Comenius University in Bratislava
Faculty of Mathematics, Physics and Informatics

THESIS ASSIGNMENT

Name and Surname: Mgr. Michal Nánási

Study programme: Computer Science (Single degree study, Ph.D. III. deg., full time form)

Field of Study: 9.2.1. Computer Science, Informatics

Type of Thesis: Dissertation thesis

Language of Thesis: English

Secondary language: Slovak

Title: Decoding of Hidden Markov Models with Applications to Sequence Alignment

Aim: The goal of the thesis is to analyze computational complexity of several optimization criteria for inference in hidden Markov models and to propose a new model for aligning sequences with tandem repeats.

Tutor: doc. Mgr. Bronislava Brejová, PhD.

Department: FMFI.KI - Department of Computer Science

Head of department: doc. RNDr. Daniel Olejár, PhD.

Assigned: 18.10.2010

Approved: 18.10.2010   prof. RNDr. Branislav Rovan, PhD.
Guarantor of Study Programme

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Student   Tutor