Timur Nasybullov

Curriculum Vitae

Personal data

Name	Timur Nasybullov
Email	timur.nasybullov@mail.ru
Homepage	http://math.nsc.ru/~ntr
Scopus	https://www.scopus.com/authid/detail.uri?authorId=55357962300
Web of Science	https://publons.com/researcher/AAD-5004-2019/
MathSciNet	https://mathscinet.ams.org/mathscinet/search/author.html?mrauthid=998560
ORCID iD	0000-0003-3900-022X
Date of birth	16 April 1991
Place of birth	Serov, Russia
Place of residence	Novosibirsk, Russia
Languages	Russian (native)
	English (advanced)
	Dutch, Italian, French (basic)
Family	Wife – Kristina Nasybullov, 30 years old
	Daughter – Sabrina Nasybullova, 1 year old

Education and degrees

Bachelor of Math	Novosibirsk State University, 2008-2012
	Department of Algebra and Mathematical Logic
	Diploma with honors

Master of Math	Novosibirsk State University, 2012-2014
	Department of Algebra and Mathematical Logic
	Diploma with honors
Ph.D	Novosibirsk State University, 2014-2015
	Thesis: Twisted conjugacy classes in linear groups
	Advisor: Prof. Dr. Valeriy Bardakov
Habilitation degree	Sobolev Institute of Mathematics, 2022
	Thesis: Algebraic structures arising from the Yang-Baxter equation, their applications and properties
	Consultant: Prof. Dr. Valeriy Bardakov

Additional education

2019-2020	The program "School of Rectors 18: Managing University Transformation" by Skolkovo
2021-2022	The program "Master in public strategy" by Skolkovo

Positions held

2012-2014	Research ingeneer
	Sobolev Institute of Mathematics, Russia
2014-2015	Junior research fellow
	Sobolev Institute of Mathematics, Russia
2015-2016	Postdoc
	University of Bologna, Italy
2016-2019	Postdoc
	KU Leuven, Campus Kulak, Belgium
2019-2021	Research fellow
	Sobolev Institute of Mathematics, Russia
2021-2022	Deputy director
	Sobolev institute of mathematics, Russia
2022-Present	Senior research fellow
	Sobolev Institute of Mathematics, Russia
2019-Present	Assistant professor
	Novosibirsk State University, Russia
2020-Present	Deputy director
	Mathematical center in Akademgorodok, Russia
April–June, 2017	Visiting researcher
	University of Sao Paulo, Brazil

May–July, 2018	Visiting researcher
	University of Sao Paulo, Brazil
July–August, 2019	Visiting researcher
	IISER Mohali, India

Teaching expeirence

2021-Present	Giving lectures of the main course "Complex analysis" (in English), Novosibirsk State University, Russia
2020-Present	Giving lectures and exercise sessions of the main course "Algebra and geometry" (in Russian), Novosibirsk State University, Russia
2019-2020	Giving lectures and exercise sessions of the main course "Higher algebra" (in Russian), Novosibirsk State University, Russia
2018-2019	Giving lectures of the main course "Complex analysis" (in English), KU Leuven, Belgium
2017-2018	Giving lectures of the special course "Knot theory" (in English), KU Leuven, Belgium
2014-2015	Giving exsercise sessions of the main course "Higher algebra" (in Russian), Novosibirsk State University, Russia
Students	Marlies Vantomme (2018-2019, KU Leuven)
	Elizaveta Markhinina (2021-present, Novosibirsk State University)
	Luka Nikiforov (2021-present, Novosibirsk State University)
	Igor Novikov (2021-present, Novosibirsk State University)
	Viacheslav Zadvornov (2023-present, Novosibirsk State University)

Research interests

Group theory, knot theory, twisted conjugacy classes in groups, braid groups, Yang-Baxter equation

