

Readme

<Document Description>

//lab3_1.m

matlab file to get an answer for Question1 and Question3

If you run, you will get estimated mean and estimated covariance matrix printed out.

Additionally, it will get figure of trajectory of robot and uncertainty ellipsoid (95%) in step by step.

//lab3_2.m→matlab file to get an answer for Question2 and Question3

matlab file to get an answer for Question2

If you run, you will get estimated mean and estimated covariance matrix printed out.

Additionally, it will get figure of trajectory of robot and uncertainty ellipsoid (95%) in step by step.

//inputs.txt

Input Parameters given by professor.

//sensor_reading.txt

Sensor Reading Parameters given by professor.

//sporadic_sensor_reading.txt

Sensor Reading Parameters given by professor.

<How to Run>

//lab3_1.m

Implement the file.

It will pause in step by step, so if it pause press enter

//lab3_2.m

Implement the file.

It will pause in step by step, so if it pause press enter