**Week 6**

**Monday February 25** *Class 14:*

**LU Decomposition.** The first of very many interesting matrix factorization techniques we shall address in this class.

*Reading:*

Poole, Section 3.4

*Homework #14: (due in Class 15)*

Poole, Section 3.4: 1, 2, 3, 7, 8, 9, 10, 13, 19, 20. EXTRA CREDIT 26.

**QUIZ #5 DUE**

**Wednesday February 27** *Class 15:*

*Review for Exam #1.*

*Reading:*

Poole, Section 1.1, 1.2, 1.3, 2.1, 2.2, 2.3, 2.4, 3.1, 3.2, 3.3, 3.4

**Friday February 29:** Exam #1

**Exam #1.** In-class exam, 55-minutes. Closed book, closed notes, NO calculators.