Publications

(23)	2024	V. Bardakov, T. Nasybullov, Multi-switches and representations of braid groups, Journal of Algebra and its Applications, V. 23, N. 3, 2430003
(22)	2022	V. Bardakov, T. Nasybullov, M. Singh, General constructions of biquandles and their symmetries, Journal of Pure and Applied Algebra, V. 227, N. 7, 106936
(21)	2022	V. Bardakov, I. Emel'yanenkov, M. Ivanov, T. Kozlovskaya, T. Nasybullov, A. Vesnin, Virtual and universal braid groups, their quotients and representations, Journal of Group Theory, 10.1515/jgth-2021-0114
(22)	2021	I. Gorshkov, T. Nasybullov, Finite skew braces with solvable additive group, Journal of Algebra, V. 574, 172–183
(19)	2021	V. Bardakov, T. Nasybullov, Multi-switches and virtual knot invariants, Topology and its Applications, V. 293, 107552

(18) 2021   M. Bonatto, A. Crans, T. Nasybullov, G. Whitney, Quandles with orbit series conditions, Journal of Algebra, V. 567, 284–309

(17) 2020   T. Nasybullov, Chevalley groups of types B_n, C_n, D_n over certain fields do not possess the R_∞-property, Topological Methods in Nonlinear Analysis, V. 56, N. 2, 401–417.

(16) 2020   V. Bardakov, T. Nasybullov, Multi-Switches, Representations of Virtual Braids, and Invariants of Virtual Links, Algebra and Logic, V. 59, N. 4, 341–345

(15) 2020   V. Bardakov, T. Nasybullov, Embeddings of quandles into groups, Journal of Algebra and its Applications, V. 19, N. 7, 2050136

(14) 2020   A. Cattabriga, S. Matveev, M. Mulazzani, T. Nasybullov, On the complexity of non-orientable Seifert fibre spaces, Indiana University Mathematics Journal, V. 69, N. 2, 421–451

(13) 2019   D. Gonçalves, T. Nasybullov, Explicit solutions of certain orientable quadratic equations in free groups, International Journal of Algebra and Computations, V. 29, N. 8, 1451–1466

(12) 2019   T. Nasybullov, Connections between properties of the additive and the multiplicative groups of a two-sided skew brace, Journal of Algebra, V. 540, 156–167

(11) 2019   T. Nasybullov, Reidemeister spectrum of special and general linear groups over some fields contains 1, Journal of Algebra and its Applications, V. 18, N. 8, 1950153

(10) 2019   V. Bardakov, T. Nasybullov, M. Singh, Automorphism groups of quandles and related groups, Monatshefte fur Mathematik, V. 189, N. 1, 1–21

(9) 2019   D. Gonçalves, T. Nasybullov, On groups where the twisted conjugacy class of the unit element is a subgroup, Communications Algebra, V. 47, N. 3, 930–944

(8) 2019   T. Nasybullov, Twisted conjugacy classes in unitriangular groups, Journal of Group Theory, V. 22, N. 2, 253–266.

(7) 2018   A. Cattabriga, T. Nasybullov, Virtual quandle for links in lens spaces, RACSAM, V. 112, 657–669

(6) 2016   T. Nasybullov, The R_∞-property for Chevalley groups of types B_l, C_l, D_l over integral domains, Journal of Algebra, V. 446, 489–498

(5) 2016   A. Fel'shtyn, T. Nasybullov, The R_∞ and S_∞ properties for linear algebraic groups, Journal of Group Theory, V. 19, 901–921

(4) 2016   T. Nasybullov, Classification of fused links, Journal of Knot Theory and Its Ramifications, V. 25, N. 14, 1650076

(3) 2015   T. Nasybullov, Twisted conjugacy classes in Chevalley groups, Algebra and Logic, V. 53, N. 6, 481–501

(2) 2013   V. Bardakov, T. Nasybullov, M. Neshchadim, Twisted conjugacy classes of the unit element, Siberian Mathematical Journal, V. 54, N. 1, 10–21

(1) 2012   T. Nasybullov, Twisted conjugacy classes in general and special linear groups, Algebra and Logic, V. 51, N. 3, 220–231

