



Human-Oriented Robotics

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Exercise 9: Kalman Filter

For this exercise you will find in the Matlab directory the following Matlab scripts: `Ex11-Solution.m`, `extend.m`, `extractpath.m`, `findnearestvertex.m`, `generateObstacles.m`, `sampleconfiguration.m`, `checkcollision.m`, `checkedgecollision.m`, `diffdrivekinematics.m`, and the obstacles definition `environment.txt`

In `Ex11-Solution.m` you find the solution to the entire exercise.