UNIVERSITY OF DEBRECEN
Doctoral School of Informatics

Comprehensive exam Foundations of computer science

Syllabus Classical and non-classical logic; proof theory; artificial intelligence; semantic web; data and text mining; knowledge representation; unconventional computation; computability and complexity theory; formal languages; computer algebra; theory of automata; automata networks, didactics of computer science.

Bibliography

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4. J. Hromkovic, R. Kralovic, J. Vahrenhold (szerk.): Teaching Fundamental Concepts of Informatics. Springer-Verlag Berlin Heidelberg, 2010.
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