

Dynamic Systems for Computer Science Students

Scope of the Lecture

Basics of control theory of continuous time systems and its interconnection to embedded systems, in particular:

- Modeling dynamic systems
- Block diagrams, state space models
- Frequency responses and Laplace transformation
- PID control
- Stability
- Introduction to MATLAB and relevant toolboxes

Regular Dates

- Tuesday, 10.00 - 11.30 (AH III),
- Friday, 11.45 - 13.15 (AH III).

First: Friday, 15.10.2010, 11.45.

Last: Freitag, 4.2.2011., 11.45 Uhr.

Lectures and Exercises will be announced on time in the L2P-room.

Exam

First: 8.2.2011, 10.00. (AH III)

Second: 4.3.2011, 10.00. (AH III)

Important information concerning deadlines for the registration can be found [here](#).

Contact

- [Dipl.-Inform. Paul Hänsch](#)

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