Problem Set Notes  
Phy 120 - Fall 2000

HW 16

Chapter 7
1-3 rotational table 2.3
4 centripetal force
8 satellite (end of chapter)

Chapter 8
5 center of gravity
6-7 rotational equilibrium

Problem Set (HW 17)
Do one from each topic. If your answer is considered correct within the number of possible tries, you will receive full credit. Please turn in your work by Tuesday a.m., Dec 19 as backup in case of computer failure and in the case of incorrect solutions for partial credit.

Chapter 7
1-2 centripetal force
12 satellite (end of chapter)

Chapter 8
3 torque, moment of inertia
4-6 kinetic energy with rotation
7 angular momentum
8-9 equilibrium

Chapter 9
10 deformation of solids
11, 15 Archimedes
13-14 static fluids
16 Bernoulli

Chapter 10
17 thermal expansion
18 ideal gas

Chapter 11
19 specific heat