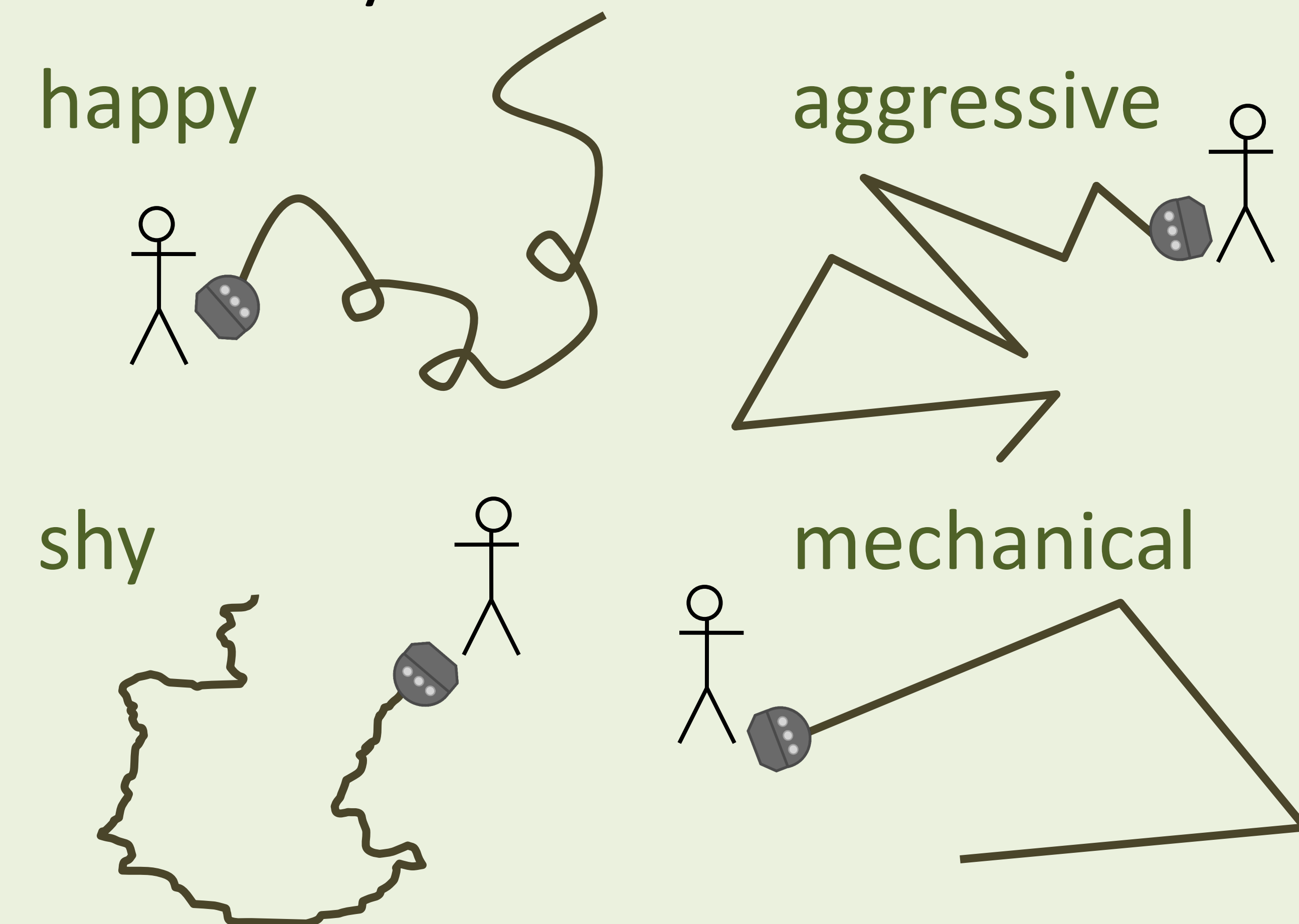


Showing Robots how to Follow People Using a Broomstick Interface

Style by Demonstration

in what style should a robot move?



