

INDEX

<i>Peltonen J. and Vartiainen M.:</i> An agent based architecture style for application integration	3
<i>Systä T. and Hartikainen M.:</i> Towards a profile-based approach to manage SOA-to-SOA integration challenges	23
<i>Dražić G., Dobrić D., Radovanović M. and Ivanović M.:</i> Reference extraction and coauthorship visualization of semi-structured bibliographic data	43
<i>Preden J. and Helander J.:</i> Context awareness in distributed computing systems	57
<i>Vesin B., Ivanović M. and Budimac Z.:</i> Learning management system for programming in Java	75
<i>Robotka Zs. and Zempléni A.:</i> Image retrieval using Gaussian mixture models	93
<i>Tejfel M., Kozsik T. and Horváth Z.:</i> A semantic model for proving properties of clean I/O programs	107
<i>Dévai G. and Pataki N.:</i> A tool for formally specifying the C++ standard template library	147
<i>Fülöp L.J., Ilia Á., Végh Á.Z., Hegedűs P. and Ferenc R.:</i> Comparing and evaluating design pattern miner tools	167
<i>Pásztor Varga K. and Várterész M.:</i> Many-valued logic, mappings, ICF graphs, normal forms	185
<i>Juhás M., Juhász Z., Samuelis L. and Szabó Cs.:</i> Measuring the complexity of students' assignments	202
<i>Ruff L.:</i> Optimisation of bidirectional systolic arrays with sparse input by "folding"	217
<i>Szilágyi Kocsisné Gy.:</i> Learning of constraint logic programs by combining unfolding and slicing techniques	235

ANNALES UNIVERSITATIS SCIENTIARUM
BUDAPESTINENSIS
DE ROLANDO EÖTVÖS NOMINATAE
SECTIO COMPUTATORICA

Publication. Yearly 2 issues are scheduled to appear, which are available from the Department of Computer Algebra of the Eötvös Loránd University, Budapest, XI. Pázmány Péter sét. 1/C.

Editorial policy. This journal publishes research and, in special cases, survey papers treating problems from a broad field of applied mathematics written with mathematical precision, giving priorities to articles connected with the activities and interests within the departments of applied mathematics of the Eötvös University. The areas of main interest are: classical numerical analysis, modern theories of algorithms of approximation, their optimization both in deterministic and stochastic cases, summation of series, modelling and simulation, mathematical system theory, estimations of computational complexity, theory of automata, languages and system programming. Reviews of new books, both from and outside Hungary, will be also published.

Instructions for authors. Manuscripts should be submitted in two exemplars and possibly (parallelly) on magnetic discs (using text preparation programs TEX) - written in English, German or French and prepared in form as the ones already appeared - to the editor-in-chief

IMRE KÁTAI

Department of Computer Algebra, Eötvös Loránd University
H-1518 Budapest, P.O.B. 32.
Hungary

Additional information can be obtained on

compalg.inf.elte.hu/annales/computatorica

ISSN 0138-9491

Technikai szerkesztő:
DR. LAKATOS LÁSZLÓ
A kiadásért felelős az Eötvös Loránd Tudományegyetem rektora

Készítette:
Jász Nyomda és Kiadó Kft
Tel: 20/9414-005
200 példány
Felelős kiadó: Dr. Kátai Imre