

PHY-506 : Classical Electrodynamics II

Ismail Zahed

NTG-C141 Ext: 2-8129 Office Hour: F 3:4

zahed@zahed.physics.sunysb.edu

Outline

1. Special Relativity
2. Dispersive Media
3. Plasma Physics
4. Superconductivity
5. Scattering and Diffraction
6. Radiation
7. Energy Loss
8. Bremsstrahlung

Reference Material

J.D. Jackson, Classical Electrodynamics, Ed. Wiley

Grade

The grade will be : Hw (33%) + Mid (33%) + Fin (33%)

Grader

Simone Giombi