

## LINEAR ALGEBRA: HOMEWORK 5

*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

§3.2: 1, 6, 7, 8, 9, 17, 18, 19, 29, 30, 31.

§3.3: 1, 11, 15, 17, 21, 23, 27, 35, 37, 43.

§3.4: 1, 2, 9, 10, 21, 23, 25, 33, 35, 36.

### PROBLEMS TO SUBMIT

§3.2: 18, 30, 31.

§3.3: 21, 27, 35.

§3.4: 1, 9, 23, 36.