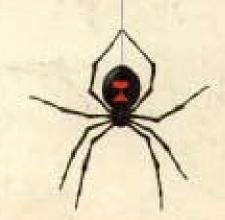
Ineffable Computing

Superh Mysteries By



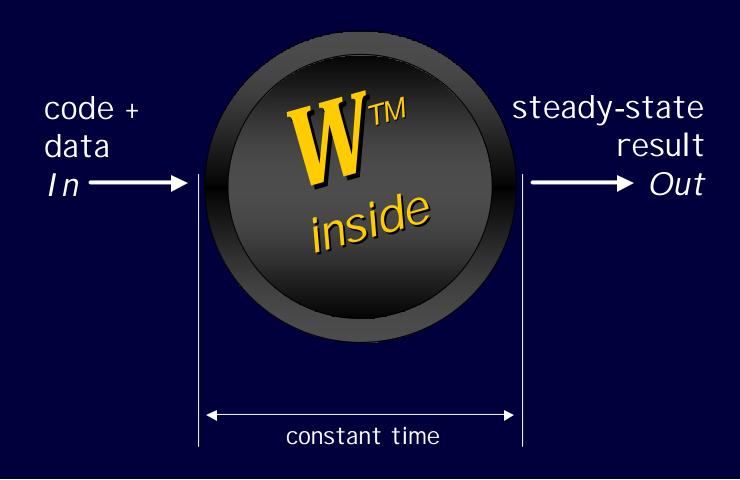
ISAAC ASIMOV TALES OF THE BLACK WIDOWERS



