

Faculty of Informatics and Applied Mathematics

Chair of Discrete Mathematics and Theoretical Informatics

Professor

Publications

Article

A Hierarchy of Determinative Sequent Systems with Different Substitution Rules

Hakob A. Tamazyan, Anahit A. Chubaryan

Pattern Recognition and Image Analysis 2024 20-30

Article

On Sizes of Linear and Tree-Like Proofs for any Formulae Families in Some Systems of Propositional Calculus

Levon A. Apinyan, Anahit A. Chubaryan

Mathematical Problems of Computer Science 2022 47-55

Article

О сложностях выводов балансированных формул в двух пропозициональных системах выводов

А. А. Чубарян, А. С. Азизян

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Сравнение длин линейных и древовидных выводов некоторых семейств формул в ряде систем исчисления высказываний

Л. А. Апинян, А. А. Чубарян

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PROOF COMPLEXITIES ON A CLASS OF BALANCED FORMULAS IN SOME PROPOSITIONAL SYSTEMS

A.A. Chubaryan

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A.A. Chubaryan

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Proof Complexity of Hard-Determinable Balanced Tautologies in Frege Systems

Anahit A. Chubaryan

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ИССЛЕДОВАНИЕ СВОЙСТВ МОНОТОННОСТИ И СТРОГОЙ МОНОТОННОСТИ ДВУХ

ПРОПОЗИЦИОНАЛЬНЫХ СИСТЕМ КЛАССИЧЕСКОЙ ЛОГИКИ

Чубарян А.А., Зограбян Г.М.

Sciences of Europe 2021 60-62

Article

О некоторых свойствах минимальных тавтологий классической и неклассических логик

А. А. Чубарян, А. А. Амбарцумян, Г. А. Гаспарян, С. А. Ованиссян

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Article

On three types of universal propositional proof systems for all versions of many-valued logics and some its properties.

ANAHIT CHUBARYAN, HAKOB NALBANDYAN, ARTUR KHAMISYAN

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Article

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Anahit Chubaryan, Artur Khamisyan, Garik Petrosyan

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Rabin style speed-up of proofs

An. Chubaryan

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An. Chubaryan, Arm. Chubaryan, H.Nalbandyan, S. Sayadyan

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Some notes about lower bounds for steps and sizes of proofs in Frege systems

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Improvement of lower bounds for steps and sizes of proofs in Frege systems

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The proof complexities relations for strongly equal classical tautologies in Frege systems

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On lower bounds for steps and sizes of proofs in Frege systems

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Application of Kalmar's proof of deducibility in two valued propositional logic for many valued logic

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On the proof complexity in two universal proof system for all versions of many-valued logics
ANAHIT CHUBARYAN, ARTUR KHAMISYAN

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Monotonous and strong monotonous properties of some propositional proof systems for Classical and Non Classical Logics
ANAHIT CHUBARYAN, GARIK PETROSYAN, SERGEY SAYADYAN

Conference

On monotonous and strong monotonous properties of some propositional proof systems for two valued and finite-many-valued logics
ANAHIT CHUBARYAN, SERGEY SAYADYAN

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On three types of universal propositional proof systems for all versions of many-valued logics and some properties of them
ANAHIT CHUBARYAN, HAKOB NALBANDYAN

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On non-monotonous properties of some propositional proof systems
ANAHIT CHUBARYAN, ARSEN HAMBARDZUMYAN

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Comparison of two propositional proof systems by lines and by sizes
ANAHIT CHUBARYAN, SARGIS HOVHANNISYAN, HAYK GASPARYAN

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ՀԱՇՎԱՐԿԵԼԻՈՒԹՅԱՆ ԲԱՐԴՈՒԹՅԱՆ ՏԵՍՈՒԹՅԱՆ ՀԻՄՆԱԴՐՈՒՅԹԻՐ
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A Hierarchy of Determinative Sequent Systems with Different Substitution Rules
Hakob Tamazyan, Anahit Chubaryan
