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## 🌐 Language skills

Русский English Español

## 📖 Publications

Article

### On Conditionally Universal Functions

Grigoryan M.G., Galoyan L.N.

ՀՀ ԳԱԱ Տեղեկագիր, Մաթեմատիկա ( Journal of Contemporary Mathematical Analysis (Armenian Academy of Sciences))  
2025 87-95

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### On Universal Pairs with Respect to Walsh System

Grigoryan M. G., Sargsyan A. A.

Journal of Contemporary Mathematical Analysis (Armenian Academy of Sciences) 2025 175-183

Article

### On the Universal Functions for Weighted Spaces

Artsrun Sargsyan, Martin Grigoryan

Trends in Mathematics 2025 185-190

Article

### On the Universal Functions for the Spaces of Measurable Functions

Lusine Simonyan, Martin Grigoryan

Trends in Mathematics 2025 199-204

Article

### On Universal Double Fourier Series ( Об универсальных двойных рядах Фурье )

Grigoryan M.G., Sargsyan A.A.

Математические заметки (MATHEMATICAL NOTES) 2025 874-879

Article

### On Universal Pairs Relative to the Vilenkin System ( Об универсальных парах относительно системы Виленкина )

M. G. Grigoryan, L. N. Galoyan, T. M. Grigoryan

Известия высших учебных заведений. Математика (Russian Mathematics) 2025 67-72

Article

### On the Behavior of Fourier Coefficients in the Trigonometric System

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**On the universal pair with respect to the generalized Walsh system**

Sergo A. Episkoposian, Martin G. Grigorian, Tigran M. Grigorian

Advances in Operator Theory 2024 1-15

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**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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**On the Convergence Fourier Series and Greedy Algorithm by Multiplicative System**

Grigoryan, M. G., Grigoryan T.M, Simonyan L.S

Extended Abstracts 2021/2022: Trends in Mathematics 2024 117-123

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**Об универсальных (в смысле знаков) рядах Фурье по системе Уолша [On universal (in the sense of signs) Fourier series with respect to the Walsh system]**

M. G. Grigoryan

Математический сборник (Sbornik Mathematics) 2024 717-742

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**Menshov-Type Theorem for Divergence Sets of Sequences of Localized Operators**

M. G. Grigoryan, A. Kamont, A. A. Maranjyan

Journal of Contemporary Mathematical Analysis (Armenian Academy of Sciences) 2023 81-92

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**On the existence and structure of universal functions for weighted spaces  $L_{1\mu}[0,1]$**

M. G. Grigoryan, A.A. Sargsyan

Итоги науки и техники. Современная математика и ее приложения. Тематические обзоры (Journal of Mathematical Sciences) 2023 1-16

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**О рядах Фурье по кратной тригонометрической системе**

М. Г. Григорян, С. В. Конягин

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**On the Convergence of Negative-Order Cesàro Means of Fourier and Fourier-Walsh Series**

Grigoryan, M.G

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**On Fourier Series Almost Universal in the Class of Measurable Functions**

M. G. Grigoryan

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**О существовании и структуре универсальных (относительно тригонометрической системы) функций**

М.Г. Григорян

СОВРЕМЕННЫЕ ПРОБЛЕМЫ ТЕОРИИ ФУНКЦИЙ И ИХ ПРИЛОЖЕНИЯ 2022 122-125

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**ON ALMOST UNIVERSAL DOUBLE FOURIER SERIES**

Grigoryan, Martin Gevorg

Труды института математики и механики УрО РАН (Trudy Instituta Matematiki i Mekhaniki UrO RAN) 2022 91-102

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**ON THE CONVERGENCE OF BOCHNER-RIESZ'S SPHERICAL MEANS OF FOURIER DOUBLE INTEGRALS**

M. G. GRIGORYAN, L. S. SIMONYAN

The Journal of the Indian Mathematical Society 2021 88-96

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**О СУЩЕСТВОВАНИИ И СТРУКТУРЕ УНИВЕРСАЛЬНЫХ ФУНКЦИЙ**

М. Г. Григорян

Доклады Российской академии наук. Математика, информатика, процессы управления (Doklady Mathematics) 2021 30-33

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**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*

**Approximations in  $L_1$  with convergent Fourier series.**

Martin Grigoryan, Zhirayr Avetisyan, Michael Ruzhansky

Mathematische Zeitschrift 2021 1907 - 1927

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**ON UNCONDITIONAL AND ABSOLUTE CONVERGENCE OF THE HAAR SERIES IN THE METRIC OF  $L_p[0, 1]$  WITH  $0 < p < 1$**

M. G. Grigoryan

Сибирский математический журнал (Siberian Mathematical Journal) 2021 607-615

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**On the Divergence of Fourier Series in the General Haar System**

