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Updated 5/8/03

22M:041, Sec. 132: Assignments so far and announcements
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1. 1/21, due 1/23: p.8 #1,2,11,14,21,22: just draw the direction fields.
   (Don't worry about behavior of solutions as t goes to infinity, etc.)
2. 1/23, due 1/28: p.14 #1,6,7,8,12,13; p.57 #6,7,9,10,18
3. 1/28, due 1/30: p.45 #1,2,13,14,25; p.38 #1,2
4. 1/30, due 2/4: p.38 #8,18,19; p.72 #28,29
5. 2/4, due 2/6: p.84 #15,22b; p.136 #29,30,31
6. 2/6, due 2/11: p.136 #34,35,36,38,41

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## 2/11: Computer assignment 1 handed out in class, due 2/18 ##
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7. 2/11, due 2/13: p.57 #21a,22a,23a,24a,29,30
8. 2/13, due 2/18: p.197, setup only on #5,7,8,11,12
9. 2/18, due 2/25:
             ==== <== Note the due date
                  1. Find the general solution of y''+6y'+25y=0
                  2. Find the general solution of y''+4y'+4y=0
                  3. Find the general solution of y''+8y'+7y=0
                  4. Solve the initial value problem
                     y''+8y'+25y=0, y(0)=0, y'(0)=1
                  5. Solve the initial value problem
                     y''+9y=0, y(0)=1, y'(0)=0

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oo Wednesday, Feb. 19, 8:00-9:00 PM: Optional review session, room 113 MLH oo
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** Exam 1: Thursday, Feb. 20 in class **
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    2/25: No new assignment
10. 2/27, due 3/4: In #1-3 following, find the general solution.  In #4,5, solve
                   the initial value problem:
                   1. y''+4y=5cos(3t)
                   2. y''+4y'+3y=e^{-2t}+1
                   3. y''+4y'+4y=sin(2t)
                   4. y''+2y'+5y=e^{-4t}sin(5t), y(0)=0, y'(0)=1
                   5. y''+y=1+e^{-t}+e^{-2t}, y(0)=0, y'(0)=0

11. 3/4, due 3/6: 1. Find the general solution of y''+2y'+5y=(t^3+2t)e^{-4t}.
                  2. Find the general solution of y''+5y'+6y=e^{-t}+e^{-2t}+e^{-3t}+e^{-4t}.
                  3. Solve the initial value problem y''+4y'+5y=t^2e^{-t}, y(0)=y'(0)=0.

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## 3/6: Computer assignment 2 handed out in class, due 4/1 ##
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12. 3/6, due 3/13: An assignment was handed out in class and
             ====  is posted on the course Web page.
             ====  <-- Note the due date (3/13 instead of 3/11).
    3/11: No new assignment
    3/13: No new assignment
13. 3/25, due 3/27: p.197 #5,19; p.205 #5,7a
14. 3/27, due 4/1: p.205 #7bc,6,8
15. 4/1, due 4/8: p.298 #5; p.307 #11,12
             === <-- Note the due date

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oo Wednesday, Apr. 2, 8:00-9:00 PM: Optional review session, room 214 MLH oo
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** Exam 2: Thursday, Apr. 3 in class **
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    4/8: No new assignment

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@@ Thurs. Apr. 10: Quiz (last 20 min. of class) with score to replace green @@
@@ sheet score on exam 2.  See Practice Quiz at course Web site.            @@
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