

## LINEAR ALGEBRA: HOMEWORK 8

*The problems are listed from the textbook.*

**Textbook.** *Introduction to Linear Algebra* by L.W. Johnson, R.D. Riess and J.T. Arnold (5th edition).

### PROBLEMS TO PRACTICE

§5.4: 10, 13, 15, 19, 23, 24, 25, 26, 27, 38.

§5.7: 1, 2, 3, 5, 7, 9, 10, 11, 12, 13, 14, 15, 19, 20, 27.

§5.8: 1, 2, 3, 4, 5, 6, 9, 10, 11, 12, 18, 20, 23, 25.

§5.9: 1, 2, 3, 4, 5, 6, 7, 8, 9, 11, 13, 15, 17, 19, 23.

### PROBLEMS TO SUBMIT

§5.4: 27.

§5.7: 9, 14, 27.

§5.8: 5, 9, 18.

§5.9: 2, 5, 6, 8, 13, 15.