

Syllabus for Matrix Algebra Summer 2008

Instructor: Larry Lin

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Office: Cupples I, Room 8

Textbook: Linear Algebra and its Applications 3rd Edition by David Lay

Grading: Homework: 40%, final exam: 30% *Project:* 25%, Class participation: 5%

Office Hours: daily 3-5 pm in my office(Cupples I, room 8) or by appointment.

Homework Policy: Homework will be assigned at the end of each day and is due the next day at the BEGINNING of class. You may drop the lowest 3 homework grades. You may work in groups to solve homework problems, but the write up **MUST be your own**. Always justify your answers when appropriate.

Recommendations for learning the material: Study the material from the book or the notes before you attempt to do any problems. Always attempt to do problems without looking at the book or notes for help. If you must look make sure you close the book/notes before resuming your work. The BEST way to learn mathematics is to do as many problems as possible on your own.

Academic Integrity: I take academic integrity very seriously. Violations of academic integrity will not be tolerated in this class. Any infraction will result in a failing grade and will be prosecuted to the fullest extent of university policy.

Section	Homework	Suggested Problems
1.1	2, 8, 12, 18, 20, 22, 24	1-23 odd
1.2	2,4,8,10,24	1-19 odd
1.3	2,4,6,10,12,14,19	1-21 odd, 25,27
1.4	4,6,10,12,14,18,24	1-23 odd, 24
1.5	2,6,8,14,16,20	1-23 odd
1.6	4,6,11	all odd
1.7	2,4,6,8,10,13,16,18	1-21 odd
1.8	2,4,6,8,10,14,16,29	1-23 odd
1.9	2,4,6,8,10,12,14,18	1-23 odd
1.10	2,6,10	1-11 odd
2.1	2,4,6,8,10,16	1-15 odd
2.2	3,4,6,8,10,14,16	1-23 odd
2.3	2,4,6,8,14,16,18,20,22 34	1-33 odd
2.6	2,4,6,8	1-9 odd
3.1	2,4,10,12,14	1-39 odd
3.2	6,8,12,16,18,20,22,24	1-35 odd
3.3	6,12,20,28	1-29 odd, except 7,9
4.1	2-20 even 24	1-31 odd
4.2	2,4,8,10,12,14,16,18,20,22	1-27 odd
4.3	2,4,6,8,10,12,13,16 22-25	1-25 odd
4.4	2,6,8,10,12,14, 18, 21, 25	1-17 odd
4.5	2,4,8,10,12, 14,16,18, 21, 27	1-21 odd
4.6	2,4,6,8,10,12,14,16, 19,20, 25	1-17 odd
4.7	2,8, 10	1-9 odd
5.1	2-20, 21,22,24,31,25,27 even	1-27 odd
5.2	2-16 even, 20, 24, 25	1-21 odd
5.3	2,4,6,8,12,14, 16, 23, 24,25, 27	1-29 odd
6.1	2,4,6,8,10,14,16,18,22,24,25,27	1-25 odd
6.2	2-20 even, 22, 23, 25 30,31	1-29 odd
6.3	2-20 even	1-19 odd
6.5	2-14 even, 19, 20, 21	1-23 odd
5.6	2-14 even	1-15 odd
7.1	2-24 even, 28, 29,30,31,32	1-35 odd
7.4	2-16 even, 17-21,23	1-25 odd