

# Armen Ashot Vagharshakyan

✉ a.vagharshakyan@ysu.am



## Faculty of Mathematics and Mechanics

Chair of Theory of Functions and Differential Equations

Assistant

## Education

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<b>Institution</b>	Yerevan State University
<b>Faculty</b>	Mathematics
<b>Date</b>	2004 - 2006
<b>Degree name</b>	Masters

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<b>Institution</b>	Yerevan State University
<b>Faculty</b>	Mathematics
<b>Date</b>	2000 - 2004
<b>Degree name</b>	Bachelor

## Scientific Rank/degree

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<b>Institution</b>	Georgia, Institute of Technology
<b>Date</b>	2010
<b>Degree name</b>	Postgraduate
<b>Scientific Supervisor</b>	M. Lacey
<b>Research Topic</b>	Estimates for discrepancy and Calderon-Zygmund operators

## Language skills

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Հայերեն Русский English

## Work experience

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<b>Institution</b>	Brown University, USA
<b>Period of time</b>	2010 - 2013
<b>Rank/degree</b>	Tamarkin Assistant Professor

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<b>Institution</b>	Institute of Mathematics, Armenia
<b>Period of time</b>	2008 till now
<b>Rank/degree</b>	senior researcher

## Scientific interests

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- Harmonic and complex analysis, Discrepancy theory
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## Participation in international conferences and seminars

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**12/12/2021 - 14/12/2021** Workshop on Operator Theory and Harmonic Analysis, Math Center of the Southern Federal University (2021)  
Southern Federal University  
Russian Federation (the)

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**01/01/2008 - 01/05/2008** Thematic Program on New Trends in Harmonic Analysis, Fields Institute (2008)  
University of Toronto  
Canada

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## Membership

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**Institution** Institute of Mathematics NAS Armenia  
**Period of time** 2019 - 2021

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## Publications

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*Article*

**The Hadamard-Bergman Convolution on the Half-Plane**

Karapetyants Alexey, Vagharshakyan Armen

Journal of Fourier Analysis and Applications 2024 38

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*Article*

**Trigonometric Convexity of the Multidimensional Indicator**

Vagharshakyan Armen, Mkrtchyan Aleksandr

Canadian Journal of Mathematics 2024 1-16

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