

```
100%|██████████████████████████████████████████████████████████████████████████████| 10/10 [03:59<00:00, -23.95s/it]
Initial separations: 461466.4179670947
Final separations: [5.50000000e+02 4.56573162e+05 9.17589636e+05 1.37753217e+06
1.83586096e+06 4.61549111e+05 9.22559195e+05 1.38248919e+06
4.61551450e+05 9.22563548e+05 4.61553473e+05]
Magnitude of desired separation change: 46155.77151617433
Separation changes: [ 77.11567874 157.98714423 241.74764546 328.32044961 80.93696396
164.83929481 251.64085724 83.97949781 170.94614714 87.05460922]
```