## Homework problem set I

Due date: May 02, 2006

(Below, "KK" obviously stands for the course book "An Introduction to Mechanics" by Kleppner and Kolenkow)

- 1. Problem 2.3 from KK (Two blocks are in contact on a ··· page 103)
- 2. Problem 4.6 from KK (A small block slides from rest ··· page 196)
- 3. Problem 6.1 from KK (a. Show that if the total linear  $\cdots$  page 279)
- 4. Problem 6.5 from KK (A 3000 lb car is parked on a ··· page 279)
- 5. Problem 8.11 from KK (A high speed hydrofoil races · · · page 375)