Chair of High-Power Converter Systems

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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.