
Linear Systems

Math 214 Spring 2007
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Fowler 110 MWF 2:30pm - 3:25pm
<http://faculty.oxy.edu/ron/math/214/07/>

Week 2

Monday January 29 *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 January 31 *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 2 *Class 6:*

Direct Methods of Solution of Linear Systems. Introduction to Gaussian 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