

Principles of Robot Autonomy I

Section 3: Introduction to Turtlebots!

Aims

- Become familiar with the Turtlebot hardware.
- Gain a basic understanding of the Turtlebot software.
- Use basic tools for interacting with the Turtlebot.

Turtlebots

- ~\$5,000 collection of hardware.

BE CAREFUL WITH THEM

- **Lots** of things changed for this course, so please cooperate with us today. This will be a painful section for all of us!
- Have no fear, section grades are based on attendance and presence of submission *by the end of your section day*.

Turtlebot Networking

- They are connected to one of the two routers set up today.
- NETGEAR59-5G, with password ...6 (announced in section)
- NETGEAR12-5G, with password ...7 (announced in section)
- Your computer must be connected to the same router as the turtlebot. The following are on 59:
the rest are on 12.

lucy
petunia
sara
orbitty
tweeter
teddy
spacely

Section 2

- Focuses on getting your computers connected to the Turtlebots and able to interact with them.