

Principles of Robot Autonomy II

Section 3: Turtlebot gets an upgrade



Stanford
University

Aims

- In this section, you will
 - Get familiar with how the Turtlebot gripper works,
 - Have your Turtlebot detect and pick up objects.
- By the end of this week (2/20), we want you to
 - Set up the required software dependencies on Raspberry Pi,
 - Have your Turtlebot teleoperated to pick up and place objects around the field.

Section 3

- Submit your responses to the problems in the handout.



Section 3

- Make sure you align your object within the gripper before gripping.
 - Be careful not to drive into fences or walls with the grippers. It might damage the gripper and the environment



Section 3

- Show TAs that your team's robot can pick and place objects with the gripper

Don't forget to submit your responses on Gradescope!