

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 \dots - page 103)
2. Problem 4.6 from KK (A small block slides from rest \dots - page 196)
3. Problem 6.1 from KK (a. Show that if the total linear \dots - page 279)
4. Problem 6.5 from KK (A 3000 lb car is parked on a \dots - page 279)
5. Problem 8.11 from KK (A high speed hydrofoil races \dots - page 375)