

Homework Assignments
249: MATH 323-01
Linear Algebra & Matrix Theory I
Fall 1999
Dr. Goutziers

Text: Linear Algebra / ATLAST Computer Exercises for L.A.
Author: Gilbert Strang / Leon, Herman Faulkenberry
Publisher: Wellesley - Cambridge Press / Prentice Hall
ISBN: 0-9614088-5-5 / 0-13-270273-8
Year of Publication: 1998 / 1997

Office Hours: M 10:00 a.m. W 11:00 a.m. F 2:00 p.m.

Assignment **Date**

Assignments from the Strang text are colored blue.
 Assignments from the ATLAST workbook are colored red.

- 1) Page 6: 2; 3; 4; 7; 11; 17; 29. Aug 25
- Page 17: 2; 7; 13; 19.
- 2) Page 30: 9a; 10; 11; 13; 14; 15; 20; 29. Aug 27
- 3) Page 40: 2; 3; 6; 7; 9; 11; 12. Aug 30

Announcement of Quiz 1 **Sep 01**

Date: Wednesday, September 8
Sections: 1.1 - 1.2, 2.1 - 2.4

- 4) Page 50: 3; 6; 14; 19; 24. Sep 01
- Page 01: 1a; 6a; 7a.
- 5) Page 59: 1c,d; 2b; 3; 7; 12; 17; 23; 30; 31. Sep 03
- Page 16: 2; 3; 6.

Please take a moment to complete the September 6 evaluation form available on the Linear Algebra page of my web site. Return the form during the class meeting of Wednesday September 8. Sep 06

- 6) Page 73: 1c; 2; 3; 6; 7; 9; 10; 11; 14; 19; 21; 24; 29. Sep 08
- Page 21: 14; 15; 16.

For those students who have purchased a student version of the MATLAB software I placed a copy of the ATLAST files on the NT server. The files can be found in the Maple on 'Ntserv2' drive, in the ATLAST Files directory.

Announcement of Test 1 **Sep 15**

Date: Friday, September 24
Location: IRC 120AB Computer Lab
Sections: 1.1 - 1.2, 2.1 - 2.7

- 7) Page 84: 1; 8; 12; 13; 15; 23. Sep 15
- Page 24: 18.
- Page 26: 1.
- 8) Page 95: 2; 4; 15; 19. Sep 17
- Page 27: 2; 3.

Complete keys to all homework assignments are now available on the MATLAB Lessons and Homework Keys page of my web site. Sep 22

Please take a moment to complete the September 22 evaluation form available on the Linear Algebra page of my web site. Return the form during the class meeting of Monday September 27. Sep 22

- 9) Page 8: 3. Sep 22

Continued on Page 2

From now on the class will meet in Fitzelle Hall on Mondays and in the IRC 120AB computer lab on Wednesdays and Fridays.	Sep 27
10) Page 107: 1; 3; 4; 5; 10.	Sep 29
Announcement of Quiz 2	Oct 01
Date: Friday, October 8	
Location: IRC 120AB Computer Lab	
Sections: 3.1	
11) Page 107: 11; 14; 17; 20; 23.	Oct 01
12) Page 118: 1; 2; 5; 6; 7; 8; 9; 12; 16; 18; 21; 24; 27; 32.	Oct 06
Please take a moment to complete the October 13 evaluation form available on the Linear Algebra page of my web site.	Oct 13
Return the form during the class meeting of Monday October 19.	
13) Page 128: 1; 2; 7; 8; 9; 10; 11; 12; 13; 14; 17.	Oct 13
Announcement of Test 2	Oct 15
Date: Wednesday, October 20	
Location: IRC 120AB Computer Lab	
Sections: 3.1 - 3.4	
14) Page 136: 1; 4; 8; 9; 10; 12; 14; 15; 17; 18; 23; 27; 33.	Oct 15
15) Page 151: 1; 2; 4; 5; 7; 9; 11; 12; 13; 16; 17.	Oct 27
Page 67: 1; 2; 5.	
16) Page 152: 18; 19; 20; 21; 23; 24; 27; 30; 34; 37.	Oct 29
Page 69: 6(a) use rref; 6(b); 6(c) use E such that $A=ER$; 8; 9.	
17) Page 73: 13; 15; 16.	Nov 03
18) Page 161: 1; 4; 5; 8; 12; 14; 15; 19; 21.	Nov 08
Page 84: 7.	
Announcement of Quiz 3	Nov 08
Date: Wednesday, November 17	
Location: IRC 120AB Computer Lab	
Sections: 3.5 - 3.6	
19) Page 213: 3; 8; 12; 13; 15; 16; 20; 23.	Nov 15
20) Page 253: 1; 2; 4; 6; 8; 9; 11; 12; 15; 16; 18; 23.	Nov 19
21) Page 266: 3; 5; 6; 8; 12; 13; 15; 18; 26; 31.	Nov 29
Page 142: 1; 5	
22) Page 142: 7; 8.	Dec 03
23) Page 280: 4; 21.	Dec 06
Announcement of Test 3	Dec 10
Date: Friday, December 10	
Location: IRC 120AB Computer Lab	
Sections: 3.5 - 3.6, 5.1 - 5.2, 6.1 - 6.3	