SFWR ENG/TRON 3DX4 Assignment 2

Due: 17:30 Thursday Feb. 27, 2014

Written Exercises

All assignments are to be done individually. If you are asked to use matlab in this or future assignments, you must always include a printout of the matlab commands used to get the result, and a printout of matlab's response.

If you have a version of the text other than North American 6th edition, be aware that question numbering and wording in your version may not match.

Complete the following questions from Nise:

Chapter 2:

Problems: # 31 (hint: assume that you have a point mass at θ_2 with zero moment of inertia), 42, 50.a.

Chapter 5:

Problems: #3 (hint: split G_3 into two separate blocks (on different lines), one going only to upper sum joint, one going only to lower one).

Chapter 3:

Problems: #1, 5