

Massachusetts Institute of Technology
Physics 8.09 Fall 2006
Homework 3
due Wednesday, September 27, 2006 at 12:30 PM

Suggested Reading

Goldstein Chapter 1.3, 1.4, 2.4, 2.6, 2.7

Problems

Problem 3.1 (20 pts)

Goldstein, Problem 5, Chapter 1, Page 30

Problem 3.2 (20 pts)

Goldstein, Problem 10, Chapter 1, Page 31

Problem 3.3 (20 pts)

Goldstein, Problem 21, Chapter 1, Page 33

Problem 3.4 (20 pts)

Goldstein, Problem 20, Chapter 2, Page 68

Problem 3.5 (20 pts)

Goldstein, Problem 26, Chapter 2, Page 69