

Math 325
Spring, 2001

ASSIGNMENT 10, due Friday, April 27

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. 298 #5,10,15,21,23, p. 307 #14-16,21, p. 314 #1-3,7,8,10,16-18, p. 322 #6,8, p. 328 #5-7, p. 335 #4,8.

If I do not get far enough by the end of class Wednesday, you will not have to turn in the problems from sections I haven't yet covered. You should still do the problems, even though I won't collect them, because it's important material which I will expect you to know.

Do Problem Set E #10-14

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, April 30: p. 335 #1-3.

FINAL EXAM

The final exam will have a take home problem which will be posted on the course web site before class on Monday, April 30, and will be due at the time of the final exam (Wednesday, 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.