第一行第一张（左下角，初始位姿可直接运动过去）

-372.17,-70.39,192.46,-107.18,-88.71,22.32

中间位姿

-372.17,-70.39,161.715,-107.18,-88.71,22.32

-372.17,-70.39,130.97,-107.18,-88.71,22.32

-372.17,-70.39,100.225,-107.18,-88.71,22.32

-372.17,-70.39,69.48,-107.18,-88.71,22.32

-372.17,-70.39,38.735,-107.18,-88.71,22.32

第一行末尾

-372.17,-70.39,7.99,-107.18,-88.71,22.32

第二行第一张

-316.63,-70.34,1.27,-107.01,-88.72,22.15

-316.63,-70.34,33.29,-107.01,-88.72,22.15

-316.63,-70.34,65.31,-107.01,-88.72,22.15

-316.63,-70.34,97.33,-107.01,-88.72,22.15

-316.63,-70.34,129.35,-107.01,-88.72,22.15

-316.63,-70.34,161.37,-107.01,-88.72,22.15

第二行末尾

-316.63,-70.34,193.39,-107.01,-88.72,22.15

旋转位置

-336.11,-70.31,27.37,3.36,-70.06,-88.10

-336.11,-70.33,-37.82,4.01,-60.09,-88.69

-336.11,-55.96,-40.56,4.32,-51.65,-88.95

-336.11,-70.30,169.93,-173.05,-70.18,88.08

-336.14,-70.30,267.12,-174.02,-52.09,88.94

-336.12,-70.30,361.14,-174.31,-39.67,89.15

-408.25,-63.90,71.38,-154.52,-88.16,52.88

-241.87,-63.91,71.38,-154.22,-88.15,90.47

-212.52,-63.92,71.37,-154.22,-88.15,99.50

-185.43,-63.91,71.36,-154.27,-88.15,105.08

-429.32,-70.24,-34.49,-107.05,-88.72,17.97