

Math 325  
Spring, 2000

ASSIGNMENT 10, due Friday, April 28

Read sections 6.3-6.6 (and 6.1-6.2 if you have not already read them) in Boyce and Di Prima and Chapter 11 in *Differential Equations with Maple*.

Do p. 294 #5,10,15,21,23, p. 303 #14-16,21, p. 311 #1-3,7,8,10,16-18, p. 318 #6,8, p. 324 #5-7, p. 330 #4,8.

Do Problem Set E #10-13, 15.

For the problems in Problem Set E, you may work in groups, following the same rules as for Assignment 2. If you do, turn these problems in separately from the problems in Boyce and DiPrima. Make sure to put the names of all members of the group on this part of the assignment.

Bonus problems, due Monday, May 1: p. 330 #1-3.

FINAL EXAM

The final exam will have a take home problem which will be handed out in class on Monday, May 1, and will be due at the time of the final exam (Tuesday, May 9, 4:15 p.m.) You may bring a summary (two sides of an  $8\frac{1}{2}'' \times 11''$  sheet of paper, with notes in your writing) to the final exam.