
1.37809129e+01 1.54847863e+01]
...
[ 0.00000000e+00 0.00000000e+00 -3.55271368e-15 ... -1.66273023e+02
2.26191369e+02 2.45160073e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.62921849e+02
1.98127483e+02 2.15119016e+02]
[ 2.22044605e-16 0.00000000e+00 0.00000000e+00 ... -8.83289069e+01
8.86319250e+01 1.16728472e+02]]
[06-24 17:40:27][INFO]
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2.21240179e+04 -2.06194322e+04]
[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... 7.46718907e+04
2.68529151e+05 -2.50268420e+05]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... 4.41280576e+04
1.58686921e+05 -1.47895899e+05]
...
[ 0.00000000e+00 0.00000000e+00 -3.55271368e-15 ... 6.80510799e+05
2.44714266e+06 -2.28071304e+06]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.11287038e+05
2.19825509e+06 -2.04876208e+06]
[ 2.22044605e-16 0.00000000e+00 0.00000000e+00 ... 2.97507720e+05
1.06989501e+06 -9.97131712e+05]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02 0.00000000e+00 0.00000000e+00 ... 1.11121254e+00
1.32720860e+00 -9.69900544e-01]
[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... 1.29804696e+01
1.31964383e+01 -1.01601855e+01]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... 8.92517632e+00
9.39818458e+00 -7.62560159e+00]
...
[ 0.00000000e+00 0.00000000e+00 -3.55271368e-15 ... 1.43351148e+02
1.53898361e+02 -1.06841395e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.11838278e+02
1.21051221e+02 -8.97722081e+01]
[ 2.22044605e-16 0.00000000e+00 0.00000000e+00 ... 4.49911130e+01
4.96538159e+01 -3.02986790e+01]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02 0.00000000e+00 0.00000000e+00 ... 1.05146335e+00
-3.94558817e-01 -1.54676145e+00]
[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... 1.23173409e+01
-5.91266187e+00 -1.65624979e+01]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... 8.49311381e+00
-3.05237999e+00 -1.17970384e+01]
...
[ 0.00000000e+00 0.00000000e+00 -3.55271368e-15 ... 1.36713270e+02
-3.73825934e+01 -1.70928160e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.06180354e+02
-4.19908113e+01 -1.44397805e+02]
[ 2.22044605e-16 0.00000000e+00 0.00000000e+00 ... 4.25415107e+01
-2.09353494e+01 -5.39488707e+01]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02 0.00000000e+00 0.00000000e+00 ... -3.07121609e+00

```

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2.68620418e-01 3.87181869e+00]
[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... -5.28783178e+01
 4.57479115e+00 6.91264105e+01]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -3.77418826e+01
 4.38503782e+00 4.89712160e+01]
...
[ 0.00000000e+00 0.00000000e+00 -3.55271368e-15 ... -4.49684531e+02
 5.69460708e+01 5.99794745e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.43640621e+02
 4.64540600e+01 5.78250912e+02]
[ 2.22044605e-16 0.00000000e+00 0.00000000e+00 ... -3.91323122e+02
 4.88566435e+01 5.16294416e+02]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02 0.00000000e+00 0.00000000e+00 ... -8.11584822e-03
 2.32023143e+00 2.19924709e+00]
[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... 5.03550831e-01
 4.03290338e+01 3.99778387e+01]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -4.64565423e-01
 2.93527334e+01 2.86163542e+01]
...
[ 0.00000000e+00 0.00000000e+00 -3.55271368e-15 ... 1.56733098e+01
 3.68634620e+02 3.45691305e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.84787114e+00
 3.48183380e+02 3.32266713e+02]
[ 2.22044605e-16 0.00000000e+00 0.00000000e+00 ... -2.54358346e+01
 2.93921554e+02 3.16505759e+02]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02 0.00000000e+00 0.00000000e+00 ... 6.79864151e-01
 -2.15330511e+00 -2.88882157e+00]
[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... 1.14702215e+01
 -3.09808908e+01 -4.11279686e+01]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... 7.30077724e+00
 -2.11408045e+01 -2.88135081e+01]
...
[ 0.00000000e+00 0.00000000e+00 -3.55271368e-15 ... 1.14709477e+02
 -2.75340371e+02 -3.86746877e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.08936988e+02
 -3.15643177e+02 -4.22750053e+02]
[ 2.22044605e-16 0.00000000e+00 0.00000000e+00 ... 3.59514273e+01
 -1.05244352e+02 -1.37493782e+02]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02 0.00000000e+00 0.00000000e+00 ... -8.27989253e+00
 2.35648330e+01 3.26408356e+01]
[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... -1.58227983e+01
 4.73611534e+01 6.71017158e+01]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -9.52875330e+00
 2.71667787e+01 3.79235108e+01]
...
[ 0.00000000e+00 0.00000000e+00 -3.55271368e-15 ... -7.14000671e+02
 2.10339410e+03 2.89947936e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.62413605e+02
 1.32436492e+03 1.84292427e+03]
[ 2.22044605e-16 0.00000000e+00 0.00000000e+00 ... 1.31631975e+03
 -3.78042109e+03 -5.21475750e+03]]

```

```

[06-24 17:40:27][INFO]
[[-6.61813604e-02  0.00000000e+00  0.00000000e+00 ...  1.04895890e+00
 -1.62638444e+00 -3.26490492e+00]
[ 0.00000000e+00  2.84490030e+00  0.00000000e+00 ...  6.05505956e+00
 -1.17168456e+01 -1.71037938e+01]
[ 0.00000000e+00  0.00000000e+00 -7.29138301e-01 ...  1.03700443e+00
 -1.36452581e+00 -2.74294838e+00]
...
[ 0.00000000e+00  0.00000000e+00 -3.55271368e-15 ...  1.24790034e+02
 -1.61639190e+02 -3.28935373e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  9.10048159e+01
 -1.70061690e+02 -2.87123393e+02]
[ 2.22044605e-16  0.00000000e+00  0.00000000e+00 ... -1.73665865e+02
 2.43070105e+02  5.20036031e+02]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02  0.00000000e+00  0.00000000e+00 ...  3.68411751e+01
 -8.63682460e+01 -1.17163045e+02]
[ 0.00000000e+00  2.84490030e+00  0.00000000e+00 ...  4.93909668e+01
 -1.14319194e+02 -1.55007499e+02]
[ 0.00000000e+00  0.00000000e+00 -7.29138301e-01 ...  2.92762836e+01
 -6.82240091e+01 -9.26061002e+01]
...
[ 0.00000000e+00  0.00000000e+00 -3.55271368e-15 ...  3.26628817e+03
 -7.59946866e+03 -1.03258238e+04]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.88340981e+03
 -4.41377031e+03 -5.99092205e+03]
[ 2.22044605e-16  0.00000000e+00  0.00000000e+00 ... -6.45357488e+03
 1.51114196e+04  2.05039887e+04]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02  0.00000000e+00  0.00000000e+00 ... -9.68312776e+00
 1.72521648e+01  2.24101611e+01]
[ 0.00000000e+00  2.84490030e+00  0.00000000e+00 ... -1.25666237e+01
 2.36747266e+01  3.08656685e+01]
[ 0.00000000e+00  0.00000000e+00 -7.29138301e-01 ... -7.47444386e+00
 1.36283828e+01  1.76463167e+01]
...
[ 0.00000000e+00  0.00000000e+00 -3.55271368e-15 ... -8.24237520e+02
 1.51108059e+03  1.94577934e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -4.84668754e+02
 8.60489791e+02  1.11332877e+03]
[ 2.22044605e-16  0.00000000e+00  0.00000000e+00 ...  1.68818019e+03
 -3.02215689e+03 -3.92132852e+03]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02  0.00000000e+00  0.00000000e+00 ... -3.58815068e+00
 5.08687181e+00  7.34012804e+00]
[ 0.00000000e+00  2.84490030e+00  0.00000000e+00 ... -2.30637241e+00
 3.19573854e+00  5.49685681e+00]
[ 0.00000000e+00  0.00000000e+00 -7.29138301e-01 ... -1.05556767e+00
 8.16602110e-01  1.77543238e+00]
...
[ 0.00000000e+00  0.00000000e+00 -3.55271368e-15 ... -2.91936384e+02
 4.48632090e+02  6.29647125e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.93467628e+02
 2.79265780e+02  3.93324326e+02]

```

```
[ 2.22044605e-16  0.00000000e+00  0.00000000e+00 ...  6.25906616e+02
-9.01907847e+02 -1.29482186e+03]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02  0.00000000e+00  0.00000000e+00 ...  4.47907159e-01
-4.68846391e-01 -1.05110766e-01]
[ 0.00000000e+00  2.84490030e+00  0.00000000e+00 ...  3.26748381e+00
-4.47679136e+00 -4.78512928e+00]
[ 0.00000000e+00  0.00000000e+00 -7.29138301e-01 ...  6.59417110e-01
-1.54411038e+00 -1.38816728e+00]
...
[ 0.00000000e+00  0.00000000e+00 -3.55271368e-15 ...  5.92395243e+01
-3.47689071e+01 -1.81603643e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.07689708e+01
-1.56353877e+01 -1.87383490e+00]
[ 2.22044605e-16  0.00000000e+00  0.00000000e+00 ... -7.17204428e+01
5.83904202e+01 -7.92254818e+00]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02  0.00000000e+00  0.00000000e+00 ... -3.96018028e+01
4.35496701e+01 3.04869947e+01]
[ 0.00000000e+00  2.84490030e+00  0.00000000e+00 ...  3.30610054e+02
-3.64258032e+02 -2.54826852e+02]
[ 0.00000000e+00  0.00000000e+00 -7.29138301e-01 ... -6.09492758e+01
6.61698199e+01 4.56718398e+01]
...
[ 0.00000000e+00  0.00000000e+00 -3.55271368e-15 ... -4.41308184e+02
5.15381583e+02 3.64184684e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.97938685e+03
-2.16834644e+03 -1.49797068e+03]
[ 2.22044605e-16  0.00000000e+00  0.00000000e+00 ...  2.88601716e+03
-3.19245014e+03 -2.26720035e+03]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02  0.00000000e+00  0.00000000e+00 ...  1.79874690e+00
1.85031721e+00 -4.28730426e+00]
[ 0.00000000e+00  2.84490030e+00  0.00000000e+00 ... -1.40461921e+01
-1.71142730e+01 3.46663908e+01]
[ 0.00000000e+00  0.00000000e+00 -7.29138301e-01 ...  2.82705201e+00
1.93319449e+00 -7.89694393e+00]
...
[ 0.00000000e+00  0.00000000e+00 -3.55271368e-15 ...  3.72007428e+01
3.34190787e+01 -3.77378171e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -7.94013291e+01
-9.46992228e+01 2.31303838e+02]
[ 2.22044605e-16  0.00000000e+00  0.00000000e+00 ... -1.53734292e+02
-1.30759666e+02 2.86032071e+02]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02  0.00000000e+00  0.00000000e+00 ... -1.16508278e+01
-1.16894366e+00 1.10094970e+01]
[ 0.00000000e+00  2.84490030e+00  0.00000000e+00 ...  1.09993246e+02
1.07310255e+01 -1.06409196e+02]
[ 0.00000000e+00  0.00000000e+00 -7.29138301e-01 ... -2.20535104e+01
-3.65217977e+00 2.04008296e+01]
...
[ 0.00000000e+00  0.00000000e+00 -3.55271368e-15 ... -3.48205247e+01
1.72512072e+01 4.41751834e+01]
```



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[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.91598465e+02
 7.83805631e+01 -6.45588624e+02]
[ 2.22044605e-16 0.00000000e+00 0.00000000e+00 ... 6.00807153e+02
 3.86254264e+01 -5.72141575e+02]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02 0.00000000e+00 0.00000000e+00 ... 1.52093762e+00
 -7.69465963e+00 -5.70091033e+00]
[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... -1.60168029e+01
 7.31604545e+01 5.34539042e+01]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... 3.05347465e+00
 -1.60909872e+01 -1.14512369e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.48769298e+02
 -2.29192774e+03 -1.70431235e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -8.24376216e+01
 4.61862922e+02 3.36395031e+02]
[ 2.22044605e-16 0.00000000e+00 0.00000000e+00 ... -8.13507118e+01
 3.76588360e+02 2.93280444e+02]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02 0.00000000e+00 0.00000000e+00 ... -2.60783162e-01
 -5.46723778e-01 -2.29115863e-01]
[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... -2.20312242e-01
 9.78784140e+00 4.94172941e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -3.65378506e-01
 -2.37517758e+00 -9.51689473e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -8.11250513e+01
 -1.66089133e+02 -7.69681551e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.57952525e+01
 2.76525510e+01 4.00398070e+00]
[ 2.22044605e-16 0.00000000e+00 0.00000000e+00 ... 8.22265158e+00
 1.72365125e+01 1.81941118e+01]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02 0.00000000e+00 0.00000000e+00 ... 3.18499605e+01
 6.32836477e+01 2.57409756e+01]
[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... 2.52681986e+02
 5.12512034e+02 2.09480618e+02]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... 3.38499427e+02
 6.71226986e+02 2.73110789e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.05368997e+04
 2.09406306e+04 8.51053383e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.17658504e+03
 -1.03137419e+04 -4.20350655e+03]
[ 2.22044605e-16 0.00000000e+00 0.00000000e+00 ... 3.40821093e+03
 6.77580047e+03 2.76799049e+03]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02 0.00000000e+00 0.00000000e+00 ... -4.47956448e-01
 -2.54039476e+00 -1.14433561e+00]
[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... -1.18740586e+01
 -2.66604576e+01 -1.07401352e+01]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -5.74890427e+00
 -3.03605746e+01 -1.34471192e+01]
...

