

M300 Linear Algebra
Homework: Weeks 11-12
November, 2004

Do all of the homework below, but turn in only the problems marked with (*)

DATE	Homework
11/11	Complex Numbers
	Turn in solutions to last 2 problems in handout
11/12	Sect 5.5: 3, 5, 9, 11, 13*, 15*
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11/16	Sect 6.1: 1-19 odd, 27*, 29*, 30
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11/18	Sect 6.2: 1-11 odd, 14*, 15, 24*
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11/19	Sect 6.3: 1-19 odd, 22*, 24*
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THANKSGIVING BREAK	

After break, we're going to focus on applications, starting with section 6.5, and getting through as many as time allows:

- Least Squares Problems (Curve Fitting)
- Face Recognition (Finding the Best Basis)
- Linear Neural Networks (Linear Maps as Neurons)
- Discrete Dynamical Systems