

640:250 Introduction to Linear Algebra

Text: Kolman & Hill, *Introductory Linear Algebra with Applications*, 7th ed.,
ISBN # 0-13-018265-6, Prentice-Hall, Upper Saddle River, NJ 07458

Section Homework Exercises

- 1.1 1, 3, 7, 9, 11, 15, 23, 25, 27
- 1.2 5, 7, 9, T3, T5
- 1.3 1, 3, 9, 11, 13, 15, 21, 27, 29, T6, T7, T8
- 1.4 1, 2, 3, 4, 5, 9, 11, 13, 19, T7, T8, T10, T19, T20, T21, T22, T23, T26, T32
- 1.5 1, 3, 5, 7, 9, 13, 15, 17, 19, 21, 23, 27, 29, 33, 39, 41, 43, 45, T11, T12, T13
- 1.6 1, 3, 5, 7, 11, 13, 15, 18, 20, 22, 23, 24, 25, 26, T4, T5, T6, T8, T9, T10
- 1.7 1, 3, 5, 7, 9

- 3.1 1, 2, 3, 4, 5, 9, 10, 11, 13, 15, 17, 19, 21, 22, 23,
T1, T3, T5, T6, T7, T8, T9, T10, T12, T15, T16
- 3.2 1, 3, 7, 9, 11, 15, 19, 21, 23, T1, T3, T5, T6, T8, T11

- 4.1 5, 7, 9, 15, 17, 19
- 4.2 1, 3, 11, 15, 17, 18, 19, 21, 23, 25, 26, 27, T5, T7, T8, T10, T11, T13, T15
- 4.3 1, 5, 7, 13, 15, 17, 18, 21, 25, 27, 29, 31, T4, T9

- 5.1 1, 2, 3, 4, 5, 6, 7

- 6.1 1, 3, 13, T1, T2, T3, T4, T5, T6
- 6.2 1, 3, 5, 11, 13, 15, 21, T2, T3, T5, T10, T11
- 6.3 1, 3, 5, 7, 9, 11, 13, 15, T4, T5, T8, T10
- 6.4 1, 3, 7, 11, 15, 17, 19, 25, 29, 31, T3, T7, T10, T12
- 6.5 1, 3, 5, 7, 11, 13, 21, T4
- 6.6 1, 3, 5, 7, 9, 11, 13, 16, 17, 18, 19, 20, 21, 25, 27, 29, 31, 33, T4, T5, T6, T7, T8
- 6.8 1, 3, 5, 7, 9, 11, 13, 17, 19, T3, T6
- 6.9 1, 3, 5, 7, 9, 11, T4, T6

- 7.1 1, 3, 5, T1, T2
- 7.2 1, 3, 5, 6, 7, 11

- 8.1 1, 3, 5, 7, 9, 11, 15, 17, T1, T3, T4, T5, T8, T10, T14
- 8.2 1, 3, 5, 9, 11, 13, 15, 19, 25, 29, 33, 41, 42, T6, T7, T8, T9, T10, T12
- 8.3 1, 2, 5, 9, 11, 13, 17, T1, T2, T4, T5, T6, T7, T8, T10

- 9.2 1, 3, 5, 9
- 9.4 1, 3, 5, 7, 9, 11, 13, 17, 21, 23, T1, T2, T4, T5