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```

[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.56481317e+02
-8.52773909e+02 -3.90810426e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.10171326e+02
4.60812873e+02 1.97275410e+02]
[ 2.22044605e-16 0.00000000e+00 0.00000000e+00 ... -7.40578155e+01
-3.21158943e+02 -1.30706635e+02]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02 0.00000000e+00 0.00000000e+00 ... 1.33962376e+01
5.64254567e+01 1.95339533e+01]
[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... 4.50001792e+02
1.94058319e+03 6.79137677e+02]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... 8.65482613e+01
3.62755914e+02 1.24411932e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.04404694e+03
2.12975640e+04 7.37692423e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.00358010e+03
-1.28014257e+04 -4.45355882e+03]
[ 2.22044605e-16 0.00000000e+00 0.00000000e+00 ... 6.53573938e+02
2.77800492e+03 9.56115726e+02]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02 0.00000000e+00 0.00000000e+00 ... 2.71759808e+00
7.69223985e+00 2.45079970e+00]
[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... 8.14497986e+01
2.58653186e+02 8.95466230e+01]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... 1.76544633e+01
4.83510325e+01 1.41990785e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.00024327e+03
2.84319437e+03 9.07849287e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.71194832e+02
-1.70095183e+03 -5.62350481e+02]
[ 2.22044605e-16 0.00000000e+00 0.00000000e+00 ... 1.20826706e+02
3.46750795e+02 1.03853338e+02]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02 0.00000000e+00 0.00000000e+00 ... -3.51145432e-01
3.09736907e-01 5.25915430e-01]
[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... -1.64564487e+01
2.31192757e+01 2.81344538e+01]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -2.08896274e+00
8.54100771e-01 1.81491858e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.34117584e+02
1.14252605e+02 1.96315933e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.20570875e+01
-1.05360925e+02 -1.46322493e+02]
[ 2.22044605e-16 0.00000000e+00 0.00000000e+00 ... -2.39026514e+01
-1.42587902e+00 1.30711453e+01]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02 0.00000000e+00 0.00000000e+00 ... -6.50581601e+01
-6.96798917e+01 1.55959996e+01]
[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... -3.02759870e+03
-3.23384952e+03 7.29421131e+02]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -3.52069391e+02

```

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-3.77698369e+02  8.33243895e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.65749090e+04
-2.84851377e+04  6.35430289e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.70030660e+04
 1.81862453e+04 -4.08484954e+03]
[ 2.22044605e-16  0.00000000e+00  0.00000000e+00 ... -1.19945631e+03
-1.27295052e+03  2.86854330e+02]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02  0.00000000e+00  0.00000000e+00 ...  1.17363810e+00
 6.10123566e-01 -2.43575359e-01]
[ 0.00000000e+00  2.84490030e+00  0.00000000e+00 ...  3.58517124e+01
 1.73075054e+01 -3.21415739e+00]
[ 0.00000000e+00  0.00000000e+00 -7.29138301e-01 ...  6.97484922e+00
 3.34556808e+00 -2.54234415e+00]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  5.35108641e+02
 2.85990403e+02 -1.29156240e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.90743179e+02
-1.67206417e+02  5.10276954e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  3.96847018e+01
 6.21334248e+01 -2.96604837e+01]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02  0.00000000e+00  0.00000000e+00 ... -4.81654339e-01
-4.36710843e-02  4.51172338e-01]
[ 0.00000000e+00  2.84490030e+00  0.00000000e+00 ... -1.77544915e+01
-3.86545983e+00  1.92850613e+01]
[ 0.00000000e+00  0.00000000e+00 -7.29138301e-01 ... -2.93016424e+00
-5.66637798e-01  1.61491840e+00]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.73063761e+02
-3.32153040e+01  2.10044194e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.63342590e+02
 1.21448805e+01 -1.39557988e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -6.46115054e+01
 2.09393127e+01  1.41139866e+01]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02  0.00000000e+00  0.00000000e+00 ...  1.12926803e+01
 2.55890879e+00 -8.87558263e+00]
[ 0.00000000e+00  2.84490030e+00  0.00000000e+00 ...  4.23548010e+02
 9.36793314e+01 -3.30282064e+02]
[ 0.00000000e+00  0.00000000e+00 -7.29138301e-01 ...  7.59084523e+01
 1.68597225e+01 -6.08351889e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  3.81139756e+03
 8.69607422e+02 -3.02536326e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.48470238e+03
-5.73174697e+02  1.95802692e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.85652017e+02
-5.81528627e+00  1.09993307e+02]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02  0.00000000e+00  0.00000000e+00 ...  1.07975862e+02
 2.11400312e+01 -8.46223042e+01]
[ 0.00000000e+00  2.84490030e+00  0.00000000e+00 ...  3.65759985e+03

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7.15217761e+02 -2.86400943e+03]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... 7.21503711e+02
1.40933882e+02 -5.66628681e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.00092432e+04
7.82631476e+03 -3.13846712e+04]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.35620338e+04
-4.62393583e+03 1.84711238e+04]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.95689883e+02
6.74731635e+01 -1.88770120e+02]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02 0.00000000e+00 0.00000000e+00 ... -8.68818213e+00
-1.90853092e+01 2.79163989e+01]
[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... -2.90271380e+02
-6.45993955e+02 9.44261665e+02]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -5.83560964e+01
-1.27958958e+02 1.85654610e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.22691366e+03
-7.08135570e+03 1.03226178e+04]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.81775339e+03
4.12692297e+03 -6.01121218e+03]
[ 0.00000000e+00 0.00000000e+00 7.10542736e-15 ... 2.88076970e+03
6.31052021e+03 -9.27312401e+03]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02 0.00000000e+00 0.00000000e+00 ... 1.22249640e+00
-1.96580505e+00 1.25192015e-01]
[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... 4.48242978e+01
-6.71565084e+01 4.59711001e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... 8.20398361e+00
-1.29844321e+01 -9.91031808e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.59330785e+02
-7.13812158e+02 -1.42306561e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.21653655e+02
4.31354838e+02 -1.19555524e+01]
[ 0.00000000e+00 0.00000000e+00 7.10542736e-15 ... -3.99104350e+02
6.44932605e+02 -7.58063831e+01]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02 0.00000000e+00 0.00000000e+00 ... -1.32335855e+01
5.08650022e+01 2.28229886e+01]
[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... -4.51165855e+02
1.74547573e+03 7.83361623e+02]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -7.29147976e+01
2.83470079e+02 1.26375263e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.43548452e+03
1.71746479e+04 7.67122123e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.84069626e+03
-1.11256839e+04 -4.97722731e+03]
[ 0.00000000e+00 0.00000000e+00 7.10542736e-15 ... 4.51186936e+03
-1.73025795e+04 -7.78662892e+03]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02 0.00000000e+00 0.00000000e+00 ... -2.39336934e+00

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```

1.61647159e+00 8.35996808e-01]
[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... -7.86133075e+01
5.29204158e+01 2.77208072e+01]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -1.27960134e+01
1.03425201e+01 4.43754620e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.91466202e+02
6.19392482e+02 2.80132397e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.61056445e+02
-3.14666644e+02 -1.50651868e+02]
[ 0.00000000e+00 0.00000000e+00 7.10542736e-15 ... 8.24544082e+02
-5.50574881e+02 -3.07701453e+02]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02 0.00000000e+00 0.00000000e+00 ... 1.50153867e+00
-3.29539462e-01 -5.42577636e-01]
[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... 6.61361386e+01
-1.94006817e+01 -2.35122096e+01]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... 8.54957089e+00
-3.22364101e-01 -3.11756858e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.47018415e+02
-4.93539566e+01 -1.93614527e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.73289980e+02
2.27156130e+00 7.38704497e+01]
[ 0.00000000e+00 0.00000000e+00 7.10542736e-15 ... -6.18495205e+02
1.70410158e+02 2.03051838e+02]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02 0.00000000e+00 0.00000000e+00 ... -9.66133573e-01
4.16123561e-01 5.86628093e-01]
[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... -2.70189918e+01
8.74824949e+00 1.91155370e+01]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -5.18651267e+00
3.82830446e+00 3.16805719e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.09767283e+02
2.09543235e+02 1.98450230e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.16707219e+02
-1.15574920e+02 -1.04592097e+02]
[ 0.00000000e+00 0.00000000e+00 7.10542736e-15 ... 3.76909471e+02
-1.30373896e+02 -2.52444902e+02]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02 0.00000000e+00 0.00000000e+00 ... -7.40651373e-02
1.07908342e-01 2.32580760e-01]
[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... 7.93316553e+00
-3.32793929e+00 5.24359889e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... 3.18647179e+00
9.35386011e-01 -1.55043028e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.78274423e+02
4.09217762e+01 4.75448085e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.04163735e+01
-2.32820495e+01 1.42487663e+00]
[ 0.00000000e+00 0.00000000e+00 7.10542736e-15 ... 9.33027752e+00
-3.37298750e+00 -1.06558748e+02]]

```

```
[06-24 17:40:27][INFO]
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  6.73983065e-01 -7.23911411e-01]
[ 0.00000000e+00  2.84490030e+00  0.00000000e+00 ...  1.93424728e+01
 -3.31212917e+01  5.55852007e+01]
[ 0.00000000e+00  0.00000000e+00 -7.29138301e-01 ...  1.40736934e+01
 -2.74946336e+01  4.78829457e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  6.52932174e+02
 -1.19856151e+03  2.09909999e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.94579195e+02
  6.14305212e+02 -1.07590149e+03]
[ 0.00000000e+00  0.00000000e+00  7.10542736e-15 ...  7.27634751e+01
 -1.69017366e+02  1.73329302e+02]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02  0.00000000e+00  0.00000000e+00 ...  3.50375811e-02
 -8.29814781e-02  5.23646583e-02]
[ 0.00000000e+00  2.84490030e+00  0.00000000e+00 ... -1.17030220e+00
  1.45264490e+01  6.72188051e+00]
[ 0.00000000e+00  0.00000000e+00 -7.29138301e-01 ... -2.93986572e+00
  1.20250146e+01  7.35508021e+00]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.03913643e+02
  5.59464565e+02  2.96223517e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  8.10798446e+01
 -2.58287819e+02 -1.81047041e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.62404531e+02
  6.51650651e+02  4.05669637e+02]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02  0.00000000e+00  0.00000000e+00 ...  2.98025673e+00
 -5.49883188e+00 -4.37533807e+00]
[ 0.00000000e+00  2.84490030e+00  0.00000000e+00 ... -8.58709608e+01
  1.70279238e+02  1.34056832e+02]
[ 0.00000000e+00  0.00000000e+00 -7.29138301e-01 ... -7.41930480e+01
  1.43049755e+02  1.14473734e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -4.64563896e+03
  8.91106885e+03  7.12403787e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.72771179e+03
 -3.28621606e+03 -2.65651537e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -3.82533985e+03
  7.38728175e+03  5.91235279e+03]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02  0.00000000e+00  0.00000000e+00 ... -2.16540954e+00
  3.58957406e+00  3.03594027e+00]
[ 0.00000000e+00  2.84490030e+00  0.00000000e+00 ...  1.09970319e+02
 -1.75620585e+02 -1.48012419e+02]
[ 0.00000000e+00  0.00000000e+00 -7.29138301e-01 ...  9.84153085e+01
 -1.61815490e+02 -1.34133250e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  5.37137294e+03
 -8.78123098e+03 -7.30341611e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.85528738e+03
  3.04216770e+03  2.50406106e+03]]
```

```

[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.92245996e+03
-8.06330357e+03 -6.68706112e+03]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02 0.00000000e+00 0.00000000e+00 ... 1.99584720e-01
-3.00246868e-01 -2.71587291e-01]
[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... 5.12466528e+00
-3.17584582e+00 -1.38208972e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -6.83114696e+00
1.12884669e+01 1.30576149e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.58440535e+02
1.13629613e+03 1.12948987e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.80609645e+02
-3.06371022e+02 -3.43212453e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.23983537e+02
7.30251736e+02 7.90127941e+02]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02 0.00000000e+00 0.00000000e+00 ... 8.47956660e-02
-1.58567343e-02 5.54038602e-02]
[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... 5.33419084e+00
-3.69494586e+00 -1.97894981e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -2.34924836e+00
1.84553269e-01 2.90359383e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.37875064e+02
9.43442457e+01 -6.85441121e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.28381032e+01
-1.45917679e+01 -7.72530672e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.46708985e+02
4.33034243e+01 2.76280581e-01]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02 0.00000000e+00 0.00000000e+00 ... 1.83508477e-03
-1.68949346e-02 2.93932301e-02]
[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... 4.42189170e+00
-3.70636272e+00 -2.26498295e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -5.62401806e-02
2.13248844e-01 1.00928621e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.36099731e-01
9.73278135e+01 6.20493723e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.10490633e+00
-1.53518062e+01 -2.67669852e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.93114826e-01
4.51468187e+01 4.64599064e+01]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02 0.00000000e+00 0.00000000e+00 ... -2.28805819e-02
1.63364928e-01 3.43689347e-01]
[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... 5.82735778e+00
-1.39569105e+01 -2.01375550e+01]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... 2.16025176e-01
-1.77247610e+00 -2.45296894e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.00153272e+01
-4.47408961e+01 -2.41502140e+02]

```

```

[ 0.00000000e+00 7.10542736e-15 0.00000000e+00 ... -2.90408273e+01
 4.79195774e+01 7.76340557e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 7.36529732e+00
-4.24503884e+00 -3.96583720e+01]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02 0.00000000e+00 0.00000000e+00 ... -5.60338890e-01
-1.87887395e-01 1.09694321e+00]
[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... 4.76077010e+01
1.33483565e+01 -7.86931757e+01]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... 6.18609028e+00
2.12922047e+00 -1.08200823e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.30554346e+02
1.58209826e+02 -6.76726066e+02]
[ 0.00000000e+00 7.10542736e-15 0.00000000e+00 ... -1.43051607e+02
-2.65914136e+01 2.37421445e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.26385194e+01
1.88075422e+01 -8.90941892e+01]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02 0.00000000e+00 0.00000000e+00 ... -1.10900217e+00
-4.29898797e-01 2.24338805e+00]
[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... 9.10011436e+01
3.24888898e+01 -1.69364795e+02]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... 1.03658124e+01
3.97286566e+00 -1.95537101e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.24757613e+02
2.87980757e+02 -1.29147071e+03]
[ 0.00000000e+00 7.10542736e-15 0.00000000e+00 ... -2.65092357e+02
-8.04227050e+01 4.92428464e+02]
[-2.22044605e-16 0.00000000e+00 0.00000000e+00 ... 1.71108030e+02
3.14233930e+01 -2.68631649e+02]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02 0.00000000e+00 0.00000000e+00 ... 3.08861487e+00
1.14497163e+00 -5.70378683e+00]
[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... 4.13256280e+01
1.38515297e+01 -7.53161940e+01]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... 5.60958489e+00
2.18841460e+00 -1.05489410e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.83667381e+03
-6.35504049e+02 3.36865567e+03]
[ 0.00000000e+00 7.10542736e-15 0.00000000e+00 ... -1.62401278e+03
-5.90265211e+02 3.06521634e+03]
[-2.22044605e-16 0.00000000e+00 0.00000000e+00 ... 1.88761156e+03
6.75424650e+02 -3.51841684e+03]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02 0.00000000e+00 0.00000000e+00 ... 9.77773148e-03
2.59345955e-02 1.07313933e-01]
[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... 3.54415373e+00
1.19439505e-01 -4.00616870e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... -6.24492425e-01
-7.74289950e-02 1.21746618e+00]
...

```



```

[ 0.00000000e+00 7.10542736e-15 0.00000000e+00 ... -1.62401278e+03
-5.90265211e+02 3.06521634e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.92935458e+01
1.05042502e+01 1.39683894e+01]
[-2.22044605e-16 0.00000000e+00 0.00000000e+00 ... 2.35172940e+01
-2.10080302e+00 -6.26328879e-02]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02 0.00000000e+00 0.00000000e+00 ... 0.00000000e+00
2.68080415e-02 1.07339973e-01]
[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... 4.44089210e-16
4.36039231e-01 -3.99672967e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... 0.00000000e+00
-1.33214987e-01 1.21580299e+00]
...
[ 0.00000000e+00 7.10542736e-15 0.00000000e+00 ... -2.27373675e-13
-7.35338490e+02 3.06089116e+03]
[-2.22044605e-16 0.00000000e+00 0.00000000e+00 ... 2.35172940e+01
-2.10080302e+00 -6.26328879e-02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 0.00000000e+00
5.20754982e+00 1.38104748e+01]]
[06-24 17:40:27][INFO]
[[-6.61813604e-02 0.00000000e+00 0.00000000e+00 ... 0.00000000e+00
0.00000000e+00 3.62447763e-02]
[ 0.00000000e+00 2.84490030e+00 0.00000000e+00 ... 4.44089210e-16
0.00000000e+00 -5.15311012e+00]
[ 0.00000000e+00 0.00000000e+00 -7.29138301e-01 ... 0.00000000e+00
0.00000000e+00 1.56909048e+00]
...
[ 0.00000000e+00 7.10542736e-15 0.00000000e+00 ... -2.27373675e-13
0.00000000e+00 5.01101626e+03]
[-2.22044605e-16 0.00000000e+00 0.00000000e+00 ... 2.35172940e+01
0.00000000e+00 5.50871795e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 0.00000000e+00
5.20754982e+00 1.38104748e+01]]
n = 87: 0.265455 segundos
[06-24 17:40:27][INFO]
[[ 3.49157571e-02 4.28244981e+00 1.64073949e-02 ... -1.39467257e+00
-1.59356652e+00 3.31610626e-01]
[ 4.44089210e-16 4.19351095e+02 6.52610813e+00 ... -1.39515476e+02
-1.57736122e+02 2.91481924e+01]
[ 0.00000000e+00 6.00289704e+02 4.91222396e+00 ... -1.95327567e+02
-2.22903247e+02 4.49443481e+01]
...
[ 0.00000000e+00 2.23926543e+02 1.85423426e-01 ... -7.88850682e+01
-8.28049913e+01 1.41710962e+01]
[ 0.00000000e+00 4.98122030e+02 -2.48052425e+00 ... -1.59661961e+02
-1.87931049e+02 4.24295540e+01]
[ 0.00000000e+00 -1.76016522e+02 3.73191893e+00 ... 6.00342142e+01
6.28913505e+01 -1.13418181e+01]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02 0.00000000e+00 -6.45907417e-03 ... -8.50356429e-01
-1.14423749e+00 2.08955388e+00]
[ 0.00000000e+00 1.04034648e+01 5.55500979e-02 ... -1.32232111e+00
-1.09156650e+00 -4.27061649e+00]

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[ 0.00000000e+00 0.00000000e+00 1.70693106e+00 ... -1.19028395e+02
-1.59918833e+02 2.91362936e+02]
...
[ 0.00000000e+00 0.00000000e+00 -1.01024952e+00 ... -5.04231279e+01
-5.93098657e+01 1.06092817e+02]
[ 0.00000000e+00 0.00000000e+00 -5.14028501e+00 ... -9.63487007e+01
-1.35666412e+02 2.46908369e+02]
[ 0.00000000e+00 0.00000000e+00 4.67177265e+00 ... 3.76618251e+01
4.44231053e+01 -8.35965020e+01]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02 0.00000000e+00 0.00000000e+00 ... 7.40834282e+00
9.96231156e+00 -1.87427843e+01]
[ 0.00000000e+00 1.04034648e+01 0.00000000e+00 ... -7.23497686e+01
-9.66114306e+01 1.74894136e+02]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -1.18358288e+02
-1.59171813e+02 2.98555475e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.24130177e+03
1.67784093e+03 -3.15224716e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.47612080e+03
8.70318976e+03 -1.63319623e+04]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.93575855e+03
-7.98881365e+03 1.49841895e+04]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02 0.00000000e+00 0.00000000e+00 ... 4.71414031e-02
1.85535761e-02 4.92088005e-01]
[ 0.00000000e+00 1.04034648e+01 0.00000000e+00 ... -3.93370076e+00
-4.19270944e+00 -3.87754196e+00]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -9.53804760e-01
-5.77895705e-01 -8.22328446e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.24365324e+00
6.78129470e+00 8.01946079e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.46217269e+01
2.88132552e+01 4.47460945e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.32694195e+01
-2.90415305e+01 -4.12926976e+02]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02 0.00000000e+00 0.00000000e+00 ... -1.68440328e-02
-3.67701715e-02 -8.29820144e-02]
[ 0.00000000e+00 1.04034648e+01 0.00000000e+00 ... -4.80373680e+00
-4.94496897e+00 -1.16970033e+01]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... 1.65905707e-01
3.90239909e-01 1.84012937e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.68090743e+00
-2.66441162e+00 -1.79900372e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.52029441e+00
-2.40519899e+01 -1.02053845e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.34852806e+01
2.00303037e+01 9.71567020e+01]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02 0.00000000e+00 0.00000000e+00 ... 3.94098872e+00
1.04587771e+01 1.38653936e+01]

