MATH 226

Differential Equations

Assignment 12

Due Monday, March 31

Read Section 6.2: "Basic Theory of First Order Linear Systems" of Chapter 6: *Systems of First Order Linear Equations*

Problems

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

3.5 Repeated Eigenvalues

Practice Problems: 1*, 3*, 5*, 7*,9*

Feedback Problems: 3*, 7*