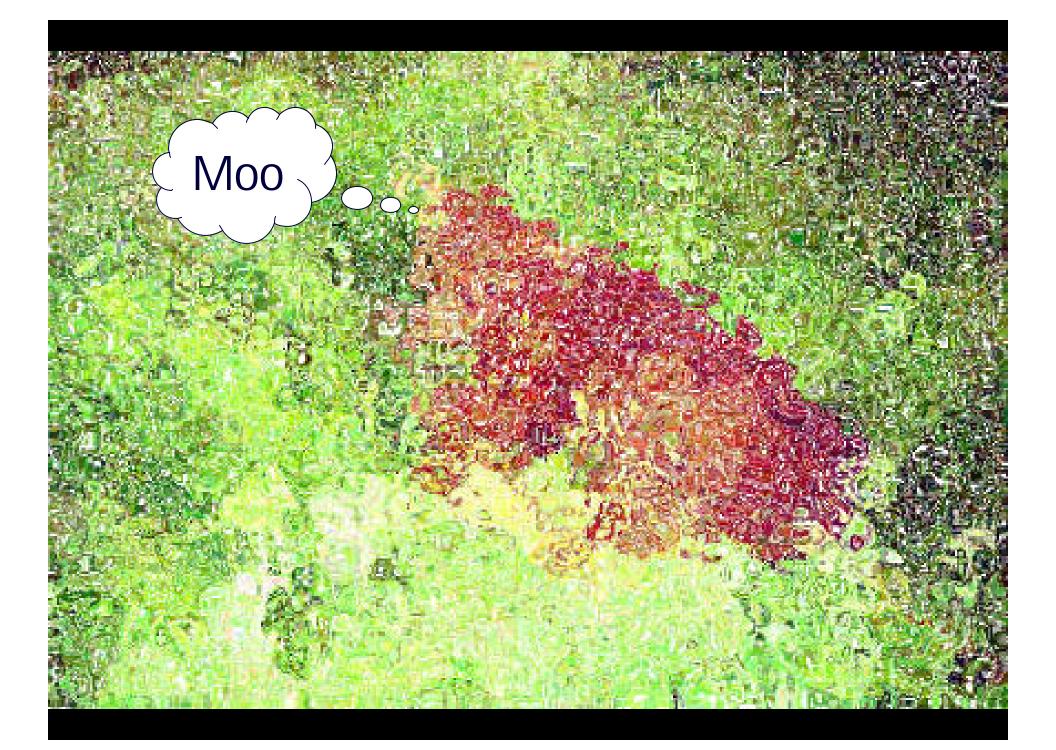
THE MASTER OF SCIENCE FICTION NOW CREATES FASCINATING TALES OF MYSTERY

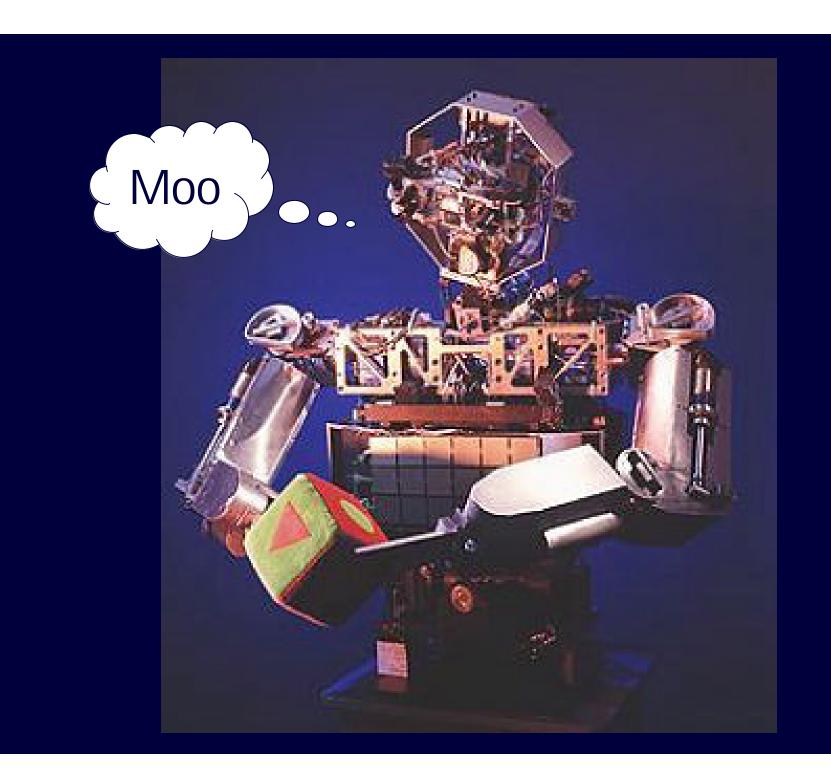
How do you Justify your Existence?

The Philosopher's Stone









Fighting the Ineffable

Use minimal descriptions

Use strategic viewpoints

- Just get better at describing stuff
 - Big complicated perceptual networks



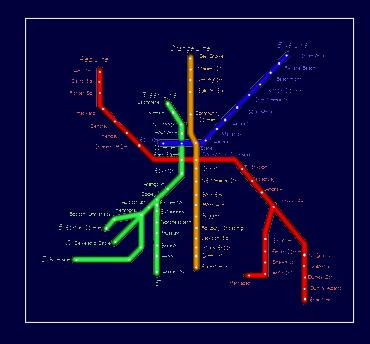
Communicating with an Alien



"moo moo-moo moo"

