

AA 274A: Principles of Robot Autonomy I

Problem Set 2

Name: Li Quan Khoo
SUID: lqkhoo (06154100)

TODO date

Problem 1: A* Motion Planning

- (i) (code)
- (ii) (please see sim_astar section of merged pdf as requested)

Problem 2: Rapidly-Exploring Random Trees (RRT)

- (i) TODO
- (ii) TODO
- (iii) TODO
- (iv) TODO

Problem 3: Geometric Planning to Trajectories and Control

- (i) TODO
- (ii) TODO
- (iii) TODO
- (iv) TODO

Extra Problem: Bi-Directional Sampling-based Motion Planning

- (i) TODO
- (ii) TODO
- (iii) TODO
- (iv) TODO