

General Relativity Physics 8040, Fall 2010

Lam Hui

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Office hours. Tuesday 4:30 – 5:30 pm, or by appointment.

Class Meeting Time/Place. Tuesday and Thursday, 3:00 – 4:15 pm. Pupin 831.

Teaching Assistant. Junpu Wang.

Prerequisites. No permission is required if you are an Astronomy or Physics graduate student – however, it will be assumed you know special relativity at the undergraduate level. If you are an undergraduate student, you must obtain explicit permission from me.

Requirements. Problem sets.

Texts.

The following texts are available at the Book Culture, located on W. 112th Street, between Broadway and Amsterdam. Their website is <http://www.bookculture.com>.

- Gravitation and Cosmology, Steven Weinberg
- Spacetime and Geometry, Sean Carroll
- A First Course in General Relativity, Bernard Schutz
- General Relativity, Robert Wald
- Feynman Lectures on Gravitation, Richard Feynman