Content

The following list shows a brief description of all files.

- **continuos_model.slx**: simulink model.

- **cproj.m**: Function used by *Proj.m*.

- **generator_of_imu.slx**: Computes *specific forces* and *angular velocities* data and loads them in *MYACC.mat* and *MYGYRO.mat*.

- **generator_of_pseudorange.slx**: Computes the trajectory, in NED frame, and loads it in *MYNAV.mat*.

- **MYACC.mat**: Contains *specific forces* formatted data.

- **MYGYRO.mat**: Contains *angular velocities* formatted data.

- **MYNAV.mat**: Contains *positions* formatted data.

- **pa.m**: Computes the *skew − symmetric part* of a matrix.

- **Proj.m**: Parameter projection which ensures that $\|\hat{b}\|_2 \leq M_{\hat{b}}$.

- **sat.m**: Element wise saturation.

- **skew.m**: Computes the *skew − symmetric* matrix.

- **vexfunc.m**: Computes $vex(S(x)) = x$.