
Linear Systems

Math 214 Spring 2008
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Fowler 307 MWF 9:30pm - 10:25am
<http://faculty.oxy.edu/ron/math/214/08/>

Week 8

Monday March 17 *Class 19:*

Introduction to Linear Transformations. Professor Naimi will begin to examine a graphical interpretation for the matrix operations we have been considering by introducing the generalization of a linear transformation.

Reading:

Poole, Section 3.6

Homework #17: (due March 19)

Poole, Section 3.6: 1,2,3,6,7,15,17,19. EXTRA CREDIT 28

QUIZ #6 DUE

Wednesday March 19:

Fundamental Vector Spaces, Continued. We shall continue our discussion of the fundamental vector spaces of a matrix, and understand dimension and basis.

Reading:

Poole, Section 3.5

Homework #18: (due March 21)

Poole, Chapter 3 Review : 1, 11, 13, 14, 15.

Friday March 21:

Linear Transformations, Continued. Professor Naimi will complete explaining Section 3.6 of the book by illustrating the graphic visualizations of linear transformations.

Reading:

Poole, Section 4.1

Homework #19: (due in *Class 22*)

QUIZ #7

TERM PROJECT PROPOSAL DUE TODAY