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# Linear Systems

Math 214 Spring 2006  
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Fowler 307 MWF 2:30pm - 3:25pm  
<http://faculty.oxy.edu/ron/math/214/06/>

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## Week 6

**Monday February 27** *Class 16:*

**Subspaces.** We shall introduce the concept of vector spaces and subspaces in a rather formal way.

Reading:

Poole, Section 3.5 and Section 6.1

Homework #15: (due in *Class 17*)

Poole, Section 3.5, 1,3,4,5,**6,7,9,11**,12. EXTRA CREDIT 10.

**QUIZ #5 DUE**

**Wednesday March 1** *Class 17:*

**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, (half of 3.5)

**Friday March 3 : Exam #1**

**Exam #1.**