

Electromagnetic Theory Physics 6092, Fall 2019

Instructor: Lam Hui

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Office hours. Wednesday 12:30 - 1:30 pm, or by appointment.

Class Meeting Time/Place. Monday and Wednesday 11 am - 12:30 pm at 814 Pupin.

Prerequisites. Please talk to me if you are an undergraduate.

Requirements. Problem sets and final examination. Recitation and problem sets will in part help you prepare for the qualifying exam.

Topics. Electromagnetism: its symmetries and applications.

Texts. The required text is the Classical Theory of Fields by Landau and Lifshitz. Additional recommended texts include: It's About Time by David Mermin, Electrodynamics of Continuous Media by Landau and Lifshitz, Classical Electrodynamics by Jackson, Modern Classical Physics by Thorne and Blandford (see <http://www.pmaweb.caltech.edu/Courses/ph136/yr2012>).

The required text is available at Book Culture on W. 112th Street. Their website is <http://www.bookculture.com>.