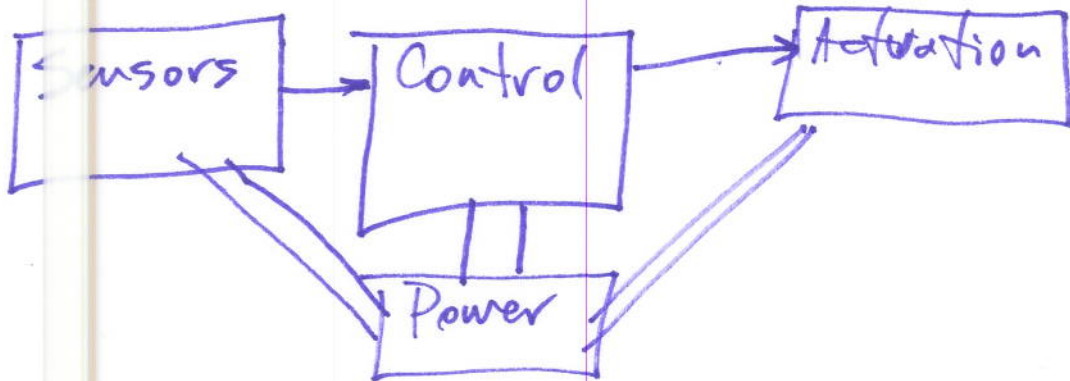


Locomotion:

- Wheels
- Legs
- Treads / tracks
- Flippers
- belts
- Air
- Slither
- Jumping (springs)

- Wing (propulsion)
- Propellers (copter)
- Motor
- "Muscles"
- Maglev
- Gears / bearing
- Swim



Sensors

Infra Red
 Sound
 Sonar
 Hall Effect
 Smoke detectors
 (portable)
 Current
 Voltage
 Piezo
 Strain
 LIDAR

Touch
 Light/UV
 Pressure
 RF ←
 Gas Sensor
 Accelerometer
 Gyroscope
 (IMU)
 Inertial Measurement
 Unit

Temp
 Magnetic
 Smell
 Camera
 Taste
~~pH~~ pH
 GPS

Control

What does a Robot need to have?

Power source
 Control

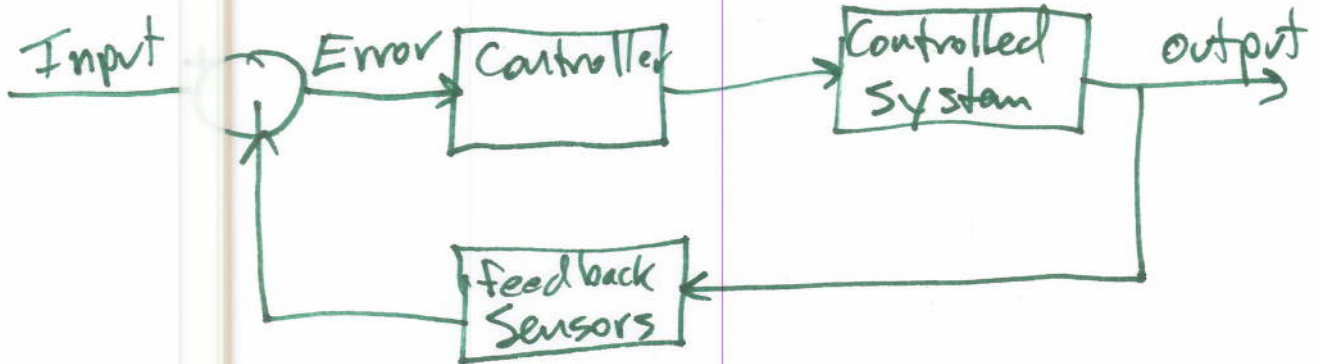
Locomotion

- * Serve a purpose
- * Autonomous control when operating (after power on)
- * Motion of some sort

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(3)



Closed Loop System

Issac Asimov: 3 laws of Robotics:

1. Never harm a human
2. Obey humans (unless it violates law 1)
3. Do not harm another robot (unless it would violate Law 1 & 2)