

Text: B. Kolman & T.D. Hill *Elementary Linear Algebra*, Eight edition

Lab Manual: D. Hill & D. Zitarelli *Linear Algebra Labs with MATLAB*, Third edition

Course page: <http://www.math.purdue.edu/MA265>

Section	Text Problems	MATLAB Problems*
1.1 (1**)	1,2,4,5,8,15,20	
1.2 (0.5)	2,7	
1.3 (0.5)	11,15,28,30,37	Lab 1, pp 5: 1,2
1.4 (0.5)	3,8,11,12,15,20	Lab 3, pp 5: 1
1.5 (0.5)	18,27,29,30	Lab 3, pp11: 1 (a) (b) (c) ,2
2.1 (2)	1,2,5,7,(b), 8(b), 14,15,16,29	Lab 2, pp 7: 3; Lab 4, pp 10: 1,2,3
2.2 (1.5)	7,8,9,18,19,20,28	Lab 4, pp 13: 1,2,3; project 2, pp 6: 1,2
2.3 (0.5)	1,10	
3.1 (1)	2,5,7,12,14,16,17	Lab 6, pp 7: 2
3.2 (1)	4,5,6,7,8,	
3.3 (1)	2,4,6,8,10,11,15,19,20,27,(a)(b),29	
3.4 (2)	1,3,5,6,7,8,11,13,16	Lab 6, pp8: 3,4; pp 17: 1
Review (1)		
Midterm I		
3.5 (2)	2,3,6,9,11,14,19,23,26,28(a)	Lab 6, pp 21: 1, 2(a)(b)
3.6 (1)	1,3,5,8,11,19,26	Lab 6, pp 21: 2(c)
3.7 (0.5)	2,4	Lab 7, pp 6: 1
3.8 (0.5)	1,5,7,9(a),12(c),13(b),17(a),20(a),28,29	
4.1 (1)	2,6,8,10,25,26	Lab 9, pp 3: 1; pp 9: 1,2; pp 19: 1(a)(d)
4.3 (1)	9,19,29,34	
4.4 (2)	2,3,10,11,13,18,28	Lab 10, pp 19: 1,2
4.5 (1)	1,2,12,16,20,26,29	Lab 10, pp 13: 1,4
4.6 (1)	1,2,3,6	project 3, pp10: 1
Review (1)		
Midterm II		
5.1 (2)	1,2,9,10,11,12,13,17,24	Lab 12, pp 8: 3
6.1 (0.5)	1,5,8,11	
6.2 (1.5)	2,3,5,6,15,17,22	Lab 8, pp 4: 5,6(a)
6.3 (1)	1,4,7	
6.4 (0.5)	1,2,4,7,14	
6.5 (0.5)	1,3,4,8	
7.1 (1)	5,10,17	Lab 13, pp 25: 1,8
7.2 (1)	7,10,13,19	
7.3 (0.5)	10	
7.4 (1.5)	1,2,8,10,15,19,23,38	
App B.1 (1)	2(a)(b)(d),7(c),9	Lab 1, pp 9: 1,4,5,6
App B.2 (1)	1(c),5(a),9,10,11(a)(b)	Lab 2, pp 9: 10
8.1 (1.5)	1,2,5,6,7,9	
8.2 (1.5)	1,2,5,7,8	
Review (3)		
Final		

*Some M-files will need to be copied from the course page in order to use the following MATLAB commands:
dotprod,gschmidt,invert,lsqgame,matdat1,modn,project,rowop (it also requires the file **mat2strh.m**)

** Number of Lecture(s)

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