

Math 250 Introduction to Linear Algebra

Text: Spence, Insel & Friedburg, *Elementary Linear Algebra: A Matrix Approach*

Section Homework Problems

- 1.1 1, 5, 8, 9, 10, 12, 20, 30, 34, 35, 39, 41, 43, 46
 - 1.2 1, 3, 8, 10, 16, 21, 28, 35, 39, 44, 53
 - 1.3 1, 16, 20, 28, 30, 34, 41, 45
 - 1.4 1, 2, 7, 11, 15, 25, 29, 31, 45, 46, 53, 57, 59, 60
 - 1.6 1, 3, 5, 9, 11, 13, 15, 17, 19, 21, 23, 25, 31, 35, 42, 45
 - 1.7 1, 3, 5, 7, 9, 11, 13, 17, 21, 23, 25, 27, 29, 33, 39, 41, 45

 - 2.1 1, 5, 7, 9, 11, 13, 15, 17, 19, 21, 22, 23, 24, 25, 27, 29, 31
 - 2.3 1, 2, 3, 5, 7, 11, 13, 15, 19, 21, 29, 31, 33, 41
 - 2.4 1, 3, 5, 7, 11, 15, 17, 19, 25, 27, 30
 - 2.5 3, 5, 7, 9-15, 19

 - 3.1 1, 3, 7, 9, 11, 14, 15, 17, 19, 21, 25, 31, 33, 37, 39, 41, 43, 46
 - 3.2 1, 3, 5, 7, 11, 15, 21, 25, 39-45

 - 4.1 1, 3, 5, 9, 11, 13, 15, 19, 21, 23, 25, 27, 29, 31, 33, 36-38, 42
 - 4.2 1, 3, 4, 5, 7, 9, 11, 13, 15, 27, 29
 - 4.3 1, 3, 5, 7, 9, 11, 13, 15, 37-42, 47
- Appen. worksheet
- 5.1 3, 7, 13, 17, 21, 39, 42-45, 48
 - 5.2 1, 3, 5, 9, 13, 15, 17, 21, 23, 25, 27, 41, 42, 45, 47, 51, 52
(for #41 and 42, find the complex eigenvalues)
 - 5.3 1, 3, 7, 9, 11, 13, 15, 17, 19, 23, 25, 27, 29, 33, 35, 37, 39, 45, 51-53
 - 5.5 3, 5, 7, 9, 13, 15, 21, 23, 27, 29, 41

 - 6.1 1, 3, 5, 7, 9, 11, 13, 17, 21, 23, 25, 30-25, 41-44, 49, 52
 - 6.2 1, 3, 5, 7, 9, 13, 15, 17, 19, 21, 23, 27, 29, 30, 31, 32 33, 35, 36, 38
 - 6.3 1, 3, 5, 7, 9, 13, 15, 26-35, 42
 - 6.4 3, 5, 7, 22, 29a-e
 - 6.5 1a-d,g,h 13, 17, 19

Date Due Sections Due

- 5/30 1.1, 1.2, 1.3
- 6/02 1.4, 1.6
- 6/04 1.7, 2.1, hand in 1.7 #32, 39, and 2.1 #12
- 6/06 2.3, 2.4, Review for Midterm (covers everything listed above)
- 6/09 Relax
- 6/11 2.5, 3.1, 3.2
- 6/13 4.1, 4.2
- 6/16 4.3, worksheet, 5.1
- 6/18 5.2, 5.3
- 6/20 5.3, 5.5, Review for Midterm (covers everything since 6/09)
- 6/23 Read 6.1
- 6/25 6.1