

901405 - Wave Energy Buoy

Week 10

1. Rob McEwen
 - a. Recomputed the added mass moments of inertia for the three components to be about the center of mass. It turns out that this is what Gazebo needs.
 - b. Updated the document, theory.md, and the Matlab code.
 - c. Pushed these into my branch and issued a pull request.

Week 9

1. Rob McEwen
 - a. May need to translate inertias or added inertias to the center of mass. Meeting later today.

Week 6

1. Rob McEwen
 - a. Recomputed added masses and stability derivatives to refer to their attachment points, as required by the buoy simulation. These computations are preserved in Matlab code.
 - b. Updated the mkdol/Latex document accordingly.
 - c. Pushed it and the Matlab code into the Git repository.

Week 5

1. Rob McEwen
 - a. Working on Matlab code that estimates drag and added masses for the buoy, PTO, and Heave Cone.
 - b. This code outputs the parameters in ASCII with embedded Latex symbols, ready for input to the .md file on Github.