```

```

[ 0.00000000e+00 1.04034648e+01 0.00000000e+00 ... 2.91363793e+01
 8.50588578e+01 1.07916310e+02]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -9.08914018e+01
-2.41079356e+02 -3.19068208e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.31344238e+02
1.68927749e+03 2.23056742e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.79640953e+03
1.27125592e+04 1.68246516e+04]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.59234347e+03
-1.21939000e+04 -1.61349161e+04]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02 0.00000000e+00 0.00000000e+00 ... -1.24811518e+00
-3.59238611e+00 -4.71252854e+00]
[ 0.00000000e+00 1.04034648e+01 0.00000000e+00 ... -2.89640326e+01
-7.22666431e+01 -1.00093580e+02]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... 3.70863433e+01
1.05461438e+02 1.39115060e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.89855957e+02
-8.05167513e+02 -1.06749440e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.87028440e+03
-5.33965292e+03 -7.04330770e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.85326693e+03
5.25965759e+03 6.94152454e+03]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02 0.00000000e+00 0.00000000e+00 ... 1.48713806e+00
4.52535466e+00 5.75318233e+00]
[ 0.00000000e+00 1.04034648e+01 0.00000000e+00 ... -6.16802018e+01
-1.69362363e+02 -2.25273202e+02]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -2.00379593e+01
-6.40732416e+01 -7.94557202e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 8.98419808e+01
3.21707831e+02 3.85317639e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.23193760e+03
3.86718528e+03 4.82651044e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.02031320e+03
-3.26861259e+03 -4.05345700e+03]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02 0.00000000e+00 0.00000000e+00 ... -1.22080718e+00
-1.10782011e-01 -2.18941553e+00]
[ 0.00000000e+00 1.04034648e+01 0.00000000e+00 ... 4.29299716e+01
9.73544711e+00 8.15559491e+01]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... 1.84666156e+01
1.84850201e+00 3.34809634e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -9.87495030e+01
-1.17015130e+00 -1.67834727e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.08740619e+03
-1.03646432e+02 -1.97629147e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.45179340e+02
9.64082151e+01 1.71147378e+03]]
[06-24 17:40:27][INFO]

```

```
[[ 3.49157571e-02  0.00000000e+00  0.00000000e+00 ... -4.18696913e-02
  1.63053144e-01  1.21745118e-01]
[ 0.00000000e+00  1.04034648e+01  0.00000000e+00 ...  4.38309079e-01
-1.34211873e-01 -1.74368219e+00]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ...  6.26289606e-01
-2.29532111e+00 -1.49278179e+00]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.11516937e-01
  2.17407735e+01  2.55328039e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -3.42871466e+01
  1.40964516e+02  8.82177299e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  3.91312008e+01
-1.14042156e+02 -6.47211576e+01]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02  0.00000000e+00  0.00000000e+00 ...  3.96088327e-01
-3.99711537e-01 -6.21916284e-01]
[ 0.00000000e+00  1.04034648e+01  0.00000000e+00 ...  5.65125741e+00
-6.83271511e+00 -1.05953719e+01]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... -4.93778088e+00
 4.85436497e+00  7.95512026e+00]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  7.27621626e+01
-7.19000123e+01 -9.82081494e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  3.09761795e+02
-3.01129440e+02 -4.95984197e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.24800608e+02
 2.25103365e+02  3.83440289e+02]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02  0.00000000e+00  0.00000000e+00 ...  2.86998020e-01
-2.58800061e-01 -4.26590462e-01]
[ 0.00000000e+00  1.04034648e+01  0.00000000e+00 ...  9.36111042e+00
-1.16247161e+01 -1.72378510e+01]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... -3.08650100e+00
 2.46307481e+00  4.64040997e+00]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  5.74397653e+01
-5.21081384e+01 -7.07734495e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.02795575e+02
-1.62961639e+02 -3.04461546e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.31647661e+02
 1.04778108e+02  2.16650256e+02]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02  0.00000000e+00  0.00000000e+00 ... -1.78235107e-01
-1.92305286e-01  2.34233771e-01]
[ 0.00000000e+00  1.04034648e+01  0.00000000e+00 ... -1.25367153e+01
-8.49490676e+00  1.38661549e+01]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ...  1.72751324e+00
 1.77501806e+00 -2.19748932e+00]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -4.19387622e+01
-3.79041782e+01  7.03853276e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.09474166e+02
-1.18329593e+02  1.39091159e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  8.72495222e+01
```

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7.34916023e+01 -9.42746437e+01]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02  0.00000000e+00  0.00000000e+00 ... 1.54153809e-01
 2.67477559e-02 -3.17493860e-01]
 [ 0.00000000e+00  1.04034648e+01  0.00000000e+00 ... 5.07669501e+00
 3.11279414e+00 -1.53700943e+01]
 [ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... -1.39112810e+00
 -2.80248651e-01  2.97909906e+00]
 ...
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 1.75846071e+01
 1.32328853e+00 -2.84166659e+01]
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 1.19601587e+02
 3.26373564e+01 -2.41148423e+02]
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -5.70819944e+01
 -2.16266652e+01  1.45299187e+02]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02  0.00000000e+00  0.00000000e+00 ... -6.94820385e-02
 1.39311246e-04 -2.13073613e-01]
 [ 0.00000000e+00  1.04034648e+01  0.00000000e+00 ... -1.12542799e+01
 1.16971639e+00 -7.74482110e+00]
 [ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... 7.48396190e-01
 -2.56856441e-02  1.98011049e+00]
 ...
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.44626485e+01
 -2.48972997e+00 -1.34531332e+01]
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -4.98172281e+01
 1.24797152e+01 -1.62043241e+02]
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 4.02461021e+01
 -1.00464588e+01  9.98546660e+01]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02  0.00000000e+00  0.00000000e+00 ... -8.81879202e+00
 -3.64041163e+00  2.68899829e+00]
 [ 0.00000000e+00  1.04034648e+01  0.00000000e+00 ... -7.42412838e+02
 -3.03062272e+02  2.34774270e+02]
 [ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... 7.62787625e+01
 3.14021809e+01 -2.30726713e+01]
 ...
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.21887805e+03
 -5.03641893e+02  3.86041239e+02]
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -6.42306076e+03
 -2.63940001e+03  1.95190758e+03]
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 3.64669714e+03
 1.49058259e+03 -1.09637455e+03]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02  0.00000000e+00  0.00000000e+00 ... -2.28027461e+00
 -7.74338093e-01  6.82958289e-02]
 [ 0.00000000e+00  1.04034648e+01  0.00000000e+00 ... -1.77458202e+02
 -5.54218014e+01  8.33486352e+00]
 [ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... 2.01341719e+01
 6.79193436e+00 -5.69363998e-01]
 ...
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.50880622e+02
 -7.93328888e+01 -1.94170628e+00]
 [ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.68838542e+03

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-5.64017037e+02  5.42028624e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  9.33441786e+02
 3.01262615e+02 -8.87496367e+00]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02  0.00000000e+00  0.00000000e+00 ... -1.05026178e+00
-2.33485111e-01  7.68532474e-01]
[ 0.00000000e+00  1.04034648e+01  0.00000000e+00 ... -8.67151490e+01
-1.55208754e+01  5.99941712e+01]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ...  9.29478296e+00
 2.02571102e+00 -6.74014303e+00]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.18028737e+02
-2.09161502e+01  7.36898286e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -7.72589919e+02
-1.61329588e+02  5.75558051e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  4.27031338e+02
 7.85872127e+01 -2.97170456e+02]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02  0.00000000e+00  0.00000000e+00 ...  1.12579489e+00
 3.51541809e-01 -1.21998844e+00]
[ 0.00000000e+00  1.04034648e+01  0.00000000e+00 ...  6.00805840e+01
 2.39447583e+01 -7.41504899e+01]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... -9.56290133e+00
-3.04412614e+00  1.04923583e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.09410838e+02
 4.02303615e+01 -1.34148671e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  7.99379190e+02
 2.61290034e+02 -8.60936452e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -4.25611755e+02
-1.50643565e+02  4.81990603e+02]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02  0.00000000e+00  0.00000000e+00 ... -3.62594823e+00
-1.06423740e+00  4.54676118e+00]
[ 0.00000000e+00  1.04034648e+01  0.00000000e+00 ... -3.55842081e+02
-9.99791677e+01  4.30616247e+02]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ...  2.24947841e+01
 6.50744336e+00 -2.84130792e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.14776769e+03
-3.34345281e+02  1.39157224e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.50249386e+03
-4.24551756e+02  1.93263323e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  9.30406730e+02
 2.53381386e+02 -1.16368318e+03]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02  0.00000000e+00  0.00000000e+00 ...  2.19221087e-01
-2.10616677e-01 -1.01473131e+00]
[ 0.00000000e+00  1.04034648e+01  0.00000000e+00 ...  7.51269035e+01
-4.30482242e+00 -1.92719313e+02]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... -1.88448672e+00
 1.09528875e+00  6.84808105e+00]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.59775194e+02

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```
-4.40730936e+01 -4.99603250e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.75849850e+02
-5.19624491e+01 -4.94853092e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.49119384e+02
1.37285156e+01 3.97698356e+02]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02 0.00000000e+00 0.00000000e+00 ... 1.92855260e+00
1.89117991e+01 2.68691076e+01]
[ 0.00000000e+00 1.04034648e+01 0.00000000e+00 ... 4.59929731e+02
4.30051236e+03 6.08445979e+03]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -1.34007439e+01
-1.27737917e+02 -1.81013348e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.13122849e+03
1.08236455e+04 1.53474381e+04]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.04835413e+03
9.70880627e+03 1.37380611e+04]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -9.30889582e+02
-8.73199148e+03 -1.23550966e+04]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02 0.00000000e+00 0.00000000e+00 ... -9.33677427e-01
1.10682975e+00 9.92706085e-01]
[ 0.00000000e+00 1.04034648e+01 0.00000000e+00 ... -1.89507474e+02
2.60582153e+02 2.13129492e+02]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... 5.90362072e+00
-7.65196393e+00 -6.48946785e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.05265426e+02
6.43567786e+02 5.52479896e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.15917526e+02
6.00065291e+02 5.00102950e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.86364924e+02
-5.37794667e+02 -4.46268082e+02]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02 0.00000000e+00 0.00000000e+00 ... -3.48089904e-01
-2.15358233e+00 -4.92784353e-01]
[ 0.00000000e+00 1.04034648e+01 0.00000000e+00 ... -5.67416782e+01
-4.78626226e+02 -1.23664433e+02]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... 1.62550095e+00
1.61675896e+01 4.36306192e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.81037062e+02
-1.16165864e+03 -2.70007119e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.04563497e+02
-1.13347990e+03 -2.89725067e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 8.87307693e+01
1.11936153e+03 3.08756016e+02]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02 0.00000000e+00 0.00000000e+00 ... -6.30398053e-02
1.55272349e+00 5.06283222e-01]
[ 0.00000000e+00 1.04034648e+01 0.00000000e+00 ... 2.79428162e+01
6.22466654e+02 1.73144910e+02]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -1.37246965e+00
-2.28129120e+01 -6.14447772e+00]
```

```

...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -9.64777178e+00
 1.06679568e+03 3.30692491e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.38517468e+01
 1.44637387e+03 4.05697378e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.28966298e+02
 -1.71120023e+03 -4.54246988e+02]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02 0.00000000e+00 0.00000000e+00 ... 3.19885010e+00
 9.82776208e+00 1.22499585e+00]
[ 0.00000000e+00 1.04034648e+01 0.00000000e+00 ... 1.05414301e+03
 3.22581822e+03 3.99254026e+02]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -3.60433860e+01
 -1.10769029e+02 -1.37837379e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.10897187e+03
 6.44148943e+03 7.97501225e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.28456519e+03
 7.00396129e+03 8.88390991e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.60716637e+03
 -7.99810806e+03 -1.00028433e+03]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02 0.00000000e+00 0.00000000e+00 ... -2.38175628e-01
 -1.16771129e+00 -1.35959505e-01]
[ 0.00000000e+00 1.04034648e+01 0.00000000e+00 ... -1.05807339e+02
 -4.85007411e+02 -6.00502589e+01]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... 3.85198857e+00
 1.68612428e+01 2.01359044e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.53962526e+02
 -7.97919532e+02 -9.85504587e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.50623502e+02
 -1.10642309e+03 -1.15464933e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.35003714e+02
 1.41426046e+03 1.64723574e+02]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02 0.00000000e+00 0.00000000e+00 ... 1.80146984e+00
 7.09279753e+00 1.41949300e+00]
[ 0.00000000e+00 1.04034648e+01 0.00000000e+00 ... 8.30751253e+02
 3.30802948e+03 6.54177987e+02]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -2.59829592e+01
 -1.03969486e+02 -2.07388167e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.11197647e+03
 4.32909905e+03 8.66866328e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.82364293e+03
 7.29429970e+03 1.46638984e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.24791807e+03
 -9.04650268e+03 -1.80503647e+03]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02 0.00000000e+00 0.00000000e+00 ... 7.86828982e-01
 9.81382202e-01 1.81928947e-01]
[ 0.00000000e+00 1.04034648e+01 0.00000000e+00 ... 3.58921914e+02
 4.66092823e+02 7.86846759e+01]

```



```

[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -1.11476483e+01
-1.46129958e+01 -2.64409160e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.00784164e+02
6.47747193e+02 1.21391103e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 7.82487609e+02
1.02318166e+03 1.96485923e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -9.52379991e+02
-1.24317879e+03 -2.24860257e+02]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02 0.00000000e+00 0.00000000e+00 ... 1.85346507e-01
-1.34165224e-01 1.23402034e-01]
[ 0.00000000e+00 1.04034648e+01 0.00000000e+00 ... -1.97818849e+01
-2.36275186e+02 4.18351165e+01]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... 1.95583262e+00
9.68954845e+00 -1.36906479e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.75791102e+01
-4.06375271e+02 6.60868355e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.42404419e+01
-5.28667085e+02 1.15068573e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.29455295e+02
7.63261329e+02 -1.19592885e+02]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02 0.00000000e+00 0.00000000e+00 ... 9.74796350e-01
2.25435939e+00 3.63274718e-02]
[ 0.00000000e+00 1.04034648e+01 0.00000000e+00 ... 3.29308493e+02
8.19917261e+02 3.33122402e+00]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -1.08920134e+01
-2.91823277e+01 4.80240667e-02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.45579203e+02
1.14621388e+03 9.48661456e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 8.73597647e+02
2.27855890e+03 1.27300944e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -9.54961271e+02
-2.51770159e+03 1.58508589e-02]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02 0.00000000e+00 0.00000000e+00 ... 2.34051341e-01
1.23478677e-01 1.83784398e-01]
[ 0.00000000e+00 1.04034648e+01 0.00000000e+00 ... 5.19280980e+01
2.19847368e+01 5.85481474e+01]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -1.04742060e+00
-8.62659348e-01 -1.91169673e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.75518256e+01
2.99862392e+01 8.67295572e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.13895203e+02
9.31438580e+01 1.63960795e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.14031019e+02
-9.86207557e+01 -1.67384521e+02]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02 0.00000000e+00 0.00000000e+00 ... 4.16463734e-01
1.05952799e-01 1.01168083e+00]

```

```

[ 0.00000000e+00 1.04034648e+01 0.00000000e+00 ... 1.09856913e+02
 1.64190330e+01 3.21463722e+02]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -5.76630864e+00
-4.09276460e-01 -2.33288302e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.66908289e+02
 1.94794527e+01 5.83054526e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.75141172e+02
 6.80437812e+01 1.34965110e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.63217852e+02
-5.54636344e+01 -2.20606276e+03]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02 0.00000000e+00 0.00000000e+00 ... 1.67352794e-01
 8.71215436e-02 -1.29383106e-02]
[ 0.00000000e+00 1.04034648e+01 0.00000000e+00 ... 2.82786747e+01
 1.02522197e+01 -1.40760352e+01]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... 9.92527793e-02
 3.41239214e-02 7.96832437e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.99193665e+01
 8.36799391e+00 -2.15261592e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.49066383e+01
 4.30800808e+01 -8.63780023e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -9.17402562e+00
-1.35813274e+01 7.27769805e+01]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02 0.00000000e+00 0.00000000e+00 ... 6.16913599e-02
 1.55449375e-01 -6.24896189e-01]
[ 0.00000000e+00 1.04034648e+01 0.00000000e+00 ... -1.16848287e+01
 3.60953246e+01 -2.45532110e+02]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... 7.61322705e-01
-3.94015283e-01 4.63133374e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.87950373e+01
 5.92700525e+01 -4.77415292e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.61530995e+01
 2.93406816e+01 1.14415038e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.16249191e+01
-4.64313617e+01 3.66988532e+02]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02 0.00000000e+00 0.00000000e+00 ... 4.42720469e+00
 2.09167213e+00 6.92547371e+00]
[ 0.00000000e+00 1.04034648e+01 0.00000000e+00 ... 7.02101087e+02
 3.52678606e+02 9.88995720e+02]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... 9.06038670e+00
 3.28684315e+00 1.89849729e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.22976909e+03
 6.30782955e+02 1.75121971e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.45977499e+02
-1.81435234e+02 -9.54113239e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 8.01894177e+02
 2.90768534e+02 1.68191159e+03]]
[06-24 17:40:27][INFO]

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[[ 3.49157571e-02  0.00000000e+00  0.00000000e+00 ...  4.64171625e+01
  4.18295847e+01 -1.74145037e+01]
[ 0.00000000e+00  1.04034648e+01  0.00000000e+00 ...  6.82075287e+03
  6.14316905e+03 -2.55775340e+03]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ...  1.18723305e+02
  1.07068216e+02 -4.45824395e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.20771403e+04
  1.08963777e+04 -4.53658775e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -6.84320716e+02
 -5.96268811e+02  2.44549716e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.05563645e+04
  9.52207786e+03 -3.97238292e+03]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02  0.00000000e+00  0.00000000e+00 ... -6.71959962e+00
 -3.01431469e+00  2.65621359e+00]
[ 0.00000000e+00  1.04034648e+01  0.00000000e+00 ... -9.78098852e+02
 -4.38544021e+02  3.88014115e+02]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... -1.72338615e+01
 -7.67060625e+00  6.77104442e+00]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.76994445e+03
 -7.89642533e+02  6.93706906e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  6.99688125e+01
  4.03014721e+01 -4.03590982e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.55728919e+03
 -7.01041615e+02  6.03163447e+02]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02  0.00000000e+00  0.00000000e+00 ... -4.80972680e-01
  5.79084146e-01 -9.42323370e-01]
[ 0.00000000e+00  1.04034648e+01  0.00000000e+00 ... -7.61151281e+01
  8.09913343e+01 -1.32264112e+02]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... -1.37481183e+00
  1.46407855e+00 -2.37670186e+00]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.09554906e+02
  1.66728461e+02 -2.64031580e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -9.82433024e+01
  8.32172723e+01 -1.42251688e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.00446415e+02
  1.38088083e+02 -2.37166103e+02]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02  0.00000000e+00  0.00000000e+00 ...  1.44789715e+00
  1.00496236e+00 -1.00010626e+00]
[ 0.00000000e+00  1.04034648e+01  0.00000000e+00 ...  1.88504265e+02
  1.39417068e+02 -1.40191279e+02]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ...  3.76656474e+00
  2.59925119e+00 -2.53072136e+00]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  3.84894910e+02
  2.75898816e+02 -2.78843745e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.42739792e+02
  1.58503468e+02 -1.52466471e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  3.78865854e+02

