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Inspiration

Neuromancer (Dude Shes Like In A Coma)

A special service at a brothel Molly used to work at, where prostitutes are in comas and mechanically controlled like puppets by a computer. Riviera does a performance piece based on how her tenure as a meat puppet went horribly wrong. The service is first described in "Burning Chrome."



Inspiration

Avatar Movie

and countless other sci-fi films with avatar/mechanical puppet control



Inspiration

Daito Manabe

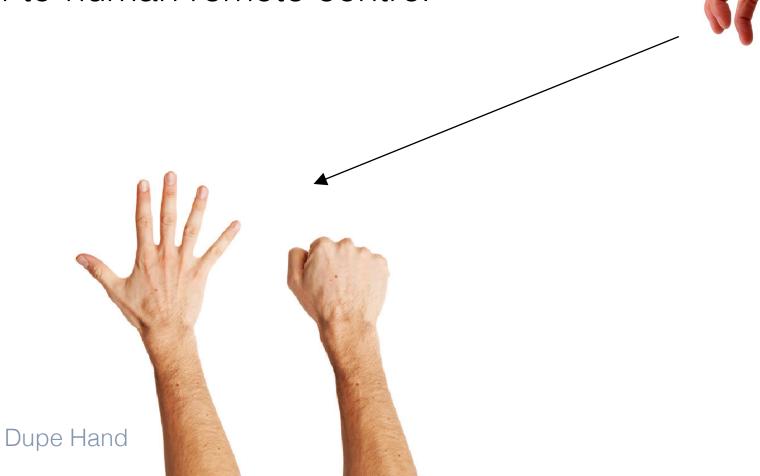
Electric stimulus to face using audio -> electrical signals



Concept

Human-to-human remote control





Theory





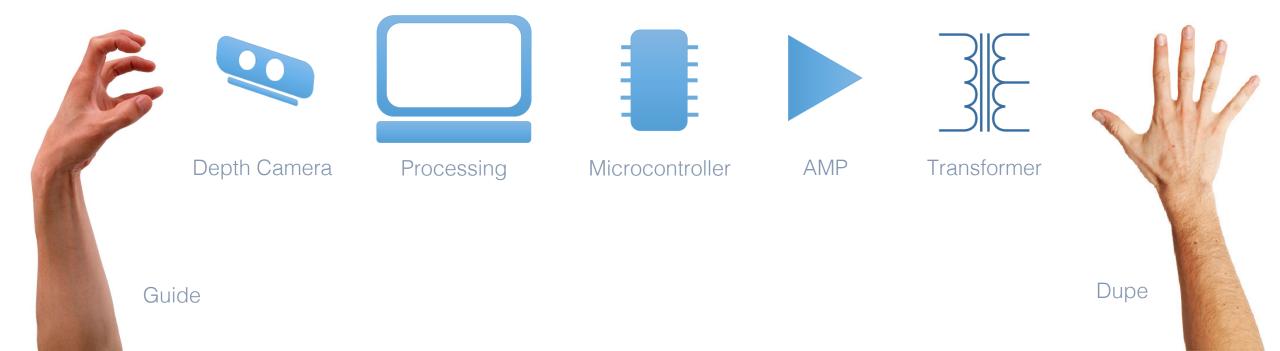
- Hand is detected using CV techniques and depth sensing camera
- Grasp intensity is detected and sent digitally to a micro-controller

