E2011: Theoretical fundamentals of computer science

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Outline of the course

- Computing platforms: historical perspective; modern architectures.
- Data representation: numeral systems; precision.
- Boolean algebra; propositional calculus.
- Brief introduction to algorithms and complexity.
- Programming paradigms.
- Invited talks (Mgr. Jan Böhm)

Evaluations

- continously during the semester
- exam: open book (i.e. course materials); written