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2.43916195e+02 -2.51524794e+02]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02  0.00000000e+00  0.00000000e+00 ... -2.34342198e+01
-1.58169808e+01  1.43676704e+01]
[ 0.00000000e+00  1.04034648e+01  0.00000000e+00 ... -3.43074647e+03
-2.30743383e+03  2.09514251e+03]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... -6.02297005e+01
-4.06664218e+01  3.69948668e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -6.84362511e+03
-4.61105486e+03  4.18565905e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -4.53748427e+03
-3.07324155e+03  2.79991156e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -4.78267697e+03
-3.24562532e+03  2.93636461e+03]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02  0.00000000e+00  0.00000000e+00 ...  1.10696286e+00
9.18251753e-01 -7.00655899e-01]
[ 0.00000000e+00  1.04034648e+01  0.00000000e+00 ...  3.69405668e+02
2.83982839e+02 -2.38157111e+02]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ...  4.13635557e+00
3.22636572e+00 -2.52599677e+00]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  7.21877361e+02
5.48046273e+02 -4.59571821e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.52963433e+02
1.25289435e+02 -8.00309916e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  4.68630108e+02
3.35369389e+02 -2.87946513e+02]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02  0.00000000e+00  0.00000000e+00 ... -6.53277703e+00
-8.68453820e+00  5.46729306e+00]
[ 0.00000000e+00  1.04034648e+01  0.00000000e+00 ... -2.35536087e+03
-3.14091920e+03  1.96168492e+03]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... -2.35345452e+01
-3.15546415e+01  1.98141230e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -4.57121549e+03
-6.10511987e+03  3.81381013e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -6.80401875e+02
-9.22211151e+02  5.92787031e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.92107510e+03
-3.92532895e+03  2.44873419e+03]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02  0.00000000e+00  0.00000000e+00 ...  1.42573814e+00
6.40375680e-01 -1.89077475e+00]
[ 0.00000000e+00  1.04034648e+01  0.00000000e+00 ...  5.22237121e+02
2.30734035e+02 -6.98806474e+02]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ...  5.36314591e+00
2.30449874e+00 -6.90331948e+00]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.02671320e+03
4.53918054e+02 -1.36177074e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.71787456e+02

```

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7.62906986e+01 -1.95107036e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.59498328e+02
 2.69993678e+02 -8.61695146e+02]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02 0.00000000e+00 0.00000000e+00 ... 5.70362972e+00
 3.85181019e+00 -1.04134389e+01]
[ 0.00000000e+00 1.04034648e+01 0.00000000e+00 ... 2.26543302e+03
 1.53935988e+03 -4.17170260e+03]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... 2.40646052e+01
 1.63437774e+01 -4.41614531e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.14547736e+03
 2.79518985e+03 -7.57515388e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.48042359e+02
 3.58747128e+02 -9.44703909e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.29539302e+03
 2.24877295e+03 -6.11307768e+03]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02 0.00000000e+00 0.00000000e+00 ... -1.07547628e+00
 -5.37465132e-01 1.05112180e+00]
[ 0.00000000e+00 1.04034648e+01 0.00000000e+00 ... -4.18689451e+02
 -1.98531891e+02 3.67581019e+02]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -4.55726663e+00
 -2.18805791e+00 4.24274443e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.43242293e+02
 -3.70114923e+02 6.92458840e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.05236228e+02
 -6.42318874e+01 1.60095452e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.21488314e+02
 -2.87294574e+02 5.10999839e+02]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02 0.00000000e+00 0.00000000e+00 ... -1.87445489e-01
 -4.70892228e-01 1.65112184e+00]
[ 0.00000000e+00 1.04034648e+01 0.00000000e+00 ... -8.12036771e+01
 -1.73231633e+02 5.95604054e+02]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -7.62164450e-01
 -1.90355092e+00 6.80691390e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.44474722e+02
 -3.25227182e+02 1.09701752e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.83242710e-01
 -5.63863789e+01 2.30804481e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.09249294e+02
 -2.48893609e+02 8.57095305e+02]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02 0.00000000e+00 0.00000000e+00 ... 6.16982640e-01
 2.18719945e+00 -8.13606123e+00]
[ 0.00000000e+00 1.04034648e+01 0.00000000e+00 ... 1.93653512e+02
 7.34985746e+02 -2.74848292e+03]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... 1.97729955e+00
 7.14852745e+00 -2.65231434e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.51554851e+02
```

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1.97468048e+03 -7.37131993e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.68610184e+01
1.33428108e+02 -4.68098851e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.34298850e+02
8.86300983e+02 -3.32272940e+03]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02 0.00000000e+00 0.00000000e+00 ... -4.08293336e-01
-2.18677850e-01 3.04352247e-01]
[ 0.00000000e+00 1.04034648e+01 0.00000000e+00 ... -1.53314920e+02
-7.91984292e+01 1.07876829e+02]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -1.34991559e+00
-6.59001037e-01 8.67600300e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.69132740e+02
-1.85773320e+02 2.08087106e+02]
[ 0.00000000e+00 -5.68434189e-14 0.00000000e+00 ... -3.58499195e+02
-1.81189947e+02 1.73547316e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.81007507e+02
-8.82426155e+01 9.62109167e+01]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02 0.00000000e+00 0.00000000e+00 ... 1.36539510e-01
-7.65049919e-03 3.82381615e-02]
[ 0.00000000e+00 1.04034648e+01 0.00000000e+00 ... 4.23313142e+01
-3.41976276e+00 1.23168441e+01]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... 3.27895811e-01
-9.14283019e-03 4.81026294e-02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.06418524e+02
-1.58045338e+00 -2.41876012e+01]
[ 0.00000000e+00 -5.68434189e-14 0.00000000e+00 ... 1.14739166e+02
2.10707454e+00 -5.75976948e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.31339853e+01
-9.17352340e+00 -3.49842933e+00]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02 0.00000000e+00 0.00000000e+00 ... 9.44372697e+00
-5.06916473e-01 -3.18857493e+00]
[ 0.00000000e+00 1.04034648e+01 0.00000000e+00 ... 3.15721751e+03
-1.70511776e+02 -1.06761795e+03]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... 1.88946357e+01
-1.00511949e+00 -6.38900844e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.95681903e+03
-2.61770757e+02 -1.70582729e+03]
[ 0.00000000e+00 -5.68434189e-14 0.00000000e+00 ... 4.10245177e+03
-2.11806014e+02 -1.44014245e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.44225928e+02
-1.95826250e-01 5.45254542e+01]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02 0.00000000e+00 0.00000000e+00 ... 4.01723305e+00
-5.14284427e-01 -1.13705723e+00]
[ 0.00000000e+00 1.04034648e+01 0.00000000e+00 ... 1.34026095e+03
-1.72978793e+02 -3.80706917e+02]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... 7.96843501e+00
-1.01995480e+00 -2.25829448e+00]

```

```

...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.91931429e+03
-2.65895003e+02 -5.57480895e+02]
[ 0.00000000e+00 -5.68434189e-14 0.00000000e+00 ... 1.35254064e+03
-2.15539773e+02 -4.00522500e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.18771685e+03
-1.59968104e+02 -3.51776365e+02]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02 0.00000000e+00 0.00000000e+00 ... -3.42131593e+00
1.21768642e+00 -2.61744170e+00]
[ 0.00000000e+00 1.04034648e+01 0.00000000e+00 ... -1.10212576e+03
3.95699670e+02 -8.66779050e+02]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -6.54344358e+00
2.35895025e+00 -5.14637922e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.44119159e+03
5.16555746e+02 -1.22627272e+03]
[ 0.00000000e+00 -5.68434189e-14 0.00000000e+00 ... -9.63032766e+02
3.23611836e+02 -8.61356856e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -9.43850081e+02
3.36339953e+02 -7.75990630e+02]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02 0.00000000e+00 0.00000000e+00 ... 2.29565223e-01
9.41096472e-02 -8.45780498e-02]
[ 0.00000000e+00 1.04034648e+01 0.00000000e+00 ... 9.72852503e+01
2.65749848e+01 -3.46663572e+01]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... 5.51182695e-01
1.75543837e-01 -2.24356222e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.41741405e+02
2.94002698e+01 -1.28084837e+02]
[ 0.00000000e+00 -5.68434189e-14 0.00000000e+00 ... 4.34783783e+01
1.38530412e+01 -1.63071871e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 7.27829720e+01
2.34660903e+01 -7.06833907e+01]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02 0.00000000e+00 0.00000000e+00 ... -5.93627292e+00
3.97358293e-01 7.64572403e+00]
[ 0.00000000e+00 1.04034648e+01 0.00000000e+00 ... -1.23251839e+03
9.19774725e+01 1.63254962e+03]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -2.77228337e+00
3.38998757e-01 3.94237603e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.20755572e+03
1.44943551e+02 2.81730167e+03]
[ 0.00000000e+00 -5.68434189e-14 0.00000000e+00 ... -3.66361166e+03
1.96175380e+02 4.48462162e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.20629153e+03
1.35555678e+02 2.78666284e+03]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02 0.00000000e+00 0.00000000e+00 ... -1.44741133e+01
-3.62004479e+00 1.39394968e+00]
[ 0.00000000e+00 1.04034648e+01 0.00000000e+00 ... -3.06906314e+03
-7.72191943e+02 2.87752477e+02]

```

```

[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -7.31099483e+00
-1.79665062e+00 6.18936065e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.36713312e+03
-1.34176684e+03 5.03723054e+02]
[ 0.00000000e+00 -5.68434189e-14 0.00000000e+00 ... -8.71335060e+03
-2.17993332e+03 7.86985333e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.32475157e+03
-1.33180732e+03 5.03192113e+02]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02 0.00000000e+00 0.00000000e+00 ... 5.58594837e-01
-3.74905295e-01 7.27394977e-01]
[ 0.00000000e+00 1.04034648e+01 0.00000000e+00 ... 9.71746225e+01
-8.86901337e+01 1.47360562e+02]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... 1.50686758e-01
-1.85883118e-01 2.88082905e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.83095327e+02
-1.43628393e+02 2.57624289e+02]
[ 0.00000000e+00 -5.68434189e-14 0.00000000e+00 ... 2.78810124e+02
-2.38778363e+02 3.88270277e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.99193302e+02
-1.39342755e+02 2.58258770e+02]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02 0.00000000e+00 0.00000000e+00 ... -1.95124318e+00
1.12941461e+00 -2.29265458e+00]
[ 0.00000000e+00 1.04034648e+01 0.00000000e+00 ... -2.48716128e+03
1.46028153e+03 -2.96233117e+03]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -1.27680800e+01
7.55722937e+00 -1.52568709e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.35498648e+03
1.37761998e+03 -2.79641059e+03]
[ 0.00000000e+00 -5.68434189e-14 0.00000000e+00 ... -4.47117127e+03
2.60821476e+03 -5.32730943e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -8.70437744e+02
5.01761280e+02 -1.02881185e+03]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02 0.00000000e+00 0.00000000e+00 ... 1.74456428e+00
-9.68092462e-01 2.16239963e+00]
[ 0.00000000e+00 1.04034648e+01 0.00000000e+00 ... 2.78151122e+03
-1.52988449e+03 3.38870900e+03]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... 1.30821949e+01
-7.11375530e+00 1.59039451e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.37849766e+03
-1.30880689e+03 2.90949500e+03]
[ 0.00000000e+00 -5.68434189e-14 0.00000000e+00 ... 3.71218713e+03
-2.03614302e+03 4.53719399e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 8.03732598e+02
-4.48392151e+02 9.89291016e+02]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02 0.00000000e+00 0.00000000e+00 ... 6.31939864e-02
7.90540686e-02 -3.50112173e-03]

```



```

[ 0.00000000e+00 1.04034648e+01 0.00000000e+00 ... 3.13151553e+01
 1.82919809e+02 -1.54027382e+02]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... 2.41301242e-01
 8.83470103e-01 -6.37385059e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.23562036e+01
 1.64810679e+02 -1.38511478e+02]
[ 0.00000000e+00 -5.68434189e-14 0.00000000e+00 ... 5.77978744e+01
 2.39786938e+02 -1.70302303e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 7.18444848e+00
 4.76928770e+01 -3.68031386e+01]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02 0.00000000e+00 0.00000000e+00 ... 1.70371268e-01
 1.57244637e-01 6.69750214e-02]
[ 0.00000000e+00 1.04034648e+01 0.00000000e+00 ... 5.56757857e+02
 5.66253509e+02 1.91485909e+02]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... 2.89047502e+00
 2.81615959e+00 1.10462172e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.88963536e+02
 5.12516816e+02 1.74889331e+02]
[ 0.00000000e+00 -5.68434189e-14 0.00000000e+00 ... 7.45226639e+02
 7.41296638e+02 2.81727526e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.63577084e+01
 7.62715034e+01 -1.10441321e+01]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02 0.00000000e+00 0.00000000e+00 ... 5.22396810e-02
 -3.71151360e-02 9.51183636e-02]
[ 0.00000000e+00 1.04034648e+01 0.00000000e+00 ... 1.47158442e+02
 -1.07653037e+02 2.89067739e+02]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... 8.33833758e-01
 -5.67595268e-01 1.59459024e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.24458639e+02
 -8.71965303e+01 2.61727968e+02]
[ 0.00000000e+00 -5.68434189e-14 0.00000000e+00 ... 2.09873763e+02
 -1.39509816e+02 4.09268513e+02]
[ 0.00000000e+00 0.00000000e+00 2.22044605e-16 ... 1.32998874e+02
 -1.02218788e+02 2.65948622e+02]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02 0.00000000e+00 0.00000000e+00 ... 9.68246774e-01
 -5.48366721e-01 1.71795740e+00]
[ 0.00000000e+00 1.04034648e+01 0.00000000e+00 ... 3.49568619e+02
 -2.20624349e+02 6.47666640e+02]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... 4.82413531e+00
 -2.79470465e+00 8.66398651e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.85334378e+02
 8.57084311e+01 -2.87115164e+02]
[ 0.00000000e+00 -5.68434189e-14 0.00000000e+00 ... 2.32978347e+03
 -1.32269629e+03 4.16499514e+03]
[ 0.00000000e+00 0.00000000e+00 2.22044605e-16 ... 8.09154308e+02
 -4.79601824e+02 1.46385576e+03]]
[06-24 17:40:27][INFO]

