

Homework Assignment 5

Physics 105, Fall 04, Instructor: Petr Hořava

This assignment is due Friday, October 15.

This week's reading consists of Sections 3.6-3.9 and 4.1-4.4 (up to and including the "Eliminate the Center of Mass Motion" subsection on pages 136-7).

Here are today's problems; enjoy!

1. Part (d) of Problem 21 in Ch. 3, p. 121 of [HF].
2. Problem 13 in Ch. 3, p. 118 of [HF].
3. Problem 19 in Ch. 3, p. 120 of [HF].
4. Problem 22 in Ch. 3, p. 121 of [HF].
5. Part (a) of Problem 1 in Ch. 4, p. 156, and Problem 2 in Ch. 4, p. 157 of [HF].