

# Numerical Optimization 2024 - Homework 5

**Deadline:** Wednesday, April 24, 15:30.

**Problem 1.** Exercise 5.1 from the book (Hilbert matrix, page 133).

**Problem 2.** Exercise 5.2 from the book (linear independence, page 133).

**Problem 3.** Exercise 5.3 from the book (formula (5.7), page 133).