Reading: Sections 3.10 and 4.1-4.2 of the Book. Attempt all problems below. I will choose and grade three of them. Homework 6 is due Wednesday, October 28, at the beginning of class.

Problem 1. [10pts] Section 3.10, Ex. 20.
Problem 2. [10pts] Section 3.10, Ex. 27.
Problem 3. [10pts] Section 4.1, Ex. 22.
Problem 4. [10pts] Section 4.1, Ex. 52.
Problem 5. [10pts] Section 4.2, Ex. 8.