Yuri Movses Movsisyan

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Center for Mathematical and Applied Research
Laboratory of Mathematical Research
Honored Leading Scientist

Faculty of Mathematics and Mechanics
Center for Mathematical and Applied Research
Laboratory of Mathematical Research
Honored Leading Scientist

Faculty of Mathematics and Mechanics
Chair of Algebra and Geometry
Honorary head of the chair

Education

Faculty	Mathematics
Date	1966 - 1971
Degree name	Bachelor

Scientific Rank/degree

Date	1992
Degree name	Doctor
Research Topic	Hyperidentities in Algebras

Date	1974
Degree name	Candidate
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

State awards and honorary titles

2019 Medal of Anania Shirakatsi

Publications

Article

On the Structure of Idempotent Algebras with an Associative Hyperidentity. Burnside Varieties

Yuri Movsisyan

Lobachevskii Journal of Mathematics 2025 4124- 4134

https://www.scopus.com/pages/publications/105026982439?origin=resultslist

Article

Representations of Pre-Transitive Modes

Yuri M. Movsisyan

Lobachevskii Journal of Mathematics 2025 4135- 4140

https://www.scopus.com/pages/publications/105027009175?origin=resultslist

Conference

Varieties and Hypervarieties of Algebras

Yuri Movsisyan

2025 50-50

https://www.ysu.am/en/conference/915

Conference

Hyperidentities and Related Applications

Yuri Movsisyan

2025 60

https://www.icbs.cn/site/pages/index/index?pageId=be780000-9bce-0ece-94a2-08dd1...

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

Article

Second-Order Formulas in Action

Yuri Movsisyan

Applied Mathematics 2024 651-685

Conference

STOCHASTIC MAPPINGS FORM AN ALGEBRA WITH HYPERIDENTITIES

Movsisyan Yu.M.

2024 20-20

http://www.cemi.rssi.ru/

Conference

ON HYPERIDENTITIES OF ASSOCIATIVITY

Yuri Movsisyan

2024 73-74

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

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 & 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

Conference

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

2023 24-24

http://mathconf.sci.am

Conference

On linearity of universal algebras with second order formulas
Yu.Movsisyan, D.Harutyunyan

2023 75-76

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

Conference

Varieties and Hypervarieties of Algebras and New Discrete Mathematical Functions
Yuri Movsisyan
2023 1

https://www.icmaacs.com/h-col-114.html

Textbook

Բարձրագույն Հանրահաշիվ և Թվերի Տեսություն
Յուրի Մովսիսյան
2023 954

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

Conference

Cayley-type theorem for g-dimonoids
Yuri Movsisyan, Marlen Yolchyan

2019 11-11

http://www.ams.org/meetings/sectional/2251_program.html

Conference

A Cayley-type theorem for g-dimonoids
Yuri Movsisyan, Marlen Yolchyan

2019 20-20

http://www.ams.org/meetings/sectional/2261_program.html

Conference

Boolean and de Morgan Structures, Their Applications
Yuri Movsisyan
2019 30-30

https://euro-math-soc.eu/cmc/

Conference

Algebras and Varieties with Formulas of Second Order Logic
Yuri Movsisyan
2019 44-44

http://gmu.ge/Batumi2019/

Conference

HYPERIDENTITIES ANDRELATEDSECONDORDERFORMULAE
Yu.M.Movsisyan
2019 40-40

http://amu.sci.am/archives/2349

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

Conference

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

2018 43

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

Conference

Algebraic foundation of new discrete mathematical functions
Yu.M.Movsisyan
2018 14

https://people.uib.no/chunlei.li/workshops/BFA2018/

Conference

Varieties and Hypervarieties of Algebras and New Discrete Mathematical Functions
Yu.M.Movsisyan
2018 95

http://amu.sci.am/archives/2143

Conference

INTERASSOCIATIVITY VIA HYPERIDENTITIES
Yu.M.Movsisyan, G.Kirakosyan

2018 96-97

http://amu.sci.am/archives/2143

Conference

Representations of Free Algebras of Varieties and Hypervarieties
Yuri Movsisyan
2018 55

http://www.gmu.ge/index.php?page=3&lang=en

Conference

Schauffler Type Theorems for New Second Order Formulas
Yuri Movsisyan, Albert Gevorgyan

2018 119

http://www.gmu.ge/index.php?page=3&lang=en

Conference

Algebras with hyperidentities of lattice varieties
Yuri Movsisyan
2018 51-51

http://amu.sci.am/archives/2170

Conference

On idempotent and hyperassociative algebras
Yu.Movsisyan, M.Yolchyan

2018 52-52

http://amu.sci.am/archives/2170

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

Conference

On functional equations and distributive second order formulae
Yuri Movsisyan
2017 21-21

http://www.ams.org/meetings/sectional/sectional_past.html

Conference

On the Belousov variety
Yuri Movsisyan
2017 28-28

http://www.ams.org/meetings/sectional/sectional_past.html

Conference

Bigroup of Operations
Yu.M.Movsisyan
2017 49-50

http://amu.sci.am/

Conference

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

2017 51-52

http://amu.sci.am/

Conference

A Characterization of Bigroups of Operations

Yu.M.Movsisyan

2017 135-136

http://www.gmu.ge/Batumi2017/Files/Second-Ann-Bat-2017_Eng.pdf

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Conference

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

2017 136-136

http://www.gmu.ge/Batumi2017/Files/Second-Ann-Bat-2017_Eng.pdf

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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 Ştiinţe a Republicii Moldova Matematica 2016 41-63

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

Conference

Bilattices of bi-De Morgan Functions

Yuri M.Movsisyan

2016 18-18

Conference

On idempotent algebras with hyperidentities of associativity
T.Khachikyan, Yu.Movsisyan, S.Narimanyan

2016 81-82

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

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

Free distributive bilattices

Yuri Movsisyan

2016 10-10

Conference

Idempotent algebras with semigroup operations.

Yuri Movsisyan

2016 14-14

Conference

On Division and Regular Algebras with Functional Equations

Yuri Movsisyan, Sergey Davidov, Aleksandar Krapez

2016 173-173

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

Conference

On Burnside Variety

Yu.M.Movsisyan

2016 172-172

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

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.

http://demmath.mini.pw.edu.pl/index.php

Article

ALGEBRAS WITH MEDIAL-LIKE FUNCTIONAL EQUATIONS ON QUASIGROUPS

A. Ehsani, A. Krapez, Yu. Movsisyan

arXiv.org 2015 1-9

https://arxiv.org/

Conference

Finitely generated free algebras with hyperidentities of lattice varieties

Yu.M.Movsisyan

2015 205-205

http://math.nsc.ru/conference/malmeet/15/index.html

Conference

A characterization of hyperidentities of the variety of weakly idempotent lattices
Yu.M.Movsisyan, D.S.Davidova

2015 45-47

Conference

Boolean-Linear Quasigroups
Yu.M.Movsisyan, G.Rustamyan

2015 69-70

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

Conference

Non-idempotent Plonka Functions and weakly Plonka Sums
Yu.M.Movsisyan, D.S.Davidova

2015 68-68

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

Textbook

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

https://arxiv.org/
