

MATH 211 ASSIGNMENT 4

Fall 2008

All problems, unless otherwise noted, taken from textbook : D. Lay, Linear Algebra and its Applications. Answers to True-False questions at bottom.

1. Section 3.2 : 1-4, 9 and 10 by any method, 15-20,22,27,28,31,33
2. Section 3.3 : 5,13,21. Find the volume of the parallelepiped with one vertex $(0, 1, 1)$ and the three adjacent vertices $(2, 0, 3)$, $(2, 1, 5)$, $(3, -1, 1)$.
3. p.211 : 1
4. Section 5.1 : 6,21,22(a,d)
5. Section 5.2 : 5,13,15,21(d),22(c,d)

Answers

3.2-27 : TTTF

3.2-28 : TFFF

p.211-1 : TTFFFFTTFFFTFFFTFT

5.1-21 : FTTTF

5.1-22a,d : FF

5.2-21d : F

5.2-22c,d : TF