

List of accepted papers

1	Dimitry S. Ananichev, Vladimir V. Gusev	Approximation of reset thresholds with greedy algorithms	Institute of Mathematics and Computer Science, Ural Federal University, Ekaterinburg, Russia
2	Eugene Barkovsky	Some models of representation of two parallel FIFO-queues and their optimal control	Institute of Applied Mathematical Research, Karelian Research Centre, Russian Academy of Sciences, Petrozavodsk, Russia
3	Irina Cheplyukova	Limit theorems for the number of multiple edges in the configuration graph	Institute of Applied Mathematical Research, Karelian Research Centre of Russian Academy of Sciences, Petrozavodsk, Russia
4	Danila D. Cherkashin	On property B of hypergraphs	St.Petersburg State University, Russia
5	Andrew V. Drac	Paged representation of stacks in single-level memory	Institute of Applied Mathematical Research, Karelian Research Centre of Russian Academy of Sciences, Petrozavodsk, Russia
6	Denis D. Dublennykh	Descriptive complexity of additive shift of regular language	Institute of Mathematics and Computer Science Ural Federal University, Ekaterinburg, Russia
7	Vladimir Edemskiy	About the linear complexity of sequences over the finite field of four elements	Novgorod State University, Veliky Novgorod, Russia
8	Dmitry Eibozhenko ¹ and Joseph Romanovsky ²	Dynamic Programming Usage in Steiner Problem in Graphs	¹ Software developer, Yandex, Russia ² St.Petersburg State University, Russia
9	Dmitry Itsykson ¹ , Mikhail Slabodkin ² , and Dmitry Sokolov ¹	Resolution complexity of perfect matching principles for sparse graphs	¹ Steklov Institute of Mathematics at St.Petersburg ² St. Petersburg Academic University
10	Anna A. Ivashko ¹ , Elena N. Konovalchikova ²	Discrete time two-sided mate choice problem with age preferences	¹ Institute of Applied Mathematical Research Karelian Research Center of RAS, Russia, Petrozavodsk ² Transbaikal State University, Russia, Chita,
11	Ville Junnila and Tero Laihonon	Minimum Number of Input Clues in an Associative Memory	Department of Mathematics and Statistics, University of Turku
12	Elena V. Feklistova, Yuri L. Pavlov	On the behaviour of an graph edge number in a power-law near a critical point random	Institute of Applied Mathematical Research, Karelian Research Centre of Russian Academy of Sciences, Petrozavodsk, Russia
13	Sebastien Ferenczi ¹ and Luca Q. Zamboni ²	Clustering words and interval exchanges	¹ Institut de Mathematiques de Marseille, France ² Institut Camille Jordan, Universite Claude Bernard Lyon 1, France and Department of Mathematics and Turku Centre for Computer Science, University of Turku, Finland
14	Vesa Halava ¹ , Tero Harju ¹ , Reino Niskanen ¹ , Igor Potapov ²	Undecidability for integer weighted Buchi automata and Robot Games with states	¹ Department of Mathematics and Statistics, University of Turku, Finland ² Department of Computer Science, University of Liverpool, UK
15	Dmitri V. Karpov	On vertices of degree k in minimal k-connected graphs	St. Petersburg Department of V.A. Steklov Institute of Mathematics of The Russian Academy of Sciences
16	Elena V. Khvorostyanskaya	On the number of trees of a given size in a conditional Poisson Galton-Watson forest	Institute of Applied Mathematical Research Karelian Research Center of RAS, Russia, Petrozavodsk
17	Kolchin Andrei, Kolchin Valentin, N. Yu. Enatskaya	Allocations of particles to cells and partitions of a number	Steklov Institute of Mathematics, Moscow, Russia

18	A. V. Kolchin	On application of the probabilistic method to analysing the partitions of an integer	Steklov Institute of Mathematics, Moscow, Russia
19	Dmitry G. Korzun	On Relation of Linear Diophantine Equation Systems with Commutative Grammars	Petrozavodsk State University, Faculty of Mathematics, Department of Computer Science, Petrozavodsk, Russia
20	Marina M. Leri, Yuri L. Pavlov	Forest fire models on configuration random graphs	Institute of Applied Mathematical Research, Karelian Research Centre, Russian Academy of Sciences
21	Marina Maslennikova	Complexity of checking whether two automata are synchronized by the same language	Ural Federal University, Ekaterinburg, Russia.
22	Marina Maslennikova ¹ , Emanuele Rodaro ²	Principal (Left) Ideal Languages, Constants and Synchronizing Automata	¹ Institute of Mathematics and Computer Science, Ural Federal University, Ekaterinburg, Russia ² Centro de Matemática, Faculdade de Ciências, Universidade do Porto, Portugal
23	Takashi Matsuhisa	Subgroup Nash Equilibrium and Communication for S5n-Knowledge	Ibaraki National College of Technology, Japan
24	Vladimir Mazalov ¹ , Ludmila I. Truhina ²	Generating functions and cooperation in communication networks	¹ Institute of Applied Mathematical Research, Karelian Research Centre of Russian Academy of Sciences, Petrozavodsk, Russia ² Chita Branch of Baikal Institute of Economics and Low, Chita, Russia
25	Gleb Nenashev	On Heawood-type problems for maps with tangencies	St.Petersburg State University, Chebyshev Laboratory
26	Svetlana N. Selezneva	On the Multiplicative Complexity of Some Boolean Functions	Moscow State University, Russia
27	Alexei V. Pastor	About vertices of degree 6 of C3-critical minimal 6-connected graph	St.Petersburg Department of V.A.Steklov Institute of Mathematics of the Russian Academy of Sciences
28	Ilya Ponomarenko	Coset closure of a circulant S-ring and schurity problem	St. Petersburg Department of Steklov Institute of Mathematics, Russia
29	Anna N. Rettieva	Asymmetry in Discrete-Time Bioresource Management Problem	Institute of Applied Mathematical Research Karelian Research Center of RAS, Russia, Petrozavodsk
30	Mikhail Rubinchik and Arseny M. Shur	On the Number of Distinct Subpalindromes in Words	Ural Federal University, Ekaterinburg, Russia
31	Aleksi Saarela	Equivalence Relations Defined by Numbers of Occurrences of Factors	Department of Mathematics and Statistics, University of Turku, Finland
32	Pavel Tarasov	Several Necessary Conditions For Uniformity of Finite Systems of Many-valued Logic	Moscow State University, Russia
33	Alexandr Valyuzhenich	On connection between permutation complexity and factor complexity of infinite words	Sobolev Institute of Mathematics, Novosibirsk