

# MTH 408/522: Numerical analysis

## Homework V: Matrix methods

### Problems for practice

1. The following problems from “Numerical Analysis (9th ed.)” by Richard Burden and Douglas Faires.
  - (a) Exercise Set 7.1 (Pages 441-443): 6-10, 12-13.
  - (b) Exercise Set 7.2 (Pages 449-450): 5, 7, 11-14.
  - (c) Exercise Set 7.3 (Pages 459-460): 2, 4, 6, 8.
  - (d) Exercise Set 7.4 (Pages 467-468): 1, 3, 5, 9.
  - (e) Exercise Set 9.3 (Pages 590-593): 1, 7, 15.
  - (f) Exercise Set 9.4 (Pages 600-601): 2.
  - (g) Exercise Set 9.5 (Pages 611-613): 2, 4, 7-8.