

Linda Khachatryan

Linda@instmath.sci.am

Institute of Mathematics
National Academy of Science, Armenia
Marshal Baghramian ave. 24/5, 0019 Yerevan, Armenia
00374 10 524–801

Education

- 27 May 2014** Defence of the thesis Martingale-Difference Random Fields and Some Applications (awarded Ph.D in Mathematics)
Supervisor: Dr. Boris S. Nahapetian
- 2010–2013** Postgraduate student of the Department of Mathematical Cybernetics, Russian-Armenian (Slavonic) university (further – RAU)
Thesis: Martingale-Difference Random Fields and Some Applications
Supervisor: Dr. Boris S. Nahapetian
- 2008–2010** Master courses in the Faculty of Applied Mathematics and Informatics, RAU (Diploma with honor)
Thesis: Martingale-Difference Random Fields and its Applications
Supervisor: Dr. Boris S. Nahapetian
- 2004–2008** Bachelor of the Faculty of Applied Mathematics and Informatics, RAU (Diploma with honor)
Thesis: Probabilistic Method in Application to Some Problems of Discrete Mathematics
Supervisor: Dr. Boris S. Nahapetian

Teaching experience

- Nov.2016 – present** Assistant Professor of the department of Mathematical cybernetics, RAU
- Sept. 2010 – Nov.2016** Lecturer of the department of Mathematical cybernetics, RAU
Probability Theory and Mathematical Statistics
Special course on Probabilistic Methods for master students

Work experience

- Feb. 2016 – present** Assistant in Science Laboratory of Mathematical Education, Armenian State Pedagogical University
- Jan. 2015 – present** Researcher in the Institute of Mathematics, National Academy of Science, Armenia
- May 2013 – Dec. 2014** Junior researcher in the Institute of Mathematics, National Academy of Science, Armenia
- Sept. 2008 – June 2012** Assistant of the Department of Mathematical Cybernetics, RAU

Visits

May – July 2015

Institute of Mathematics, University of Potsdam, Germany

Conferences

Member of Organizing committee

2016 X International conference Stochastic and Analytic Methods in Mathematical Physics, Yerevan, 4–11 September

Attended

2016 X International conference Stochastic and Analytic Methods in Mathematical Physics, Yerevan, 4–11 September

Armenian Mathematical Union Annual Session, 30 May – 1 June 2016, Yerevan, Armenia

2014 Caucasian Mathematics Conference CMC I, 5-6 September 2014, Tbilisi, Georgia

2013 Second International Conference Mathematics in Armenia, 24–31 August 2013, Tsaghkadzor, Armenia

The 22nd Annual International Conference on the Discrete Simulation of Fluid Dynamics, 15–19 July 2013, Yerevan, Armenia

Armenian Mathematical Union Annual Session, 29 May – 1 June 2013, Yerevan, Armenia

2012 IX International Conference Stochastic and Analytic Methods in Mathematical Physics, 2–9 September 2012, Yerevan, Armenia (with B.S. Nahapetian)

Armenian Mathematical Union Annual Session, 29 May – 1 June 2012, Yerevan, Armenia (with B.S. Nahapetian)

2009 International Conference Probabilistic and Analytical Methods in Mathematical Physics, 7–14 September 2009, Tsaghkadzor, Armenia (with B.S. Nahapetian)

Publications (monograph)

Nahapetyan B.S., Khachatryan L.A., Probabilistic methods in discrete problems (in Russian). Yerevan, Gitutyun, 2016, 395pp.

Publications (peer reviewed)

Local limit theorem for conditionally independent random fields, Vestnik of Kazan State Power Engineering University 1, 2016, 7–21 (with Nahapetian B.S.)

Accuracy of the Gaussian approximation for the martingale-difference random fields (in Russian), *Izvestiya Natsionalnoi Akademii Nauk Armenii, Matematika* 49, 2014, 81–88

Asymptotic form of moments of sums of components of martingale-difference random fields (in Russian), *Vestnik of Russian-Armenian (Slavonic) University* 2, 2013, 3–15

Multidimensional martingales associated with the Ising model. *Vestnik of Kazan State Power Engineering University* 4, 2013, 87–101 (with Nahapetian B.S.)

Randomization in the construction of multidimensional martingales, *Journal of Contemporary Mathematical Analysis*, 48, 2013, 35–45 (with Nahapetian B.S.)

Publications (abstracts)

Martingale method: applications in the theory of limit theorems and mathematical statistical physics. Abstracts of X International conference Stochastic and Analytic Methods in Mathematical Physics, Yerevan, September 4–11, 2016, Abstracts p.28 (with Nahapetian B.S.)

Local limit theorem for conditionally independent random fields, Abstracts of Annual Session of Armenian Mathematical Union, 2016, Abstracts pp. 79–80 (with Nahapetian B.S.)

Martingale method in the theory of random fields, Caucasian Mathematics Conference CMC I, Tbilisi, Georgia, September 5-6, 2014. Abstracts pp. 115–116 (with Nahapetian B.S.)

Martingale method in the theory of random fields and its application in statistical physics, Second International Conference Mathematics in Armenia, Tsaghkadzor, Armenia, 2013. Abstracts pp. 96–97

Convergence rate in the central limit theorem for martingale-difference random fields, Armenian Mathematical Union Annual Session, Yerevan, Armenia, 2013. Abstracts pp. 67–69

The martingale method in the theory of random fields. IX International Conference Stochastic and Analytic Methods in Mathematical Physics, Yerevan, 2–9 September 2012, Abstracts p.25 (with B.S. Nahapetian)

The martingale method in the theory of random fields, Armenian Mathematical Union Annual Session, Yerevan, Armenia, 2012. Abstracts pp. 89–91 (with Nahapetian B.S.)

Languages

Russian (fluent), English (advanced), Armenian

Computer

Microsoft Office, C++, Mathematica, Statistica, E-Views