

91.549, Mobile Robotics
Fall 2004, Prof. Yanco

Lab 5: Reinforcement Learning

Out: Wednesday, 3 November 2004

Due: Thursday, 18 November 2004

For this lab, you'll set up a reinforcement learning problem of your choosing. Learning can occur in Stage or on a real robot. I'd recommend that you start with a simple example with just a few states. I'd recommend using temporal difference learning for updating your utility values, but you should feel free to try other methods.

Please discuss your ideas with me in lab on Wednesday 11/3 and Thursday 11/4, so that I can help you to set up your selected problem that you want the robot to learn.