

Curriculum Vitae

Name	Vakhtang
Surname	Kokilashvili
Date and place of birth	1 May 1938, Tbilisi
Address:	
Work	1, M.Alexidze St., A.Razmadze Institute of Mathematics, 0193, Tbilisi, Georgian
Organization:	A.Razmadze Institute of Mathematics: The Black Sea International University, I.Javakhishvili Tbilisi State University
Higher education:	
1944-1954	Tbilisi Railway Secondary School N 7
1954-1959	Graduated from the Faculty of Mechanics and Mathematics of Tbilisi State University, with distinction
1959-1962	Postgraduate of the A.Razmadze Institute of Mathematics; speciality: theory of functions and functional analysis
Scientific degree and title:	
1963	Candidate of Physico-Mathematical Sciences
1981	Doctor of Rhysico-Mathematical Sciences
1997	to the present day – Corresponding-Member of the Georgian Academy of Sciences
Positions held:	
1963-1966	Junior Research Worker, A.Razmadze Institute of Mathematics
1966-1986	Senior Research Worker, A.Razmadze Institute of Mathematics
1986-2001	Leading Research Worker, A.Razmadze Institute of Mathematics
2001	to the present day – Chief Research Worker, A.Razmadze Institute of Mathematics
1990	to the present day Head of the Department of Mathematical Analysis, A.Razmadze Institute of Mathematics
1989-2006	Deputy Director for Scientific Work, A.Razmadze Institute of Mathematics
Sphere of scientific interests:	Real and complex analysis, nonlinear harmonic analysis and the theory of approximation of functions, boundary problems of mathematical physics
Number of published works	209 papers and 6 monographs
List of principal scientific works:	
	Monographs:
	1. V. Kokilashvili and M. Krbec, Weighted inequalities in Lorentz and Orlicz spaces. <i>World Scientific</i> , 1991.
	2. D. E. Edmunds, V. Kokilashvili , and A. Meskhi, Bounded and compact integral operators. Mathematics and its Applications, 543. <i>Kluwer Academic Publishers, Dordrecht</i> , 2002.
	3. V. Kokilashvili , A. Meskhi and L. E. Persson, Weighted Norm Inequalities for Integral Transforms with Product Kernels. <i>Nova Science Publishers, New York, USA</i> , 2009.
	Papers:
	4. On analytic functions of Smirnov-Orlicz classes. <i>Studia Math.</i> 31 (1968), 152-174.
	5. Weighted inequalities for maximal functions and fractional integral in Lorentz spaces. <i>Math. Nachr.</i> 133 (1987), 33-42.
	6. Two-weight estimates for singular integrals defined on homogeneous type spaces. <i>Canadian J. Math.</i> 52 (2000), No. 3, 468-502 (with D. Edmunds and A. Meskhi).

Scientific prizes and awards

Contact telephones

E-mail

Personal Web. page:

7. Maximal and fractional operators in weighted $L^{p(x)}$ spaces. *Revista Math. Iberoamericana* **20** (2004), No. 2, 493-515 (with S. Samko).
8. One-sided operators in $L^{p(x)}$ spaces. *Math. Nachr.* **281**(2008), n₀. 11, 1525-1548 (with D. E. Edmunds and A. Meskhi).
9. Operators of Harmonic Analysis in weighted spaces with non-standard growth. *J. Math. Anal. Appl.* (2008); doi:10.1016/j.jmaa.2008.06.056 (with S. Samko).
10. Two-weight estimates in $L^{p(\cdot)}$ spaces with applications to Fourier series. *Houston J. Math.* **35**(2009), №2, 665-689 (with D. E. Edmunds and A. Meskhi).

1. 1954-1959 – personalized scholarship

2. 1985 – A.Razmadze Prize

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