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CTU Diploma Project Review
Kiruna, May 29 2017

CTU Diploma Project review- 2nd reviewer's evaluation of master thesis with title "Design and simulation of satellite attitude stabilization control laws " by Space Master student Sharatkumaar Mohanasundaram.

I find that the goal of the thesis project fulfils the requirements of a master thesis in space technology. The work concerns development of a set of advanced control design tools and simulation scenarios related to control of spacecrafts. The simulation tool should be accompanied with a comprehensible documentation/manual.

The bulk part of the thesis, chapters 2-8, is word by word (cited) copied from Arthur E. Bryson, Jr. "Control of spacecraft and Aircraft", Princeton University Press (ref. [4] in thesis). This includes almost the complete text, the equations, figure caption and all drawings. The student has taken the book examples and changed some parameters slightly, thereby getting figures similar to the figures for the examples in the book, the figure caption is copied from Bryson. The only work done by the student is to set up MATLAB matrix operations from the equations given in the book and plotting the figures.

There are some minor parts that are not copied from Bryson, but I have also here found parts cited more or less word by word from other sources.

Since the thesis is plagiarized the suggested grade is fail F.

This review serves solely for the purposes of the diploma project defense at CTU. LTU official evaluation for the SpaceMaster double degree will follow the thesis defense and may differ from this review report and suggested grade.

Dr. Anita Enmark
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