

Homework (due 10/23)

Inertial navigation

- By integrating the acceleration twice, it is (in principle) possible to determine the change in position of an object initially at rest. Code up, to run on your Arduino, an algorithm that will sample the LSM9DS1 acceleration at a high rate, determine the time interval between measurements, and figure out how much it has moved during the course of a few seconds of being pushed along a *single horizontal axis*.