Homework Set 8, Physics 355, Spring 2024. Handed out March 27, due in class April 3. Please turn in a legible paper copy, with your full name on the paper. A complete solution or answer should be submitted for each problem, with no missing steps. This homework is based on the in-class lectures for Chapter 12 in the text. The problems are from the text, and the text is the general reference for all the equations and ideas needed. However, increasingly, you will find that information supplied on the “class notes” and “class slides” pages is often vitally important.

(1) Problem 11.
(2) Problem 13.
(3) Problem 14.
(4) Problem 18.