# Linear Systems

## Week 2

**Monday January 30** *Class 4*:

Equation of Planes and 3-D Analytic Geometry.

Reading:

Poole, Section 1.3

Homework #4: (due in *Class 5*)

Poole, Section 1.3: 1, 4, 5, **11, 12, 20**

**QUIZ #1 DUE**

**Wednesday February 1** *Class 5*:

Understanding and Visualizing Linear Systems of Equations.

Reading:

Poole, Section 1.2

Homework #5: (due in *Class 6*)

Poole, Section 1.3: 7, **14, 18, 27, 29**; EXTRA CREDIT # 25:

**Friday February 3** *Class 6*:

Direct Methods of Solution of Linear Systems. Introduction to Gasussian Elimination.

Reading:

Poole, Section 2.1

Homework #6: (due in *Class 7*)

Poole, Section 2.1 # 1, 3, **10, 11**, 13, 15, 17, 20, 23, 28, 29, 32, 34, **35, 44**
**QUIZ #2**