

Homework #9
Engineering 0711 - Fall 2009

Due: Tuesday, October 13

Do problem 1 at the end of section 4.15 of the text book. In the problem description when it says have an m-file do this or that, it is understood that this implies that all the additional m-files are function calls. That is they all, except for the main, should have the “function” command on the first line in the m-file.

Deliverable:

Each group should turn in a disk with the data sets, the plots, the Matlab scripts.

Note: Your script must have a header section in comments that identifies:

Team members

Engineering 0012 M,W 00:00-00:00

Instructor:

Date:

Assignment number (i.e., Homework 9)

Statement of the purpose of script

Throughout the script use comments to define the purpose of every variable.

Also, you will be graded on programming style. Use whitespace, comments, indenting, etc.

Hint:

This is going to be a very long program. Layout the logic before you start, and built the program in sections. Do you have existing programs that you can reuse? Make sure each section works before you go onto the next step. If you design your script by following the numbered list above you might find it helpful. Have fun!!!