

CURRICULUM VITAE

George Chelidze

Name, Surname
 Telephone +995 599293060
 E-mail g.chelidze@tsu.ge

Research Interests: Functional analysis, Probability theory, Banach space Geometry

Education

	Years	Name of the University/Institute, Country	Academic Degree	Major / Specialty
1	1991-1996	IvaneJavakhishvili Tbilisi State University	Master	Mathematics
2	1997-1999	IvaneJavakhishvili Tbilisi State University	Kandidat of Physics and Mathematiiics	Mathematics/Functional Analysis

Work Experience

	Years	Position	Department / Unit	Organization
1	1997-2006	Junior, Senior Researcher	Department of Probability and Functional Analysis	NikoMuskhelishvili Institute of Computational Mathematics of the Georgian Academy of Sciences
2	2006-2014	Researcher	Department of Stochastic Processes and Applied Statistics	NikoMuskhelishvili Institute of Computational Mathematics
3	2011-2014	Invited Professor	MACS	Free University
4	2006-up to now	Assistant Professor	Department of Exact and Natural Sciences	IvaneJavakhishvili Tbilisi State University
5	2015-up to now	Invited Professor	Department of Exact and Natural Sciences	SDSU Georgia

Participation in Research Projects

	Years	Position / Responsibility	Project Title	Donor Organization
1	2010-2012	Researcher	Characterization problems of Gaussian and subgaussian distributions in real, complex and quaternion number fields	ShotaRustaveli National Science Foundation
2	2014-2016	Researcher	Interrelation between signs and permutations in com pact vector summation: theory and applications	ShotaRustaveli National Science Foundation

Participation in International Forums/Conferences (up to 5 events)

	Year	Event title	Venue	Presentation title
1	2008	Workshop on Fractional Differentiation and its Applications	Ankara, Turkey	Inner products and modulus of convexity
2	2010	Second international conference on numerical analysis and approximation	Cluj-Napoca, Romania	On quaternion valued gaussian random variables

		theory		
3	2013	International Conference on Fourier Analysis and Approximation Theory	Bazaleti, Georgia	On the intersection of embedded closed sets in Banach spaces
4	2014	Caucasian Mathematics Conference CMC I	Tbilisi, Georgia	Weakly Independent Random Elements, Gaussian Case
5	2015	The First SDSU – Georgia STEM WORKSHOP on Nanotechnology and Environmental Sciences	Tbilisi , Georgia	Weakly Independent Random Elements, Gaussian Case

Selected publications

1. **G.Z. Chelidze**, P. L. Papini. “Some remarks on the intersection of embedded sets”. Mathematical Notes. Volume 80, Numbers 3-4 / September, 2006. pp 428-434.
2. **G.Z. Chelidze**, A. Shangua ”A contrexample related to permutational Cesaro summability”. Bull. Georgian Acad. Sci., 2006. 179, No 2, 335-327.
3. **G.Z. Chelidze**. “The modulus of convexity and inner product in linear normed spaces”. Bull. Georgian Acad. Sci., 2008, 2, No 1, 38-40.
4. **G.Z. Chelidze**. “On Nordlander’s conjecture in the three dimensional case”. Arkiv fur Matematik Volume 47, Number 2, 267-272.
5. **G.Z. Chelidze**, T. Kopaliani. “Gagliardo-Nirenberg type nequality for variable exponent Lebesgue spaces”. Journal of mathematical analysis and applications (el. address: <http://dx.doi.org/10.1016/j.jmaa.2009.03.012>) .
6. Vakhania N.N. and **Chelidze G. Z.** “ Quaternion Gaussian Random Variables”, Theory Probab. Appl. Volume 54, Issue 2, pp. 363-369 (2010)
7. **George Chelidze** and Nicholas Vakhania. On a problem concerning quaternion valued Gaussian random variables. Georgian mathematical journal. 17, 4(2010), 629-634
8. **George Chelidze**, Sergei Chobanyan, George Giorgobiani, Vakhtang Kvaratskhelia. Greedy Algorithm Fails in Compact Vector Summation. Bull. Georg. Natl. Acad. Ssci., 4, 2(2010), 5-7
9. **George Chelidze**, Nicholas Vakhania. On a quaternion valued Gaussian random variables. Studia Universitatis Babeş-Bolyai, Mathematica, Vol 56 (2011), Number 2
10. **George Chelidze**, Nicholas Vakhania. Skitovich-Darmois theorem for complex and quaternion cases, Proceedings of A. Razmadze Mathematical Institute Vol. 160 (2012), 165-169
11. **George Chelidze**. The Range of Critical Numbers for Banach Spaces. *Bulletin of TICMI*. Vol. 18, No. 1, 2014, 1-4
12. **G Chelidze**, B Mamporia. Weakly Independent Random Elements, Gaussian Case. Proceedings of A. Razmadze Mathematical Institute. Vol. 168 , 2015, 15-23
13. **G. Chelidze**, G. Giorgobiani, V. Tarieladze. Sum Range of a Quaternion Series. Journal of Mathematical Sciences, Volume 216, 2016, 519-521

Additional Information (International Awards, Fellowships, etc.)

* Presidential grant for young scientists;

* Iliia Vekua grant for young scientists.

* Leader (DeputyLeader) of Georgian Team in the International Mathematical Olympiad 2011-2016 (2010).