Problem Set 11

Issued: Sun, April 24
Due: Fri, April 29, 4PM <- note Date & Time!

Note that Exp AMP check-off and write-up are also due 4/29

Reading suggestions (from Young & Freedman)
Mon, 4/25: RLC circuits, Resonance: 30-6, 31-3, 31-5
Wed, 4/27: Displacement current, Maxwell’s Equations: 29-7
Fri, 4/29: Electromagnetic Waves: 32-1 to 32-3

Problem 1 (10 points)
How do you know that sound is not an electromagnetic wave? What kind of wave is it?

Problem 2 (10 points) Young & Freedman 29.38
Problem 3 (10 points) Young & Freedman 32.6