

Physics 211

Elementary Physics

Fall 2012

Instructor: Dr. Geoffrey Lovelace
Sections 1 & 70

Lecture 11 — 10/04/12

I. More quantitative second-law problems

- A. Free-body diagrams
- B. Worked example: Atwood machine & ramp

II. Friction

- A. How friction works
- B. Static & kinetic (“sliding”) friction

III. Assignments

- A. Homework #5: due today at 11:59PM
- B. Homework #6: assigned today
- C. Class participation: free-body diagram question
- D. Reading: finish chapter 4, start chapter 5