

## LINEAR ALGEBRA: HOMEWORK 1

*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

§1.1: 1, 5, 6, 7, 11, 14, 16, 18, 24, 31, 32.

§1.2: 1, 5, 8, 12, 15, 22, 31, 36, 41, 47, 50, 54.

### PROBLEMS TO SUBMIT

§1.1: 11, 18, 24, 32.

§1.2: 8, 15, 31, 36, 41, 50.