Georgian National Academy of Sciences

Personal Data (CV)

Surname	Meskhi	First Name	Alexander
Address (work, home)	**Work:** 2, Merab Aleksidze II Lane, Tbilisi 0193, Georgia **Home:** Plateau Nutsubidze M/D III, Block III, Buil. 8, Flat 33. 0186 Tbilisi, Georgia	Date and place of birth	May 2, 1972, Tbilisi
Citizenship	Georgia	Telephone number(s)	(+995) 593573895
E-mail	Alexander.meskhi@kiu.edu.ge		

3. Education

Education	Institution	Learning Time
Secondary	Tbilisi, Public School No. 126	1978-1989
Higher	Georgian Technical University	1990-1995
Postgraduate study, doctoral candidacy	A.Razmadze Mathematical Institute of the Georgian National Academy of Sciences, Tbilisi, Georgia	1995-1998

4. Knowledge of Languages

Foreign languages	Level of language proficiency (fluent, intermediate, beginning with the help of a dictionary)
English	Fluent
Italian	Fluent
Russian	Fluent

5. Scientific or Academic Degree and Rank

	Title of the thesis	Date of conferment	Degree
Ph.D. thesis	Two-weight inequalities for singular integrals defined on homogeneous groups	25.11.1998	Candidate of Phys.-Math.
Doctoral thesis	Boundedness and compactness criteria for potential type operators	05.12.2001	Doctor of Phys-Math.
Academician Doctor			

Professor		**2009**	
Corresponding Member of the Academy		**2024**	
Member of the Academy			

6. Work Experience

Date	Institution	Position
2022– up to now	A.Razmadze Mathematical Institute of I. Javakhishvili Tbilisi State University	Head of the Department of Mathematical Analysis at
2020-up to now	Kutaisi International University	Professor
2018-up to now	A. Razmadze Mathematical Institute of I. Javakhishvili Tbilisi State University	Chief Scientific Researcher
2009-2020	Georgian Technical University	Full Professor
2016-up to now	San Diego State University-Georgia	Faculty member, Instructor
2010	University of Padua, Italy	Visiting Professor
2006-2014	Abdus Salam School of Mathematical Sciences, GC University, Lahore, Pakistan	Foreign Professor
2003-2005	Scuola Normale Superiore of Pisa, Italy	Postdoctoral Position
2000-2018	A. Razmadze Mathematical Institute of I. Javakhishvili Tbilisi State University, Georgia	Senior Researcher
1998-2000	A. Razmadze Mathematical Institute of I. Javakhishvili Tbilisi State University, Georgia	Scientific Researcher

6.1 Teaching Activity

Date	Institution	Position
2020-up to now	Kutaisi International University	Professor
2009-2020	Georgian Technical University	Full Professor
2021-up to now	Beijing Normal University, Republic of China	Invited Professor
2016-up to now	San Diego State University-Georgia	Faculty member, Instructor
2008-2010	School of Galileo Galilei, University of Padua, Italy	Visiting Professor
2006-2014	School of Mathematical Sciences, GC University, Lahore, Pakistan	Foreign Professor
2005, 2016-2018	International Black Sea University, Tbilisi, Georgia	Lecturer
2014-2017	Free University, Tbilisi, Georgia	Invited Lecturer
2001-2002	Tbilisi State University	Invited Lecturer

6.2 Work Abroad

Form of activity	Date	Place and Institution
Delivering a course of lectures at foreign higher education institutions	2008-2010	School of Galileo Galilei, University of Padua, Italy
	2006-2014	School of Mathematical Sciences, GC University, Lahore, Pakistan

	2022, 2024	Beijing Normal University, Republic of China
Long-term academic mission to research institutions	2006-2014	School of Mathematical Sciences, GC University, Lahore, Pakistan
	2003-2005	Scuola Normale Superiore of Pisa, Italy
	2016	San Diego State University, USA
	1999, 2001	University of Sussex, UK.
Other		

7. Sphere of Scientific Interests

Functional Analysis
Harmonic Analysis
Function Spaces
Applications in PDEs

8. Publications (Total number, indicating the Citation Index (*number*))

Monographs	6
Papers	137
Short communications	58

Citation by Situation by December 2024

Scopus:	1219, h-index 19
Web of science	1191, h-index 18
Google scholar	3086, h-index 28