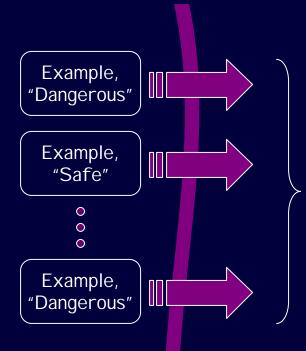




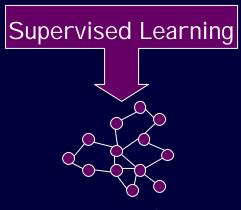


Examples



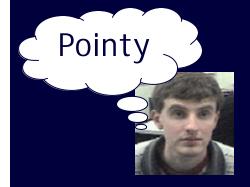






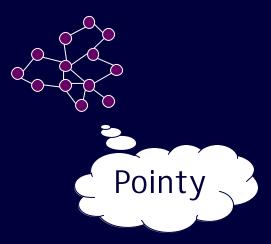


Mind-Reading



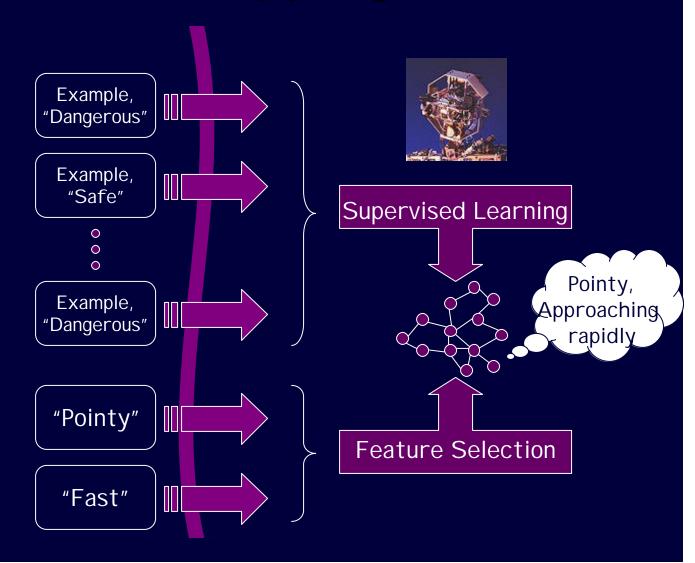






Bootstrapping

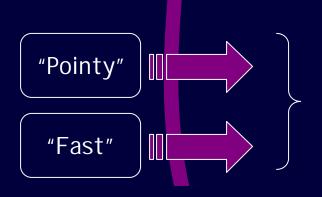


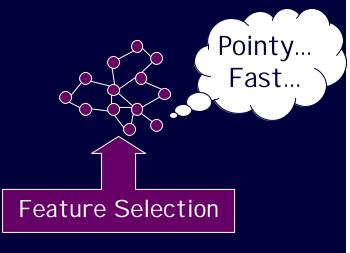


Bootstrapping





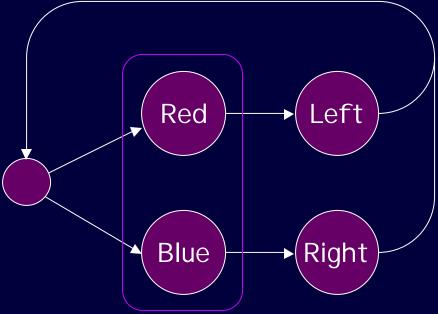




Shared Activity







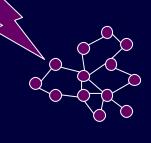
Collapsing Uncertainty

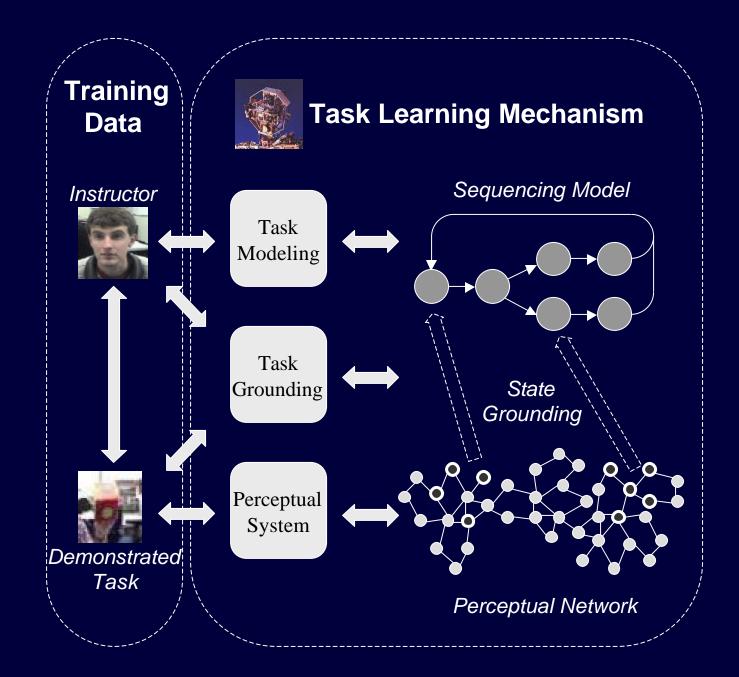






Significance Tests





Why Communication?

- Why not just programming?
 - Referential indeterminacy is disruptive
- Why not just learning?
 - How to use what is learned
 - How to pose next learning task
- Hand-holding but not spoon-feeding

Future Directions

I neffable Computing

Unprovoked Computing

Dysfunctional Computing

Quantum Dysfunctional Computing

Brief Rants

- Why not imitation?
 - I mitation is a question, not an answer
- Why not naïve users?
 - Humans don't stay naïve for long
- Humanoids, Cog, Kismet, simulation, emotions, faces, scientific pointillism



