

Timo Hinzmann

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DR.SC. (ETH ZURICH)

- 3D Vision
- Artificial Intelligence for Robotics
- Deep Learning

M.SC. ROBOTICS SYSTEMS AND CONTROL (ETH ZURICH)

- Autonomous Mobile Robots
- Control Systems II
- Dynamic Programming and Optimal Control
- ETH Zurich Distinguished Seminar in Robotics, Systems and Control
- Embedded Control Systems
- Image Analysis and Computer Vision
- Machine Learning
- Model Predictive Control
- Nonlinear Dynamics and Chaos I
- Nonlinear Systems and Control
- Probabilistic Artificial Intelligence
- Recursive Estimation
- Regelungstechnik II
- System identification
- Theory of Robotics and Mechatronics
- Unmanned Aircraft Design, Modeling and Control

B.SC. ELECTRICAL ENGINEERING AND INFORMATION TECHNOLOGY (KIT)

- Advanced Mathematics I/II/III
- Analysis and Design of Multisensor Systems
- Automation of Discrete and Hybrid Systems
- Communication Engineering I
- Complex Analysis and Integral Transformations
- Digital Technology
- Electric Energy Systems
- Electrical Machines and Power Electronics
- Electromagnetic Fields and Waves
- Electronic Devices and Circuits
- Fundamentals on High Frequency Techniques
- Image Processing for Navigation and Object Tracking Applications
- Information Technology
- Interference-resistant Communication
- Laboratory Course for Fundamental Electrical Engineering
- Laboratory in Information Technology
- Linear Electronic Devices
- Measurement Engineering
- Passive Components
- Physics I/II
- Principles of Flight Dynamics and Control
- Radar Systems Engineering
- Semiconductor Devices
- Sensors
- Signals and Systems
- Solid State Electronics
- Space Electronics and Telemetry
- Stochastic Control Systems
- System Dynamics and Control Engineering
- Theory of Probability