



## PRACTICAL COURSE

# Simulation and Optimization of Mechatronic Drive Systems for MSPE

Summer Semester 2024

# EXPERIMENT 1

## MODEL OF THE DC MACHINE

### 1.1 Model of the DC Machine

- 1.) \* Answer the question here.
- 2.) \* Answer the question here.
- 3.) \* Answer the question here.

#### 1.1.1 Behavior of the DC Machine

- 4.) \*
  - (a) Answer the question here.
  - (b) Answer the question here.
  - (c) Answer the question here.
  - (d) Answer the question here.

#### 1.1.2 Converter Supplied Operation

- 10.) \* Answer the question here.
- 11.) \* Answer the question here.
- 13.) \* Answer the question here.