

Python 3.9.18 (main, Sep 11 2023, 14:09:26) [MSC v.1916 64 bit (AMD64)]
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IPython 8.15.0 -- An enhanced Interactive Python.

```
In [1]:          'D:/github/Line-Covering/two_drones/main.py'      = 'D:/github/Line-  
Covering/two_drones'
```

We have to cover the following segments:

```
[[-518. -512.]  
[-493. -488.]  
[-483. -477.]  
[-475. -474.]  
[-471. -464.]  
[-454. -451.]  
[-438. -431.]  
[-430. -416.]  
[-397. -393.]  
[-373. -347.]  
[-341. -338.]  
[-332. -322.]  
[-304. -252.]  
[-244. -236.]  
[-235. -208.]  
[-201. -198.]  
[-190. -188.]  
[-183. -177.]  
[-167. -142.]  
[-139. -131.]  
[-115. -113.]  
[-108. -105.]  
[-100. -65.]  
[-60. -34.]  
[-31. -15.]  
[ 4. 6.]  
[ 17. 30.]  
[ 48. 50.]  
[ 54. 79.]  
[ 82. 85.]  
[ 88. 91.]  
[100. 124.]  
[125. 128.]  
[133. 135.]  
[155. 167.]  
[169. 190.]  
[213. 230.]  
[239. 240.]  
[251. 257.]  
[263. 272.]  
[283. 303.]  
[308. 318.]  
[320. 323.]  
[324. 327.]  
[352. 366.]  
[372. 373.]  
[441. 443.]  
[462. 463.]  
[473. 476.]]
```

C:\Users\Alina\.conda\envs\MILP\lib\site-packages\pulp\pulp.py:1316: UserWarning: Spaces are not permitted in the name. Converted to '_'

warnings.warn("Spaces are not permitted in the name. Converted to '_'")

Traceback (most recent call last):

File ~\.conda\envs\MILP\lib\site-packages\spyder_kernels\py3compat.py:356 in

```

compat_exec
    exec(code, globals, locals)

File d:\github\line-covering\two_drones\main.py:143
    Tour1_solv, Tour2_solv, M1_solv, M2_solv, Max_sum = solver.solver_results(n, a, xy,
L, base)

File D:\github\Line-Covering\two_drones\solver.py:148 in solver_results
    Max_sum, Cover_1, Cover_2 = minmax_problem(n, xy, A, L, base)

File D:\github\Line-Covering\two_drones\solver.py:94 in minmax_problem
    status = prob.solve()

File ~\.conda\envs\MILP\lib\site-packages\pulp\pulp.py:1883 in solve
    status = solver.actualSolve(self, **kwargs)

File ~\.conda\envs\MILP\lib\site-packages\pulp\apis\coin_api.py:112 in actualSolve
    return self.solve_CBC(lp, **kwargs)

File ~\.conda\envs\MILP\lib\site-packages\pulp\apis\coin_api.py:128 in solve_CBC
    vs, variablesNames, constraintsNames, objectiveName = lp.writeMPS(

File ~\.conda\envs\MILP\lib\site-packages\pulp\pulp.py:1748 in writeMPS
    return mpslp.writeMPS(

File ~\.conda\envs\MILP\lib\site-packages\pulp\mps_lp.py:262 in writeMPS
    f.write("".join(columns_lines))

```

MemoryError

In [2]: