

## Center for Mathematical and Applied Research

Laboratory of Linear and Non-linear Approximations and Their Applications

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## Publications

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*Article*

**Функции, почти универсальные в смысле знаков относительно тригонометрической системы и системы Уолша (Functions Almost Universal in the Sense of Signs with Respect to the Trigonometric System and the Walsh System)**

Л. Н. Галоян, М. Г. Григорян

Математические заметки (MATHEMATICAL NOTES) 2024 935-939

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*Article*

**On the Uniform Convergence of Spherical Partial Sums of Fourier Series by the Double Walsh System**

S. A. Sargsyan, L. N. Galoyan

Journal of Contemporary Mathematical Analysis (Armenian Academy of Sciences) 2023 370-383

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*Article*

**Функции, универсальные относительно тригонометрической системы**

М. Г. Григорян, Л. Н. Галоян

Известия РАН. Серия математическая (IZVESTIYA MATHEMATICS) 2021 73-94

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*Article*

**Application of negative order Cesàro summability methods to Fourier-Walsh series of functions from  $L^\infty[0,1]$**

Martin Grigoryan, Levon Galoyan

Colloquium Mathematicum 2019 195-212

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*Article*

**On Fourier series that are universal modulo signs**

Martin Grigoryan, Levon Galoyan

Studia Mathematica 2019 215-231

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*Article*

**On the universal functions**

M.G. Grigoryan, L.N. Galoyan

Journal of Approximation Theory 2018 191-208

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*Article*

**On the uniform convergence of negative order Cesaro means of Fourier series.**

M.G. Grigoryan, L.N. Galoyan

Journal of Mathematical Analysis and Applications 2016 554-567

<http://www.journals.elsevier.com/journal-of-mathematical-analysis-and-applicati...>

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*Article*

**О поведении коэффициентов Фурье-Уолша исправленной функции**

Л. Н. Галоян, Р.Г.Меликбекян

Сибирский математический журнал (Siberian Mathematical Journal) 2016 641-649

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*Article*

**О сходимости в метриках  $L_p$  средних Чезаро для рядов Фурье с монотонными коэффициентами**

Л. Н. Галоян

Известия высших учебных заведений. Математика (Russian Mathematics) 2016 24-30

[http://old.kpfu.ru/journals/izv\\_vuz/](http://old.kpfu.ru/journals/izv_vuz/)

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*Article*

**On the almost everywhere convergence of negative order Cesaro means of Fourier-Walsh series**

L. N. Galoyan, R. G. Melikbekyan

Proceedings of the YSU A. Physical and Mathematical Sciences 2016 64-66

<http://www.ysu.am/science/en/journals>

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*Article*

**Behavior of the Fourier-Walsh coefficients of a corrected function**

L. N. Galoyan, R.G.Melikbekyan

Siberian Mathematical Journal 2016 505-512

<http://www.springer.com/mathematics/journal/11202>

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*Article*

**Convergence of Fourier series in classical systems**

L.N Galoyan,, M.G Grigoryan,, A.Kh. Kobelyan

SBORNIK MATHEMATICS 2015 941-979

<http://iopscience.iop.org/journal/1064-5616>

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