

Physics 462, Summer 2006
Homework 3 due at the beginning of class July 11

1. Extend our discussion in class to show that Faraday's and Ampere's laws are both satisfied for a plane EM wave.
2. Griffiths: Chapter 9: problems 3, 4, 5, 7, 9, 11, 12.
3. Read the sections on polarization in chapter 2 of Fowles and do problems 2.11 and 2.13.