

## CENG 4391 Introduction to Robotics

Homework 1 Spring 2016

Due January 26, 2016

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Put your name, Student ID, HW number, date, and the Course Number on your homework. Please submit a paper copy at the beginning of class. The assignment should be typed.

1. Visit my WEB site and view the Videos. Pick one of the videos you like and write a short summary of the video.

In the Summary, discuss the sensing, processing, and control that is needed for the robot to satisfy the requirements of the application.

List the references for each video you viewed and discussed.

2. Read Rodney Brooks' paper on Mobile Robots and write a short essay summarizing the essence of the paper.

3. Read the predictions of Rodney Brooks for Robots in 2015.

<http://www.rethinkrobotics.com/2015-predictions-big-deployments-big-ideas-big-problems-solved/>

Like? Disagree? Say a few words about the predictions.