

Homework #1

Due Monday 10 September 2001

Reading and problems are taken from R.C. Hibbeler, *Engineering Mechanics Dynamics*, Ninth Edition, Prentice-Hall, 2001.

Reading: Chapter 12

Problems:

1. (10 points) 12-15
2. (10 points) 12-91
3. (10 points) 12-121
4. (10 points) 12-158
5. (10 points) 12-197

Adams Assignment:

(10 points) Complete the brief introduction to Adams available at

<http://www.andrew.cmu.edu/course/24-351/homeworks/hw1/adams/pendulum/pendulum.htm>.

Submit a printout of the graph of the force at the pivot.