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### Assessment of master's thesis

To whom it may concern,

Daniel Klöser, student ID 317832, wrote his Master's Thesis titled "Hierarchical Model Predictive Control for the dynamical power split of a Fuel Cell Hybrid Vehicle" at the Institute for Automatic Control in collaboration with the Chair for Medical Information Technology. The work was supervised by Verena Neisen, M.Sc. and Philip von Platen, M.Sc.

#### General

Daniel worked with a lot of motivation and perseverance during the complete working time of his master thesis. He was able to work very independently and required minimal assistance from the supervisors.

#### Scientific Work

Daniel applied state-of-art methods in modelling and controller design in order to solve the presented problem. His attention to detail, ability to source excellent literature and vast array of own ideas all contributed to the excellent solutions presented. The resulting work clearly presents an engineering advance in this research area and exceeded the envisioned goal of this task.

#### Writing and Presentation

The student produced a scientifically accurate and well written thesis. It documents all relevant work and results, and clearly shows the engineering relevance and excellence of this work. The final presentation of his work was very well received and he was able to answer all questions perfectly.

Based on the above given performance, the final grade of 1,0 was given.

Yours sincerely,

  
Dr.-Ing. Marian Walter  
Prof. Dr.-Ing. Dr. med. Dr. h. c. Steffen Leonhardt