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[[ 3.49157571e-02  0.00000000e+00  0.00000000e+00 ... -5.01484970e-01
-1.16299838e+00  6.18066911e-01]
[ 0.00000000e+00  1.04034648e+01  0.00000000e+00 ... -2.23287895e+02
-4.60188984e+02  2.18962943e+02]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... -2.76640371e+00
-5.96901560e+00  2.98352019e+00]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  4.75811603e+01
1.83112099e+02 -1.12810168e+02]
[ 0.00000000e+00 -5.68434189e-14  0.00000000e+00 ... -1.30583078e+03
-2.84308503e+03  1.44424181e+03]
[ 0.00000000e+00  0.00000000e+00  2.22044605e-16 ... -4.82779696e+02
-1.01987969e+03  4.97022234e+02]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02  0.00000000e+00  0.00000000e+00 ... -9.64865109e-01
9.60028940e-01 -1.33175411e+00]
[ 0.00000000e+00  1.04034648e+01  0.00000000e+00 ... -4.12648600e+02
4.07388009e+02 -5.77833144e+02]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... -5.15550404e+00
4.97691160e+00 -7.06938811e+00]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.09454511e+02
-1.00367494e+02  1.47541861e+02]
[ 0.00000000e+00 -5.68434189e-14  0.00000000e+00 ... -2.40159929e+03
2.17729949e+03 -3.16655674e+03]
[ 0.00000000e+00  0.00000000e+00  2.22044605e-16 ... -8.96966193e+02
8.77761516e+02 -1.24580071e+03]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02  0.00000000e+00  0.00000000e+00 ... -3.44322216e-01
1.29541863e+00 -1.42440658e+00]
[ 0.00000000e+00  1.04034648e+01  0.00000000e+00 ... -1.66314853e+02
5.40525942e+02 -6.14612924e+02]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... -1.98756999e+00
6.68910977e+00 -7.54238834e+00]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.84034638e+01
-1.49578567e+02  1.61136578e+02]
[ 0.00000000e+00 -5.68434189e-14  0.00000000e+00 ... -9.06948020e+02
2.98512539e+03 -3.38972123e+03]
[ 0.00000000e+00  0.00000000e+00  2.22044605e-16 ... -3.56512076e+02
1.16986499e+03 -1.32649523e+03]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02  0.00000000e+00  0.00000000e+00 ... -2.04149233e-01
1.56129075e-01 -1.97083564e-01]
[ 0.00000000e+00  1.04034648e+01  0.00000000e+00 ... -1.08347363e+02
6.93812550e+01 -1.07062653e+02]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... -1.26621547e+00
8.26127808e-01 -1.22637085e+00]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.06563997e+02
-7.48912939e+01  9.45242953e+01]
[ 0.00000000e+00 -5.68434189e-14  0.00000000e+00 ... -5.83672233e+02
3.57623869e+02 -5.59191362e+02]
[ 0.00000000e+00  0.00000000e+00  2.22044605e-16 ... -2.29710070e+02
```

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1.39251269e+02 -2.16245474e+02]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02  0.00000000e+00  0.00000000e+00 ...  4.44065745e+00
-3.13991499e+00  3.54454223e+00]
[ 0.00000000e+00  1.04034648e+01  0.00000000e+00 ...  2.07231760e+03
-1.47806050e+03  1.64957284e+03]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ...  1.99783804e+01
-1.42494456e+01  1.58872215e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.30865774e+03
1.63899646e+03 -1.85105850e+03]
[ 0.00000000e+00 -5.68434189e-14  0.00000000e+00 ...  9.08205688e+03
-6.50136322e+03  7.22704041e+03]
[ 0.00000000e+00  0.00000000e+00  2.22044605e-16 ...  3.83915313e+03
-2.74809224e+03  3.06142883e+03]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02  0.00000000e+00  0.00000000e+00 ...  5.02895333e-02
-2.30400497e-02  2.43895063e-02]
[ 0.00000000e+00  1.04034648e+01  0.00000000e+00 ... -4.02366127e+00
-3.99359647e+00 -1.52166470e+01]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... -1.29195303e-01
2.56219991e-02 -2.34829986e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -7.53149784e+00
1.14140234e+00 -4.80027847e+01]
[ 0.00000000e+00 -5.68434189e-14  0.00000000e+00 ... -4.89369383e+01
-1.89530112e+01 -9.40983592e+01]
[ 0.00000000e+00  0.00000000e+00  2.22044605e-16 ... -2.46986521e+01
-5.00941829e+00 -3.65685682e+01]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02  0.00000000e+00  0.00000000e+00 ...  6.97177392e-02
-9.06468930e-03  6.58887060e-02]
[ 0.00000000e+00  1.04034648e+01  0.00000000e+00 ... -4.33199193e+01
-3.22607135e+01 -9.91545703e+01]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ...  1.38802906e+00
1.11701239e+00  3.00600434e+00]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  8.62291100e+01
6.85865537e+01  1.52272537e+02]
[ 0.00000000e+00 -5.68434189e-14  0.00000000e+00 ...  5.52241057e+02
4.13494494e+02  1.19003492e+03]
[ 0.00000000e+00  0.00000000e+00  2.22044605e-16 ...  3.38579244e+01
3.71122921e+01  8.85099424e+01]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02  0.00000000e+00  0.00000000e+00 ...  5.05432226e-02
-1.64283931e-02  4.33719717e-02]
[ 0.00000000e+00  1.04034648e+01  0.00000000e+00 ...  5.19106044e+01
4.31123176e+00  1.26751275e+01]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... -1.71516798e+00
-7.47268484e-02 -6.38096029e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -8.92470777e+01
1.19738815e+00 -5.37900605e+01]
[ 0.00000000e+00 -5.68434189e-14  0.00000000e+00 ... -6.37064767e+02

```

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-4.32417057e+01 -2.06573082e+02]
[ 0.00000000e+00 0.00000000e+00 2.22044605e-16 ... -6.62737009e+01
-1.34185240e+00 -2.90751444e+01]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02 0.00000000e+00 0.00000000e+00 ... 4.58263211e-02
-1.94396177e-02 4.79304854e-02]
[ 0.00000000e+00 1.04034648e+01 0.00000000e+00 ... 6.91190955e+01
1.52969670e+01 -3.95552320e+00]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -2.54380175e+00
-6.03718679e-01 1.62713222e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.44224034e+02
-3.38993720e+01 -6.59163978e-01]
[ 0.00000000e+00 -5.68434189e-14 0.00000000e+00 ... -9.02738053e+02
-2.12844976e+02 5.01792162e+01]
[ 0.00000000e+00 0.00000000e+00 2.22044605e-16 ... -9.62530601e+01
-2.04803870e+01 -1.02455855e-01]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02 0.00000000e+00 0.00000000e+00 ... 8.20637104e+00
1.71693233e+00 5.66169166e-02]
[ 0.00000000e+00 1.04034648e+01 0.00000000e+00 ... 1.72116036e+03
3.66812486e+02 -2.19702013e+00]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -3.14262147e+01
-6.74921674e+00 1.31969552e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.15222149e+03
-2.48377518e+02 -1.73211939e+00]
[ 0.00000000e+00 -5.68434189e-14 0.00000000e+00 ... -2.01980607e+04
-4.31843575e+03 2.96404532e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.92796556e+03
-6.34311867e+02 3.61214957e+01]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02 0.00000000e+00 0.00000000e+00 ... -1.04915270e+00
1.38346231e-01 -5.67492256e-01]
[ 0.00000000e+00 1.04034648e+01 0.00000000e+00 ... -2.27287019e+02
3.44928854e+01 -1.33582765e+02]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... 4.83971539e+00
-5.63840864e-01 2.57741729e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.85040341e+02
-2.02993460e+01 8.84407760e+01]
[ 0.00000000e+00 -5.68434189e-14 0.00000000e+00 ... 2.84316384e+03
-3.88614172e+02 1.58333315e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.84651054e+02
-5.22692593e+01 2.66237629e+02]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02 0.00000000e+00 0.00000000e+00 ... -1.58315329e-01
4.06193473e-02 -1.41712950e-01]
[ 0.00000000e+00 1.04034648e+01 0.00000000e+00 ... -9.87791577e+00
1.06426127e+01 -2.96712092e+01]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... 6.77063343e-01
-1.07188473e-01 5.87860993e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.64226930e+02
```

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-3.17390267e+01  1.57617084e+02]
[ 0.00000000e+00 -5.68434189e-14  0.00000000e+00 ... 3.27851051e+02
-1.12678642e+02  3.81129276e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 8.27517719e+01
-8.17999463e+00  7.41482497e+01]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02  0.00000000e+00  0.00000000e+00 ... 1.79389204e-01
-4.66999621e-02  3.02120513e-01]
[ 0.00000000e+00  1.04034648e+01  0.00000000e+00 ... 1.66308383e+01
3.78831883e+00  5.16833532e+00]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... 2.08595331e-01
1.39419804e-02 -2.78304180e-02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 3.72396285e+01
1.09572187e+00 -9.27796241e+00]
[ 0.00000000e+00 -5.68434189e-14  0.00000000e+00 ... -1.97675522e+02
2.32052833e+01 -3.09552241e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -4.78902807e+01
2.55997528e+01 -9.75501109e+01]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02  0.00000000e+00  0.00000000e+00 ... 2.37450579e+00
1.78881489e-02 -2.44775631e-01]
[ 0.00000000e+00  1.04034648e+01  0.00000000e+00 ... 4.60526963e+01
4.65401419e+00 -2.16189069e+00]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... 8.35124176e-01
3.23766798e-02 -1.83925184e-01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 3.50858947e+02
2.66555531e+00 -4.22044866e+01]
[ 0.00000000e+00 -5.68434189e-14  0.00000000e+00 ... -2.57196207e+03
-4.66546429e+01  2.81982697e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.09993329e+03
-5.35508175e+00  1.64558184e+02]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02  0.00000000e+00  0.00000000e+00 ... 3.76464863e-01
1.68441768e-01  1.50047279e-01]
[ 0.00000000e+00  1.04034648e+01  0.00000000e+00 ... 1.44513528e+01
7.03519494e+00  4.08269330e+00]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... 1.39756438e-01
8.47730685e-02 -4.65170304e-02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 2.49924539e+01
2.72197969e+01  2.21883670e+01]
[ 0.00000000e+00 -5.68434189e-14  0.00000000e+00 ... -4.03516060e+02
-2.10048389e+02 -1.46513111e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.29627934e+02
-7.84681899e+01 -2.71790220e+01]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02  0.00000000e+00  0.00000000e+00 ... 1.56406674e-01
-7.12281434e-02 -4.53209657e-02]
[ 0.00000000e+00  1.04034648e+01  0.00000000e+00 ... 8.36011382e+00
4.01100947e-01 -1.32512488e+00]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... 8.53761331e-02
2.55463574e-02 -9.47960095e-02]

```

```

...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.96875205e+02
-3.15503931e+01 -8.62281607e+01]
[ 0.00000000e+00 -5.68434189e-14 0.00000000e+00 ... -1.65133593e+02
4.95788717e+01 6.51234780e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.56667573e+01
1.29756594e+01 4.73619344e+01]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02 0.00000000e+00 0.00000000e+00 ... -3.21848723e-02
-3.72536983e-02 1.23892955e-01]
[ 0.00000000e+00 1.04034648e+01 0.00000000e+00 ... 4.69208681e+00
1.06188975e+00 1.96601538e+00]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... 8.55774168e-02
2.55100965e-02 -9.49766115e-02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.04707202e+01
-1.57290941e+00 6.30784005e+01]
[ 0.00000000e+00 -5.68434189e-14 0.00000000e+00 ... 1.09012244e+01
1.78665000e+01 -9.28239070e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.10835116e+01
9.50712430e-01 -1.25297995e+01]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02 0.00000000e+00 0.00000000e+00 ... 3.60199150e-01
1.22966592e-01 -5.21113577e-02]
[ 0.00000000e+00 1.04034648e+01 0.00000000e+00 ... 3.10586180e+00
4.14194077e-01 2.67751847e+00]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -2.79309659e-01
-1.23482498e-01 6.86939141e-02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.66706285e+02
9.48880286e+01 -4.28853390e+01]
[ 0.00000000e+00 -5.68434189e-14 0.00000000e+00 ... -2.52963573e+02
-8.98761505e+01 2.55329573e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.12079801e+02
-5.34232259e+01 4.72007603e+01]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02 0.00000000e+00 0.00000000e+00 ... 5.72845232e-02
3.53110296e-02 -2.90096017e-02]
[ 0.00000000e+00 1.04034648e+01 0.00000000e+00 ... 6.31067417e-01
-3.01946627e-01 2.86625844e+00]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -8.28693183e-02
-6.66378058e-02 5.37124096e-02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.94995698e+01
2.62466153e+01 -2.47947908e+01]
[ 0.00000000e+00 -5.68434189e-14 0.00000000e+00 ... -2.62081331e+00
-1.74335097e+01 6.44058983e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 8.75305260e+00
-1.84573615e+01 3.79854539e+01]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02 0.00000000e+00 0.00000000e+00 ... -2.70752375e-01
-2.68670198e-01 1.38502441e-01]
[ 0.00000000e+00 1.04034648e+01 0.00000000e+00 ... 5.59523481e+01
5.09625022e+01 -2.53835537e+01]

```

```

[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... 3.42183480e-01
 3.27244931e-01 -1.63340803e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.03988516e+02
 1.87939902e+02 -1.13897572e+02]
[ 0.00000000e+00 -5.68434189e-14 0.00000000e+00 ... -1.12418978e+02
-1.19179932e+02 6.25090229e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.99878453e+02
-2.11789458e+02 1.44523133e+02]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02 0.00000000e+00 0.00000000e+00 ... -2.69600848e-02
-1.10733676e-02 4.71217498e-01]
[ 0.00000000e+00 1.04034648e+01 0.00000000e+00 ... 1.13341027e+01
3.81778508e+00 -8.62762178e+01]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... 5.40201462e-02
2.27645834e-02 -5.56611156e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.73043353e+01
1.25112286e+00 -3.55026966e+02]
[ 0.00000000e+00 -5.68434189e-14 0.00000000e+00 ... -1.50712742e+01
-1.63199941e+01 1.95364113e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.54452015e+01
4.74254491e+01 4.79328117e+02]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02 0.00000000e+00 0.00000000e+00 ... 1.46084481e-02
3.39392969e-02 -6.76221152e-02]
[ 0.00000000e+00 1.04034648e+01 0.00000000e+00 ... 3.51810933e+00
-4.64579698e+00 1.50400079e+01]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... 7.41449580e-03
-2.77025456e-02 4.75230040e-02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.93033107e+00
-3.36543242e+01 6.28207175e+01]
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... 1.62622726e+02
1.89449721e+02 -5.44089871e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.09317975e+02
1.16590356e+02 -3.48634243e+02]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02 0.00000000e+00 0.00000000e+00 ... 7.90131095e-03
-1.18434637e-02 1.78381024e-02]
[ 0.00000000e+00 1.04034648e+01 0.00000000e+00 ... 5.05203067e+00
5.82471410e+00 -4.50473209e+00]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... 6.41586997e-03
-3.45191420e-02 6.02471782e-02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.11807118e+02
1.54786714e+01 -1.83073498e+02]
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... 1.35515350e+02
4.41541124e+00 -1.98696274e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.40093672e+01
1.20941588e+01 -1.53576810e+02]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02 0.00000000e+00 0.00000000e+00 ... 1.50559784e-01
1.07661750e-02 -2.72196238e-01]

```

```

[ 0.00000000e+00 1.04034648e+01 0.00000000e+00 ... -1.93687511e+01
 1.95431621e+00 4.51443716e+01]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... 1.28567107e-01
-1.51596516e-02 -1.88094562e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.15240848e+02
-2.05056789e+01 2.78530398e+02]
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... -1.41084242e+02
-3.94222712e+01 3.63649433e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.58273875e+02
-2.78896769e+01 3.59332111e+02]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02 0.00000000e+00 0.00000000e+00 ... -4.12236209e-03
-2.41114676e-02 5.11661210e-02]
[ 0.00000000e+00 1.04034648e+01 0.00000000e+00 ... 1.15091481e+01
8.91664742e+00 -1.94057434e+01]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -5.57820711e-02
-5.67265998e-02 1.97286599e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.45352112e+01
8.75615331e+00 7.23410625e+00]
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... 1.01535236e+01
-5.32126568e+00 4.74875383e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.12719983e+01
1.25942247e+01 -1.60077607e+01]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02 0.00000000e+00 0.00000000e+00 ... 2.99410736e-01
1.58739838e-01 2.02233116e-01]
[ 0.00000000e+00 1.04034648e+01 0.00000000e+00 ... -1.26112274e+02
-7.39878429e+01 -8.78992782e+01]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... 9.58761380e-01
5.54444293e-01 7.02220103e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.87905276e+02
-2.38649185e+02 -2.89201477e+02]
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... 1.67842947e+02
8.96723846e+01 1.25968823e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.61979004e+02
-9.77979708e+01 -1.07210923e+02]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02 0.00000000e+00 0.00000000e+00 ... -8.20764666e-02
-4.50749051e-02 -8.40791455e-02]
[ 0.00000000e+00 1.04034648e+01 0.00000000e+00 ... 3.69913285e+01
1.31524824e+01 3.45125909e+01]
[ 0.00000000e+00 0.00000000e+00 -9.25672358e-02 ... -7.44661023e-03
3.82344910e-02 -2.29344846e-02]
...
[ 0.00000000e+00 -2.84217094e-14 0.00000000e+00 ... 1.67842947e+02
8.96723846e+01 1.25968823e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.27879558e+02
3.69158997e+01 9.79033105e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 6.64347674e+01
2.42352034e+01 6.42172749e+01]]
[06-24 17:40:27][INFO]

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[[ 3.49157571e-02  0.00000000e+00  0.00000000e+00 ... 0.00000000e+00
-1.51336569e-02 -4.74226773e-03]
[ 0.00000000e+00  1.04034648e+01  0.00000000e+00 ... 0.00000000e+00
-3.41843002e-01 -1.24402280e+00]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... 0.00000000e+00
4.09509921e-02 -1.57364310e-02]
...
[ 0.00000000e+00 -2.84217094e-14  0.00000000e+00 ... 0.00000000e+00
2.84437822e+01 -3.62717796e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 6.64347674e+01
2.42352034e+01  6.42172749e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 0.00000000e+00
-9.73417862e+00 -2.57078206e+01]]
[06-24 17:40:27][INFO]
[[ 3.49157571e-02  0.00000000e+00  0.00000000e+00 ... 0.00000000e+00
0.00000000e+00  3.52254944e-02]
[ 0.00000000e+00  1.04034648e+01  0.00000000e+00 ... 0.00000000e+00
-5.55111512e-17 -3.41220535e-01]
[ 0.00000000e+00  0.00000000e+00 -9.25672358e-02 ... 0.00000000e+00
0.00000000e+00 -1.23887390e-01]
...
[ 0.00000000e+00 -2.84217094e-14  0.00000000e+00 ... 0.00000000e+00
0.00000000e+00 -1.11391384e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 6.64347674e+01
0.00000000e+00  2.12464226e-01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 0.00000000e+00
-9.73417862e+00 -2.57078206e+01]]
n = 92: 0.353029 segundos
[06-24 17:40:27][INFO]
[[ -5.79512533e-02  2.22803752e+00 -1.13573439e+00 ... 3.02927851e+00
3.74291349e+00  4.97817558e+00]
[ 0.00000000e+00  1.32691744e+02 -6.76360059e+01 ... 1.88746905e+02
2.25675052e+02  2.99978621e+02]
[ 0.00000000e+00 -9.48846698e+01  5.19733727e+01 ... -1.36036593e+02
-1.64759473e+02 -2.19852254e+02]
...
[ 0.00000000e+00  1.29069665e+02 -6.29279273e+01 ... 1.76791545e+02
2.14479792e+02  2.83990333e+02]
[ 0.00000000e+00  1.27832171e+02 -6.98792443e+01 ... 1.74145929e+02
2.10999491e+02  2.88571577e+02]
[ 0.00000000e+00  9.68393024e+01 -5.04637916e+01 ... 1.26379227e+02
1.64584591e+02  2.15963098e+02]]
[06-24 17:40:27][INFO]
[[ -5.79512533e-02  0.00000000e+00 -1.69577752e+01 ... -3.20726535e+01
-4.24307814e+01 -8.89295162e+01]
[ 0.00000000e+00  2.72679342e-01  1.93638735e+00 ... 4.29596522e+00
5.65098775e+00  1.14929337e+01]
[ 0.00000000e+00  0.00000000e+00  7.25781197e+02 ... 1.35883735e+03
1.80162384e+03  3.77936241e+03]
...
[ 0.00000000e+00  0.00000000e+00 -9.79494855e+02 ... -1.85665473e+03
-2.46035099e+03 -5.15605914e+03]
[ 0.00000000e+00  0.00000000e+00 -9.77658312e+02 ... -1.83980407e+03
-2.43818555e+03 -5.09931979e+03]

