Altimeter module

<https://www.parallax.com/product/altimeter-module-ms5607/>

this sensor has the resolution of 20 cm => the results: 0.2, 0.4, 0.6, …

* Simulate this thing by round the altitude before using it to calculate the velocity

Procedure of simulating real altitude data written from sensor

1. Take the altitude data out from the odeint (). This is the “true” value of the altitude
2. Add Gaussian noise to this value, demonstrating random noise in the instruments
3. Round this value, demonstrating the resolution of the sensor.

How does this thing work?

It measures the statis pressure => map it into altitude