

Motion Planning for Mobile Robots - HW5

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1. Matlab 版代码文件可参见./matlab/hw1_1.m 及./matlab/hw1_2.m, 运行截图如 Fig.1、Fig.2所示

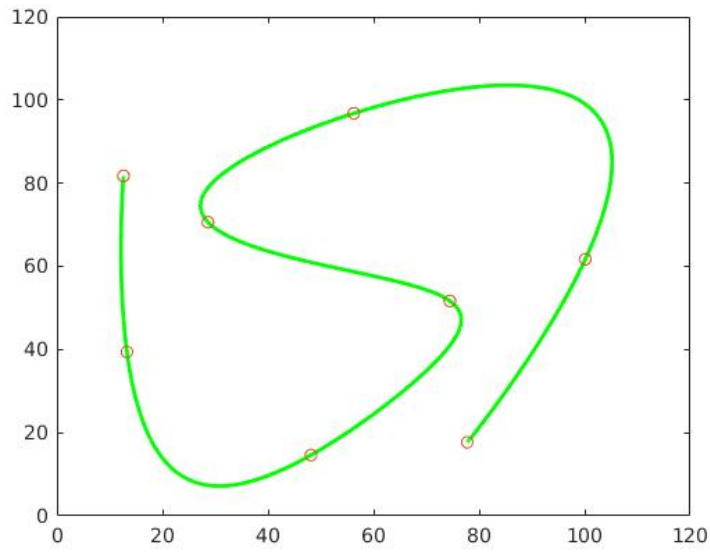


Figure 1: 凸优化解

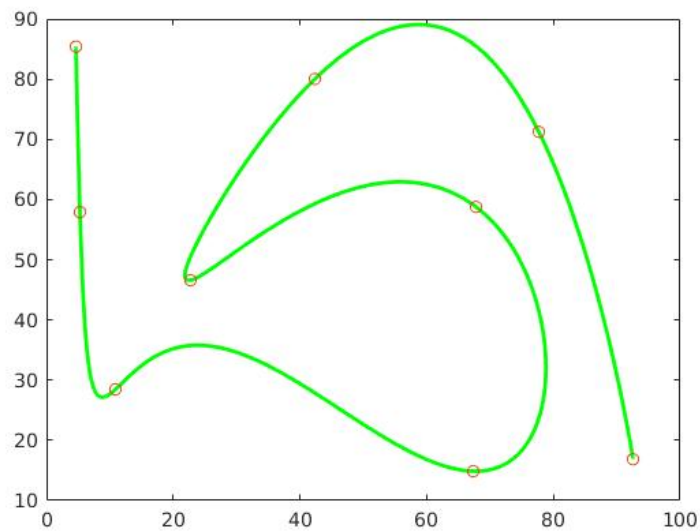


Figure 2: 闭式解

Ros 版代码文件可参见./ros/src/waypoint_trajectory_generator/src/trajectory_generator_node.cpp 及./ros/src/waypoint_trajectory_generator/src/trajectory_generator.cpp, 运行截图如 Fig.3所示

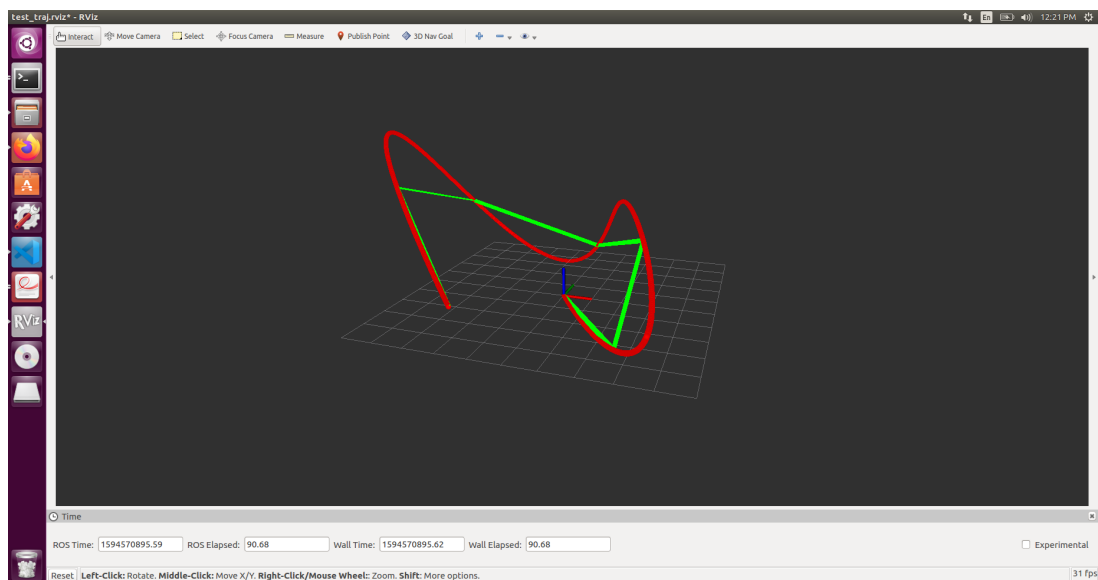


Figure 3: Ros 版闭式解