Math 6640 **Spring 2013** **Presentation**

You will be assigned one section of the book to formally present to the class, as if it was a seminar talk. This presentation is 10% of your overall grade.

Grading Rubric

Effectiveness conveying content: (70 points)

- Motivated topic.
- Presented main ideas clearly.
- Presented sufficient details, but did not get bogged down in them.
- Demonstrated understanding of the material;
  did not need to consult book;
  used notes sparingly.
- Handled questions well.

Smoothness presenting: (30 points)

- Used LaTeX (e.g. `slides` or `beamer` documentclass) to prepare pdf for slides;
  slide layout pleasing and error-free.
- Used blackboard effectively (if needed).
- Conveyed enthusiasm for the topic.
- Spoke clearly.
- Managed time appropriately;
  presented for at least 45 minutes;
  did not exceed class time.

Schedule

Date (earliest)	Section	Person
Monday April 8	24: Eigenvalue Problems	
Wednesday April 10	25: Overview of Eigenvalue Algorithms	
Friday April 12	26: Reduction to Hessenberg or Tridiagonal Form	
Monday April 15	27: Rayleigh Quotient, Inverse Iteration	
Wednesday April 17	28: QR Algorithm without Shifts	
Friday April 19	29: QR Algorithm with Shifts	