
Differential Equations

Math 341 Fall 2008
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Fowler 307 MWF 2:30pm - 3:25pm
<http://faculty.oxy.edu/ron/math/341/08/>

Week 11

Monday November 3 : *Worksheet 26*

Dissipative Systems. We shall continue our analysis of non-linear systems by introducing the concept of a Lyapunov function.

Reading:

Blanchard, Section 5.4

Homework #25:

Blanchard, Section 5.4: 2, 13, 14, 16, 17, 19.

Quiz:

Take-Home Quiz #6 **DUE**.

Wednesday November 5 : *Worksheet 27*

Exam 2 Review. We shall review material from Chapter 3 (3.1-3.7) and Chapter 5 (5.1-5.3).

Reading:

Blanchard, 3.1-3.7, 5.1-5.3

Homework #26:

Blanchard, Chapter 5 Review: 3, 4, 5, 6, 7, 8, 11, 12, 25, 27, 28.

Friday November 7 : *EXAM 2*

Exam 2.