Varuzhan Sergei Atabekyan

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Faculty of Mathematics and Mechanics
Chair of Algebra and Geometry
Professor

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Chair of Algebra and Geometry
Professor

Faculty of Mathematics and Mechanics
Chair of Algebra and Geometry
Acting Head of Chair, Professor

Faculty of Mathematics and Mechanics
Center for Mathematical and Applied Research
Laboratory of Mathematical Research
head of laboratory

Education

Institution	- Other -
Faculty	Mechanics and Mathematics
Date	1983 - 1986
Degree name	PhD student

Institution	Yerevan State University
Faculty	Mechanics and Mathematics
Date	1978 - 1983
Degree name	Qualified specialist

Scientific Rank/degree

Institution	Yerevan State University
Date	2012
Degree name	Professor

Institution	- Other -
Date	2011
Degree name	Doctor
Research Topic	On subgroups and automorphisms of free Burnside groups

Institution	- Other -
Date	1987

Degree name	Candidate
Scientific Supervisor	A.Yu.Ol'shanskii
Research Topic	Diagram's Method and Groups with Identities

Work experience

Institution	Yerevan State University
Period of time	2013 till now
Rank/degree	Head of Chair, Algebra and Geometry

Institution	Yerevan State University
Period of time	2012 till now
Rank/degree	Professor

Institution	Yerevan State University
Period of time	1990 - 2011
Rank/degree	Assistant professor

Institution	Yerevan State University
Period of time	1987 - 1989
Rank/degree	Assistant

Membership

Institution	Member of the Editorial Board of the “Journal of Contemporary Mathematical Analysis”
Period of time	2011 till now

Institution	Editor-in-Chief of the journal “Proceedings of the Yerevan State University, Physical and Mathematical Sciences”
Period of time	2009 till now

Institution	American Mathematical Society
Period of time	2009 till now

Institution	Moscow Mathematical Society
Period of time	1996 till now

State awards and honorary titles

2010 Presidential Award, Republic of Armenia

2019 Golden medal of Yerevan State University for significant contribution to the development of university education

2020 TEACHING EXCELLENCE AWARD AT YEREVAN STATE UNIVERSITY

2016 Honorary Professor at Russian-Armenian State University

1986 The winner of young scientists' contest in honor of 275-th anniversary of M. Lomonosov, Moscow State University

Publications

Article

A Continuum of Nonisomorphic 3-Generator Groups with Probabilistic Law xn = 1
V. S. Atabekyan, A. A. Bayramyan, V. H. Mikaelian

Journal of Contemporary Mathematical Analysis (Armenian Academy of Sciences) 2026 181 - 188

https://doi.org/10.3103/s1068362326700020

Article

On Benign Subgroups Constructed by Higman’s Sequence Building Operation
V.H. Mikaelian, V.S. Atabekyan

Journal of Contemporary Mathematical Analysis (Armenian Academy of Sciences) 2024 1-12

Article

On the Total Dominating Set of 3/2-Generated Groups
V.S.Atabekyan, H.T.Aslanyan

Armenian Journal of Mathematics 2024 1-7

Article

Probabilistic Identities in n-Torsion Groups
V.S.Atabekyan, A.A.Bayramyan

Journal of Contemporary Mathematical Analysis (Armenian Academy of Sciences) 2024 455-459

Conference

HIGMAN’S SEQUENCE-BUILDING OPERATIONS AND EMBEDDING OF RECURSIVE GROUPS
V.H. MIKAELIAN, V.S. ATABEKYAN

2024 1

https://dkasprowski.github.io/Conference/

Conference

PROBABILITY IDENTITIES IN n-TORSION GROUPS
A. Bayramyan, V. Atabekyan

2024 15-15

https://amu.sci.am/international-conference-on-algebra-logic-and-their-applicat...

Article

Կյանք՝ նվիրված մաթեմատիկային
Վարուժան Աթաբեկյան
Գիտության աշխարհում 2023 30-35

Article

Central Extensions and Groups with Quotients Periodic Infinite

V.S. Atabekyan
Advances in Group Theory and Applications 2023 67-79

Conference

On the spread of infinite groups

V. Atabekyan

2023 14-15

http://mathconf.sci.am/#:~:text=Yerevan%20State%20University%2C%20in%20collabor...

