

### **PHY 212 Third week assignment:**

**Reading:** Study sections 16.11 through 16.14 as well as 17.1 of Reese. In section 16.11 the author first reviews Gauss's law for the gravitational field. Don't worry about this if you haven't seen it before.

**Tues, Sept 11:** Mostly on Gauss's law.

Homework problems to be handed in at the beginning of the Workshop on Wed, Sept 12: problems 61, 68 and 71 of chapter 16.

**Wed, Sept 12:** In this workshop consider questions 39 and 40 on page 753 of Reese. Also work on problems 66, 70 and 73 of chapter 16.

**Thurs, Sept 13:** Lecture in Stolkin.

Homework problems to be handed in at the beginning of the Workshop on Fri, Sept 14: Problems 74 and 76 of chapter 16 and problem 1 of chapter 17.

**Fri, Sept 14:** In this Workshop consider question 45 on page 754. Also work on problems 75 and 77 of chapter 16 as well as problem 4 of chapter 17.