

## **CHAPTER 5.2: SPST**

Main code to run is MAIN\_SIM\_original.m  
It is a modified code from Mohamed's simulation

It will validate the bias and scale factor based on SPST formulas. For comparison, the results are extracted from workspace after running the main code:

### **SIMULATION VALUES**

bias\_acc & SF\_acc - accelerometer bias and scale factor respectively  
bias\_gyr & SF\_gyr - gyroscope bias and scale factor respectively

### **SPST VALUES - simulation structure array**

b\_acc & sf\_acc - accelerometer bias and scale factor respectively  
b\_gyro & sf\_gyro - gyroscope bias and scale factor respectively