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Math128B: Numerical Analysis

Homework #9, Due April 3, 2012

All problem numbers below are from the 9th edition of the textbook. For those problems that are numbered differently in 8th and 9th editions, we include the 8th edition numbers in the parentheses.

- **Section 8.6:** Problems 4, 8, 10.
- **Section 9.1:** Problems 2cd, 6c(4c), 9, 11.
- Suppose that A and B are nonsingular $n \times n$ matrices. Prove that AB is similar to BA .