



## **Givi Nadibaidze**

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Mathematical Analysis**

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### **Education**

- University Diploma in Mathematics, Iv. Javakishvili Tbilisi State University
- Ph.D in Mathematical Analysis, Iv. Javakishvili Tbilisi State University

### **Working Experience**

- 1998-2006, Faculty of Mechanics and Mathematics, Iv. Javakishvili Tbilisi State University, Docent
- 2006- , Department of Mathematics, Iv. Javakishvili Tbilisi State University, Assistant Professor

### **Teaching Courses**

- Calculus
- Mathematical Analysis
- Measure and Integral
- Complex Analysis

### **Research Interests**

- Orthogonal Series
- Block-orthonormal Systems
- Approximation Theory

## **Publications**

1. G. Nadibaidze, On the summability almost everywhere by the methods  $(c, a)$  and Abel-Poisson's of series with respect to block-orthonormal systems. Bulletin of TICMI, vol.18, No. 1, 2014, pp. 141-145.
2. G. Nadibaidze, On the summability by Cesaro methods of double series with respect to block-orthonormal systems, Analysis Mathematica, V. 38, N. 3, 2012, pp. 203-226.
3. G. Nadibaidze, On the convergence almost everywhere of double series with respect to diagonal block-orthonormal systems. Acta Math. Acad. Paedagog. Nyiregyhaziensis, 27, 2011, pp. 257-265.
4. G. Nadibaidze, On the almost everywhere convergence and partial sum's majorant of series with respect to block- orthonormal systems. Bull. Georg. Acad. Sci. (New Series).vol.3, №3, 2009, pp. 12-15.
5. G. Nadibaidze, On the almost everywhere convergence of the arithmetic means of double series with respect to block-orthonormal systems. Bull. Georg. Acad. Sci. 169, №3, 2004, pp.458-460.
6. G. Nadibaidze, On the convergence almost everywhere of double series with respect to block-orthonormal systems. Bull. Georg. Acad. Sci. 163, №3,2001, pp. 423-425.
7. G. Nadibaidze, On the  $(c, -1 < \alpha < 0)$ -summability of series with respect to block-orthonormal systems. Georgian Math. J. 7, №3, 2000, pp. 565-575.
8. G. Nadibaidze, On the rearranged block-orthonormal and block-independent systems. Bull. Georg. Acad. Sci. 161, №3, 2000, pp. 398-400.
9. G. Nadibaidze, On the rearranged block-orthonormal systems. Georgian Math. J. 7, №1, 2000, pp. 169-177.
10. G. Nadibaidze, On the absolute summability of series with respect to block-orthonormal Systems. Georgian Math. J. 6, №1, 1999, pp. 83-90.
11. G. Nadibaidze, On the convergence and summability of series with respect to block-orthonormal systems. Georgian Math. J. 2, №5, 1995, pp.517-534.
12. G. Nadibaidze, On some problems connected With series with respect to  $\Delta_k$ -ONS. Bull. Acad. Sci. Georgia. 144, №2, 1991, pp. 233-236.
13. G. Nadibaidze, On some problems connected With series with respect to  $\Delta_k$ -ONS. Bull. Acad. Sci. Georgia 143, №1, 1991, pp. 16-19.

## **International Conferences**

1. G. Nadibaidze, On the convergence and summability of series with respect to rearranged block-orthonormal systems, Georgian-Hungarian joint workshop on Dyadic Analysis and Related Fields, Nyiregyhaza, Hungary, June 1-7, 2015
2. G. Nadibaidze, On the summability by Ricz methods of series with respect to block-orthonormal systems. International Conference Dyadic Analysis and Related Fields with Applications, dedicated to the 75th birthday of Professor Ferenc Schipp, to the 70th birthday of Professor William Wade, and to the 65th, Nyiregyhaza, Hungary, June 1-6, 2014
3. G. Nadibaidze, On the Exactness of Weyl Multipliers for A. E. Cesaro Summability of Series with Respect to Block-Orthonormal Systems , International Conference on Fourier Analysis and Approximation Theory dedicated to the 80th birthday of Academician Levan Zhizhiashvili, Bazaleti, October 23-28, 2013
4. G. Nadibaidze, On summability almost everywhere by Cesaro and Abel-Poisson method of series with respect to block-orthonormal systems. International Conference Constructive Theory of Functions-2010, Sozopol, Bulgaria, June 3 - 10, 2010
5. G. Nadibaidze, On the existence of Weyl multipliers for a.e. Convergence and summability of series with respect to diagonal block-orthonormal systems. I International conference of georgian math. Union, Batumi, 12-19 september, 2010
6. G. Nadibaidze, On the Fourier coefficients and absolute summability almost everywhere of series with respect to block-orthonormal systems , 6th International Conference on Functional Analysis and Approximation Theory, Acquafredda di Maratea, Italy, September 24-30, 2009
7. G. Nadibaidze, On Weyl multipliers for almost everywhere summability of double block-orthogonal series, International Conference “Modern Problems in Applied Mathematics”, Dedicated to the 90-th anniversary of Iv. Javakhishvili Tbilisi State University and 40th Anniversary of the Foundation of I.Vekua Institute of Applied Mathematics , 7-9 October, 2008.
8. G. Nadibaidze, On the almost everywhere summability of double series with respect to block-orthonormal systems, International Conference “Harmonic Analysis and approximations, IV”, Tsaghkadzor, Armenia. 19-26 September, 2008

## **Received Scientific Grants**

1. Problems of Harmonic Analysis, 2008-2009, Georgian National Science Foundation № GNSF/ST07/3-171, Researcher.
2. Classes of Functions and Problems of approximation, 2009-2011, Georgian National Science Foundation, № GNSF/ST08/3-393. Manager.