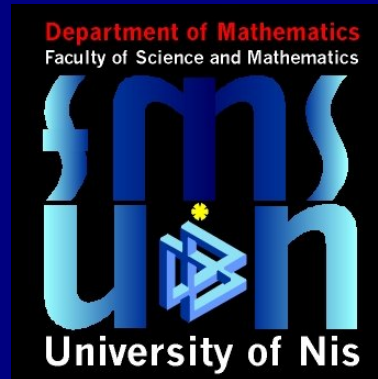

University of Niš

Faculty of Sciences and Mathematics



Department of Mathematics and Informatics

www.pmf.ni.ac.yu

Innovations in Teaching Methods

at

Faculty of Sciences and Mathematics
University of Niš

Miroslav Ćirić and Predrag Krtolica

Problems

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- ▷ long duration of study, etc.

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 - ▷ **they learn only immediately before the exams, not during the whole academic year, etc.**

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- ⊗ how to make the exams easier

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 - ▷ teachers do not spend time writing on the blackboard – they have more time for explanations
 - ▷ the presentations are available on the Faculty web-site, so students are not forced to take notes and are able to take a more active role in the teaching process

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- ⊗ the PDF version of a textbook for the course Theory of Languages and Automata, and manuscripts used for some other courses, can be also found on the Faculty web-site

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- ⊗ **we expect that this will be done soon, when our main web-designers return from the maternity leave**

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The best students have a chance to conduct research, as a part of our scientific projects

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- ⊗ it includes sets, relations, functions, propositional and predicate logic

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- ⊗ **we intend to apply similar methodology to other courses, especially to the first and second year ones**

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