```

```
[ 0.00000000e+00 0.00000000e+00 -7.38152117e+02 ... -1.39928925e+03
-1.84230639e+03 -3.86563574e+03]]
[06-24 17:40:27][INFO]
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-6.69709493e+00 -8.89837549e+00]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... 8.44079975e-01
1.57060234e+00 2.35427688e+00]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... 6.90747879e+01
8.16515430e+01 1.82871312e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.10566151e+02
-3.96344259e+02 -5.33395505e+02]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... -9.69893893e+01
-3.78048810e+02 -4.85323603e+02]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... -8.34283439e+01
-2.86860815e+02 -3.81973803e+02]]
[06-24 17:40:27][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... 1.04969942e-01
5.57540650e+00 7.11271024e+00]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... 7.93976634e-02
-3.24697905e+00 -3.93088911e+00]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... 1.40079342e+01
-2.65275600e+02 -2.69740591e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.52591586e+00
3.28748225e+02 4.12582624e+02]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... 5.87166682e+00
2.69986985e+02 3.60123980e+02]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... -2.20107487e+00
2.24879778e+02 2.85658835e+02]]
[06-24 17:40:27][INFO]
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-1.87209978e+01 -2.15795902e+01]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... 3.00804664e-01
1.04755968e+01 1.22744829e+01]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... 2.59093095e+01
4.72359279e+02 6.01352978e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.77093723e+01
-1.04937184e+03 -1.21487774e+03]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... -1.38667309e+01
-9.53378401e+02 -1.08458227e+03]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... -1.76075334e+01
-7.29996518e+02 -8.41981174e+02]]
[06-24 17:40:27][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... -4.72899764e-01
1.13316179e+00 -2.41910419e-01]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... 4.08207075e-01
-9.97522031e-01 -5.59174594e-02]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... 3.12235172e+01
-9.53238412e+01 -8.74792127e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.81047860e+01
6.11043064e+01 -2.14258424e+01]
```

```

[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... -2.31673286e+01
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[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... -2.48536525e+01
 4.40604597e+01 -1.00859813e+01]]
[06-24 17:40:27][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... 2.53027604e+00
 2.57350971e-01 2.32750577e+00]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... -1.38051170e+00
 -4.75881156e-01 -1.58628507e+00]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... -8.65636591e+01
 -6.09737765e+01 -1.09522667e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.36928053e+02
 1.29760731e+01 1.19770703e+02]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... 1.14555355e+02
 -1.83220918e-02 1.01009498e+02]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... 9.59312420e+01
 8.83617573e+00 9.32535112e+01]]
[06-24 17:40:27][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... 1.04467361e+01
 2.72831534e-01 1.04115365e+01]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... -4.21268172e+00
 -4.81419438e-01 -4.47840471e+00]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... -4.07125062e+02
 -6.16006313e+01 -4.36869515e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.91469128e+02
 1.38649238e+01 5.83933222e+02]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... 5.49410153e+02
 8.32032369e-01 5.45069034e+02]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... 3.88455061e+02
 9.40820330e+00 3.91969294e+02]]
[06-24 17:40:27][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... -3.79838059e+01
 -2.77381326e+00 -3.36061616e+01]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... 2.62848720e+01
 1.43710572e+00 2.32403046e+01]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... 1.15197682e+03
 3.64785857e+01 9.80171743e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.02303604e+03
 -1.50607086e+02 -1.79234619e+03]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... -2.12374380e+03
 -1.67329426e+02 -1.88451526e+03]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... -1.45081583e+03
 -1.06295749e+02 -1.27971283e+03]]
[06-24 17:40:27][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... 3.78660929e+01
 5.37872561e+01 2.04116647e+01]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... -2.24061161e+01
 -3.48716356e+01 -1.14358305e+01]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... -7.41124438e+02
 -1.37520203e+03 -3.68033287e+02]
...

```

```

[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.18589868e+03
 2.98798443e+03 1.20511998e+03]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... 2.19630364e+03
 3.05411855e+03 1.19208176e+03]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... 1.45293208e+03
 2.05902141e+03 7.88241819e+02]]
[06-24 17:40:27][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... -1.76171404e+02
 1.84407525e+02 -2.09934414e+02]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... 1.05217290e+02
 -1.12756136e+02 1.25911838e+02]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... 5.16909538e+03
 -4.98202098e+03 5.99251558e+03]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.00642369e+04
 1.04638521e+04 -1.19784144e+04]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... -1.00466604e+04
 1.05256096e+04 -1.19837346e+04]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... -6.81511813e+03
 7.10474916e+03 -8.10979227e+03]]
[06-24 17:40:27][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... 4.05770607e+00
 1.07723248e+00 4.42081536e-01]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... -3.74522134e+00
 -1.91871920e+00 -1.27711221e+00]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... 1.27913679e+02
 1.45903771e+02 1.08082492e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.91516508e+02
 3.16290698e+01 -7.15479777e+00]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... 2.44592998e+02
 5.72758112e+01 2.89631224e+01]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... 1.34457585e+02
 3.55928817e+01 2.25679337e+00]]
[06-24 17:40:27][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... 3.28719238e+01
 -2.61834383e+01 -1.75175666e+01]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... -4.40047338e+01
 3.61701621e+01 2.38162874e+01]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... 1.46561393e+03
 -1.11967305e+03 -7.25694292e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.36959198e+03
 -1.08292930e+03 -7.41438863e+02]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... 2.10498340e+03
 -1.70280981e+03 -1.13060183e+03]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... 6.61852117e+02
 -4.63366655e+02 -3.26463574e+02]]
[06-24 17:40:27][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... -1.37785237e+01
 2.99930529e+00 7.55389563e+00]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... 2.46412214e+01
 -6.77213368e+00 -1.30762735e+01]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... 1.67870394e+01

```

```

-2.13342119e+02  5.29522283e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -5.75340187e+02
 1.33746202e+02  3.03830710e+02]
[ 0.00000000e+00  0.00000000e+00 -1.13686838e-13 ... -9.77173662e+02
 2.25270285e+02  5.25849254e+02]
[ 0.00000000e+00  0.00000000e+00 -1.13686838e-13 ...  7.08505422e+01
-9.36585735e+01 -8.84017530e+00]]
[06-24 17:40:27][INFO]
[[-5.79512533e-02  0.00000000e+00  0.00000000e+00 ... -6.71374955e+01
 5.63790942e+00  4.02457626e+01]
[ 0.00000000e+00  2.72679342e-01  0.00000000e+00 ...  1.56137424e+02
-1.32746282e+01 -9.36411011e+01]
[ 0.00000000e+00  0.00000000e+00  3.87485492e+01 ...  5.91040764e+03
-5.04781986e+02 -3.55793933e+03]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.93087009e+03
 2.50227287e+02  1.74701201e+03]
[ 0.00000000e+00  0.00000000e+00 -1.13686838e-13 ... -5.41379787e+03
 4.44661600e+02  3.24407121e+03]
[ 0.00000000e+00  0.00000000e+00 -1.13686838e-13 ...  2.81790051e+03
-2.29500347e+02 -1.69189720e+03]]
[06-24 17:40:27][INFO]
[[-5.79512533e-02  0.00000000e+00  0.00000000e+00 ... -3.93234480e+01
 1.55232602e+01  3.86406107e+01]
[ 0.00000000e+00  2.72679342e-01  0.00000000e+00 ...  9.15693517e+01
-3.62226742e+01 -8.99148701e+01]
[ 0.00000000e+00  0.00000000e+00  3.87485492e+01 ...  3.48021011e+03
-1.36849500e+03 -3.41769234e+03]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.72346853e+03
 6.79348144e+02  1.67733272e+03]
[ 0.00000000e+00  0.00000000e+00 -1.13686838e-13 ... -3.17500399e+03
 1.24034812e+03  3.11487015e+03]
[ 0.00000000e+00  0.00000000e+00 -1.13686838e-13 ...  1.66390101e+03
-6.39641654e+02 -1.62529975e+03]]
[06-24 17:40:27][INFO]
[[-5.79512533e-02  0.00000000e+00  0.00000000e+00 ... -3.83119882e+01
 2.36359512e+01  5.01361489e+01]
[ 0.00000000e+00  2.72679342e-01  0.00000000e+00 ...  8.92221201e+01
-5.50492896e+01 -1.16591848e+02]
[ 0.00000000e+00  0.00000000e+00  3.87485492e+01 ...  3.38961849e+03
-2.09511001e+03 -4.44729283e+03]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.67927232e+03
 1.03383599e+03  2.17963568e+03]
[ 0.00000000e+00  0.00000000e+00 -1.13686838e-13 ... -3.09286054e+03
 1.89920214e+03  4.04845452e+03]
[ 0.00000000e+00  0.00000000e+00 -1.13686838e-13 ...  1.62023136e+03
-9.89906105e+02 -2.12161822e+03]]
[06-24 17:40:27][INFO]
[[-5.79512533e-02  0.00000000e+00  0.00000000e+00 ...  1.27797936e+00
 8.46063004e+00  4.54868834e+00]
[ 0.00000000e+00  2.72679342e-01  0.00000000e+00 ... -2.60713266e+00

```

```

-1.98500084e+01 -1.08513610e+01]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... -1.14681675e+02
-7.51868687e+02 -4.12125447e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.85193374e+01
3.71552214e+02 1.90100471e+02]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... 9.87248371e+01
6.75828239e+02 3.73375157e+02]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... -6.50811855e+01
-3.43905093e+02 -1.80997301e+02]]
[06-24 17:40:27][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... 7.49771392e+00
-4.97158893e+00 -8.47507804e-01]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... -1.69503476e+01
1.11257836e+01 1.59270724e+00]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... -6.41073602e+02
3.84934106e+02 4.45683322e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.06185742e+02
-1.84907475e+02 -3.34490140e+01]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... 6.04553910e+02
-4.16566750e+02 -6.54784412e+01]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... -3.32003641e+02
2.32544085e+02 5.05826659e+01]]
[06-24 17:40:27][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... -4.70990157e+00
1.81893638e+00 1.37515264e+00]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... 1.12521370e+01
-4.56193902e+00 -3.54216508e+00]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... 3.70385271e+02
-1.77693139e+02 -1.39589633e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.87055078e+02
8.94593144e+01 5.63561455e+01]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... -3.78029048e+02
1.29998175e+02 1.13422039e+02]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... 2.05563701e+02
-6.64794754e+01 -4.72930959e+01]]
[06-24 17:40:27][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... 6.31499787e-01
2.37630605e+00 6.85207512e-01]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... -1.52393041e+00
-5.89510835e+00 -1.89188928e+00]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... -6.15013157e+01
-2.22760055e+02 -8.38031405e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.97805303e+01
1.11042395e+02 2.96393329e+01]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... 4.13147264e+01
1.73756261e+02 5.92556931e+01]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... -3.46585305e+01
-9.15464152e+01 -1.62637561e+01]]
[06-24 17:40:27][INFO]
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```

3.63121337e+02 5.42292733e+01]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... -5.35979359e+02
-1.36956346e+03 -2.04296197e+02]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... -1.55853549e+04
-3.98320274e+04 -5.96286186e+03]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.26982968e+04
3.24604030e+04 4.83113664e+03]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... 5.35116570e+03
1.37218940e+04 2.07015623e+03]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... 4.41970717e+03
1.12738121e+04 1.67065485e+03]]
[06-24 17:40:27][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... -8.63880749e-01
9.91627911e+00 6.13397085e+00]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... 2.43071955e+00
-3.85950698e+01 -2.30606055e+01]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... 1.25687187e+02
-9.93786153e+02 -6.74327846e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -8.44317082e+01
8.61054718e+02 5.28309766e+02]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... -5.53757083e+01
3.56736030e+02 2.50246524e+02]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... -8.57201369e+00
3.26952308e+02 1.80040484e+02]]
[06-24 17:40:27][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... 8.28340653e+00
-7.20148873e+00 -1.02358936e+01]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... -3.42292828e+01
3.00085926e+01 4.25456501e+01]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... -7.65816237e+02
6.74527980e+02 9.21094899e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 7.08129514e+02
-6.22104014e+02 -8.90047322e+02]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... 2.58450300e+02
-2.30541989e+02 -3.11372353e+02]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... 3.36221856e+02
-3.18277391e+02 -4.36998068e+02]]
[06-24 17:40:27][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... -3.47094136e+02
2.13528906e+02 3.22964802e+02]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... 1.45896453e+03
-8.97436788e+02 -1.35746746e+03]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... 4.30064932e+04
-2.65131189e+04 -4.01196638e+04]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.02134031e+04
1.85837300e+04 2.81018696e+04]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... -7.65590213e+03
4.68518263e+03 7.10909580e+03]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... -1.61624405e+04
9.92929262e+03 1.50320879e+04]]

```

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[06-24 17:40:27][INFO]
[[-5.79512533e-02  0.00000000e+00  0.00000000e+00 ...  9.80821238e+01
 -7.58840073e+01 -1.07315472e+02]
[ 0.00000000e+00  2.72679342e-01  0.00000000e+00 ... -4.10764944e+02
 3.18090417e+02  4.49699240e+02]
[ 0.00000000e+00  0.00000000e+00  3.87485492e+01 ... -1.20957479e+04
 9.30932168e+03  1.31388083e+04]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  8.60858706e+03
 -6.65477951e+03 -9.42110296e+03]
[ 0.00000000e+00  0.00000000e+00 -1.13686838e-13 ...  2.07406777e+03
 -1.64035444e+03 -2.29530083e+03]
[ 0.00000000e+00  0.00000000e+00 -1.13686838e-13 ...  4.51962926e+03
 -3.51629870e+03 -4.95794173e+03]]
[06-24 17:40:27][INFO]
[[-5.79512533e-02  0.00000000e+00  0.00000000e+00 ... -5.25616672e+00
 6.82849626e+00  6.61175108e+00]
[ 0.00000000e+00  2.72679342e-01  0.00000000e+00 ...  2.05650093e+01
 -2.71483141e+01 -2.58285006e+01]
[ 0.00000000e+00  0.00000000e+00  3.87485492e+01 ...  2.85687181e+02
 -6.00843141e+02 -5.11335385e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -4.89898057e+02
 6.27695158e+02  6.09691420e+02]
[ 0.00000000e+00  0.00000000e+00 -1.13686838e-13 ... -1.68516696e+02
 1.54621795e+02  1.77078184e+02]
[ 0.00000000e+00  0.00000000e+00 -1.13686838e-13 ... -2.36457160e+02
 2.90497535e+02  2.85494331e+02]]
[06-24 17:40:27][INFO]
[[-5.79512533e-02  0.00000000e+00  0.00000000e+00 ... -2.11136064e+00
 -6.93617543e+00  1.33267080e-01]
[ 0.00000000e+00  2.72679342e-01  0.00000000e+00 ...  8.67655604e+00
 2.48868993e+01 -1.33759338e+00]
[ 0.00000000e+00  0.00000000e+00  3.87485492e+01 ...  2.08933388e+02
 -2.64895319e+02 -3.53218094e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.96656647e+02
 -6.55809017e+02  5.59700671e+00]
[ 0.00000000e+00  0.00000000e+00 -1.13686838e-13 ... -5.19017821e+01
 -3.55796324e+02 -6.31553419e+01]
[ 0.00000000e+00  0.00000000e+00 -1.13686838e-13 ... -1.12152014e+02
 -2.53580377e+02  2.94184779e+01]]
[06-24 17:40:27][INFO]
[[-5.79512533e-02  0.00000000e+00  0.00000000e+00 ...  1.11796999e+02
 3.00764697e+02  1.76666208e+01]
[ 0.00000000e+00  2.72679342e-01  0.00000000e+00 ... -3.80355299e+02
 -1.02600561e+03 -6.12193540e+01]
[ 0.00000000e+00  0.00000000e+00  3.87485492e+01 ... -1.99951461e+04
 -5.48422144e+04 -3.46313271e+03]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.12726424e+04
 3.03262306e+04  1.77100981e+03]
[ 0.00000000e+00  0.00000000e+00 -1.13686838e-13 ...  3.88205257e+02
 8.33065674e+02  4.58817065e+00]

```



