

Intelligent Agents

Chapter 2
ICS 171, Fall 2009

Discussion

- **Why is the Chinese room argument impractical and how would we would we have to change the Turing test so that it is not subject to this criticism?**
- **Godel's theorem assures us that humans will always be superior to machines.**
- **A robot/agent can never be aware of itself (be self-conscious).**

Agents

- An **agent** is anything that can be viewed as **perceiving** its **environment** through **sensors** and **acting** upon that environment through **actuators**

Human agent:

eyes, ears, and other organs for sensors;
hands, legs, mouth, and other body parts for
actuators

- **Robotic agent:**

cameras and infrared range finders for sensors;
various motors for actuators