

Introduction to Theoretical Mathematics I Math 0413 Fall 2009, CRN 13852

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Classes and Recitations

This class is Mathematics 0413, CRN 13852, Introduction to Theoretical Mathematics, class instructor George Sparling, recitation instructor Hyung Bo Shim.

- The classes take place in TY 627, Tuesdays and Thursdays 6.00pm-7.15pm.
- The recitations take place in TY 627, Tuesdays and Thursdays, 7.25pm-8.15pm.
- The first class and first recitation are on Tuesday September 1st, 2009.

Class Instructor: George Sparling

- **Office:** 609 Thackeray.
- **Text/Phone:** 1-412-576-1429.
- **e-mail:** gnilraps@gmail.com.
- **Webpage:** <http://www.math.pitt.edu/sparling>.

- **Office hours:** Tuesdays, 5.20-6.00pm and 7.30-8.30pm, and Thursdays, 2.15pm-3.15pm and 5.20-6.00pm, in the Math Lounge, 705 Thackeray, or by appointment.

Recitation Instructor: Hyung Bo Shim

- **Office:** 712 Thackeray
Phone:
- **e-mail:** hys5@pitt.edu.
- **Office hours:**

Class Schedule

- Every second week during the term, there will be a quiz or an exam during the Thursday class, except for exam 2 and quiz 5 which will be on Tuesdays.
- Quizzes and exams will be open book.
- Every week there will be a homework due in the Tuesday recitation.

Quiz/Exam Schedule

Thursday September 10th	Quiz 1
Thursday September 24th	Quiz 2
Thursday October 8th	Exam 1
Thursday October 22nd	Quiz 3
Thursday November 5th	Quiz 4
Tuesday November 24th	Exam 2
Tuesday December 8th	Quiz 5
Thursday December 17th	Final Exam in class, 6.00pm-8.00pm

If you have need special accommodations during the course, you are encouraged to contact me and Disability Resources and Services, 140 William Pitt Union, 412-648-7890 or 412-383-7355 (TTY) as early as possible in the term.

Grading

There are 12 homeworks, 5 quizzes, two midterms and a final exam during the term.

Grading Scheme

Best 12 homeworks at 20 points each	240pts
Best 4 quizzes at 30 points each	120pts
Two midterm examination at 120 points each	240pts
One final examination at 200 points	200pts
Maximum Possible Score	800pts

Grading is curved and based on your total score only, provided you pass the final.

If you pass the final, grading will be in the A+ to B- range, unless your other work is severely lacking.

If you fail the final, grading will be in the range C+ to F.

Textbook and Syllabus

- **Text**

The text for this course is:

Introduction to Real Analysis, Third Edition,

by Robert G. Bartle and Donald R. Sherbert,

published by John Wiley and Sons,

ISBN 0-471-32148-6.

- **Syllabus**

We shall cover the first three chapters in detail.