2leggedRobot

In collaboration with Prof. Dr.-Ing. Gerald Schuller we are trying to help with his two-legged robot.

https://github.com/TUIlmenauAMS/2-Legged-Robots

image010.png

2legged_robot_01.blend

We are working on pressure sensors for the feet.

image007.png

We wanted to try a material from Junior-Prof. Hongye Sun as a pressure sensor, but unfortunately the long-term signal repeatability does not seem to be consistent enough. We will continue to work with her and her team to hopefully improve the results.

IMG_20250623_160308.jpg

After cleanup

IMG_20250623_153832.jpg

labeling the wires

hotglue leftovers

IMG_20250623_150600.jpg

original situation

cleaning connectors

IMG_20250623_154859.jpg

hotglue / solder - mess

Name	link	Datasheet

Analog read with digital pin:

https://www.raspberrypi-spy.co.uk/2012/08/reading-analogue-sensors-with-one-gpio-pin/

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