

MA262 ASSIGNMENT SHEET Summer 2012

Text: Differential Equations and Linear Algebra by Stephen Goode and Scott A. Annin, Third Edition.

Lesson	Sections	Problems
1	1.1, 1.2, 1.3, 1.4	p8: 6,15,26; p18: 8,21,24; p30: 3,11,13,14 p40: 8,16,23,24
2	1.5, 1.6, 1.7	p47: 2; p55: 2,6,17,18; p65: 4,7
3	1.8, 1.9	p76: 25,26,37,38,56,61 p89: 8,9,11,13,15
4	1.11, 1.12	p103: 4,11,14,15,19; p108: 42
5	2.1, 2.2	p118: 1,3,7,11; p130: 1,2,3,5,7
6	2.2, 2.3	p130: 15,27; p138: 2,3,9
7	2.4, 2.5	p149: 3,6,7,9,11,13,20,21; p159: 1,7,11,17,19,22,23
8	2.5, 2.6	p159: 33,37,47, p170: 1,3,9,12,20
9	3.2	p209: 1,3,9,21,24,42
10	3.3	p222: 7,9,15,17,21a,22,27,32,36,40,42,44
11	4.2, 4.3	p249: 16; p257: 2,3,5,6,18,19
12	4.3, 4.4	p257: 20; p265: 4,9,12,13,14,25,28
13	4.5	p279: 3,9,12,13,16,32,34,36,41a
14	4.6, 4.8	p291: 4,6,7,11,12,17,18,24; p306: 3,5,8,12
15	5.1	p351: 1,4,9,10,13,16,17,30
16	5.3	p368: 1,2,3,6
17	5.6, 5.7	p398: 5,9,13,15,20,31,32; p406: 1,3,5,7,17,19
18	6.1	p458: 1,3,5,6,9,13,16,18,31,36;
19	6.2	p468: 5,12,14,32,33,17,19,26,30,35,39
20	6.3	p480: 1,3,4,17,19,20,21,23,26,29,31
21	6.5, 6.7	p495: 3,4,5,16,17; p512: 1,5,16,30
22	6.7, 6.9	p512: 19,21,22; p528: 5,6,16
23	7.1, 7.2	p540: 1,3,7,9,15,17,19; p545: 1,3,6,7
24	7.3	p551: 1,3,4,7
25	7.4	p560: 1,3,5,9,17,20,22
26	7.6	p576: 1,3,8,10