8.1 Monographs

Years	
2002	D. E. Edmunds, V. Kokilashvili and **A. Meskhi**, Bounded and Compact Integral Operators, *Kluwer Academic Publishers, Dordrecht, Boston, London*
2009	**A.Meskhi**, Measure of Non-compactness for Integral Operators in Weighted Lebesgue Spaces. *Nova Science Publishers, New York*
2010	V. Kokilashvili, **A. Meskhi** and L. E. Persson, Weighted Norm Inequalities for Integral Transforms with Product Kernels, *Nova Science Publishers, New York*

Years	
2016	V. Kokilashvili, **A. Meskhi**, H. Rafeiro and S. Samko, Integral operators in non-standard function spaces: Variable exponent Hölder, Morrey-Campanato and grand spaces, Volume 2, *Birkäuser/Springer, Heidelberg*, pp. 568-1003.
2016	V. Kokilashvili, **A. Meskhi**, H. Rafeiro and S. Samko, Integral operators in non-standard function spaces, Volume I: Variable exponent Lebesgue and amalgam spaces, *Birkäuser/ Springer, Heidelberg,* pp. 1-567.
2024	V. Kokilashvili, **A. Meskhi**, H. Rafeiro and S. Samko, Integral operators in non-standard function spaces, Volume 3: Advances in Grand Function Spaces, Volume III, *Birkäuser/ Springer, Heidelberg,* pp 1004-1526.

8.2 Principal Papers (no more than 50)

Years	
2024	**A. Meskhi,** H. Rafeiro and Ts. Tsanava**,** Predual Space and Calderon Construction for Grand Weighted Morrey Spaces, and some applications*, Boletín de la Sociedad Matemática Mexicana,* 30:47, https://doi.org/10.1007/s40590-024-00607-6
2024	D. E. Edmunds, D. Makharadze and **A. Meskhi**, Embeddings and related topics in grand variable exponent Hajłasz-Morrey-Sobolev spaces, *Mathematical Inequalities and Applications*, **27**, No. 1, 201-217
2024	**A. Meskhi**, Extrapolation in new weighted grand Morrey spaces beyond the Muckenhoupt classes, *Journal of Mathematical Analysis and Applications*, **529**(2024), No. 2, 15 January 2024, 127181, https://doi.org/10.1016/j.jmaa.2023.127181
2024	E. Gordadze, **A. Meskhi** and M. A. Ragusa, On some extrapolation in generalized grand Morrey spaces and applications to PDEs, *Electronic Research Archive* (ERA) **32(1)**: 551–564. DOI: 10.3934/era.2024027
2023	L. Grafakos and **A. Meskhi**, On sharp Olsen's and trace inequalities for multilinear fractional integrals, *Potential Analysis,* **59**, 1039-1050, https://doi.org/10.1007/s11118-022-09991-y
2023	G. Imerlishvili and **A. Meskhi**, Weighted inequalities for one-sided multilinear fractional integrals. *Positivity* **27**, 1. https://doi.org/10.1007/s11117-022-00954-6
2023	V. Kokilashvili and **A. Meskhi**, Rubio de Franc\'ia's weighted extrapolation in mixed norm spaces and applications, *Mathematische Nachrichten*, *Math. Nach.*, **296**, No. 9, 3929-3947. **https://doi.org/10.1002/mana.202100244**
2021	V. Kokilashvili and **A. Meskhi**, Boundedness of integral operators in generalized weighted grand Lebesgue spaces with non-doubling measures, *Mediterranean J. Math.* **18: 50**. https://doi.org/10.1007/s00009-020-01694-1
2021	V. Kokilashvili and **A. Meskhi**, Boundedness of integral operators in generalized weighted grand Lebesgue spaces with non-doubling measures, *Mediterranean J. Math.* **18: 50**. https://doi.org/10.1007/s00009-020-01694-1
2021	D. E. Edmunds and **A. Meskhi**, A Multilinear Rellich Inequality, *Mathematical Inequalities and Applications* (MIA), 24, 265–274, DOI: doi:10.7153/mia-2021-24-19
2021	D. E. Edmunds, V. Kokilashvili and **A. Meskhi**, Embeddings in grand variable exponent function spaces, *Results Math.* **76**, no. 3, Paper No. 137, 27 pp. DOI 10.1007/s00025-021-01450-1
2020	V. Kokilashvili and **A. Meskhi,** Trace inequalities for fractional integrals in mixed norm grand Lebesgue spaces, *Fractional Calculus and Applied Analysis,* **23**, No. 5, 1451-1471. DOI: https://doi.org/10.1515/fca-2020-0072

