

Interactive Event: A DIY Pressure Sensitive Chair for Intelligent Tutoring Systems

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Overview



- Show the two Wii Fits acting as seat and back rests

Mechanics

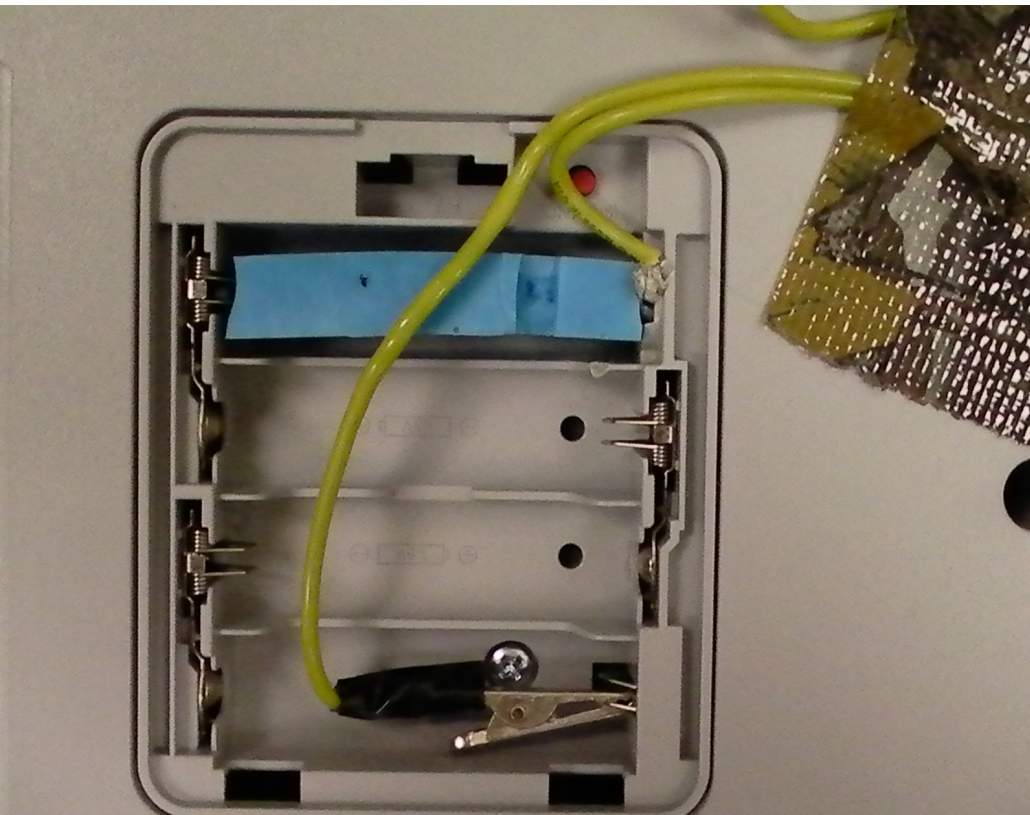


- Demonstrate that the sensors are actually in the foot pads of the boards, which constrains the shape and materials of the supporting chair

Demo bluetooth association

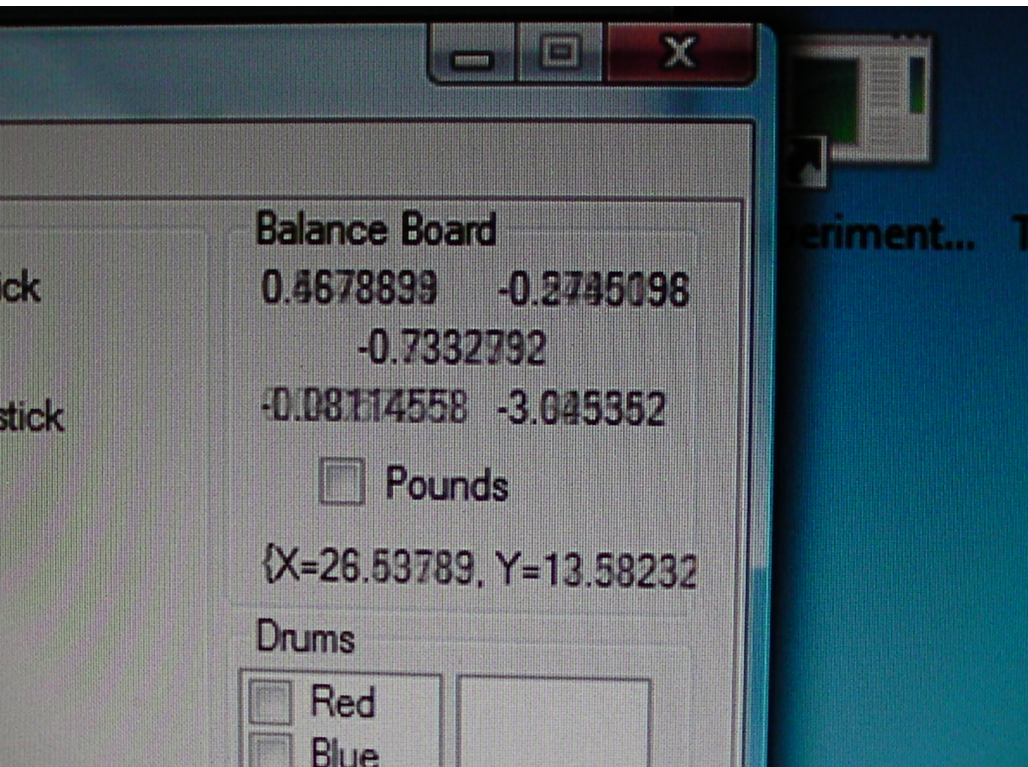
- Bluetooth association is the most difficult aspect of the device. It can take repeated tries over a minute to accomplish
- However, once associated, the connection is extremely reliable
- This demonstration will involved manipulation of the windows control panel over several screens (see youtube video)

AC adapter demo



- Because association is hard, it is advisable to solder a 1000ma AC adapter to the board

Data Display



Let participant sit in chair and see real time posture measurement displayed on screen

Questions?