Article

Central Extensions of n-Torsion Groups
V.S.Atabekyan, G.G.Gevorgyan

Journal of Contemporary Mathematical Analysis (Armenian Academy of Sciences) 2022 26-34

Article

POWERS OF SUBSETS IN FREE PERIODIC GROUPS
V.S.Atabekyan, H.T.Aslanyan, S.T.Aslanyan

Proceedings of the YSU A Physical and Mathematical Sciences 2022 43-48

Article

On the Product of Subsets in Periodic Groups
V.S.Atabekyan, V.H.Mikaelian

Journal of Contemporary Mathematical Analysis (Armenian Academy of Sciences) 2022 395 - 398

Conference

Powers of sets in periodic groups

V. Atabekyan

2022 4

https://ggoi2022.mathcenter.ru/

Article

Вопросы алгебры и математической логики. Научное наследие С. И. Адяна
В. С. Атабекян, Л. Д. Беклемишев, А. А. Разборов, И. Г. Лысёнок, В. С. Губа, А. Л. Семенов

Russian Mathematical Surveys 2021 3-30

Article

Сергей Иванович Адян
В. С. Атабекян, В. М. Бухштабер, С. П. Новиков, Д. В. Трещев, Л. Д. Беклемишев, С. С. Гончаров,

Ю. Л. Ершов, В. В. Козлов, Ю. С. Осипов, А. А. Разборов, В. А. Садовничий, А. Л. Семенов,

А. Л. Таламбуца, Л. Н. Шеврин, В. В. Подольский, И. Г. Лысёнок, М. Р. Пентус, В. С. Губа

Russian Mathematical Surveys 2021 191-195

Article

Александр Юрьевич Ольшанский (к 75-летию)
В.С.Атабекян, К. К. Андреев, Г. Н. Аржанцева, В. А. Артамонов, И. Н. Балаба, Н. В. Безверхний,

А. А. Вдовина, В. С. Губа, А. Э. Гутерман, Г. С. Дерябина, О. В. Маркова, В. Г. Микаелян,

М. В. Милентьева, А. Э. Минасян, К. В. Михайловский, А. В. Михалёв, А. Е. Панкратьев,

Ю. Г. Прохоров, Д. А. Тимашёв, В. Н. Чубариков, И. А. Чубаров, Е. Е. Ширшова, and 8 other authors

Чебышевский сборник 2021 347-365

Conference

Группы с n-кручением, их расширения и эндоморфизмы

В. С. Атабекян

2021 1

https://sites.google.com/view/adian90/announcement?authuser=0

Article

О нормальных автоморфизмах свободных групп бесконечно базируемых многообразий

V.S.Atabekyan, S.I.Adian

Математические заметки 2020 163-170

Article

THE SET OF 2-GENERETED C ∗ -SIMPLE RELATIVELY FREE GROUPS HAS THE CARDINALITY OF THE CONTINUUM

V.S.Atabekyan

Proceedings of the YSU A Physical and Mathematical Sciences 2020 81-86

Conference

О периодических произведениях и многообразиях С.И.Адяна

Atabekyan V.S.

2020 1

http://www.mathnet.ru/php/presentation.phtml?&presentid=27178&option_lang=eng

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Article

n-torsion groups

V.S.Atabekyan, S.I.Adian

Journal of Contemporary Mathematical Analysis (Armenian Academy of Sciences) 2019 319–327

Article

ON FIXED POINTS OF AUTOMORPHISMS

V. S. ATABEKYAN, H.T.ASLANYAN

Proceedings of the YSU A Physical and Mathematical Sciences 2019 147-149

Conference

О ГИПЕРБОЛИЧНОСТИ N-КРУЧЕНЫХ ГРУПП

Atabekyan V.S.

2019 55-56

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Article

The automorphisms of endomorphism semigroups of relatively free groups

V.S.Atabekyan, H. T. Aslanyan

International Journal of Algebra and Computation 2018 207-215

https://www.worldscientific.com/loi/ijac

Article

Central extensions of free periodic groups

V.S.Atabekyan, S. I. Adian

SBORNIK MATHEMATICS 2018 1677–1689

Article

The unique trace property of n-periodic product of groups
V. S. Atabekyan, A. L. Gevorgyan, Sh. A. Stepanyan

Journal of Contemporary Mathematical Analysis (Armenian Academy of Sciences) 2017 161–165

http://www.allertonpress.com/journals/sam.htm

Article

Periodic products of groups
V.S.Atabekyan, S.I.Adian

Journal of Contemporary Mathematical Analysis (Armenian Academy of Sciences) 2017 111-117

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On free groups in the infinitely based varieties of S. I. Adian
V.S.Atabekyan, S. I. Adian

