

PHYSICS 262

SPRING 2011

HOMEWORK ASSIGNMENTS

- Final Exam Practice Problems - Not to be turned in!
39.31, 39.32, 39.34, 39.35, 39.37, 39.69, 40.4 40.9, 40.10, 40.15, 40.19,
40.25, 40.26, 40.37, 40.50
- Assignment #8 - Due May 6
40.1, 40.11, 40.43, 40.44, 40.46
- Assignment #7 - Due April 29
39.9, 39.15, 39.50, 39.53, 39.60
- Assignment #6 - Due April 22
38.52, 38.53, 38.54, 38.59, 38.62
- Assignment #5 - Due April 8
37.29, 37.44, 37.47, 37.66, 37.69
- Assignment #4 - Due April 1
37.5, 37.8, 37.13, 37.51, 37.54, 37.71
- Assignment #3 - Due March 11
34.89, 34.105, 35.44, 35.47, 35.50, 35.52, 35.35
- Assignment #2 - Due February 18

33.20, 33.22, 33.34, 33.57, 33.58

- Assignment #1 - Due January 28

Show that $\vec{\mathbf{E}}$ and $\vec{\mathbf{B}}$ of a plane wave obey Maxwell's equations and the wave equation.

32.6, 32.13, 32.19, 32.54