Artificial Intelligence:

* Kairos

“Agent”

* Anything that can be viewed as perceiving its environment through sensors and acting upon that environment through actuators
* Living Agent:
  + Sensors: eyes, ears, etc
  + Actuators: hands lengs, mouths
* Software:
  + Sensor: IR, Camera, Keyboard, etc
  + Actuators: Screen, Speakers, etc

“Environment”

* Fully Observable vs. Partially Observable
  + Do we have access to all of the relevant information?
* Deterministic vs non-deterministic (Stochastic)
  + Is the outcome of an action always certain or is it probabilistic?
* Benign vs Adversarial:
  + Does the environment try to oppose the agent?
* Dynamic vs. Static
  + Does the environment change while the agent is deciding?