

## Physics 263: Problem Set #1

These problems are due at the end of the day on Friday, March 28.

1. Kleppner and Kolenkow, problem 11.1, pg. 458.
2. Kleppner and Kolenkow, problem 11.2, pg. 458.
3. Kleppner and Kolenkow, problem 11.4, pg. 458.
4. Kleppner and Kolenkow, problem 12.1 pg. 484.
5. Kleppner and Kolenkow, problem 12.2 pg. 484.
6. (BONUS) Kleppner and Kolenkow, problem 12.4 pg. 485.
7. Shankar, problem 4.2.1 pg. 77.
8. Shankar, problem 4.2.3 pg. 78.
9. Shankar, problem 4.2.4 pg. 79.
10. Shankar, problem 4.3.1 pg. 81. Do only parts (i) to (iv).