Numerical Linear Algebra
MA 660-VT, Spring 2011

Class meets Mondays and Wednesdays 3:00pm-4:15pm in Seminar Room 458

Instructor: Dr. Nikolai Chernov
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Office hours: Mondays and Wednesdays, 5:30-6:30, walk-ins are welcome
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Text: L. Trefethen and D. Bau, III *Numerical Linear Algebra*, SIAM, 1997.
  The book is only needed for computer projects; you need not buy it...:-)
  Classnotes, in PDF, are available from the instructor's web page:
      http://www.math.uab.edu/˜chernov/teaching/teach.html

Syllabus: We will cover all of the classnotes. See a detailed syllabus on the departmental web page

      http://www.math.uab.edu/programs/ms‗ syllabi/

Grading policy:

Weekly homework assignments	30 %
Computer projects	10 %
Midterm exam (early March, tentative)	30 %
Final exam (early May, tentative)	30 %

Assignments and tests: Homework will be assigned weekly on Mondays, unless announced otherwise. HW will be due the next Monday after assignment. Partial credit will be given for late homework. Computer projects must be done in MATLAB, and you can do them on departmental computers or in the MLL in the HH building. Projects will be given from time to time, and will be due one week before the final exam. Projects must be submitted in a "presentable" form. Include a print-out of the MATLAB code, a print-out of the computer output (with clear readable graphs or pictures if necessary), and a one-page report (hand-written or typed on a computer).

Welcome to MA 660 and best of luck to you all.