

YALE UNIVERSITY DEPARTMENT OF MATHEMATICS
Math 225 Linear Algebra and Matrix Theory
Spring 2014

Problem Set # 5 (due 4 pm Wednesday 26 February 2014)

Reading: FIS 2.5, 3.1, 3.2

Problems:

1. FIS 2.5 Exercises 1 (If true, then either cite or prove it, if false then provide a counterexample), 2bd, 3b, 4, 6bd.
2. FIS 3.1 Exercises 1 (If true, then either cite or prove it, if false then provide a counterexample), 2, 9, 12.
3. FIS 3.2 Exercises 1 (If true, then either cite or prove it, if false then provide a counterexample), 2bdf, 3, 4b, 5bd, 14, 17.