

**Math 23 - Fall 2013**  
**Homework 6**  
Due Wednesday, 30 Oct. 2013.

**Note:**

- Except for problems that are stated explicitly, all problems are from Boyce and DiPrima 9th Edition.
- Please show all of your work (writing a list of answers is not sufficient).
- Please indicate the people you worked with.
- Please staple your page together.
- 10 problems will be graded (2 points each).
- Hand in a separate write-up for each part.

- **Part A**

1. Section 7.1: #1, #2, #3, #4
2. Section 7.4: #2(a),(b),(c)
3. Section 7.2: #1, #2, #10, #11

- **Part B**

1. Section 7.2: #12 (find determinant), #13 (find determinant), #14 (find determinant), #15 (find determinant), #22, #23
2. Section 7.5: #1(a), #5(a), #9, #11

- **Part C**

1. Section 7.3: #16, #17, #18, #19, #22, #23
2. Section 7.6: #1(a), #2(a), #3(a), #8