

**Physics 152—Accelerated Physics II: Electricity, Magnetism, and Optics**  
**Homework Assignment #8**  
**Due Friday, November 3, 2023, 10:00 am**

## Mastering Physics

Do the on-line assignment “HW #08.”

## Pencil-and-Paper Problems

**Ch. 29:** 29.54 (20 pts.).

Please write *neatly* and show your work *clearly*. I need to be able to follow your reasoning. Homework that is incomplete or difficult to understand will not get full credit.

## Academic Honesty

If you get bogged down with any of the problems, do not hesitate to discuss them with your instructor or with a fellow student. However, if you discuss a problem with *anyone* (besides your instructor) you should acknowledge that collaboration. Please see the Academic Honesty policy for more information about appropriate and inappropriate collaboration.