

Homework and Lab for Chapter 5

The purpose of this lab is to familiarize yourselves with Matlab again, and to get some experience finding the line of best fit for some different data sets.

The full Homework Set:

1. Chapter 5 exercise 5.1
2. Chapter 5 exercise 5.3
3. Do the best fitting curve for the enzyme data.
4. Do the best fitting curve for the population data.
5. Do the cubic splines for the “unknown” handwriting sample.

TODAY: We'll work on putting together some sample script files. We'll actually have two scripts for each data set- One script for preprocessing, and the second script for postprocessing.

A script file is simply a text file with Matlab commands. Always save these files with a .m file extension.

You can download all the data from the class website at:

<http://people.whitman.edu/~hundredr/courses/M250.html>

(You might want to bookmark this site for later)