

Massachusetts Institute of Technology

Physics 8.09 Fall 2006

Homework 10

due Wednesday, December 6, 2006 at 12:30 PM

Suggested Reading

Goldstein Sections 1.5, 8.5 and Chapter 13

Problems

Problem 10.1 (25 pts)

Goldstein, Exercise 1, page 598

Problem 10.2 (25 pts)

Goldstein, Exercise 3, page 599

Problem 10.3 (25 pts)

Goldstein, Exercise 4, page 599

Problem 10.4 (25 pts)

Goldstein, Exercise 12, page 600