

Physics 322: Spring Semester, 1994

Instructor: L. Bruch

Office: B319 Sterling (AM) 2533 Sterling (PM)

Phone: 2-8968 (AM) 3-3279 (PM)

E-mail: "BRUCH@COMB.PHYSICS.WISC.EDU"

Text: Reitz, Milford and Christy  
"Foundations of Electromagnetic Theory" (4th edition)

Problem assignments are due on Mondays, except as noted, and will be discussed the following Wednesday.

Library materials: Problem solutions will be put on file in the Physics Library (4220 Chamberlin) on Wednesdays, as will copies of previous hour exams. Also three other texts are on reserve there: Barger and Olsson--"Classical Electricity and Magnetism"; Bleaney and Bleaney--"Electricity and Magnetism"; Purcell--"Electricity and Magnetism"

Jan. 31 Chap. 1: 3,6,17; Chap. 2: 1,11,13

Feb. 7 Chap. 2: 19,20,23,27; Chap. 3: 1,2

14 Chap. 3: 8,10,11,14,20; Chap. 4: 5,6

21 Chap. 4: 7,10,11,16,18; Chap. 5: 1

25(!)Chap. 6: 2,6,13,18,22

March 2: HOUR EXAM

Mar. 7 Chap. 7: 1,2,6

14 Chap. 8: 1,6,9,12,13,18

21 Chap. 8: 17,22; Chap. 9: 11,12,14,15

Apr. 6 Chap. 10: 1; Chap. 11: 1,3,7

11 Chap. 11: 8,13,17; Chap. 12: 1,3,4

April 18: HOUR EXAM

Apr. 25 Chap. 16: 1,3,4,7

May 2 Chap. 17: 2,5,12; Chap. 18: 1

9 Chap. 20: 1,9,12; Chap. 22: 2,7

FINAL EXAM: May 18, 12:25 PM