Homework Set 9, Physics 355, Spring 2024. Handed out April 3, due April 10 in class. 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 Chapters 13, 14 and 15 in the text. The problems are taken from the text, and the text is the best reference for the equations and concepts needed. The web pages shown in class are always the best guide to the basic concepts involved.

(1) Ch. 13, Problem 1.
(2) Ch. 13, Problem 2.
(3) Ch. 13, Problem 9.
(4) Ch. 14, Problem 12.
(5) Ch. 14, Problem 19.
(6) Ch. 14, Problem 22.
(7) Ch. 15, Problem 4.

We will not have a homework assignment covering Ch. 16 in the text, on accelerators.

Because of the total solar eclipse visible from Austin between 1 and 2 PM on April 8, UT classes are suspended for the time periods around the eclipse, so we will not have a class meeting on April 8. Go out and see the solar corona!