

Massachusetts Institute of Technology

Physics 8.09 Fall 2006

Homework 6

due Wednesday, October 25, 2006 at 12:30 PM

Suggested Reading

Goldstein Kepler Problem 3.1-3.3

Problems

Problem 6.1 (25 pts)

Goldstein, Chapter 3, Problem 11, page 128.

Problem 6.2 (25 pts)

Goldstein, Chapter 3, Problem 18, page 129.

Problem 6.3 (25 pts)

Goldstein, Chapter 3, Exercise 19, page 129.

Problem 6.4 (25 pts)

Goldstein, Chapter 3, Exercise 21, page 130.