

MATH 226

Differential Equations

Assignment 10

Due Monday, March 24

Read Section 3.5: “Repeated Eigenvalues”

Problems

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

3.3 Homogeneous Linear Systems with Constant Coefficients

Practice Problems: 1*, 5*, 6*, 10*, 15*, 17, 18, 34

Feedback Problems: 6*, 15*, 18, 34