

Table of Contents

Parallel Process Functional Language	1
<i>Marek Běhálék, Petr Šaloun</i>	
Toolkits for Agent Development by Undergraduates and Non-Programmers .	13
<i>Ondřej Burkert, Cyril Brom, Jakub Gemrot, Michal Bída, Sam J. Partington, Joanna J. Bryson</i>	
Quantum Complexity Bounds of Independent Set Problems	25
<i>Sebastian Dörn</i>	
Properties and Application of Nondeterministic Quantum Query Algorithms	37
<i>Alina Dubrovska</i>	
A Transducer-Based Framework for Streaming XML Transformations	50
<i>Jana Dvořáková, Branislav Rován</i>	
Alliances in Graphs: a Complexity-Theoretic Study	61
<i>Henning Fernau, Daniel Raible</i>	
Ontology-Based Schema Integration	71
<i>Zdeňka Linková</i>	
Fully Active File System	81
<i>Ján Máté</i>	
A Formal Specification Framework for Ad Hoc Mobile Communication Networks	91
<i>Iakovos Ouranos, Petros Stefaneas, Panayiotis Frangos</i>	
Creating Permanent Test Collections of Web Pages for Information Extraction Research	103
<i>Bernhard Pollak, Wolfgang Gatterbauer</i>	
Pattern Matching Algorithms with Don't Cares	116
<i>M. Sohel Rahman, Costas S. Iliopoulos</i>	
Advantages of Modular Neural Network Architecture in Human Face Recognition	127
<i>Dominik Ramík</i>	
Author Index	136