

Lecture 19

Pre-Lecture Preparation (due within the first 5 minutes of class):

- Read pages 264-271
- Quick Quizzes: 9.7
- Ch 9 Problems: 36 & 45

Goals for the Lecture:

- 1) Calculate the center of mass for point objects and solid objects
- 2) Use center of mass to solve problems
- 3) Solve 2-D collision problems using momentum

Post-Lecture Study Guide:

Review the worksheets or other lecture material within 24 hours (preferably the same day as the lecture) to reinforce the ideas.

Do problems:

Ch 9: Problems: 37, 42, 47, and 50

Continue with the additional recommended study problems from chapter 9