Conference talks

October, 2023	The third conference of mathematical centers of Russia, Maikop, Russia
September, 2023	International conference «Combinatorial and computational methods in algebra and logic», Omsk, Russia (plenary talk)
September, 2023	International conference «Geometric and algebraic methods in knot theorys», Sochi, Russia (plenary talk)
July, 2022	International conference «Knot theory and applications», Tomsk, Russia (plenary talk)
June, 2022	Satellite Conference «Lobachevsky Readings» of the International Congress of Mathematicians, Kazan, Russia (plenary talk)
September, 2021	Geometry days in Novosibirsk, Novosibirsk, Russia (plenary talk)
September, 2021	Mal'tsev Meeting, Novosibirsk, Russia (plenary talk)
August, 2021	Conference of mathematical centres of Russia, Knot theory section, Sochi, Russia (plenary talk)
July, 2021	Groups and quandles in low-dimensional topology, Tomsk, Russia (plenary talk)
June, 2021	Graphs and Groups, Geometries and GAP Summer Scholl, Rogla, Slovenia
September, 2020	Geometry Days in Novosibirsk – 2020, Novosibirsk, Russia (plenary talk)
August, 2020	Conference on Physical Knotting, Vortices and Surgery in Nature, Novosibirsk, Russia (plenary talk)
June, 2019	Nielsen Theory and Related Topics, Kortrijk, Belgium (plenary talk)
November, 2018	Mal'tsev Meeting, Novosibirsk, Russia
December, 2017	7th East Asian Conference on Algebraic Topology (EACAT7), Mohali, India (plenary talk)
November, 2017	Mal'tsev Meeting, Novosibirsk, Russia
August, 2017	Groups St Andrews 2017 in Birmingham, Birmingham, United Kingdom
July, 2017	The International Conference and PhD-Master Summer School «Groups and Graphs, Metrics and Manifolds», Yekaterinburg, Russia
June, 2016	Nielsen Theory and Related Topics, Rio Claro, Brazil (plenary talk)
June, 2015	The International workshop «Problems between model theory and universal algebra», Altai, Russia
July, 2014	International Workshop «Knots, Braids and Automorphism groups», Novosibirsk, Russia
April, 2014	52nd International Scientific Students Conference, Novosibirsk, Russia
July, 2013	The International Scientific Conference «Algebra and Logic, Theory and Applications», Krasnoyarsk, Russia
July, 2013	The International Conference on Group Theory in Honor of the 70th Birthday of Professor Victor D. Mazurov Novosibirsk, Russia
June, 2013	Nielsen Theory and Related Topics, Daejeon, Korea (plenary talk)

July, 2012	The International workshop «Algorithmic problems in group theory and related areas», Altai, Russia
April, 2012	50th International Scientific Students Conference, Novosibirsk, Russia
July, 2011	International Conference on Ring Theory dedicated to the 90th anniversary of Anatolii Illarionovich Shirshov, Novosibirsk, Russia
April, 2011	49th International Scientific Students Conference, Novosibirsk, Russia

Prizes and honors

2023	Recognition of the "Childhood Award" in the nomination "The Best Scientist according to the Young Generation"
2014	The medal of the Russian Academy of Science for the best students works
2014	The medal of honour «Future of Novosibirsk region»
2014	Lavrentyev's student paper contest (III prize)
2014	International Scientific Students Conference (I prize)
2014	Personal scholarship of Baker Hughes company
2013	Personal scholarship of the Government of Novosibirsk city
2012	Personal scholarship of Shclumberger company
2012	Personal scholarship of Vladimir Potanin charitable fund
2012	International Scientific Students Conference (III prize)
2011	Personal scholarship of Vladimir Potanin charitable fund
2011	International Scientific Students Conference (II prize)

Grants

2021-2022	Grant "Applied abstract algebra: algebraic methods in topology, combinatorics and complexity theory" of the Mathematical canter in Akademgorodok (project leader)
2020-2021	Grant "Algebraic combinatorics and combinatorial algebra" of the Mathematical canter in Akademgorodok (principal investigator)
2019-2021	Grant "Global knot theory: invariants and classification" of the Russian Science Foundation (principal investigator)
2014-2015	Grant "Study of the structure of groups and algebras, algorithmic problems in groups and algebras and their applications" of the Russian Science Foundation

Additionally

I have won prizes in public speaking tournaments several times.
I have acted as an expert in public speaking and slide presentation preparation at several events.
I have been practicing table tennis for more than 15 years.
I serve as an expert in mathematics in various state competitions between universities and scientific organizations.