

91.450, Robotics I
Fall 2001
Prof. Yanco

Assignment 1

Out: Tuesday, 11 September 2001

Due: Tuesday, 18 September 2001

Problem 1 (short answers):

Exercises 1.2 and 1.3 (Murphy, p. 37).

Problem 2:

Search the web for applications of intelligent robots. Pick 4 different applications, describe them briefly (3-4 sentences) and give the web page link.

Problem 3:

Read the attached article (“Silicon Babies”, *Scientific American*, December 1991). List the 7 topics of AI (Murphy, pages 35 – 36) and give examples of robots or researchers addressing each topic.

Problem 4 (short answers):

Exercises 2.1 and 2.2 (Murphy, p. 63).

Problem 5:

Exercise 2.7 (Murphy, p. 64).