

**Physics 202**  
**Homework assignment #7**  
**Due Tuesday, March 4<sup>th</sup>**

**From the text (Serway and Jewett)**

**Reading:**

Read all of Chapter 25 but concentrate on sections 25.1 through 25.4. Sections 25.1 and 25.4 are conceptually difficult and very important. Read them, think about them, and try to understand them.

**Problems:**

*Notice: for all problems and questions, your textbook **defines** the electric potential to be zero infinitely far from other electric charges.*

**Chapter 25:** (Questions start on page 786, problems start on page 787)

**Questions: #1, 2, 5, 6, 8 (think about #8)**

**Problems: #1, 3 (no friction), 5, 7, 9, 17, 19, 37**