

## Homework #10

**Name:** \_\_\_\_\_

**StudentID:** \_\_\_\_\_

**Major:** \_\_\_\_\_

Justify your solutions and show all your steps. Write down formulae used. The first two problems are taken from Section 11.3, the second two from Section 11.4 and the last two from Section 11.5.

- 11.3 Number 50.
- 11.3 Number 51.
- 11.4 Number 11.
- 11.4 Number 33.
- 11.5 Numbers 1-3.
- 11.5 Number 9.