Yuri Movses Movsisyan

Faculty of Mathematics and Mechanics
Հանրահաշվի և երկրաչափության ամբիոն
Honorary head of the chair

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Education

Institution	Yerevan State University, Kishinev State University
Faculty	Mathematics
Date	1966 - 1971
Degree name	Bachelor

Scientific Rank/degree

Institution	St. Petersburg State University
Date	1992
Degree name	Doctor
Specialty	Physico-mathematical sciences
Research Topic	Hyperidentities in Algebras

Institution	Kishinev State University
Date	1974
Degree name	Candidate
Specialty	Physico-mathematical sciences
Scientific Supervisor	V.D.Belousov
Research Topic	Second Order Identities and Algebras of Second Degree

Work experience

Institution	Armenian Mathematical Union
Period of time	2017 till now
Rank/degree	President

Institution	Yerevan State University
Period of time	2015 till now
Rank/degree	Leading Researcher

Institution	Yerevan State University
Period of time	2013 till now
Rank/degree	Honorary Head of the Department of Algebra and Geometry

Institution	European Regional Academy
Period of time	2005 - 2015
Rank/degree	Head of the Chair of Applied Mathematics

Institution	Iowa State University
Period of time	2004 - 2005
Rank/degree	Fulbright Visiting Professor

Institution	Russian-Armenian (Slavonic) University
Period of time	1998 - 2003
Rank/degree	Professor of Mathematics

Institution	Yerevan State University
Period of time	1986 - 2013
Rank/degree	Head of the Department of Algebra and Geometry

Institution	Yerevan State University
Period of time	1986 till now
Rank/degree	Professor of Mathematics

Institution	Yerevan State University
Period of time	1974 - 1986
Rank/degree	Associate Professor of Mathematics

Scientific interests

- Algebra, mathematical logic, model theory, second-order logic/language, Boolean functions, discrete mathematics, hyperidentities

State awards and honorary titles

2019 Medal of Anania Shirakatsi

Publications

Book
Բարձրագույն Հանրահաշիվ և Թվերի Տեսություն
Յուրի Մովսիսյան
2023 954

Article
Schauffler-type theorems
Yu.M. Movsisyan, D.N. Harutyunyan

Journal of Contemporary Mathematical Analysis (Armenian Academy of Sciences) 2023 116-124

Article

Schauffler-Like Theorems for Medial and Paramedial Algebras

Yu.M. Movsisyan, D.N. Harutyunyan

London Journal of Research In Science: Natural and Formal 2023 1-15

Article

Теоремы типа Шауфлера

Ю.М. Мовсисян, Д.Н. Арутюнян

Известия НАН РА. Математика (Journal of Contemporary Mathematical Analysis (Armenian Academy of Sciences))
2023 68-81

Article

Boole-De Morgan Bilattices

Yu. M. Movsisyan

Journal of Multiple-Valued Logic and Soft Computing 2022 137–152

Monograph

Hyperidentities: Boolean and De Morgan Structures

Yuri Movsisyan

2022 560

Article

Invertible algebras satisfying associative identities with functional variables

Yu.Movsisyan, A.Gevorgyan

Asian-European Journal of Mathematics 2021 2050155(16pages)

Article

A generalization of the Artin theorem

Yu.M.Movsisyan, M.A.Yolchyan

Journal of Contemporary Mathematical Analysis (Armenian Academy of Sciences) 2021 104-111

Article

Cayley-type theorems for g-dimonoids

Yu.M.Movsisyan, M.A.Yolchyan

Armenian Journal of Mathematics 2020 1-14

Article

The Geometry of Point Reflections and Quasigroups

Yuri Movsisyan, Victor Pambuccian

Results in Mathematics 2020 1-19

Article

Armenian Mathematical Union – History and Activity

Yuri Movsisyan

Newsletter Of The European Mathematical Society 2020 43-44

Article

Armenian Mathematical Union–History and Activity
Yuri Movsisyan
Newsletter Of The European Mathematical Society 2020 43-44

Article
On Idempotent and Hyperassociative Structures
Yu.Movsisyan, M.Yolchyan

Lobachevskii Journal of Mathematics 2019 1113–1121

Article
Интерассоциативность с помощью сверхтождеств
Ю.М.Мовсисян, Г.Киракосян

Известия НАН РА. Математика (Journal of Contemporary Mathematical Analysis (Armenian Academy of Sciences))
2019 70-75

Article
Interassociativity Via Hyperidentities
Yu.M.Movsisyan, G.Kirakosyan

Journal of Contemporary Mathematical Analysis (Armenian Academy of Sciences) 2019 191-194

Article
Invertible Algebras with ∀∃∗ (∀)-Identities of Second Order Logic
Yuri Movsisyan, Albert Gevorgyan

CSIT-2019 Proceedings 2019 24-25

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

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

Article
Hyperidentities and Related Concepts, II
Yu.M.Movsisyan
Armenian Journal of Mathematics 2018 1-85

Article
On functional equations and distributive second order formulae with specialized quantifiers
Yuri Movsisyan
Algebra and Discrete Mathematics 2018 269-285

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

2018 408

Article
Non-Idempotent Plonka Functions and Weakly Plonka Sums
Yu.M.Movsisyan, D.S.Davidova

Вестник Казанского государственного энергетического университета 2017 7_17

Article

Artin Theorem for Semigroups

Yu.M.Movsisyan, T.A.Hakobyan

Journal of Algebra and its Applications 2017 1750034(16 pages

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

Article

Dicson's theorem for Bool loops

Yuri Movsisyan

Algebra and Discrete Mathematics 2017 297-301

Article

Hyperidentities and Related Concepts, I

Yu.M.Movsisyan

Armenian Journal of Mathematics 2017 146-222

Article

On Belousov Quasigroups

Yu.M.Movsisyan

CSIT-2017 Proceedings 2017 38-38

Article

A set-theoretical representation for weakly idempotent lattices and interlaced weakly idempotent bilattices

Movsisyan Yu.M., Davidova D.S.

