

# Lusine Suren Simonyan

✉ lusine.simonyan@ysu.am

## Center for Mathematical and Applied Research

Laboratory of Linear and Non-linear Approximations and Their Applications  
Researcher

## 🌐 Language skills

Հայերեն Русский English

## 📖 Publications

*Article*

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

Lusine Simonyan, Martin Grigoryan

Trends in Mathematics 2025 199-204

*Article*

### **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

*Article*

### **О $L_p$ - ГРИДИ УНИВЕРСАЛЬНЫХ ФУНКЦИЯХ ОТНОСИТЕЛЬНО ОБОБЩЕННОЙ СИСТЕМЫ УОЛША**

С. А. Епископосян, Т. М. Григорян, Л. С. Симонян

Известия НАН РА. Математика (Journal of Contemporary Mathematical Analysis (Armenian Academy of Sciences))  
2022 17-31

*Article*

### **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

*Article*

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

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

Springer Proceedings in Mathematics & Statistics 2019 109-136

*Article*

### **Двойные универсальные ряды Фурье**

М. Г. Григорян, Л. С. Симонян

Известия НАН РА. Математика (Journal of Contemporary Mathematical Analysis (Armenian Academy of Sciences))  
2019 42-53