

Table of Contents

| | |
|---|-----|
| Kolmogorov Complexity and Entropy Measures | 1 |
| <i>Luis Antunes, Armando Matos, André Souto, Andreia Teixeira</i> | |
| Nonconstructive Language Recognition by Finite Automata | 14 |
| <i>Kaspars Balodis, Rūsiņš Freivalds, Lauma Pretkalniņa, Inga Rumkouska, Madars Virza</i> | |
| Substantially Subcubic Approximation Schemes for Maximum Weight Bipartite Matching | 22 |
| <i>Cui Di, Andrzej Lingas</i> | |
| Identifying Entity Relationships in News Reports | 32 |
| <i>Martin Jačala, Jozef Tvarožek</i> | |
| Towards an Effective Labeling Method for the XML- Λ Framework | 42 |
| <i>Miloš Janek, Pavel Loupal</i> | |
| Distributed Algorithm Finding Regular Clustering in Unit Disk Graphs | 53 |
| <i>Krzysztof Krzywdziński</i> | |
| Disjunctive Normal Form for Event-Recording Logic | 63 |
| <i>Omer Landry Nguena Timo</i> | |
| Enhancements for Reactive Planning – Tricks and Hacks | 75 |
| <i>Tomáš Plch, Cyril Brom</i> | |
| Rulespect: Language-Independent Rule-Based AOP Model for Adaptable Context-Sensitive Web Services | 87 |
| <i>Syed Saif ur Rahman, Ateeq Khan, Gunter Saake</i> | |
| Kolmogorov Complexity Cores | 100 |
| <i>André Souto</i> | |