```

[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... 3.16496250e+03
 8.59889540e+03 5.33848601e+02]]
[06-24 17:40:27][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... -1.58169025e+02
-2.59071767e+00 5.44170671e+01]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... 5.41304951e+02
9.64555934e+00 -1.86684867e+02]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... 2.93219875e+04
5.74460890e+02 -1.01766689e+04]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.59439672e+04
-2.56528472e+02 5.47600400e+03]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... -3.46642656e+02
7.33179103e+00 1.04622940e+02]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... -4.56329831e+03
-8.51964878e+01 1.58589593e+03]]
[06-24 17:40:27][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... 1.73372749e+01
-6.30282722e+00 1.44613387e+00]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... -6.07053364e+01
2.23785959e+01 -4.98741901e+00]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... -3.36602685e+03
1.26584057e+03 -3.10842858e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.73636506e+03
-6.30482742e+02 1.39764213e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -8.65839552e+02
3.12815292e+02 -7.85167724e+01]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... 5.04697216e+02
-1.92388962e+02 5.62844413e+01]]
[06-24 17:40:27][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... -2.88745608e-01
-5.22317818e+00 -1.23343285e+00]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... -6.35575217e-02
1.86640968e+01 4.23154750e+00]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... 7.12941297e+01
1.05529388e+03 2.11710201e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.77580185e+01
-5.19974545e+02 -1.34504626e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.04595081e+01
2.57914163e+02 5.77416154e+01]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... -2.94068526e+01
-1.59673413e+02 -2.49118497e+01]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... 1.55700024e+01
2.57218555e+01 9.77742573e+00]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... -6.04639789e+01
-9.91947075e+01 -3.77049596e+01]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... -3.24595577e+03
-5.41762630e+03 -2.09148357e+03]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.42662975e+03
2.39601099e+03 9.03061035e+02]

```

```
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.31794286e+02
-1.22946488e+03 -4.71497435e+02]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... 5.07005817e+02
8.87023851e+02 3.47523859e+02]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... -4.41100307e+01
-8.88968067e+01 -3.70783551e+01]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... 2.14989757e+02
4.29828771e+02 1.78558323e+02]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... 1.14174047e+04
2.27441336e+04 9.42096322e+03]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.36363683e+03
-6.80394949e+03 -2.85785646e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.44688178e+03
2.95479781e+03 1.23901717e+03]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... -2.18419182e+03
-4.28156363e+03 -1.76537990e+03]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... 3.82535628e+00
8.66603593e-01 -1.15773933e+00]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... -1.61076779e+01
-2.92237920e+00 5.38433459e+00]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... -7.93516381e+02
-1.21936528e+02 2.70650008e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.19457188e+02
9.29819761e+01 -9.79120182e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.56862542e+02
-4.83605711e+01 3.72435490e+01]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... 1.28966199e+02
5.00369810e+01 -3.20036756e+01]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... -2.82497071e+00
-5.91720468e-01 2.17338458e+00]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... 8.21412977e+00
2.41105438e+00 -6.79836786e+00]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... 4.85500163e+02
1.58533981e+02 -3.70004593e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.06079493e+02
-4.41895035e+01 2.15416965e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.30165093e+02
1.45805906e+01 -1.06527520e+02]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... -9.09652532e+01
1.80907738e+00 7.81591662e+01]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... 4.22718448e-01
8.64256488e-01 7.37456548e-01]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... -1.53228246e+00
-1.95837598e+00 -2.48910492e+00]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... -2.29035584e+01
-6.93893411e+01 -1.45219794e+02]
...
```

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[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.84285799e+01
 1.01291253e+02 7.19394905e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.09241763e+00
-4.69535535e+01 -4.58407059e+01]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... -2.79727488e-01
 4.24644570e+01 3.80636146e+01]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... 2.13092562e+00
 9.29607789e+00 1.52245590e+01]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... -4.92604248e+00
-1.87101955e+01 -3.12711811e+01]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... -1.25242252e+02
-5.74539772e+02 -1.01314212e+03]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.15503741e+02
 1.07406703e+03 1.74331055e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.17695865e+01
-3.16843605e+02 -5.09551289e+02]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... 2.97136239e+01
 1.90513585e+02 2.92433670e+02]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... 2.02960656e+01
-1.23828400e+01 5.50147934e-01]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... -4.12470532e+01
 2.46365780e+01 -1.92984702e+00]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... -1.37719433e+03
 9.19583934e+02 -1.77312338e+00]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.38094467e+03
-1.51024644e+03 -6.00545681e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.90589239e+02
 4.33611916e+02 -1.56962524e+00]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... 3.96023764e+02
-2.46653839e+02 -3.48398153e+00]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... 3.28701834e-01
-1.20549282e+00 5.20271234e-01]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... -9.11301599e-01
 2.05739806e+00 -1.86949357e+00]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... -2.09512974e+01
 1.60385104e+02 2.56191450e-01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.76704890e+01
-1.98526514e+02 -9.51164332e+00]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.11192344e+00
 4.82155233e+01 -5.39472693e-01]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... -1.08309374e+01
-1.89043824e+01 -4.09274873e+00]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... -2.62859081e+00
 2.43106234e+00 -4.98566089e+00]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... 4.77504365e+00
-4.93504762e+00 8.71742991e+00]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... 5.17030119e+01

```

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7.10427776e+01 1.35525082e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.72701549e+02
 1.83135084e+02 -5.87366992e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.88315138e+01
-7.59136793e+01 1.87398544e+02]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... -9.35269709e+01
 8.27861581e+01 -1.58057473e+02]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... -2.90317902e-02
 1.66920001e+00 8.91881170e+00]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... -5.07350037e-02
-3.52073890e+00 -1.70946045e+01]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... 3.18165953e+01
 7.68709630e+01 2.91569894e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.92705303e+00
 1.02062521e+02 8.92258890e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.81656969e+00
-4.74811525e+01 -3.31513172e+02]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... 9.74879801e+00
 5.25187483e+01 3.94342025e+02]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... 9.23001575e+00
-2.98798110e+01 -4.43045239e+01]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... -1.69238817e+01
 5.39723337e+01 7.98964895e+01]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... -2.79040308e+01
 2.80361299e+02 3.72446178e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.10964745e+03
-3.66553722e+03 -5.46370026e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.46746262e+02
 1.14020177e+03 1.67211371e+03]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... 4.36018059e+02
-1.39993881e+03 -2.05596097e+03]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... 3.49863749e-01
-4.68097157e-01 -7.29354304e-01]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... -8.68267843e-01
 7.94964466e-01 1.11111537e+00]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... 3.77474945e+01
 6.29186381e+01 5.02921945e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.39522365e+01
-6.96351378e+01 -1.36161589e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -9.78699040e+00
 2.41679792e+01 1.86445585e+01]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... 1.95519921e+01
-2.05726955e+01 -1.23496134e+01]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... 3.25186427e+00
-4.17142554e+00 -8.44417059e+00]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... -4.14767023e+00

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4.97990649e+00 9.82923472e+00]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... 1.07090817e+03
-1.25552815e+03 -2.69631131e+03]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 7.76094806e+02
-1.02946643e+03 -2.13569319e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.13854024e+02
6.67422774e+02 1.35868035e+03]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... 5.01741490e+02
-6.35908923e+02 -1.29422512e+03]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... 1.52095585e+01
-2.06177459e+01 -4.50313613e+01]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... -1.85384079e+01
2.47725752e+01 5.38608559e+01]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... 4.69205203e+03
-6.23596089e+03 -1.37759959e+04]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.32798571e+03
-4.53927480e+03 -9.94376366e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.18003986e+03
2.95905404e+03 6.45674170e+03]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... 1.95703926e+03
-2.63748990e+03 -5.74702814e+03]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... -7.17767587e+00
2.79692488e+00 5.26105196e+00]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... 7.92263543e+00
-2.90286720e+00 -5.58327654e+00]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... -2.07114197e+03
8.37622119e+02 1.41736568e+03]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.62562622e+03
6.41677447e+02 1.18441296e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.03205122e+03
-4.00452265e+02 -7.59147910e+02]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... -9.00696956e+02
3.51398833e+02 6.72811322e+02]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... -3.76584254e+00
3.21925216e+00 4.65729301e+00]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... 4.42654880e+00
-3.33562362e+00 -4.96460810e+00]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... -1.08719528e+03
9.59418085e+02 1.24324621e+03]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -8.51901208e+02
7.37451522e+02 1.04749438e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.50854214e+02
-4.60016319e+02 -6.73995157e+02]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... -4.98420548e+02
4.01193852e+02 6.01624380e+02]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... 1.72354241e+00

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-6.82218458e-01 -1.52452080e+00]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... -1.48080824e+00
 8.62912305e-01 1.68790064e+00]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... 3.01701170e+02
-2.77123013e+01 -3.20845094e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.07284911e+02
-1.57489841e+02 -3.70524984e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.30496709e+02
9.53132304e+01 2.05915065e+02]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... 2.08066989e+02
-1.00928043e+02 -1.93979219e+02]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... -3.59984975e+00
9.59679702e-01 4.05281246e+00]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... 8.00029947e+00
-2.06135344e+00 -8.24548317e+00]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... 8.55731271e+02
-1.98592255e+02 -9.01304023e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.70889572e+02
2.05895470e+02 8.63851808e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 8.00914739e+02
-2.22805839e+02 -8.74697674e+02]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... -1.18642392e+03
3.29175919e+02 1.26703292e+03]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... 2.49259845e+01
-2.20464223e+01 -2.04925464e+01]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... -5.76482434e+01
5.08842348e+01 4.82425070e+01]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... -5.90310749e+03
5.25241517e+03 4.91441101e+03]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.03209376e+03
-4.47421399e+03 -4.12938721e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.32711089e+03
4.71945042e+03 4.39822746e+03]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... 8.48905098e+03
-7.47410025e+03 -7.05833284e+03]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... 7.68963210e+00
-6.63635363e-01 -1.03722873e+01]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... -1.81735715e+01
1.91340386e+00 2.50651028e+01]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... -1.85513324e+03
2.30646696e+02 2.53765825e+03]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.52083990e+03
-1.18281157e+02 -2.06776779e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.63378114e+03
1.37640912e+02 2.22970287e+03]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... 2.67612186e+03
-2.62793462e+02 -3.64529351e+03]]

```

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[06-24 17:40:28][INFO]
[[-5.79512533e-02  0.00000000e+00  0.00000000e+00 ... -6.48330877e+00
  3.07753859e+00  1.06687142e+01]
[ 0.00000000e+00  2.72679342e-01  0.00000000e+00 ...  1.46875688e+01
-6.76081860e+00 -2.37202065e+01]
[ 0.00000000e+00  0.00000000e+00  3.87485492e+01 ...  1.26794319e+03
-5.93739176e+02 -2.09882876e+03]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.37809011e+03
  6.46937688e+02  2.23595375e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.34773201e+03
-6.49377070e+02 -2.19662074e+03]
[ 0.00000000e+00  0.00000000e+00 -1.13686838e-13 ... -2.12984802e+03
  1.00581899e+03  3.48959970e+03]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02  0.00000000e+00  0.00000000e+00 ... -3.14779529e+01
-4.31357601e+00  1.53397886e+01]
[ 0.00000000e+00  2.72679342e-01  0.00000000e+00 ...  7.06010696e+01
  9.77324728e+00 -3.41694900e+01]
[ 0.00000000e+00  0.00000000e+00  3.87485492e+01 ...  6.38368486e+03
  9.19026229e+02 -3.05487397e+03]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -6.67604714e+03
-9.19710247e+02  3.22605192e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  6.50080052e+03
  8.74426179e+02 -3.15964171e+03]
[ 0.00000000e+00  0.00000000e+00 -1.13686838e-13 ... -1.03112757e+04
-1.41349409e+03  5.01856955e+03]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02  0.00000000e+00  0.00000000e+00 ...  3.11909905e+01
  3.41603661e+00 -1.48636030e+01]
[ 0.00000000e+00  2.72679342e-01  0.00000000e+00 ... -6.85381899e+01
-7.38824479e+00  3.28888857e+01]
[ 0.00000000e+00  0.00000000e+00  3.87485492e+01 ... -5.39746460e+03
-5.34065471e+02  2.62306876e+03]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  6.57708456e+03
  7.14936333e+02 -3.16131487e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -6.19147921e+03
-6.91044693e+02  2.95742162e+03]
[ 0.00000000e+00  0.00000000e+00 -1.13686838e-13 ...  1.06491924e+04
  1.17177845e+03 -5.08335962e+03]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02  0.00000000e+00  0.00000000e+00 ... -5.43151965e+00
  1.04494663e+00  4.76607799e+00]
[ 0.00000000e+00  2.72679342e-01  0.00000000e+00 ...  1.17380616e+01
-2.19083439e+00 -1.01392192e+01]
[ 0.00000000e+00  0.00000000e+00  3.87485492e+01 ...  8.14490816e+02
-1.31878260e+02 -7.06541990e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.11034046e+03
  2.17221230e+02  9.59148211e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.13583084e+03
-2.16644895e+02 -9.70019677e+02]

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[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... -1.84859647e+03
 3.62620864e+02 1.61546053e+03]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... 2.55061453e+00
 1.09617617e+00 -4.89354916e-01]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... -5.69659164e+00
 -2.30273045e+00 1.33974722e+00]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... -3.06320739e+02
 -1.39071657e+02 3.13997435e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.38498292e+02
 2.27803520e+02 -1.26446346e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.15572478e+02
 -2.27243645e+02 1.17263393e+02]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... 8.90601058e+02
 3.80201105e+02 -1.88025664e+02]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... 3.98423554e-01
 -7.41992491e-01 -1.05913231e-01]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... -9.53031837e-01
 1.74870509e+00 4.94618423e-01]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... -1.00430033e+01
 1.13976727e+02 -2.13861084e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 9.28096055e+01
 -1.52855533e+02 -4.70409293e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -6.97186297e+01
 1.53556471e+02 3.78285509e+01]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... 1.48549604e+02
 -2.53578958e+02 -5.58192455e+01]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... 4.93732802e+00
 -1.76692656e+01 -2.61776771e+00]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... -7.95560194e+01
 2.94888658e+02 4.39939404e+01]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... 9.63138538e+03
 -3.58425174e+04 -5.35700515e+03]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 5.97326154e+02
 -2.03438653e+03 -3.26243138e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.87504268e+02
 2.83044770e+03 4.35055037e+02]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... 7.97703752e+03
 -2.94489397e+04 -4.38814715e+03]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... -5.20606841e-01
 -7.09214539e-01 -4.95081257e-03]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... 1.14504594e+01
 1.20940532e+01 4.27413461e-01]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... -1.43815779e+03
 -1.44488852e+03 -5.78049555e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.89109992e+01
 -8.84098160e+01 -2.64515396e+01]
```



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[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 8.82999930e+01
 1.08963221e+02 1.57909322e+01]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... -1.11344769e+03
-1.20105883e+03 -3.63595183e+01]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... -1.78430059e+00
 1.07253866e+00 5.58639510e-01]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... 3.62991323e+01
-2.29414942e+01 -1.06547586e+01]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... -4.51024756e+03
 2.88662437e+03 1.31230553e+03]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.56798972e+02
 9.19066604e+01 3.05847667e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.85465881e+02
-1.69032101e+02 -7.21423872e+01]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... -3.56892139e+03
 2.26105223e+03 1.05874854e+03]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... 5.48942213e-01
-2.95075883e-01 1.03523728e-01]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... -1.29293050e+01
 5.91342247e+00 -1.05239799e+00]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... 1.67075203e+03
-7.36326872e+02 1.06657132e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.16319274e+03
 5.18829375e+02 -1.23073844e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.03722384e+00
-4.07459062e+00 -1.72477046e+01]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... 1.23063482e+03
-5.52175289e+02 1.22560602e+02]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... -2.19863158e+01
 1.30800874e+01 -5.02837866e-01]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... 7.81360524e+02
-4.65514777e+02 2.03197490e+01]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... -1.04829253e+05
 6.24737303e+04 -2.75896404e+03]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 8.00368096e+04
-4.76751289e+04 2.06179410e+03]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.51629066e+03
-1.49515136e+03 5.03501011e+01]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... -7.79738372e+04
 4.64573926e+04 -2.00861313e+03]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... 8.69524164e-02
-3.55982074e-02 -6.11594430e-02]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... -4.08921189e+00
 1.19054495e+00 4.60317286e+00]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... 6.04084199e+02
-1.73562358e+02 -6.49279631e+02]
...

```

```

[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.09739623e+02
 1.25297934e+02 4.52086619e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.25793782e+02
 1.28927953e+02 4.77434280e+02]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... 4.15039026e+02
 -1.20388324e+02 -4.40078968e+02]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... -3.40874142e-02
 4.24820563e-02 1.66431795e-01]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... -5.00585273e-01
 -1.12440304e+00 -2.14452309e+00]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... 1.33853879e+02
 1.29773388e+02 2.34894613e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.38653972e+01
 -1.04269088e+02 -2.17063820e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.93196039e+01
 -1.07476875e+02 -2.11647253e+02]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... 6.17534840e+01
 1.07508792e+02 2.24203968e+02]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... -6.88646398e-01
 -1.84615866e-01 -4.45901224e-01]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... 1.02979549e+01
 2.62212876e+00 7.95739724e+00]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... -1.24979076e+03
 -3.50279334e+02 -1.05949033e+03]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.04071644e+03
 2.75493878e+02 8.06905929e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.10366452e+03
 2.96018127e+02 8.76312118e+02]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... -1.10921429e+03
 -2.98756122e+02 -8.71224022e+02]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... -3.40288303e-01
 -2.54016490e-02 -6.37790599e-02]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... 4.41738940e+00
 -6.55356016e-02 1.50686703e+00]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... -5.05031677e+02
 -9.89328999e+00 -2.42546635e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.50623861e+02
 5.79689366e+00 1.59619545e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 4.61103858e+02
 2.34103296e+00 1.71472258e+02]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... -4.69051066e+02
 -6.17475764e+00 -1.69013969e+02]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... -9.05422761e+02
 6.04935492e+00 -3.76014051e+02]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... 6.51820141e+02
 -4.41079057e+00 2.70422958e+02]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... -2.73953496e+05

```

