

Sergey Stepan Davidov

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Faculty of Mathematics and Mechanics

Chair of Algebra and Geometry

Associate professor

Language skills

English Русский

Membership

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

Publications

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

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 in invertible binary algebras

S. S. Davidov, D. A. Shahnazaryan

Armenian Journal of Mathematics 2020 1-21

Article

Functional Equations with Division and Regular Operations

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 (MATHEMATICAL NOTES) 2018 33-44

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>

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

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 трибелевых 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

On Functional Equations with Division and Regular Operations

S.Davidov, A.Krapez, Yu.Movsisyan

Conference

Direct Product and Reduced Product of F-algebras

S. S. Davidov, J. Hatami

Conference

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

Sergey Davidov

Conference

Equational Theory of Algebras with Fuzzy Operations

Sergey Davidov, Jahangir Hatami

Conference

On Division and Regular Algebras with Functional Equations

Yuri Movsisyan, Sergey Davidov, Aleksandar Krapez

Conference

A characterization of binary invertible algebras isotopic to an abelian group

Sergey Davidov

Conference

Parastrophically Uncancellable Equations with Division and Regular Operations

Sergey Davidov, Yuri Movsisyan, Aleksandar Krapez

Conference

Invertible Binary Algebras Isotopic to a Group or an Abelian Group

Sergey Davidov, Davit Shahnazaryan, Senik Alvrtsyan

Conference

The Structure of Distributive d-algebras

S. Davidov, Yu. Movsisyan

Conference

On Singular Functional Variables in Hyperidentity of Distributivity

Yuri Movsisyan, Sergey Davidov

Conference

On Classification of Moufang Hyperidentities

Yuri Movsisyan, Sergey Davidov
