

INDEX OF VOLUME 43

<i>Rakonczai, P., L. Varga and A. Zempléni</i> : Copula fitting to auto-correlated data, with applications to wind speed modelling	3
<i>Revesz, P.Z.</i> : Arbitration solutions to bargaining and game theory problems	21
<i>Sidló, Cs. I., A. J. Molnár, G. Lukács and A. A. Benczúr</i> : Theoretical foundations of entity resolution models	39
<i>Szücs, I. and A. Kiss</i> : Community shell's effect on the disintegration of social networks	57
<i>Thalheim, B.</i> : The pragmatic notion of information	69
<i>Thanh The Van and Thanh Manh Le</i> : RBIR using interest regions and binary signatures	89
<i>Thanh The Van and Thanh Manh Le</i> : Image retrieval based on binary signature and S-kgraph	105
<i>Vu Le Anh, Hai Vo Hoang, Hieu Le Trung, Kien Le Trung and Jason J. Jung</i> : Evaluating scientific publications by N-linear ranking model	123
<i>Simon, I.</i> : Construction of 2-adic Chebyshev polynomials	149
<i>Chripkó, Á.</i> : On the weighted Grünwald-Rogosinski process	163
<i>Kasza, J.</i> : On the graphs of primes determined by linear functions . .	181
<i>Németh, Zs.</i> : Discrete uniformly convergent processes on the roots of four kinds of Chebyshev polynomials	193
<i>Hilberdink, T.</i> : Maximal order of a class of multiplicative functions . .	217
<i>Robbins, N.</i> : On compositions whose parts are polygonal numbers . . .	239
<i>Giao, H.T.L., I. Kátai and Bui Minh Phong</i> : On the iterates of some multiplicative functions	245
<i>Kátai, I., Bui Minh Phong and Le Manh Thanh</i> : Some results and problems in probabilistic number theory	253
<i>Nguyen Cong Hao, I. Kátai and Bui Minh Phong</i> : Research problems in number theory	267

<i>Kátaí, I.</i> : Happy birthday Feri, happy birthday Péter	279
<i>Kátaí, I. and Bui Minh Phong</i> : The functional equation $f(\mathcal{A} + \mathcal{B}) = g(\mathcal{A}) + h(\mathcal{B})$	287
<i>Le Xuan Huy and Nguyen Xuan Thao</i> : On the Laplace generalized convolution transform	303
<i>Kátaí, I.</i> : Correction to my paper "Laudation to Dr. Bui Minh Phong on his 60th anniversary"	317

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 and computer science written with mathematical precision, giving priorities to articles connected with the activities and interests within the departments of applied mathematics and computer science 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 or in electronic form (the TEX and PDF files) - 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
katai@compalg.inf.elte.hu

Additional information can be obtained on

<http://ac.inf.elte.hu/>