

640:350:01: Linear Algebra

MTh2, SEC-220

Spring Semester 2009

Homework Assignment

Instructor: Zheng-Chao Han

Text: *S. H. Friedberg, A. J. Insel & L. E. Spence, Linear Algebra*, (4th edition); Prentice-Hall Inc. 2003; (ISBN# 0-13-008451-4). Please remember to check against updated online copy of the assignments before you work on each assignment, as the assignment problems may be adjusted as the course progresses.

Lecture	Required	Recommended	Due
1	1.1: 6; 1.2: 18, 22	1.1: 1 – 3; 1.2: 1, 12, 15 – 17	1/29
2	1.3: 5, 18, 20	1.3: 1, 8, 9, 12, 16, 27;	1/29
3	1.4: 9, 13; 1.5: 5, 9, 14	1.4: 1, 3, 4, 8, 9, 11; 1.5: 1, 7, 8, 10, 12	2/5
4	1.6: 7, 11, 14	1.6: 1, 4, 9, 12	2/12
5	2.1: 14(b), 17(b)	1.6: 25, 28, 32(b); 2.1: 5, 9, 10, 15	2/12
6	2.1: 5; 2.2: 4, 9, 10	2.1: 1, 22; 2.2: 1, 3, 5	2/19
7-8	2.3: 9, 11;	2.3: 1, 3, 15; 2.4: 1, 2, 3, 5, 13-15	2/19
9	2.4: 7, 10(b); 2.5: 2(c), 5, 7	2.5: 1, 2, 3, 4, 10, 13	deferr
12-13	3.2: 17, 21	3.1: 1, 5, 7, 12;	
		3.2: 1, 4, 6(a,d,e), 7, 19; 3.3: 1, 2, 10	deferr
14	3.2: 19; 3.3: 8; 4.3: 11, 12, 14	4.1: 1, 5-10; 4.2: 1-4, 26, 27; 4.3: 1, 10, 13, 15,16; 4.4: 1	3/26
15	5.1: 3(b), 4(g); 5.2: 3(b)(c), 7, 12(b)	5.1: 1-4, 7-9, 14-16; 5.2: 1-3, 8-10	4/2
16-17	5.2: 13; 5.4: 6(a),(d),9(d), 21	5.4: 1-6, 9, 10, 19	4/9
18-20	7.1: 2(b), 3(c), 7(d); 7.2: 3(d), 5(a)	7.1: 1-3, 7; 7.2: 1-6, 19	4/20
23-24	6.1: 9, 11, 15(a); 6.2: 6, 10	6.1: 1-4, 8-12, 19; 6.2: 1, 2(b)-(d), 8, 11, 13, 16(a)	4/27
25-27	6.3: 3(b), (c); 6.5: 2 (b)-(d), 6; 6.6: 4, 5	6.5: 1, 3-5; 6.6: 1-5	5/4