```

1.82544537e+03 -1.13826698e+05]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.53642932e+05
-1.02240331e+03 6.37921522e+04]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.11296954e+04
-2.03501234e+02 1.29104940e+04]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... -3.60068300e+05
2.40739302e+03 -1.49538203e+05]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... -8.88677443e-01
-3.83942044e-02 -1.68759874e+00]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... 7.48238572e-01
-2.89077099e-02 9.87632257e-01]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... -2.29327436e+02
-1.67893180e+01 -5.50483392e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.57599982e+02
1.05928094e+01 2.74789009e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.97392073e+01
5.87684478e+00 3.61538163e+01]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... -3.41733294e+02
-1.36601209e+01 -6.71320617e+02]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... 3.80726091e+00
1.05439768e-01 3.54265525e+00]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... 2.61868423e-01
-4.38049563e-02 4.45921693e-01]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... 1.49100202e+03
3.59034137e+01 1.36558946e+03]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.50719559e+02
-1.11026231e+01 -5.14124904e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -9.10003671e+01
2.48495338e+00 -8.71859844e+01]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... 1.34138067e+03
3.78927212e+01 1.20330227e+03]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... 1.09932264e+01
2.11782918e+00 6.90425720e+00]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... 2.62089731e+00
6.16827879e-01 1.54947780e+00]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... 5.32961603e+03
1.11088578e+03 3.16129699e+03]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.57257993e+03
-2.97268900e+02 -9.92152222e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.28108419e+02
-1.19924709e+02 -2.91665574e+02]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... 4.11206575e+03
8.13807567e+02 2.49943156e+03]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... -8.94867871e+01
-8.23200200e+01 3.05339602e+02]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... -2.15358292e+01

```

```

-1.96831498e+01  7.32972889e+01]
[ 0.00000000e+00  0.00000000e+00  3.87485492e+01 ... -4.31652218e+04
-3.96414953e+04  1.47195649e+05]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 1.28336311e+04
1.18089145e+04 -4.37799904e+04]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 4.28593813e+03
3.92553391e+03 -1.45898488e+04]
[ 0.00000000e+00  0.00000000e+00 -1.13686838e-13 ... -3.33361214e+04
-3.06555789e+04  1.13724164e+05]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02  0.00000000e+00  0.00000000e+00 ... -5.92183773e-01
5.41808519e-01  8.26781888e-01]
[ 0.00000000e+00  2.72679342e-01  0.00000000e+00 ... -2.60640526e-01
1.48211961e-01  4.18087234e-01]
[ 0.00000000e+00  0.00000000e+00  3.87485492e+01 ... -3.12209091e+02
3.03325387e+02  4.00553992e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 9.14635953e+01
-6.85140141e+01 -1.31071146e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... 4.51840253e+01
-2.74241615e+01 -6.29377677e+01]
[ 0.00000000e+00  0.00000000e+00 -1.13686838e-13 ... -2.22442756e+02
2.10861334e+02  2.91635259e+02]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02  0.00000000e+00  0.00000000e+00 ... 8.41226898e-01
6.20112976e-02 -3.16346562e+00]
[ 0.00000000e+00  2.72679342e-01  0.00000000e+00 ... 7.01595156e-01
-1.73871595e-01 -2.26053001e+00]
[ 0.00000000e+00  0.00000000e+00  3.87485492e+01 ... 5.43372076e+02
1.69416758e+01 -1.98116445e+03]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -9.41076651e+01
-6.39882483e+00  3.85511627e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -3.54186802e+01
-4.44486407e-01  1.61439483e+02]
[ 0.00000000e+00  0.00000000e+00 -1.13686838e-13 ... 3.14475850e+02
3.11416896e+01 -1.20300837e+03]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02  0.00000000e+00  0.00000000e+00 ... 3.38227679e+00
-1.57488736e+00 -9.34986172e+00]
[ 0.00000000e+00  2.72679342e-01  0.00000000e+00 ... 1.34699807e+00
-5.89628547e-01 -3.83181676e+00]
[ 0.00000000e+00  0.00000000e+00  3.87485492e+01 ... 1.87004060e+03
-8.37674337e+02 -5.21104869e+03]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -4.20710622e+02
2.03992928e+02  1.18065353e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.68016665e+02
8.49727512e+01  4.84260241e+02]
[ 0.00000000e+00  0.00000000e+00 -1.13686838e-13 ... 1.30919087e+03
-6.09635845e+02 -3.62472436e+03]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02  0.00000000e+00  0.00000000e+00 ... -2.83651036e-01

```

```

-6.33949759e-02  1.24952026e+00]
[ 0.00000000e+00  2.72679342e-01  0.00000000e+00 ... -6.34946116e-02
-8.07074186e-03  2.46373367e-01]
[ 0.00000000e+00  0.00000000e+00  3.87485492e+01 ... -1.81988918e+02
 8.39441689e+00  7.22031769e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  5.41726156e+01
 8.19463905e+00 -1.92387363e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  4.86768528e+01
-4.37177941e+00 -1.42270742e+02]
[ 0.00000000e+00  0.00000000e+00 -1.13686838e-13 ... -1.38767911e+02
-1.26304547e+01  5.61792394e+02]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02  0.00000000e+00  0.00000000e+00 ...  1.33185315e+00
-4.32259779e-01 -5.43357302e+00]
[ 0.00000000e+00  2.72679342e-01  0.00000000e+00 ...  5.63852912e-01
-1.51311733e-01 -2.34886721e+00]
[ 0.00000000e+00  0.00000000e+00  3.87485492e+01 ...  6.55829379e+02
-1.82902940e+02 -2.74389414e+03]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.98509102e+02
 6.58889445e+01  8.52918183e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.15076342e+02
 3.30176562e+01  5.35151132e+02]
[ 0.00000000e+00  0.00000000e+00 -1.13686838e-13 ...  6.09266112e+02
-1.83427550e+02 -2.53270974e+03]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02  0.00000000e+00  0.00000000e+00 ... -5.71398652e+00
 1.69551413e+00  2.22645443e+01]
[ 0.00000000e+00  2.72679342e-01  0.00000000e+00 ... -9.59170467e-01
 3.08626268e-01  3.63833689e+00]
[ 0.00000000e+00  0.00000000e+00  3.87485492e+01 ... -2.77122197e+03
 8.52032681e+02  1.07282929e+04]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.26378466e+03
-3.75709312e+02 -4.89554984e+03]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  8.85453277e+02
-2.69132395e+02 -3.39806166e+03]
[ 0.00000000e+00  0.00000000e+00 -1.13686838e-13 ... -3.11524024e+03
 9.41336541e+02  1.21088119e+04]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02  0.00000000e+00  0.00000000e+00 ... -3.26852773e-01
 2.98301113e-01  3.07129603e-01]
[ 0.00000000e+00  2.72679342e-01  0.00000000e+00 ... -2.52279618e-02
 6.63978978e-02 -1.68318711e-01]
[ 0.00000000e+00  0.00000000e+00  3.87485492e+01 ... -1.76000921e+02
 1.78933254e+02  1.50433282e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  8.32997128e+01
-6.95374193e+01 -8.40120815e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  7.08466991e+01
-5.78551245e+01 -7.78072805e+01]
[ 0.00000000e+00  0.00000000e+00 -1.13686838e-13 ... -1.88080832e+02
 1.82145210e+02  1.78004886e+02]]

```

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[06-24 17:40:28][INFO]
[[-5.79512533e-02  0.00000000e+00  0.00000000e+00 ...  2.73660497e-01
 -1.92092517e-01 -3.52383190e-01]
[ 0.00000000e+00  2.72679342e-01  0.00000000e+00 ...  1.85829486e-01
 -1.05956708e-01 -4.00112234e-01]
[ 0.00000000e+00  0.00000000e+00  3.87485492e+01 ...  9.78393045e+01
 -4.46912836e+01 -1.50311333e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -6.35549979e+01
 5.03876819e+01  7.72708830e+01]
[ 0.00000000e+00 -1.42108547e-14  0.00000000e+00 ...  5.90235471e+01
 -3.46731148e+01 -8.24530921e+01]
[ 0.00000000e+00  0.00000000e+00 -1.13686838e-13 ...  1.68371412e+02
 -1.08942295e+02 -2.13468254e+02]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02  0.00000000e+00  0.00000000e+00 ... -6.20697090e+00
 5.49691655e+00  6.18269233e+00]
[ 0.00000000e+00  2.72679342e-01  0.00000000e+00 ... -1.93225806e+01
 1.70194613e+01  1.92721890e+01]
[ 0.00000000e+00  0.00000000e+00  3.87485492e+01 ... -7.38680737e+02
 6.89646130e+02  6.93236358e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  2.60103288e+03
 -2.28871535e+03 -2.60970234e+03]
[ 0.00000000e+00 -1.42108547e-14  0.00000000e+00 ...  3.62167029e+02
 -3.00787003e+02 -3.88143298e+02]
[ 0.00000000e+00  0.00000000e+00 -1.13686838e-13 ... -2.61476902e+03
 2.33423186e+03  2.59305349e+03]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02  0.00000000e+00  0.00000000e+00 ...  9.83959533e-01
 -9.11896321e-01 -8.30150490e-01]
[ 0.00000000e+00  2.72679342e-01  0.00000000e+00 ...  2.68583133e+00
 -2.59521787e+00 -2.19117166e+00]
[ 0.00000000e+00  0.00000000e+00  3.87485492e+01 ...  1.46249366e+02
 -9.90350405e+01 -1.69777932e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -3.68735392e+02
 3.58047715e+02  2.86517881e+02]
[ 0.00000000e+00 -1.42108547e-14  0.00000000e+00 ... -3.53514862e+01
 5.34956316e+01 -4.69562298e-01]
[ 0.00000000e+00  0.00000000e+00 -1.13686838e-13 ...  4.36113515e+02
 -3.84823125e+02 -3.82272151e+02]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02  0.00000000e+00  0.00000000e+00 ... -2.27018786e-01
 2.09395789e+00 -1.46822458e-01]
[ 0.00000000e+00  2.72679342e-01  0.00000000e+00 ... -3.31935167e-01
 4.89539198e+00 -4.88313396e-01]
[ 0.00000000e+00  0.00000000e+00  3.87485492e+01 ... -3.74591282e+01
 3.56960696e+02 -6.61153295e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  8.40984160e+01
 -7.65962838e+02  3.09938715e+01]
[ 0.00000000e+00 -1.42108547e-14  0.00000000e+00 ...  1.42684277e+01
 -6.96694367e+01 -2.84689721e+01]

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[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... -8.65995762e+01
 9.12639696e+02 -8.73168225e+01]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... 3.22795822e-01
-5.90659832e-01 -1.24383588e+00]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... 7.99089619e-01
-6.27140784e-01 -2.74498201e+00]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... 4.52384696e+01
-4.68325706e+01 -2.31117083e+02]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.08941056e+02
 1.76604312e+02 4.16154411e+02]
[-1.11022302e-16 0.00000000e+00 0.00000000e+00 ... -3.40916644e+01
 4.89201986e+00 1.37821516e+02]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... 1.44325925e+02
-2.14916181e+02 -5.48069174e+02]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... 8.08748041e-03
-5.45500422e-01 2.84276375e-02]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... -2.18303619e-02
-5.09341993e-01 5.73730594e-01]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... -1.53884267e+01
-3.81328493e+01 1.39777486e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.17802859e+01
 1.62662123e+02 2.33650052e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 7.30490231e+00
-1.14271597e+02 -2.34415053e+01]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... -8.58155874e-02
-1.94193664e+02 3.57405437e+01]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... -2.11499868e-02
 6.66302642e-02 2.68879063e-01]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... -5.86161582e-02
 2.60824402e-01 8.76260121e-01]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... -1.86157814e+01
 2.94367126e+01 4.05197891e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.93030300e+00
-2.26256813e+01 -4.94180095e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 7.23545917e-01
 2.35190729e+01 3.06841312e+01]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... -1.00578451e+01
 1.45858867e+01 1.17751366e+02]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... -1.78994659e-01
 3.51630108e-01 -2.53627192e+00]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... -2.68058407e-01
 6.38987360e-01 -2.84586189e+00]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... -2.50898183e+01
 4.11260493e+01 -7.45341483e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 8.89593645e+00
-4.39788024e+01 1.60753083e+02]
```

```
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.61038307e+01
 9.00135351e+01 -6.23796951e+02]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... -6.46288508e+01
 1.13117740e+02 -8.52062237e+02]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... 8.71768012e-01
 -1.78188049e-01 -4.20946038e+00]
 [ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... 1.07805233e+00
 -3.97519296e-02 -4.98934968e+00]
 [ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... 1.09644073e+01
 2.29466983e+01 -1.31945318e+02]
 ...
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -5.36100934e+01
 -1.24618572e+01 2.60284948e+02]
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.06573813e+02
 -3.23499875e+01 -1.01022620e+03]
 [ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... 2.94093025e+02
 -6.77578930e+01 -1.42327524e+03]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... -5.53392429e-01
 -1.46108075e+00 5.05558990e+00]
 [ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... -6.76178076e-01
 -1.61886493e+00 6.41500343e+00]
 [ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... -3.23660099e+01
 -1.60582266e+01 1.49748225e+02]
 ...
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.37863215e+01
 4.82066587e+01 -1.77863035e+02]
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.30723084e+02
 -3.35975962e+02 1.18256039e+03]
 [ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... -1.76156244e+02
 -4.91064167e+02 1.63384240e+03]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... -1.11166417e-01
 8.52518515e-02 -6.49750773e-01]
 [ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... -1.65706995e-01
 1.66100341e-01 -1.70795098e-01]
 [ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... -1.48934777e+01
 4.50380127e+01 -7.56721397e+01]
 ...
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -4.63531368e+01
 2.54218950e+01 -2.45766993e+02]
 [ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.76875482e+01
 2.43086073e+01 -1.46743668e+02]
 [ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... -3.86881013e+01
 -1.03790304e+01 -1.39690964e+02]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... -7.15613334e-02
 1.52246613e-01 -6.50927557e-01]
 [ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... -1.32849436e-01
 2.21681194e-01 -1.71771393e-01]
 [ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... -1.36349951e+01
 4.71668238e+01 -7.57095329e+01]
 ...
```



```

[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.10760941e+01
 5.12640785e+01 -2.46220919e+02]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.77764409e+01
 4.10739367e+01 -1.47038157e+02]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... -2.52244559e+01
 1.23956651e+01 -1.40091009e+02]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... -4.74017450e-02
 8.40022469e-02 2.19179552e-02]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... -1.38985774e-01
 2.39014706e-01 -3.42668653e-01]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... -1.13690408e+01
 4.07661100e+01 -1.26026160e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.16822026e+01
 2.47288510e+01 1.53993393e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -1.11704890e+01
 2.24138921e+01 3.69378687e+01]
[ 0.00000000e+00 0.00000000e+00 -1.13686838e-13 ... -1.72721982e+01
 -1.00673329e+01 8.13796889e+01]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... 1.96659690e-02
 1.23093566e-01 -2.94078285e-01]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... -1.59747940e-01
 2.26913198e-01 -2.44845632e-01]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... -2.60950234e+00
 4.58717247e+01 -5.38740574e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -3.73625946e+00
 3.51888852e+01 -6.91547659e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 1.58835675e+01
 3.81827127e+01 -9.05300238e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -7.25464821e-01
 -5.77938833e+01 1.25572332e+02]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... -5.62348158e-02
 -5.93653090e-02 1.38526030e-01]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... -2.92727541e-01
 -9.27581789e-02 5.13085256e-01]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... -2.52622456e+01
 -8.58349680e+00 7.52375786e+01]
...
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... -2.92592780e+01
 -2.61662279e+01 7.63162982e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 3.21861612e+01
 8.68675225e+00 -6.54652227e+01]
[ 0.00000000e+00 0.00000000e+00 0.00000000e+00 ... 2.96541653e+01
 1.52361011e+01 -4.75794889e+01]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02 0.00000000e+00 0.00000000e+00 ... -4.04595133e-02
 -4.52576416e-02 9.73796730e-02]
[ 0.00000000e+00 2.72679342e-01 0.00000000e+00 ... 1.75734951e+00
 1.74060160e+00 -4.83408332e+00]
[ 0.00000000e+00 0.00000000e+00 3.87485492e+01 ... -8.07461482e+01

```

```

-5.82020978e+01  2.19954959e+02]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -2.92592780e+01
-2.61662279e+01  7.63162982e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.05455161e+02
-1.14404262e+02  2.93541456e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.08084905e+02
-1.07942328e+02  3.11682143e+02]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02  0.00000000e+00  0.00000000e+00 ...  0.00000000e+00
-1.36466649e-03 -1.52420737e-02]
[ 0.00000000e+00  2.72679342e-01  0.00000000e+00 ...  0.00000000e+00
-1.65879527e-01  5.76159476e-02]
[ 0.00000000e+00  0.00000000e+00  3.87485492e+01 ...  0.00000000e+00
2.93963034e+01 -4.80731611e+00]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  0.00000000e+00
5.57604127e+00 -5.12884838e+00]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.05455161e+02
-1.14404262e+02  2.93541456e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.42108547e-14
9.31484229e+00  1.08206206e+01]]
[06-24 17:40:28][INFO]
[[-5.79512533e-02  0.00000000e+00  0.00000000e+00 ...  0.00000000e+00
0.00000000e+00 -1.36568039e-02]
[ 0.00000000e+00  2.72679342e-01  0.00000000e+00 ...  0.00000000e+00
0.00000000e+00  2.50310507e-01]
[ 0.00000000e+00  0.00000000e+00  3.87485492e+01 ...  0.00000000e+00
0.00000000e+00 -3.89556394e+01]
...
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  0.00000000e+00
0.00000000e+00 -1.16062771e+01]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ... -1.05455161e+02
0.00000000e+00  4.26439586e+02]
[ 0.00000000e+00  0.00000000e+00  0.00000000e+00 ...  1.42108547e-14
9.31484229e+00  1.08206206e+01]]
n = 97: 0.422980 segundos

```

