

Figure 1: Velocity (m/s) vs. Time (seconds) prior to device

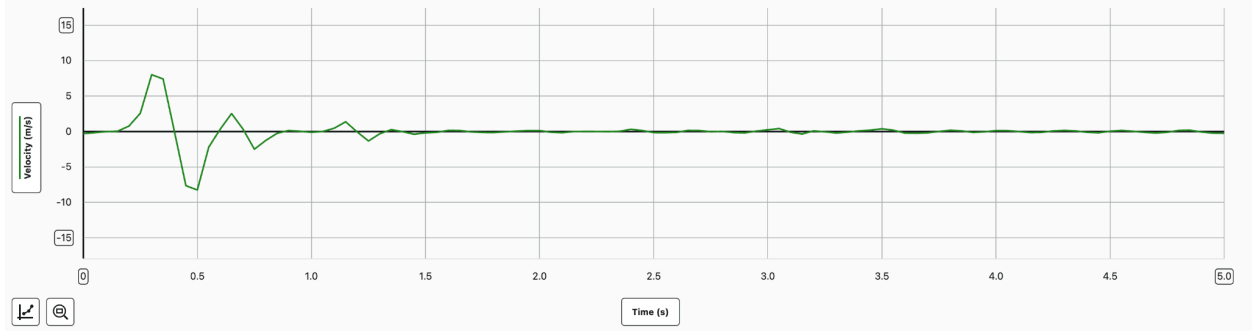


Figure 2: Velocity (m/s) vs. Time (seconds) after device

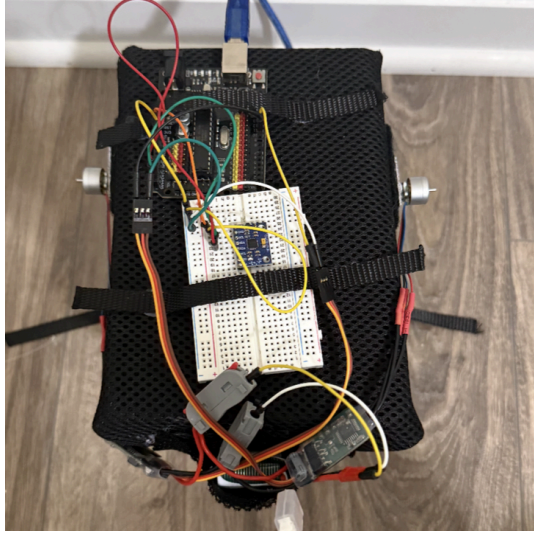


Figure 3: Bird's-eye view of device on mass-spring system

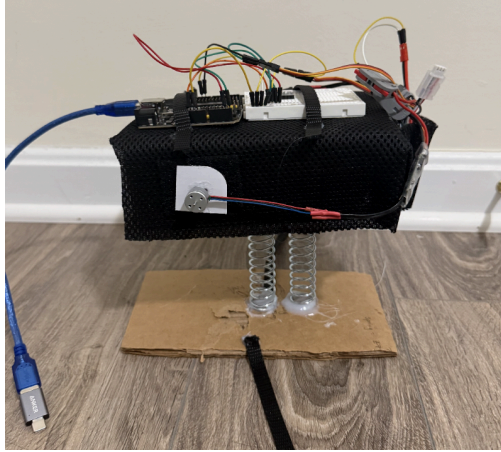


Figure 4: Side view of device on mass-spring system



Figure 7: A visual image of the wearable bodysuit on a cat-like model