NTT9904-01: Human-Robot Dynamic Social Interaction

Rodney A. Brooks



Project Overview

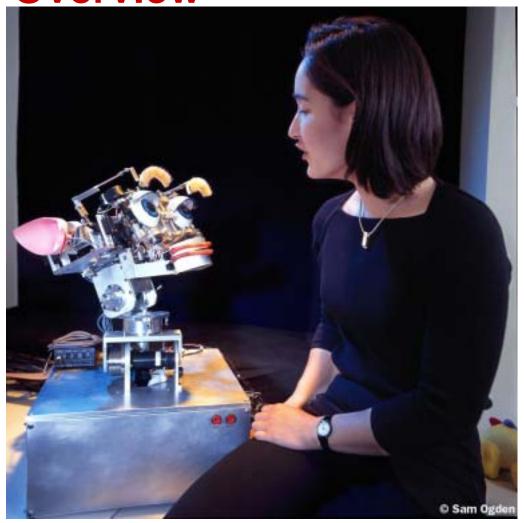


The big question:

- humans naturally interact with an embodied robot
- is the physical nature ultimately important, or will a person have identical reactions to an equivalently programmed 3-D graphical agent?

MIT's role: provide a physically embodied robot that can enter into dynamic interactions with a person.

NTT's role: measure the physiological response of people interacting with the robot and interacting with a 3-D graphical agent and compare them.





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Progress Through June 2001

- Redesigned the mechanics of the final Kismet
- Began fabrication of the final Kismet for delivery to NTT
- Implemented a new motor and vision library for delivery to NTT





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Research Plan for the Next Six Months

- Complete fabrication and test of the final version of Kismet
- Deliver the first version of the motor and vision library to NTT
- Deliver the final mechanical version of Kismet to NTT