IZVESTIYA MATHEMATICS 2017 889–900

http://iopscience.iop.org/article/10.1070/IM8631/meta

Article

Normal automorphisms of free Burnside groups of period 3
V.S.Atabekyan, H. T. Aslanyan, A. E. Grigoryan

Armenian Journal of Mathematics 2017 60-67

http://www.armjmath.sci.am/index.php/ajm/about

Article

Analogues of Nielsen's and Magnus's theorems for free Burnside groups of period 3
V. S. ATABEKYAN, H. T. ASLANYAN, H. A. GRIGORYAN, A. E. GRIGORYAN

Proceedings of the YSU A Physical and Mathematical Sciences 2017 217-223

http://ysu.am/science/en/scientific-magazine

Conference

Центральные расширения свободных периодических групп
В. С. Атабекян, С. И. Адян

2017 55

http://www.math.nsc.ru/conference/malmeet/17/Main.htm

Article

C*-Simplicity of n-Periodic Products
V.S.Atabekyan, S.I.Adian

MATHEMATICAL NOTES 2016 3-7

http://link.springer.com/journal/11006

Conference

О группах с периодическими определяющими соотношениями

Атабекян В. С.

2016 Ъ2-3

http://conf.sfu-kras.ru/alglog/participants/1333

Conference

Об автоморфизмах полугруппы эндоморфизмов некоторых относительно свободных

групп

Атабекян В. С.

2016 Ъ2-4

http://conf.sfu-kras.ru/alglog-school/participants/1334

Conference

Периодические произведения групп

Атабекян В. С.

2016 1

http://www.mathnet.ru/php/conference.phtml?option_lang=rus&eventID=1&confid=923

Conference

Об относительно свободных группах бесконечно базируемых многообразий групп С. И. Адяна

В. С. Атабекян, С. И. Адян

2016 66

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Article

The automorphisms of endomorphism semigroups of free Burnside groups

V.S.Atabekyan

International Journal of Algebra and Computation 2015 669-674

http://www.worldscientific.com/worldscinet/ijac

Article

Automorphism groups and endomorphism semigroups of groups B(m,n)

V.S.Atabekyan

Algebra and Logic 2015 85-91

http://math.nsc.ru/~alglog/alglogf.html

Article

Characteristic properties and uniform nonamenability of n-periodic products of groups

V.S.Atabekyan, S.I.Adian

IZVESTIYA MATHEMATICS 2015 1097-1110

http://iopscience.iop.org/journal/1064-5632

Article

Splitting Automorphisms of Order p^k of Free Burnside Groups are Inner

V.S.Atabekyan

MATHEMATICAL NOTES 2014 586-589

http://link.springer.com/journal/11006

Article

The Hopfian property of n-periodic products of groups

V.S.Atabekyan, S.I.Adian

MATHEMATICAL NOTES 2014 443-449

http://link.springer.com/journal/11006

Article

The groups of automorphisms are complete for free burnside groups of odd exponents n≥

1003
V.S.Atabekyan
International Journal of Algebra and Computation 2013 1485-1496
http://www.worldscientific.com/worldscinet/ijac

Article
The Automorphism Tower Problem for Free Periodic Groups
V.S.Atabekyan
Proceedings of the YSU A Physical and Mathematical Sciences 2013 3-7
http://www.ysu.am/science/en/1465212957

Article
Splitting automorphisms of free Burnside groups
V.S.Atabekyan
SBORNIK MATHEMATICS 2013 182-189
http://iopscience.iop.org/journal/1064-5616

Article
On CEP-Subgroups of n-Periodic Products
V.S.Atabekyan
Journal of Contemporary Mathematical Analysis (Armenian Academy of Sciences) 2011 237-242
http://www.allertonpress.com/journals/sam.htm

Article
On normal subgroups in the periodic products of S.I. Adian
V.S.Atabekyan
Proceedings of the Steklov Institute of Mathematics 2011 9-24
http://link.springer.com/journal/11501

Article
Normal automorphisms of free Burnside groups
V.S.Atabekyan
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Article
On Outer Normal Automorphisms of Periodic Products of Groups
V.S.Atabekyan, A.L.Gevorgyan
Journal of Contemporary Mathematical Analysis (Armenian Academy of Sciences) 2011 289-292
http://www.allertonpress.com/journals/sam.htm

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The splitting automorphisms of free Burnside groups
V.S.Atabekyan
Proceedings of the YSU A Physical and Mathematical Sciences 2011 62-64
http://www.ysu.am/science/en/1465212957
