

Extra Credit Assignment 3

Using the computers in MEC 408 (or your own software package of Mathematica), use Mathematica to work through:

- From “Chapter 0” of the book “A Mathematica Companion for Differential Equations” by Selwyn Hollis (Prentice Hall, 2003), [ISBN: 0-13-046329-9] provided in class.
 - Follow the directions to use *Mathematica* as a Word processor on page 10-11 and do so as you carry out the following:
 - Do the examples in Chapter 0.5 *Lists* starting on page 15-25.
 - Do the examples in Chapter 0.6 *Rules* on pages 26-17.
 - Using your newly gained knowledge from the examples you just did AND the posted pdf file for extra credit 3 called “*Rules & Sys of Equations Example*”, write a brief program to extract a solution from a function that you’ve defined.

Worth 3 to 5 points towards Problem Set 3. Depends on grader.