CURRICULUM VITAE

Ana Danelia

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Research Interests: Analysis, Harmonic analysis, Approximation Theory

Education

	Years	Name of the University/Institute, Country	Academic Degree	Major / Specialty
1	1992-1997	IvaneJavakhishvili Tbilisi State University	Master	Mathematics
2	1997-1999	IvaneJavakhishvili Tbilisi State University	Kandidat of Physics and Mathematiics	Mathematics/Functional Analysis
3	2002	IvaneJavakhishvili Tbilisi State University	doctor	Mathematics

Work Experience

	Years	Position	Department / Unit	Organization
1	2006-current	Assistant professor	Department of Mathematics	IvaneJavakhishvili Tbilisi State University

Participation in Research Projects

	Years	Position / Responsibility	Project Title	Donor Organization
1	2012-2013	Co-director	Geometry of function spaces, interpolation and embedding theorems	ShotaRustaveli National Science Foundation
2	2014-2016	Co-director	Function spaces, weighted inequalities for integral operators and problems of summability of Fourier series	ShotaRustaveli National Science Foundation

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

	Year	Event title	Venue	Presentation title
1	2008	International workshop on variable exponent analysis and related topics	Tbilisi, Georgia	Almost greedy uniformly bounded orthonormal bases in L^p spaces
2	2008	Workshop on Fractional Differentiation and its Applications	Ankara,Turkey	Democratic orthonormal bases in L^p spaces
3	2010	Second international conference on numerical analysis and approximation theory	Cluj-Napoca, Romania	Almost greedy uniformly bounded orthonormal bases in rearrangement invariant banach spaces
4	2013	International Conference on Fourier Analysis and Approximation Theory	Bazaleti, Georgia	On some properties of the conjugate function and the modulus of continuity of k-th order
5	2014	Caucasian Mathematics Conference CMC I	Tbilisi, Georgia	Local HardyLittlewood Maximal Operator in Variable Lebesgue Spaces

Selected publications

1. A. Danelia. on some local properties of the conjugate function and the modulus of continuity of k-th order. AMAPN, 32, 3, 2016
2. A. Danelia, A. Gogatishvili, and T. Kopaliani. Local Hardy--Littlewood maximal operator
in variable Lebesgue spaces.Banach J. Math. Anal., Volume 8, Number 2, 229-244 , 2014
3. Ana Danelia. Characterization of the Conjugate Functions by Moduli of Smoothness in the Space of Continuous Functions. *Bulletin of TICMI*. Vol. 18, No. 1, 2014, 1–4
4. A.Danelia. Conjugate function and the modulus of continuity of k-th order. ActaMathematicaHungarica, 138, 3, 281-293, 2013
5. Ana Danelia, EkaterineKapanadze. Almost greedy uniformly bounded orthonormal basis in rearrangement invariant Banach spaces. StudiaUniversitatis Babes-Bolyai, Mathematica, Vol 56, Number 2, 2011
6. A.Danelia. On some properties of conjugate functions in the space L(T^n). East Journal On Approximations. 16, 2,131-145, 2010
7. A. Danelia and E. Kapanadze. Almost greedy uniformly bounded orthonormal basis in L^p spaces. Georgian Math. journal,16,3 ,465-474, 2009
8. A.Danelia . Estimates for the modulus of continuity of conjugate functions of many variables. East Journal on approximations,13, 1,7-19, 2007
9. A.Danelia. On certain properties of the conjugate functions in the space L(T^m). East Journal on approximations,11, 4, 437-446, 2005

Additional Information (International Awards, Fellowships, etc.)

* Presidental grant for young scientists;

* Ilia Vekua grant for young scientists.