



## PRACTICAL COURSE

# Simulation and Optimization of Mechatronic Drive Systems for MSPE

Summer Semester 2024

<div data-bbox="622 172 1013 228" data-label="Section-Header"><h2>EXPERIMENT 4</h2></div> <div data-bbox="217 237 1426 295" data-label="Section-Header"><h1>FIELD ORIENTED CONTROL OF THE AC DRIVE</h1></div>
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### 4.4 Implementation of the Field Oriented Control

#### 4.4.1 Current Control Loop

- 1.)
- 2.)
- 3.)
- 4.)

#### 4.4.2 Flux and Rotor Speed Control

- 9.)
- 10.)
- 11.)
- 14.)
- 15.)