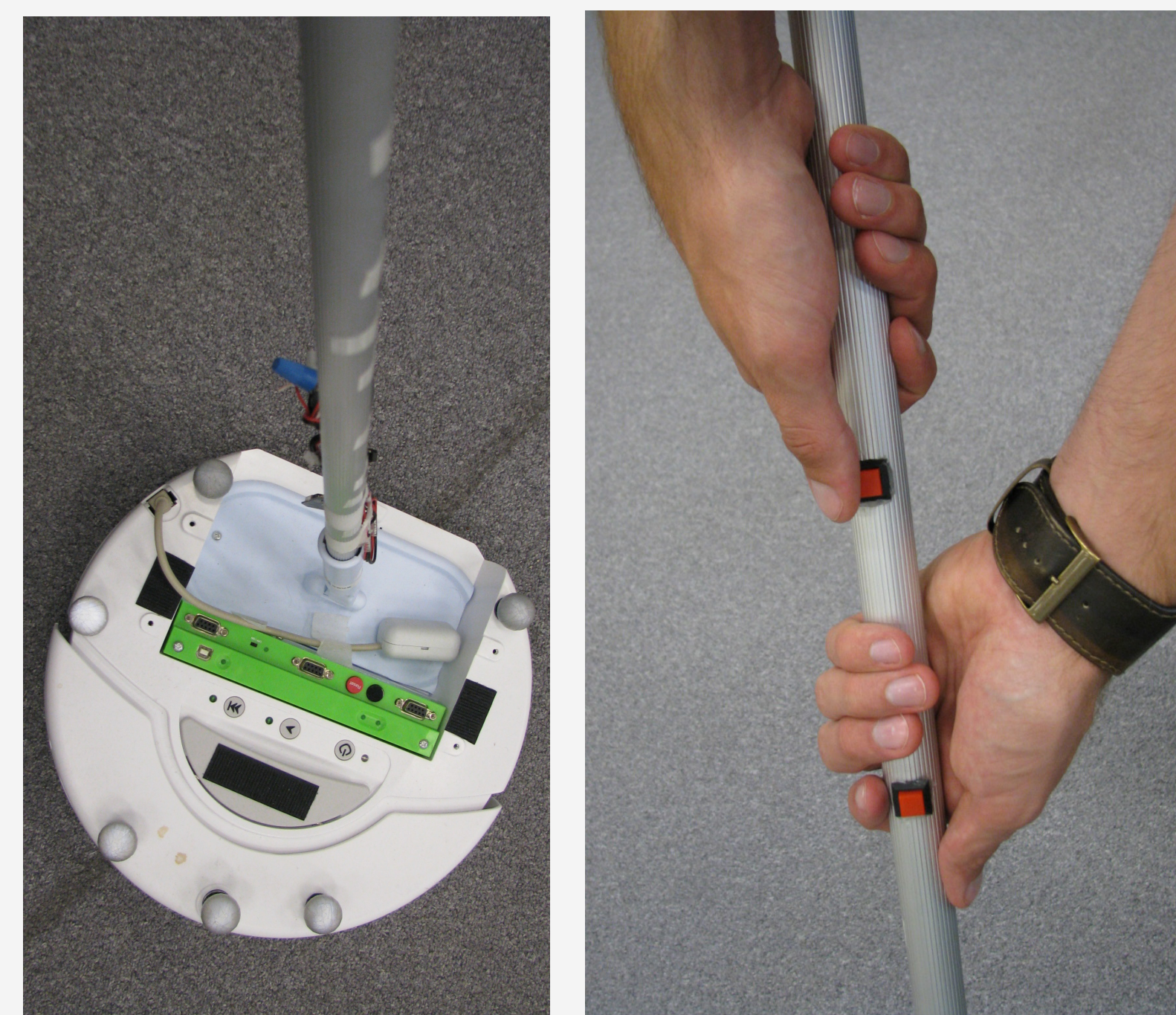
style is a communication medium
difficult to explain, easy to show

Tangible Interface

broomstick interface

enforces robot's
movement restrictions

natural and familiar



Procedure

- ① demonstrate following style to robot
- ② robot follows people in real-time, mimicking demonstrated style

Demonstration



Generation



Implementation



Puppet Master programming
by demonstration

<1min training, instant results

Vicon real-time tracking

iRobot Roombas

