

Table of Contents

Advanced Computation of a Sparse Precision Matrix <i>Mohammed Elanbari, Reda Rawi, Michele Ceccarelli, Othamane Bouhali, and Halima Bensmail</i>	1
A Specialized Recursive Language for Capturing Time-Space Complexity Classes <i>Emanuele Covino and Giovanni Pani</i>	8
Hardware Realization of Robust Controller Designed Using Reflection Vectors <i>Jan Ciganeck, Michal Kocur, and Stefan Kozak</i>	14
Combining Code Refactoring and Auto-Tuning to Improve Performance Portability of High-Performance Computing Applications <i>Chunyan Wang, Shoichi Hirasawa, Hiroyuki Takizawa, and Hiroaki Kobayashi</i>	20
The Study of Statistical Simulation for Multicore Processor Architectures <i>Jongbok Lee</i>	27
A New Refutation Calculus With Logical Optimizations for PLTL <i>Mauro Ferrari, Camillo Fiorentini, and Guido Fiorino</i>	31