M. G. Grigoryan, A. A. Maranjyan

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**ОБ УНИВЕРСАЛЬНЫХ РЯДАХ ФУРЬЕ—УОЛША**

М. Г. ГРИГОРЯН

Итоги науки и техники. Современная математика и ее приложения. Тематические обзоры (Journal of Mathematical Sciences) 2021 45-57

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**О сходимости квадратичных частных сумм кратного ряда Франклина к бесконечности**

Г.Г. Геворкян, М.Г. Григорян

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**Functions, universal with respect to the classical systems**

Martin G. Grigoryan

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**АБСОЛЮТНАЯ СХОДИМОСТЬ ДВОЙНЫХ РЯДОВ ФУРЬЕ -ФРАНКЛИНА**

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Сибирский математический журнал (Siberian Mathematical Journal) 2020 513-527

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**Функции с универсальными рядами Фурье-Уолша**

М.Г. Григорян

Математический сборник (Sbornik Mathematics) 2020 107-131

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**UNIVERSAL FUNCTIONS WITH RESPECT TO THE DOUBLE WALSH SYSTEM FOR CLASSES OF INTEGRABLE FUNCTIONS**

M. Grigoryan, A. Sargsyan

Analysis Mathematica 2020 367-392

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**ON THE UNIFORM CONVERGENCE OF DOUBLE FOURIER-WALSH SERIES**

G. G. GHAZARYAN, M. G. GRIGORYAN, A. L. GHAZARYAN

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**Universal Fourier Series**

M. G. Grigoryan

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## **ФУНКЦИИ УНИВЕРСАЛЬНЫЕ ОТНОСИТЕЛЬНО КЛАССИЧЕСКИХ СИСТЕМ**

М. Г. Григорян

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### **Функции универсальные относительно системы Уолша**

М.Г.Григорян

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2020 51-67

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### **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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### **Квазибезусловная базисность системы Фабера - Шаудера**

Г.М. Григорян, В. Г. Кротов

Український математичний журнал (Ukrainian Mathematical Journal) 2019 210-219

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

Martin Grigoryan, Levon Galoyan

Studia Mathematica 2019 215-231

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### **Convergence of Fourier-Walsh Double Series in Weighted $L_p \mu[0, 1]^2$**

Martin G. Grigoryan, Tigran M. Grigoryan, L. S. Simonyan

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### **On the structure of universal functions for classes $L_p[0,1]^2, p \in (0,1)$ , with respect to the double Walsh system**

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### **Двойные универсальные ряды Фурье**

М. Г. Григорян, Л. С. Симонян

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

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**On the Absolute Convergence of Fourier-Haar Series in the Metric of  $L_p(0, 1)$ ,  $0 < p < 1$**

M. G. Grigoryan

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**ON THE UNIVERSAL FUNCTION FOR WEIGHTED SPACES  $L_p [0; 1]$ ,  $p < 1$**

MARTIN GRIGORYAN, TIGRAN GRIGORYAN, ARTSRUN SARGSYAN

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M.G. Grigoryan, L.N. Galoyan

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**On the  $L_1$ -convergence and behavior of coefficients of Fourier-Vilenkin series**

M. G. Grigoryan, S. A. Sargsyan

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**Almost Everywhere Convergence of Greedy Algorithm with Respect to Vilenkin System**

M. G. Grigoryan, S. A. Sargsyan

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**ON BEHAVIOR OF FOURIER COEFFICIENTS AND UNIFORM CONVERGENCE OF FOURIER SERIES IN THE HAAR SYSTEM**

M. G. GRIGORYAN, A. KH. KOBELYAN

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**The Fourier-Faber-Schauder Series Unconditionally Divergent in Measure**

M. G. Grigoryan, A. A. Sargsyan

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Stepan Sargsyan, Martin G. Grigoryan

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Artsrun Sargsyan,, Martin Grigoryan

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**ON THE UNIVERSAL AND STRONG ( $L_1$ ;  $L_1$ )-PROPERTY RELATED TO FOURIER{WALSH SERIES**

Martin G. Grigoryan

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*Monograph*

**Ряды по классическим системам**

Мартин Григорян

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**Օ поведении коэффициентов Фурье по системе Уолша.**

Григорян М.Г., Навасардян К.А.

ՀՀ ԳԱԱ Տեղեկագիր, Մաթեմատիկա ( Journal of Contemporary Mathematical Analysis (Armenian Academy of Sciences))

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**Универсальные функции в задачах “исправления”, обеспечивающего сходимость рядов Фурье-Уолша**

М. Г. Григорян, К. А. Навасардян

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**On the m-term best approximation of functions and greedy algorithm**

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**On the L-strong and greedy property of trigonometric system**

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M. G. Grigoryan, A.A.Sargsyan

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**Universal functions in 'correction' problems guaranteeing the convergence of Fourier-Walsh series**

M. G. Grigoryan, K.A.Navasardyan

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

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