

AA 274A: Principles of Robot Autonomy I

Problem Set 4

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October 28, 2020

Problem 1: EKF Localization

- (i) (code)
- (ii) (code)
- (iii) (code)
- (iv) (code)
- (v) (code)
- (vi) (code)
- (vii) (code)
- (viii) TODO

Problem 2: EKF SLAM

- (i) (code)
- (ii) (code)
- (iii) TODO

Extra Credit: Monte Carlo Localization

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