

PHYSICS 411-0 CLASSICAL MECHANICS

Ian Low, Winter 2010

Course Webpage: http://www.hep.anl.gov/ian/teaching/CM/CM_Winter10.html

ASSIGNMENT #7

Due at 2 PM, March 12th

Reading Assignments:

Chapter 8 (except Section 8.4) and Sections 9.5, 9.7, and 9.8 of Goldstein's book.

Problem 1

Problem 8.14 in Goldstein's.

Problem 2

Problem 8.23 in Goldstein's.

Problem 3

Problem 8.26 in Goldstein's.

Problem 4

Problem 8.34 in Goldstein's.

Problem 5

Problem 9.28 in Goldstein's.

Problem 6

Problem 9.39 in Goldstein's.