

Laboratory #2

Issued: Aug. 24, 2009

Due: (Section A) Aug. 31, (B) Sept.. 1, (C) Sept. 2.

This lab explains the basics of MATLAB and using MATLAB to solve simple mathematical expressions and basic operations involved in working with vectors and matrices.

Reading

All reading and problems for the laboratory come from *MATLAB: An Introduction with Applications* by A. Gilat

- Chapter 1 Starting with MATLAB
- Do tutorials 1-1, 1-2 and sample problem 1-1.
- Chapter 2: Creating Arrays
- Do tutorials 2-1 and 2-3 and sample problems 2-2, 2-3.

You do not have to submit solutions for the sample problems, it is for your practice.

Notes

Pre-lab problems are due at the beginning of lab; regular problems are due at the end of lab but should be worked on before lab. If you need assistance with pre-lab problems, please contact teaching assistants or Prof. De Leon during office hours or by email.

Your solution to the lab should be a printout of the command you typed in or script and the answer or plot returned from MATLAB.

Pre-Lab Problems

Chapter 1: 3, 4a, 7b, 13

Chapter 2: 3, 18, 19

Regular Problems

Chapter 1: 22, 23

Chapter 2: 12, 14, 17