

8.022 Lecture Notes Class Review - 12/1/2006

Exam #3

- Circuits

RC, LR, LC

RLC with complex impedance

- Maxwell Equations

differential and integral form

Faraday quasistatics

"amperian loops"

- Energy in E, B fields

- Continuity of Charge

Poynting vector

Magnetic materials, ferromagnetism, magnetic charge, and momentum