

Conference Program

Contributed Talks

Sunday, July 23, 2017

16:50 – 17:30 Chair: Mikhail Volkov

16:50 – 17:10 Hanan Shabana: *Using Sat solvers for synchronization issues in nondeterministic automaton*

17:10 – 17:30 Marina Sorokina: *The \mathfrak{F}_Ω -covering subgroups and \mathfrak{F}_Ω -projectors of finite groups*

17:35 – 18:15 Chair: Vladislav Kabanov

17:35 – 17:55 Alexander Valyuzhenich: *Minimal supports of eigenfunctions of Hamming graphs*

17:55 – 18:15 Sergey Goryainov: *On Perfect 2-colorings of Johnson Graphs $J(n, 3)$ and Bilinear Forms Graphs $Bil_2(2 \times d)$*

Monday, July 24, 2017

15:30 – 16:30 Chair: Alexander Makhnev

15:30 – 15:50 Ludmila Tsiovkina: *On automorphisms of $AT^4(5, 7, 3)$ -graphs*

15:50 – 16:05 Ivan Belousov: *Codes in Shilla graphs with $b_2 = c_2$*

16:05 – 16:30 Marina Nirova: *On automorphisms and eigenvalues of distance-regular graphs*

16:30 – 16:50 Coffee break

16:50 – 18:10 Chair: Dushan Pagon

16:50 – 17:10 Michele Mulazzani: *Graph complexity and tetrahedral complexity of compact 3-manifolds*

17:10 – 17:30 Sho Kubota: *Unification of graph products and compatibility with switching*

17:30 – 17:50 Tanja Gologranc: *Grundy dominating sequences and zero forcing sets*

17:50 – 18:10 Muhammed Azeef: *Cross-connections of completely 0-simple semigroups*

Tuesday, July 25, 2017

15:30 – 16:30 Chair: Anatoly Kondrat'ev

15:30 – 15:50 Maria Grechkoseeva: *On the largest element orders of the simple orthogonal groups of characteristic 2*

15:50 – 16:10 Natalia Maslova: *Subgroups of Odd Index in Finite Simple Groups*

16:10 – 16:30 Grigory Ryabov: *On abelian Schur groups of odd order*

16:30 – 16:50 Coffee break

16:50 – 18:10 Chair: Maria Grechkoseeva

16:50 – 17:10 Andrey Mamontov: *Recognizing small finite simple groups by element orders in the class of all groups*

17:10 – 17:30 Alexey Staroletov: *On characterization of alternating and symmetric groups by prime graph*

17:30 – 17:50 Dušan Pagon: *On the realizability of a graph as the Grünberg–Kegel graph of a finite group*

17:50 – 18:10 Marianna Zinovieva: *On finite simple linear groups over fields of different characteristics with coinciding prime graphs*

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Contributed Talks

Wednesday, July 26, 2017

15:30 – 16:30 Chair: Natalia Maslova

15:30 – 15:50 Mohammad Hadi Hooshmand: *An upper class of CLT-groups*

15:50 – 16:10 Timur Nasybullov: *Reidemeister spectrum of special and general linear groups over some fields contains 1*

16:10 – 16:30 Maria Lisitsyna: *Perfect colorings of the infinite n -multipath graph*

16:30 – 16:50 Coffee break

16:50 – 18:10 Chair: Denis Krotov

16:50 – 17:10 Ekaterina Khomyakova: *On multiplicities of largest eigenvalues of the Star graph*

17:10 – 17:30 Leonid Shalaginov: *Eigenfunctions of the largest non-principal eigenvalue $n - 2$ in the Star graphs*

17:30 – 17:50 Dmitry Panasenkov: *Cycles in the 3-Big Pancake graphs*

17:50 – 18:10 Dmitriy Gostevsky: *Greedy cycles in the Star graphs*

Thursday, July 27, 2017

15:30 – 16:30 Chair: Vitaly Baransky

15:30 – 15:50 Tatiana Senchonok: *On maximal graphical partitions*

15:50 – 16:10 Pavel Gein: *On chromaticity uniqueness of some full tripartite graphs*

16:10 – 16:30 Dmitry Skokov: *Cancellable elements of the lattice of semigroup varieties*

16:30 – 16:50 Coffee break

16:50 – 18:10 Chair: Danila Revin

16:50 – 17:10 Mateja Grašič: *Zero product determined algebras*

17:10 – 17:30 Sergey Gusev: *On the lattice of overcommutative varieties of monoids*

17:30 – 17:50 Nikolay Minigulov: *Finite groups with no elements of order 6*

17:50 – 18:10 Christina Ilyenko: *On coincidence of classes E_{π_x} and D_{π_x} of finite groups*

Section of Topology 16:50 – 18:10 Chair: Sergey Matveev

16:50 – 17:10 Sergey Medvedev: *On piecewise continuous mappings of paracompact spaces*

17:10 – 17:30 Alexander Osipov: *On algebraic structure of a space of \mathbb{R}^T -valued continuous functions with the set-open topology*

17:30 – 17:50 Maria Filatova: *Relative resolvability of topological spaces*

17:50 – 18:10 Anton Lipin: *On resolvability at a point of topological spaces*

Friday, July 28, 2017

15:30 – 16:30 Chair: Vladimir Trofimov

15:30 – 15:50 Kirill Kostousov: *Symmetrical 2-extensions of the 2-dimensional grid*

15:50 – 16:10 Anton Konygin: *On the question by Cameron about primitive permutation groups with stabilizer of two points that is normal in the stabilizer of one of them*

16:10 – 16:30 Vyacheslav Belonogov: *Finite groups with four classes of conjugate maximal subgroups*

16:30 – 16:50 Coffee break

16:50 – 18:10 Chair: Vissarion Belyaev

16:50 – 17:10 Boris Veretennikov: *On commutator subgroups of finite 2-groups generated by involutions*

17:10 – 17:30 Ruslan Skuratovskii: *Structure of commutator subgroups and centralizers of Sylow 2-subgroups of alternating and symmetric groups, minimal generating sets of Sylow 2-subgroups of alternating groups, and applications to cryptography*