

MATH 226

Differential Equations

Assignment 9

Due Friday, March 13

Read Section 3.4: “Complex Eigenvalues”

Problems

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

3.2 Systems of Two First Order Linear Differential Equations

Practice Problems: 1, 3, 5, 7, 9*, 11*, 15*, 19*, 21, 25, 26, 30*

Feedback Problems: 11*, 15*, 26, 30*