Cody Frisby

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Lab 01

1. A big fat newborn baby would be around 50 N on earth.
2. So that x\_0 is 0 and our calculations can start from zero. It’s also important to check that the sensor is stable, or at least how stable they are.

Here is our calibration curve for k. K appears to be 8.2.

Here is our data for the plot below.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0.5 | 6.3 | 0.2 | 11 | 2 |  |  |  |
| **A** | **K** | **m** | **B** | **C** |  | **error=** | 0.231707 |

Activity 3:

Velocity/position calculation got jacked up. (see below). We are not sure why.