MATH 226

Differential Equations

Assignment 6

Due Monday, March 3

Read Section 3.1: "Systems of Two Linear Algebraic Equations" and Appendix A "Matrices and Linear Algebra" and continue to work through the3MATLAB tutorials.

Problems

2.4 Differences Between Linear and Nonlinear Equations

Practice Problems 2.4: 1, 2, 4, 5, 7, 8, 14, 15, 16, 19*, 21*, 25, 27

Feedback Problems 2.4: 14, 16, 27

2.5 Autonomous Equations and Population Dynamics

Practice Problems 2.5: 2, 3, 6, 9, 10

Feedback Problems 2.5: 3, 6, 10