SpaceFlight Mechanics and Controls

A Brief Textbook Presented to the
Student Body of the University of South Alabama

Last Update: December 21, 2021

This textbook has been deprecated and moved into Aerospace Mechanics and Controls `https://github.com/cmontalvo251/LaTeX/tree/master/Aerospace_Mechanics`

Manuscript Changes

1. June 10th, 2020 - Magnetic Field Model section updated to reflect the difference between the East North Vertical and the North East Down reference frames. The Figure showing the magnetic field for an example Low Earth Orbit has also been update. Also added this page for manuscript changes and the following pages that list where this file can be found.
2. December 10th, 2020 - Moved to public Github Repo separate from MATLAB
3. December 30th, 2020 - Moved papers.bib to parent directory
4. December 21st, 2021 - Deprecated paper and imported into Aerospace mechanics