
Differential Equations

Math 341 Fall 2009
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Fowler 110 MWF 2:30pm - 3:25pm
<http://faculty.oxy.edu/ron/math/341/09/>

Week 7

Monday October 12 : *Worksheet 14*

Review for Exam #1 We'll review the material from the first two chapters of the book.

Reading:

Blanchard, Chapter 2

Homework #14:

Blanchard, Chapter 2 Review: 2, 10, 11, 13, 14, 19, 20, 28, 30.

Wednesday October 14 : *EXAM #1*

First Order DEs and First-Order Systems. The first exam is on the material in the first two chapters of Blanchard, Devaney & Hall.

Reading:

Blanchard, Chapter 1 and Chapter 2

Friday October 16 : *Worksheet 15*

Linear System of ODEs. Yay, matrices are back. We will begin to analyze systems for ODEs which have the form $\frac{d\vec{x}}{dt} = A\vec{x}$. There are some very cool ideas in this chapter!

Reading:

Blanchard, 3.1

Homework #15:

Blanchard, Section 3.1: 7, 8, 14, 15.