

MATH 226

Differential Equations

Assignment 11

Due Friday, March 28

Read Section 3.6: “A Brief Introduction to Nonlinear Systems” and Section 6.1: “Definitions and Examples” of Chapter 6: *Systems of First Order Linear Equations*

Problems

Maple or *MATLAB* will be useful for parts of the starred problems.

3.4 Complex Eigenvalues

Practice Problems: 1*, 3*, 5*, 8*, 13*, 15*

Feedback Problems: 5*, 8*, 15*