2020	V. Kokilashvili, M. Mastylo and **A. Meskhi,** Calderón-Zygmund singular operators in extrapolation spaces, *Journal of Functional Analysis,* 279, Issue 10, 108735, https://doi.org/10.1016/j.jfa.2020.108735
2020	V. Kokilashvili and **A. Meskhi,** On integral operators in weighted grand Lebesgue spaces of Banach-valued functions, *Mathematical Methods in the Applied Sciences,* https://doi.org/10.1002/mma.6779
2020	V. Kokilashvili, M. Mastylo and **A.Meskhi,** On the Boundedness of Multilinear Fractional Integral Operators, *The Journal of Geometric Analysis,* 30, 667-679, https://doi.org/10.1007/s12220-019-00159-6
2019	V. Kokilashvili, M. Mastylo and **A.Meskhi,** Compactness criteria for fractional integral operators, *Fractional Calculus and Applied Analysis,* 22, No 5, 1259-1283.
2019	V. Kokilashvili, M. Mastylo and **A.Meskhi,** The measure of noncompactness of multilinear operators, *Nonlinear Analysis,* 188, 70–79, https://doi.org/10.1016/j.na.2019.05.011
2019	D. E. Edmunds and **A.Meskhi,** Two-weighted Hardy operator in $L^{p(x)}$ spaces and applications, *Studia Math.* 249, 143-162, DOI: 10.4064/sm180204-20-8
2019	V. Kokilashvili, **A.Meskhi** and M. A. Ragusa Weighted Extrapolation in Grand Morrey Spaces and Applications to Partial Differential Equations, Rendiconti *Lincei Matematica e Applicazioni Rend. Lincei Mat. Appl.* 30, 67–92 DOI 10.4171/RLM/836
2019	D. E. Edmunds, V. Kokilashvili and **A.Meskhi,** Sobolev-type inequalities for potentials in grand variable exponent Lebesgue spaces, *Mathematische Nachrichten,* 292, No.10. 2174-2188. DOI: 10.1002/mana.201800239
2018	**A.Meskhi,** H. Rafeiro and M. A. Zaighum, Central Calderon-Zygmund operators on Herz type Hardy spaces of variable smoothness and integrability, *Annals of Functional Analysis,* 9, No.3, 310-321. http://dx.doi.org/10.1215/20088752-2017-0030
2018	V. Kokilashvili and **A. Meskhi,** One-sided operators in grand variable exponent Lebesgue spaces, *Zeitschrift fur Analysis und ihre Anwendungen,* 37, No.3, 251-375. DOI: 10.4171/ZAA/1614
2018	V. Kokilashvili, **A.Meskhi** and M. A. Zaighum, Sharp weighted bounds for fractional integrals via the two-weight theory, *Banach Journal of Mathematical Analysis,* 12, No. 3, 673-692, doi:10.1215/17358787-2017-0063
2018	**A. Meskhi,** H. Rafeiro and M. A. Zaighum, Interpolation of an analytic family of operators on variable exponent Morrey spaces, *Hiroshima Mathematical Journal,* 48, No.3, 335-346 https://projecteuclid.org/all/euclid.hmj
2018	A. Meskhi and Y. Sawano, Density, Duality and preduality in grand variable exponent Lebesgue and Morrey spaces *Mediterranean Journal of Mathematics,* 15, 100, https://doi.org/10.1007/s00009-018-1145-5
2017	A. Fiorenza, V. Kokilashvili and **A. Meskhi,** Hardy-Littlewood maximal operator in weighted grandvariable exponent Lebesgue space, *Mediterranean J. Math.* 14, No. 3, Art 118, 20 pp. DOI 10.1007/s00009-017-0921-y 1660-5446/17/030001-20
2017	**A. Meskhi,** H. Rafeiro and M. A. Zaighum, Central Calderon-Zygmund operators on Herz type Hardy spaces of Variable Smoothness and Integrability, *Annals of Functional Analysis,* 2017, http://dx.doi.org/10.1215/20088752-2017-0030
2017	**A. Meskhi,** H. Rafeiro and M. A. Zaighum, Complex interpolation on variable exponent Campanato spaces of order k, *Complex Variable and Elliptic Equations,* 62, No.6, 795-813
2016	V. Kokilashvili, M. Mastylo and **A.Meskhi,** Multilinear integral operators in weighted grand Lebesgue spaces, *Frac. Calc.Appl. Anal.* 19, No. 3, 691-72
2016	**A. Meskhi** and M. A. Zaighum, Weighted Kernel Operators in $L^{p(x)}(R_+)$ spaces. *J. Math. Ineq.* 10, Number 3, 623–639, DOI: 10.7153/jmi-10-50
2016	**A. Meskhi,** H. Rafeiro and M. A. Zaighum, Interpolation on variable Morrey spaces defined on quasi-metric measure spaces, *J. Functional Analysis,* 270, Issue 10, pp. 3946-

