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## Assignment 3, MATH 2066, Differential Equations

### Due: Friday, October 22, 2010, 11:30 am in lockerette

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**Assignment format** Include a title page on your assignment with name, course code, assignment number and date. Put your student number on the last page of your assignment, not on the title page. Staple pages in upper left corner. Do not submit assignments in folders or binders.

**Assignment submission** Submit your assignment in the appropriate lockerette outside the Mathematics and Computer Science area (near double doors , see list of courses on wall).

#### Chapter 4

- Exercises 4.2 (page 132) Problems    1\*    2\*    4\*    19
- Exercises 4.3 (page 138) Problems    2    5    11    13    16    19    29
- Exercises 4.4 (page 148) Problems    1    5    13    29
- Exercises 4.6 (page 161) Problems    1    10

**Note** Not all questions will be marked.

**Note** For the three problems with an asterisk do not use the general formula (5) on page 132. Instead do them like Example 1 on Page 131 using reduction of order.