PHYSICS 656: WINTER 2007

FIELDS AND WAVES II

Time & Place: Mon., Wed., Thu. and Fri. 8:30 - 9:18 AM; Smith 1009

Instructor: Professor Mohit Randeria
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Course Website:
www.physics.ohio-state.edu/~randeria/courses/physics_656/physics_656.htm

Office Hours: Wednesdays, 1:00 - 2:00 PM


Prerequisite: Physics 555 (first four chapters of Griffiths’ book).

Syllabus:
- Static Magnetic Fields (Chapter 5 of text book)
- Magnetic Fields in Matter (Ch. 6)
- Electrodynamics: Maxwell’s Equations (Ch. 7)
- Electromagnetic Waves (parts of Ch. 8 and Ch. 9)

Course Grades
- Home Work: 35%
- Mid-Term Exams I & II: 15% + 15%
- Final Exam: 35%

Exam Dates
- Mid Term I: Thursday, Jan. 25, (in class).
- Mid Term II: Friday, Feb. 16, (in class).
- Final Exam: Monday, Mar. 12, 7:30 - 9:18 AM.

Grader: Sheldon Bailey (bailey.562@osu.edu) office: PRB 3016