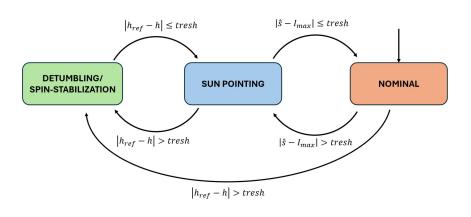
GNC Quad Chart

November 13 2024



Blockers: None

Progress:

Simulation:

- C++ sim integrated into FSW (some minor changes pending)
- OD: vision model running*, working on integrating Vinsat image generation
- Sensor models added to C++ sim

Mode management:

Argus-1 GNC MM draft

Attitude EKF:

- Preliminary results, need to do much more analysis.

Plan for the Upcoming Week:

- 1. Supporting parameter dispersion for MC analysis into C++ sim
- 2. Implement magnetorquer controllers and begin rudimentary hardware testing

Interfaces:

- Vision:
 - Difficulty running region classifier model
 - Motion blur angular velocity threshold

Kanban

