

# Narine Gevorg Aharonyan

✉ narine78@ysu.am

## Faculty of Mathematics and Mechanics

Chair of Probability Theory and Mathematical Statistics

Associate professor

## Education

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<b>Institution</b>	Yerevan State University
<b>Faculty</b>	faculty of mathematics
<b>Date</b>	1994 - 1999
<b>Degree name</b>	Qualified specialist

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## Scientific Rank/degree

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<b>Institution</b>	Yerevan State University
<b>Date</b>	2009
<b>Degree name</b>	Candidate
<b>Specialty</b>	Physico-mathematical sciences
<b>Scientific Supervisor</b>	Ohanyan Viktor Karo
<b>Research Topic</b>	AVERAGES OF COMBINATORIAL EXPANSIONS

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## Language skills

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Հայերեն Русский English

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## Work experience

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<b>Institution</b>	Yerevan State University
<b>Period of time</b>	2005 till now
<b>Rank/degree</b>	Associate professor of chair of Probability theory and mathematical statistics

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## Scientific interests

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- Probability theory
  - Mathematical Statistics
  - Integral and stochastic geometry
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## Publications

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Article

## **Orientation-Dependent Chord length Distribution Functions of Bounded Convex Domains**

V. K. Ohanyan, N. G. Aharonyan

Data Science and Reliable Machine Learning 2024 77-81

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*Article*

### **Распределение расстояния между двумя случайными точками в теле $R^3$**

Н. Г. Агаронян, В. Халатян

Известия НАН РА. Математика (Journal of Contemporary Mathematical Analysis (Armenian Academy of Sciences))  
2020 3-8

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*Article*

### **Distribution of the distance between two random points in a body from $R^n$**

N. G. Aharonyan, V. Khalatyan

Известия НАН РА. Математика (Journal of Contemporary Mathematical Analysis (Armenian Academy of Sciences))  
2020 3 - 9

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*Article*

### **Calculation of Geometric Probabilities Using Covariogram of Convex Bodies**

N. G. Aharonyan, V. K. Ohanyan

Journal of Contemporary Mathematical Analysis (Armenian Academy of Sciences) 2018 113-120  
<https://link.springer.com/journal/11957>

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*Article*

### **GEOMETRIC PROBABILITY CALCULATION FOR A TRIANGLE**

N. G. AHARONYAN, H. O. HARUTYUNYAN

Proceedings of the YSU A. Physical and Mathematical Sciences 2017 211-216

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*Article*

### **Pattern Recognition by Cross Sections**

Narine G. Aharonyan, Victor K. Ohanyan

Modeling of Artificial Intelligence 2017 72-77

<http://ejournal11.com/>

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*Article*

### **Moments of the distance between two random points**

Victor Ohanyan, Narine Aharonyan

Modeling of Artificial Intelligence 2016 64-70

<http://ejournal11.com/>

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*Article*

### **Moments of the distance between two random points**

Victor Ohanyan; n, N.G.Aharonyan

Modeling of Artificial Intelligence 2016 64-70

<http://ejournal11.com/>

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*Book*

### **Հավանականությունների տեսության խնդրագիրք**

Վհարոնյան Նարինե Գևորգի

*Conference*

**A relation between distributions of the distance and the random chord in a convex domain**

Aharonyan Narine

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*Conference*

**Generalized Pleijel Identity and chord length distribution**

Aharonyan Narine

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*Conference*

**TWO RANDOM POINTS IN A CONVEX DOMAIN**

N. G. Aharonyan

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*Conference*

**GENERALIZED PLEIJEL IDENTITY AND COVARIOGRAMS OF CONVEX BODIES**

N. G. Aharonyan

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*Conference*

**GENERALIZED PLEIJEL IDENTITY AND CHORD LENGTH DISTRIBUTION**

N. G. Aharonyan

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