## Phys 503 Classical Mechanics I Homework Assignment #4

Due Tuesday, October 29 (at lecture)

Fall 2013

4.1 (10 points) Goldstein 5.17

(50 points)

 $4.2~(10~{
m points})~{
m Goldstein}~5.4$ 

 $4.3~(10~{
m points})~{
m Goldstein}~5.20$ 

4.4 (10 points) Goldstein 5.11

4.5 (10 points) Challenge problem