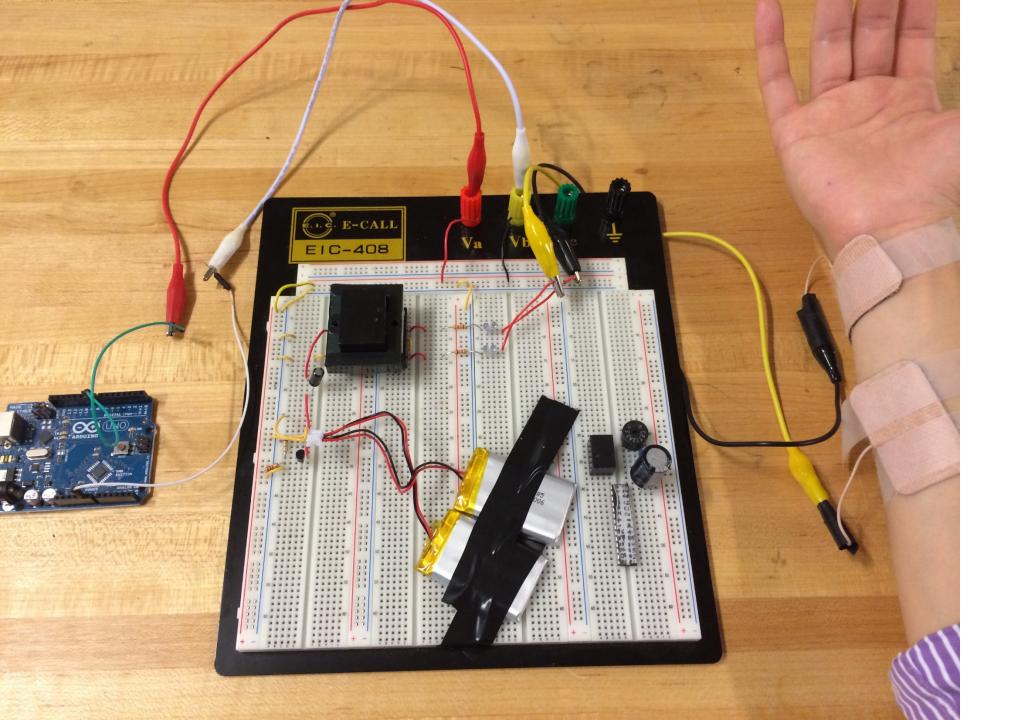


Dupe

- Electrodes attached along grasping muscles
- Grasping is actuated via FES connected to output of microcontroller

Implementation





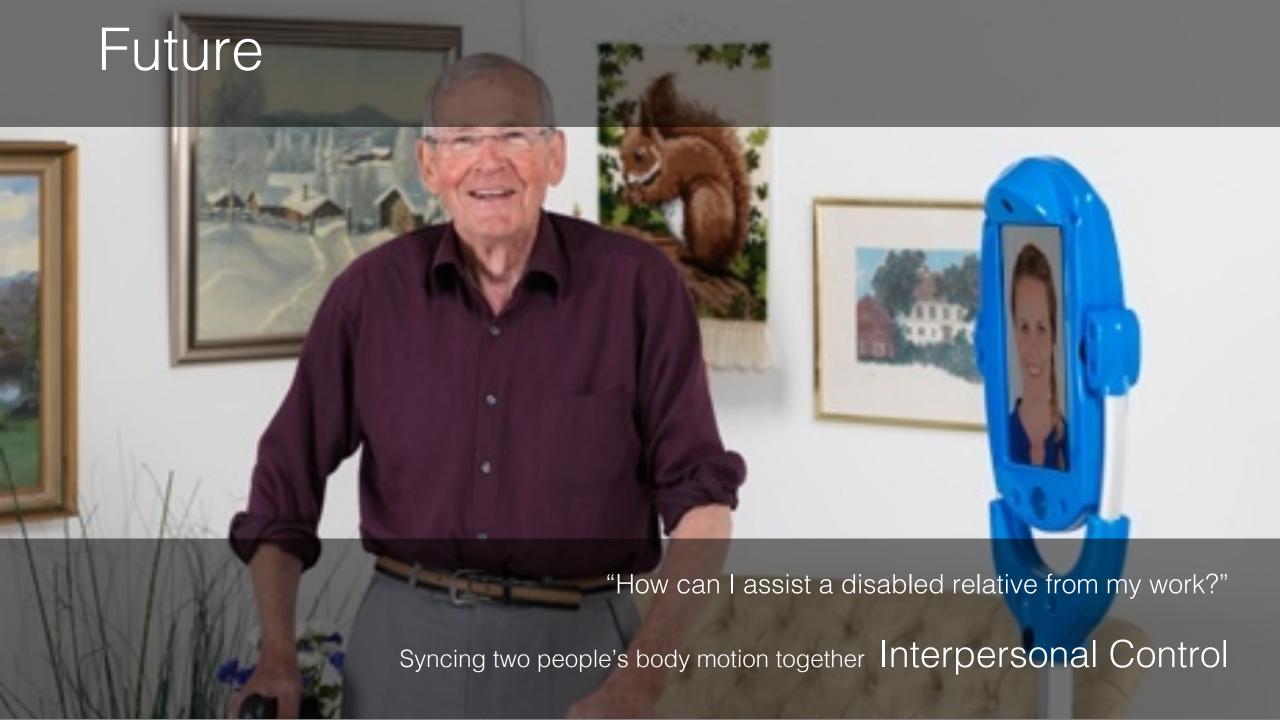
Final Circuit

Demo

Future







Future



Syncing two people's body motion together Interpersonal Control



THANKS limb in motion by others

