

# EECS 412 Electromagnetic Fields III

## Fall 2003

Homework #4:

Due October 15<sup>th</sup>, 2003

Circular polarization	2-52
General polarization	2-50, 2-54
Air-perfect conductor interface	3-3

P.S. I highly recommend that you examine:

This first URL for good animations of polarized waves.

<http://www.amanogawa.com/archive/Polarization/Polarization-2.html>

This second URL for an animated description of many properties of traveling plane waves including the Poynting vector.

<http://www.amanogawa.com/archive/PlaneWave/PlaneWave-2.html>

There are many other useful Applets at [www.amanogawa.com](http://www.amanogawa.com) which you may find useful in this course.