Fabs:

<https://www.tutorialspoint.com/c_standard_library/c_function_fabs.htm>

GyroScope:  
<https://tutorials-raspberrypi.com/measuring-rotation-and-acceleration-raspberry-pi/>

<https://www.raspberrypistarterkits.com/guide/raspberry-pi-accelerometer-gyroscope/>

<https://www.electronicwings.com/raspberry-pi/mpu6050-accelerometergyroscope-interfacing-with-raspberry-pi>

<https://www.electronicwings.com/sensors-modules/mpu6050-gyroscope-accelerometer-temperature-sensor-module>

Autorun Pi Programs:

<https://stackoverflow.com/questions/18197252/auto-running-a-c-program-on-raspberry-pi>

<https://raspberrypi.stackexchange.com/questions/8734/execute-script-on-start-up>

<https://www.stuffaboutcode.com/2012/06/raspberry-pi-run-program-at-start-up.html>

Current devices:

<https://turbomedorthotics.com/> Advanced orthotic

Papers:

<https://clinicaltrials.gov/ct2/show/NCT03556709> Clinical trial for the future

<https://www.cmu.edu/news/stories/archives/2014/january/jan20_anklefootrehab.html> More advanced robot

Gyroscope used: <https://www.amazon.co.uk/gp/product/B00PIMRJX6/ref=oh_aui_detailpage_o03_s00?ie=UTF8&psc=1>