

# List of accepted papers

RuFiDiM 2012

Rani Siromoney	Hexagonal Array Grammar and Tiling
Arye Juhász	An application of word combinatorics to isoperimetric functions of partial tessellations of the plane, generated by piecewise rotations of the circle
L'. Balková, E. Pelantová, S. Starosta	ON BRLEK-REUTENAUER CONJECTURE
Gerhard Lischke	k-root words and their clusters
A. Fuster-Sabater	Discrete Sequences for Secret-Key Cryptography
Irina A. Gorbunova	Repetition threshold for circular words
Elena Petrova and Arseny Shur	Constructing Premaximal Ternary Square-Free Words of Any Level
Anton Cerny	On Prouhet-Like Solutions to the Prouhet-Tarry-Escott Problem
P. V. Martyugin	Synchronization of automata with one undefined transition
Mikhail V. Rubinchik, Yulia V. Gamzova	Two pattern matching problems for strings with compatibility relations
K. Brinda	On the balance of d-bonacci word
Dmitry Itsykson, Dmitry Sokolov	On short heuristic proofs of graph nonisomorphism
Vladimir V. Gusev, Marina I. Maslennikova, Elena V.	Principal Ideal Languages and Synchronizing Automata
Svetlana Obraztsova, Alexei Pastor	About vertices of degree 5 of minimally and contraction critically 5-connected graphs
Mohamed Dahmoune, Djelloul Ziadi	On the transition reduction problem for finite automata
G. V. Nenashev	On existence of noncritical vertices in digraphs
Lesha Khvorost	Computing All Squares in Compressed Texts
Alexandr Valyuzhenich	Permutation complexity of the fixed points of comparable binary morphisms
V. Chonev, J. Ouaknine, J. Worrell	The Orbit Problem in Higher Dimensions
Joel Ouaknine, James Worrell, Matthew Daws	The Positivity Problem for Low-Order Linear Recurrence Sequences
Ilya Ponomarenko	Circulant graphs and cyclic Schur groups
Antti Valmari	Sizes of Up-to-n Halting Testers
Pascal Ochem	More on square-free words obtained from prefixes by permutations
Maxim Vsemirnov	Büchi sequences and related problems
Dmitry Chistikov, Valentina Fedorova, Darya Kaftan,	Certificates of Non-Membership for Classes of Read-Once Functions
Dmitry Itsyksony, Vsevolod Oparinz	Graph expansion, Tseitin formulas and resolution proofs for CSP
Alexander Guterman	On the primitivity for matrix k-tuples
Ville Salo, Ilkka Törmä	Playing with Subshifts?
Ville Salo	Realizing Subshifts as Sets of Surjective and Injective Nonuniform CA
Tero Harju, Mike Müller	Square-Free Words generated by Applying Permutations to a Prefix
GABRIELE FICI AND LUCA Q. ZAMBONI	ON THE LEAST NUMBER OF PALINDROMES IN AN INFINITE WORD