HW5, due October 28th at the beginning of class.

Collaboration, as well as using other sources such as the Web, are not allowed. What you submit should be entirely from your own work.

1. Section 7.6, Problem 6, page 215 in the textbook. (10 points)
2. Section 7.6, Problem 7, page 215 in the textbook. (5 points)
3. Section 7.6, Problem 9, page 216 in the textbook. (10 points)
4. Section 7.6, Problem 11, page 216 in the textbook. (5 points)
5. Section 8.8, Problem 1, page 239 in the textbook. (5 points)
6. Section 8.8, Problem 3, page 239 in the textbook. (5 points)
7. (For graduate students only) Section 7.6, Problem 12, page 216 in the textbook. (15 points)