

Grigori Artashes Karagulyan

✉ g.karagulyan@ysu.am



Faculty of Mathematics and Mechanics

Chair of Theory of Functions and Differential Equations

Professor

Language skills

Հայերեն Русский English

Publications

Article

Maximal operators on spaces BMO and BLO

Grigori A. Karagulyan

Journal of Geometric Analysis 2026 26

Article

Bounded oscillation operators on BMO spaces

Grigori A. Karagulyan

Mathematische Zeitschrift 2026 12-40

Article

Sharp inequalities involving multiplicative chaos sums

G. A. Karagulyan

Acta Mathematica Hungarica 2024 340-351

Article

On the convergence sets of operator sequences on spaces of homogeneous type (О множествах сходимости последовательностей операторов в пространствах однородного типа)

G. A. Kharagulyan

Математический сборник (Sbornik Mathematics) 2024 1065 - 1090

Article

On wavelet polynomials and Weyl multipliers

Grigori A. Karagulyan, Anna Kamont

Journal d'Analyse Mathématique 2023 529-545

Article

On the convergence of multiple ergodic means

Grigori A. Karagulyan, Michael T. Lacey, Vahan A. Martirosyan

New York Journal of Mathematics 2022 1448-1462

Article

Probability inequalities for multiplicative sequences of random variables

Grigori A. Karagulyan

Article

The Fatou Property for General Approximate Identities on Metric Measure Spaces

G. A. Karagulyan, I. N. Katkovskaya, V. G. Krotov

Математические заметки (MATHEMATICAL NOTES) 2021 196-209

Article

On good- λ inequalities for couples of measurable functions

Grigori A. Karagulyan

Indiana university mathematics journal 2021 2405-2425

Article

On logarithmic bounds of maximal sparse operators

Michael T. Lacey, Grigori A. Karagulyan

Mathematische Zeitschrift 2020 1271-1281

Article

Menshov type correction theorems for sequences of compact operators

Grigori A. Karagulyan

Constructive Approximation 2020 331-352

Article

On systems of non-overlapping Haar polynomials

Grigori A. Karagulyan

ARKIV FOR MATEMATIK 2020 121-131

Article

Точная оценка нормы мажоранты переставленной тригонометрической системы

Г. А. Карагулян

Успехи математических наук (Russian Mathematical Surveys) 2020 183-184

Article

On Weyl multipliers of the rearranged trigonometric system

G.A.Karagulyan

Математический сборник (Sbornik Mathematics) 2020 1704-1736

Article

An exponential estimate for the cubic partial sums of multiple Fourier series

G. A. Karagulyan, H. A. Mkoyan

IZVESTIYA MATHEMATICS 2019 83-96

Article

On a weak type estimate for sparse operators of strong type

G. A. Karagulyan, G. Mnatsakanyan

Известия НАН РА. Математика (Journal of Contemporary Mathematical Analysis (Armenian Academy of Sciences))

2019 36-44

Article

An abstract theory of singular operators

Grigori A. Karagulyan

Transactions of the American Mathematical Society 2019 4761-4803

Article

On exponential summability of rectangular partial sums of double trigonometric Fourier series

G. Karagulyan, U. Goginava

MATHEMATICAL NOTES 2018 655-665

Article

On an equivalence for differentiation bases of dyadic rectangles

G. A. Karagulyan, D. A. Karagulyan, M. H. Safaryan

Colloquium Mathematicum 2017 295-307

<https://www.impan.pl/en/publishing-house/journals-and-series/colloquium-mathema...>

Article

On a theorem of Littlewood

Karagulyan G. A., Safaryan M. H.

Hokkaido Mathematical Journal 2017 87-106

<http://hmj2.math.sci.hokudai.ac.jp/issues.html>

Article

On exceptional sets of Hilbert transform

Grigori A. Karagulyan

Real Analysis Exchange 2017 1-17

<http://msupress.org/journals/raex/>

Article

On Convergence Properties of Tensor Products of Some Operator Sequences

Grigori Karagulyan, György Gát

Journal of Geometric Analysis 2016 3066-3089

<https://link.springer.com/journal/12220>

Article

Divergent triangular sums of double trigonometric Fourier series

G. A. Karagulyan, K. R. Muradyan

Journal of Contemporary Mathematical Analysis (Armenian Academy of Sciences) 2015 196-207

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