Problem Set #4

As indicated on the course syllabus, this problem set is due at the beginning of your recitation section on Friday, March 23. There are four questions on the homework worth a total of 100 points. The points assigned to each part of each question are indicated in brackets.

Exercise #1. [25 pts.] Do Problem 18.0 in the Workouts book. Do not hand in the sheets from the Workouts book; write your answers instead on a separate sheet to be handed in. Be sure to show your work. Notice that the exercise has two parts (pages 226-228).

Exercise #2. [25 pts.] Do Problem 18.4 in the Workouts book. Do not hand in the sheets from the Workouts book; write your answers instead on a separate sheet to be handed in. Be sure to show your work.

Exercise #3. [25 pts.] Do Problem 19.2 in the Workouts book. Do not hand in the sheets from the Workouts book; write your answers instead on a separate sheet to be handed in. Be sure to show your work.

Exercise #4. [25 pts.] Do Problem 19.9, questions (a), (c), (d), and (e), in the Workouts book. Do not hand in the sheets from the Workouts book; write your answers instead on a separate sheet to be handed in. Be sure to show your work.