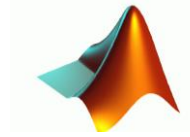


Art der Arbeit:

- simulativ** theoretisch **experimentell** konstruktiv
 Bachelorarbeit Projektarbeit **Studienarbeit** **Masterarbeit**



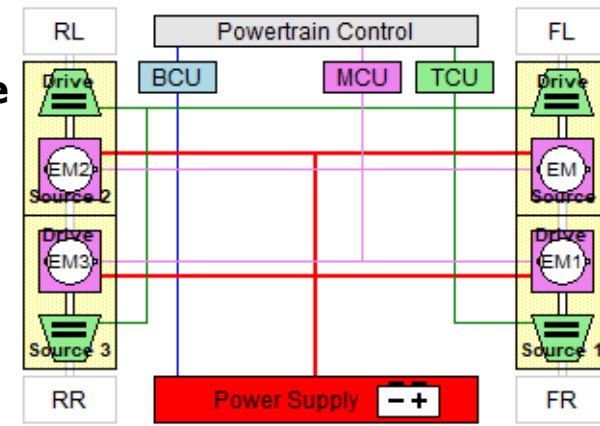
Dein Ziel:

Fault diagnosis and fault-tolerant control for the dynamics and stability of a 4WID vehicle

- This thesis topic aims to develop an active fault-tolerant control system that can detect and diagnose the actuator faults of 4WID vehicles and maintain the vehicle stability with a specialized controller.
- Performance validation in different driving scenarios.

Idealerweise bringst du Folgendes mit:

- Prior knowledge about Vehicle Dynamics and Modeling.
- Prior knowledge about Control Theory, especially State Estimation and Optimal Control.
- Software knowledge in IPG CarMaker und MATLAB Simulink.



Interesse geweckt?

Dann wende Dich an:

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Raum: NFF 186

Beginn:

ab sofort