PROBLEM SET #1
Assigned Tuesday, February 10, due Friday, February 19 at noon (leave in Perucchio's maibolx, in ME office).

Reading assignment: Chopra 3rd Edition: Ch1 and Ch2:2.1.

Homework Assignment:
Solve the following problems all from Chopra 3rd Edition:

1) Problem 1.4, p. 35, solve (a) with the equation of motion and (b) with the variational approach.
2) Problem 1.6, p. 35, solve (a) with the equation of motion and (b) with the variational approach.
3) Problem 1.7, p. 35, solve (a) with the equation of motion and (b) with the variational approach.
4) Problem 1.12, p. 36.
6) Problem 2.1, p. 61.
7) Problem 2.3, p. 62.

Grading policy: for each problem, not attempted = 0, wrong = 1, essentially right = 2, good = 3.

handed in late: one point deducted per problem

Prof. Renato Perucchio – Hopeman 415 – Office hours: Tuesday 3:30 – 4:30 p.m. and Thursday 10:00-11:00 am, or by appointment.