Transformation of Formal Models

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BRNO UNIVERSITY OF TECHNOLOGY

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FACULTY OF INFORMATION TECHNOLOGY

Research Themes

Topic

- transformation of formal models
- grammars, automata, L systems, grammar systems

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- transformation to normal forms
- elimination of erasing rules
- reduction
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Applications
- compilation and parsing
- reverse engineering
- computational linguistics
- molecular biology

Publications

A. Meduna and P. Zemek
Regulated Grammars and Their Transformations
FIT BUT, Brno, CZ, 2010, p. 239

A. Meduna and P. Zemek
One-Sided Random Context Grammars
Acta Informatica, 2011 (in press)

- three submitted conference papers

- two submitted journal papers

The thank you slide.