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Faculty of Informatics and Applied Mathematics

Chair of Discrete Mathematics and Theoretical Informatics

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Language skills

Հայերեն English Русский Deutsch

Publications

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

The Higman operations and embeddings of recursive groups

Vahagn H. Mikaelian

Journal of Group Theory 2023 1067-1093

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

Article

Александр Юрьевич Ольшанский (к 75-летию)

В.С. Атабемян, 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

Article

Embeddings Determined by Universal Words in the Rank 2 Free Group

V. H. Mikaelian

Siberian Mathematical Journal 2021 123-130

Article

Subvariety structures in certain product varieties of groups

Vahagn H. Mikaelian

Journal of Group Theory 2018 865-884

Article

О классификации многообразий, порожденных сплетениями групп

В. Г. Микаелян

Известия РАН. Серия математическая (IZVESTIYA MATHEMATICS) 2018 153-166

Article

The Criterion of Shmel'kin and Varieties Generated by Wreath Products of Finite Groups

V. H. Mikaelian

Algebra and Logic 2017 108-115

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

Article

On degrees of modular common divisors and the Big prime gcd algorithm

Vahagn H. Mikaelian

International Journal of Mathematics and Mathematical Sciences 2016 1-13

<https://www.hindawi.com/journals/ijmms/2016/3262450/>

Article

On some residual properties of the verbal embeddings of groups,

Vahagn H. Mikaelian

Advances in Group Theory and Applications 2016 3-19

<http://www.advgrouptheory.com/journal/index.php#vol1>

Article

Varieties Generated by Wreath Products of Abelian and Nilpotent Groups

Vahagn H. Mikaelian

Algebra and Logic 2015 70-73

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

Book

Ալգորիթմական հանրահաշիվ, կոմուտատիվ օղակներ եւ դաշտեր

Վահագն Հ. Միքայելյան

2015 374

Article

A Geometrical Interpretation of Infinite Wreath Powers

Vahagn H. Mikaelian

Algebra and Discrete Mathematics 2014 250-267

<http://www.mathnet.ru/php/archive.phtml?wshow=paper&jrnid=adm&paperid=494>

Article

On abelian subgroups of finitely generated metabelian groups

Vahagn H. Mikaelian, Ol'shanskii, Alexander, Yu.

Journal of Group Theory 2013 695-705

<https://www.degruyter.com/view/j/jgt.2013.16.issue-5/jgt-2013-0011/jgt-2013-001...>

Conference

Product varieties of groups and varieties generated by wreath products

V.H. Mikaelian

Conference

Упрощение доказательства теоремы Бёрнса о базисном ранге

V.H. Mikaelian

Conference

On ascending series of nilpotent subvarieties in soluble varieties of group

V. H. Mikaelian

Conference

Явные вложения пекырсивных групп в конечно представленные группы

В. Г. Микаелян

Conference

On pairs of wreath products of groups generating equal varieties

V. H. Mikaelian

Conference

Вложения счетных групп, задаваемые универсальными словами в свободной группе

В. Г. Микаелян

Conference

Constructive embeddings of recursively presented groups using H-machines

Vahagn H. Mikaelian

Conference

Varieties generated by p-groups and K_p -series

Vahagn H. Mikaelian

Conference

Embeddings of groups and the universal elements in free groups

V. Mikaelian

Conference

Higman operations on integer sequences, and embeddings of recursive groups

V. H. Mikaelian

Conference

An algorithm for explicit embeddings of countable groups into 2-generator groups

Vahagn H. Mikaelian

Conference

HIGMAN'S SEQUENCE-BUILDING OPERATIONS AND EMBEDDING OF RECURSIVE GROUPS

V.H. MIKAEKIAN, V.S. ATABEKYAN

Conference

On constructive Higman embeddings of the groups Q and $GL(n,Q)$ into finitely presented groups

V. H. Mikaelian

Conference

ON EMBEDDINGS OF THE ADDITIVE GROUP OF RATIONAL NUMBERS Q INTO FINITELY

PRESENTED GROUPS

V.H. Mikaelian

Conference

On the explicit analogue of the Higman Embedding Theorem for recursive groups

V. H. Mikaelian
