Sergey Stepan Davidov

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Faculty of Mathematics and Mechanics
Chair of Algebra and Geometry
Associate professor
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Laboratory of Mathematical Research
Scientific Worker

Language skills

English Русский

Membership

Institution	"Quasigroups and Related Systems" (Scopus Q3) , member of editorial board
Period of time	2023 till now

Publications

Conference
On Classification of Moufang Hyperidentities
Yuri Movsisyan, Sergey Davidov
2025 103 - 105
https://www.csit.am/2025/dates.php

Article
On Singular Functional Variables in Hyperidentities
Yu.Movsisyan, S.Davidov
Pattern Recognition and Image Analysis 2024 pp.31-39

Article
Classification of Dual Distributive Hyperidentities in Divisible Algebras (КЛАССИФИКАЦИЯ ДУАЛЬНЫХ ДИСТРИБУТИВНЫХ СВЕРХТОЖДЕСТВ В ДЕЛИМЫХ АЛГЕБРАХ)
Ю.М.Мовсисян, С.С.Давидов
Известия НАН РА. Математика (Journal of Contemporary Mathematical Analysis (Armenian Academy of Sciences))
2024 295 - 304

Conference

The Structure of Distributive d-algebras
S. Davidov, Yu. Movsisyan

2023 24-24

http://mathconf.sci.am

Conference

On Singular Functional Variables in Hyperidentity of Distributivity
Yuri Movsisyan, Sergey Davidov

2023 24 - 25

https://www.csit.am/2023/proceedings.php

Article

Invertible binary algebras principally isotopic to a group
Sergey Davidov, Davit Shahnazaryan, Senik Alvrtsyan

Asian-European Journal of Mathematics 2020 2050118-205128

Article

Hyperidentities with permutations leading to the isotopy of invertible binary algebras to a group
Sergey S. Davidov, Davit A. Shahnazaryan

Quasigroups and Related Systems 2020 47-52

Article

Hyperidentities with permutations leading to the linearity of invertible binary algebras
S.Davidov, D. Shachnazaryan

Вестник Российско-Армянского Университета: Физико-математические и естественные науки 2020

17-26

Article

Hyperidentities with permutations ininvertible binary algebras
S. S. Davidov, D. A. Shahnazaryan

Armenian Journal of Mathematics 2020 1-21

Article

Functional Equations with Division and Regular Opertions
Sergey Davidov, Aleksandar Krapez, Yuri Movsisyan

Asian-European Journal of Mathematics 2018 1850033 (14 p.)

Article

О структуре медиальных делимых n-арных группоидов

С.С.Давидов

Математические заметки 2018 33-44

Conference

Parastrophically Uncancellable Equations with Division and Regular Operations
Sergey Davidov, Yuri Movsisyan, Aleksandar Krapez

2018 43

https://math.sci.am/conference/artin120

Conference

Invertible Binary Algebras Isotopic to a Group or an Abelian Group
Sergey Davidov, Davit Shahnazaryan, Senik Alvrtsyan

2018 44-45

https://math.sci.am/conference/artin120

Monograph

Алгебры близкие к квазигруппам
Ю.М.Мовсисян, С.С.Давидов

2018 408

Article

A characterization of invertible algebras linear over a group by second-order formulas

Sergey Davidov

Journal of Algebra and its Applications 2017 1750238-14 pages

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

Conference

A characterization of binary invertible algebras isotopic to an abelian group

Sergey Davidov

2017 8

http://www.cs.du.edu/~petr/milehigh/

Article

Groups with fuzzy operations (F-groups)
S. S. Davidov, J. Hatami

Journal of Mathematics and Statistical Science 2016 154-165

http://www.ss-pub.org/journals/jmss/

Article

On paramedial division groupoid

S. S. Davidov

Asian-European Journal of Mathematics 2016 1650008(10 pages

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

Article

Linear Invertible Algebras and their Nucleus

Sergey Davidov

Вестник Казанского государственного энергетического университета 2016 29 - 39

Conference

On Functional Equations with Division and Regular Operations
S.Davidov, Yu.Movsisyan, A.Krapez

2016 38-39

http://amu.sci.am/archives/category/sessions?lang=en_us

Conference

On Division and Regular Algebras with Functional Equations
Yuri Movsisyan, Sergey Davidov, Aleksandar Krapez

2016 173-173

http://www.gmu.ge/Batumi2016/

Article

Свободные коммутативные медиальные n-группоиды

С. С. Давидов

Дискретная математика (Discrete Mathematics and Applications) 2015 34-44

http://www.mathnet.ru/dm

Article

An embedding theorem for medial n-ary groupoids with cancellation

S. S. Davidov

Armenian Journal of Mathematics 2015 183-193

http://www.flib.sci.am/eng/journal/Math/

Article

Регулярные и корегулярные подстановки обратимой алгебры

С. С. Давидов

Մաթեմատիկան բարձրագույն դպրոցում 2015 29-34

http://www.math.seua.am

Article

О триабелевых обратимых алгебрах

С. С. Давидов

Մաթեմատիկան բարձրագույն դպրոցում 2015 21-29

http://www.math.seua.am

Article

Fre commutative medial n-ary groupoids

Sergey S. Davidov

Discrete Mathematics and Applications 2015 203-210

https://www.degruyter.com/view/j/dma

Conference

Direct Product and Reduced Product of F-algebras

S. S. Davidov, J. Hatami

2015 21-22

Conference

A characterization of invertible algebras linear over a group by formulae of second-order language

Sergey Davidov

2015 17-20

Conference

Equational Theory of Algebras with Fuzzy Operations

Sergey Davidov, Jahangir Hatami

2015 32-34
