Physics 271, Fall 2017
Homework 6
Due date: Monday October 23, 2017

Reading: Chapter 5.4-5.8, 6.1-6.5

1. K&K 5.7: Beads on hanging ring

2. K&K 5.10: Falling chain

3. K&K 5.13: Bead and gravitating masses

4. K&K 5.18: Sand and conveyor belt

5. K&K 5.19: Coil of rope

6. K&K 6.1: Oscillation of bead with gravitating masses

7. K&K 6.3: Normal modes and symmetry

8. K&K 6.7: Proton collision

9. K&K 6.8: Collision of $m$ and $M$