European Journal of Mathematics 2016 853-873

http://www.springer.com/mathematics/algebra/journal/40879

Article

Algebras with Parastrophically Uncancellable Quasigroup Equations

Yuri Movsisyan, Amir Ehsani, Aleksandar Krapez

Buletinul Academiei de Stiinte a Republicii Moldova. Matematica 2016 41-63

http://www.math.md/en/publications/basm/

Article

Сверхтождества слабо идемпотентных решеток

Д.С.Давидова, Ю.М.Мовсисян

Известия НАН РА. Математика (Journal of Contemporary Mathematical Analysis (Armenian Academy of Sciences))
2015 34-45

http://jmath.sci.am/index.php/rus

Article

Hyperidentities of Weakly Idempotent Lattices

D.S.Davidova, Yu.M.Movsisyan

Journal of Contemporary Mathematical Analysis (Armenian Academy of Sciences) 2015 259-264

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

Article

Weakly idempotent lattices and Bilattices,non-idempotent Plonka Functions

D.S.Davidova, Yu.M.Movsisyan

Demonstratio Mathematica 2015 509-535.

Article

ALGEBRAS WITH MEDIAL-LIKE FUNCTIONAL EQUATIONS ON QUASIGROUPS

A. Ehsani, A. Krapez, Yu. Movsisyan

arXiv.org 2015 1-9

Book

Բարձրագույն Հանրահաշիվ և Թվերի Տեսություն

Յու.Մ.Մովսիսյան

2015 1

Article

Algebras with Parastropically Uncancellable Quasigroup Equations

Yuri Movsisyan, Amir Ehsani, Aleksandar Krapez

arXiv.org 0 1-23

Conference

Finitely generated free algebras with hyperidentities of lattice varieties

Yu.M.Movsisyan

Conference

A characterization of hyperidentities of the variety of weakly idempotent lattices

Yu.M.Movsisyan, D.S.Davidova

Conference

Boolean-Linear Quasigroups

Yu.M.Movsisyan, G.Rustamyan

Conference

Non-idempotent Plonka Functions and weakly Plonka Sums

Yu.M.Movsisyan, D.S.Davidova

Conference

Bilattices of bi-De Morgan Functions

Yuri M.Movsisyan

Conference

On idempotent algebras with hyperidentities of associativity

T.Khachikyan, Yu.Movsisyan, S.Narimanyan

Conference

On Functional Equations with Division and Regular Operations

S.Davidov, A.Krapez, Yu.Movsisyan

Conference

Free distributive bilattices

Yuri Movsisyan

Conference

Idempotent algebras with semigroup operations.

Yuri Movsisyan

Conference

On functional equations and distributive second order formulae

Yuri Movsisyan

Conference

On the Belousov variety

Yuri Movsisyan

Conference

Bigroup of Operations

Yu.M.Movsisyan

Conference

On Characterization of Belousov Quasigroups
Yu.M.Movsisyan, M.A.Mando

Conference

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

Conference

On Burnside Variety

Yu.M.Movsisyan

Conference

A Characterization of Bigroups of Operations

Yu.M.Movsisyan

Conference

A characterization of the Belousov Variety
Yu.M.Movsisyan, M.A.Mando

Conference

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

Conference

Algebraic foundation of new discrete mathematical functions
Yu.M.Movsisyan

Conference

Varieties and Hypervarieties of Algebras and New Discrete Mathematical Functions

Yu.M.Movsisyan

Conference

INTERASSOCIATIVITY VIA HYPERIDENTITIES

Yu.M.Movsisyan, G.Kirakosyan

Conference

Representations of Free Algebras of Varieties and Hypervarieties

Yuri Movsisyan

Conference

Schauffler Type Theorems for New Second Order Formulas

Yuri Movsisyan, Albert Gevorgyan

Conference

Cayley-type theorem for g-dimonoids

Yuri Movsisyan, Marlen Yolchyan

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A Cayley-type theorem for g-dimonoids

Yuri Movsisyan, Marlen Yolchyan

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Algebras with hyperidentities of lattice varieties

Yuri Movsisyan

Conference

On idempotent and hyperassociative algebras

Yu.Movsisyan, M.Yolchyan

Conference

Boolean and de Morgan Structures, Their Applications

Yuri Movsisyan

Conference

Algebras and Varieties with Formulas of Second Order Logic

Yuri Movsisyan

Conference

HYPERIDENTITIES ANDRELATEDSECONDORDERFORMULAE

Yu.M.Movsisyan

Conference

The Structure of Distributive d-algebras

S. Davidov, Yu. Movsisyan

Conference

On linearity of universal algebras with second order formulas

Yu.Movsisyan, D.Harutyunyan

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