Years	
	3961. doi: 10.1016/j.jfa.2015.11.013
2015	V. Kokilashvili and **A. Meskhi**, On weighted Bernstein type inequality in grand variable exponent Lebesgue spaces, *Mathematical Inequalitiesand and Applications,* **18**, No.3, 991–100*2*
2015	V. Kokilashvili, M. Mastylo and **A.Meskhi**, Fractional integral operators between Banach function lattices, *Nonlinear Analysis, Theory, Methods and Applications,* **117,** 148–158.
2015	V. Kokilashvili, M. Mastylo and **A. Meskhi**, The multisublinear maximal type operators in Banach function lattices, *J. Math. Anal. Appl.* **421**,No.1,656–668.
2014	V. Kokilashvili, A. Meskhi and H. Rafeiro, Grand Bochner-Lebesgue space and its associate space, *J. Functional Anal.***266**, No. 4, 2125–2136.
2014	V. Kokilashvili, M. Mastylo and **A.Meskhi**, On the boundedness of the multilinear fractional integral operators, *Nonlinear Analysis, Theory, Methods and Applications,* **94**, 142-147.
2013	V. Kokilashvili and **A. Meskhi**, Potentials with product kernels in grand Lebesgue spaces: One-weight criteria, *Lithuanian Math. J.* **53**, No.1, 27-39.
2012	V. Kokilashvili and **A. Meskhi**, Trace inequalities for integral operators with fractional order in grand Lebesgue spaces, *Studia Mathematica,* **210**, 159-176, DOI: 10.4064/sm210-2-4.
2011	**A. Meskhi**, Maximal functions, potentials and singular integrals in grand Morrey spaces, *Complex Variables and Elliptic Equations*, **56**, No. 10–11, 1003–1019.
2009	V.Kokilashvili and **A. Meskhi**, Two-weight estimates for strong fractional maximal functions and potentials with multiple kernels.*J. Korean Math. Soc.* **46**, No. 3, 523–550.
2009	D. E. Edmunds, V. Kokilashvili and **A.Meskhi**, Two-weight estimates in $L^{p(.)}$ spaces with applications to Fourier series. *Houston Journal of Mathematics,* **35**, No. 2, 665-689.
2008	D. E. Edmunds, V. Kokilashvili and **A.Meskhi**, One-sided operators in $L^{p(x)}$ spaces. *Math. Nachr.* **281**, No. 11, 1525–1548.
2006	D. E. Edmunds, A. Fiorenza and A.Meskhi, On a measure of non-compactness for some classical operators. *Acta Math. Sinica.* (Eng. Series)**22**(6), 1847-1862.
2005	**A. Meskhi**, A note on two-weight inequalities for multiple Hardy-type operators, *J. Funct. Spaces Appl.* **3**, 223-237.
2005	V.Kokilashvili and **A.Meskhi**, On some two-weight inequalities for fractional integrals on nonhomogeneous spaces, *Zeitschrift für Analysis und ihre Anwendungen,* **24**, No.4, 871-885.
2003	**A. Meskhi**, On a measure of non-compactness for singular integrals. *J. Function Spaces Appl.* **1**, No.1, 35-43
2003	D. E. Edmunds and **A.Meskhi** On a measure of non-compactness for maximal operators. *Math. Nachr.* 254-255, 97-106.
2001	**A. Meskhi**, On the singular numbers for some integral operators. *Revista Mat. Complutense* **14**, No.2, 379-393.
2001	**A. Meskhi**, Criteria for the boundedness and compactness of integral transforms with positive kernels, *Proc. Edinburgh Math. Soc.* **44**, 267-284.

8.3 Textbooks, Additional Manuals, and other Methodological Literature and Training means

Years	

8.4 Electronic Publications

Years	Title	Address of Source

8.5 Participation in Scientific Symposiums, Conferences for the last ten years

Years	Title	Name of Event
2024	Rubio de Francia's extrapolation in grand Banach function spaces	XIV International Conference of the Georgian Mathematical Union, September 2-7, Batumi, Georgia
2024	Commutators of sublinear operators in Grand variable exponent Morrey spaces and applications to PDEs	XIV International Conference of the Georgian Mathematical Union, September 2-7, Batumi, Georgia
2024	Boundedness criteria for the multilinear Riemann-Liouville operators, XIV International Conference of the Georgian Mathematical Union	XIV International Conference of the Georgian Mathematical Union, September 2-7, Batumi, Georgia
2024	Multilinear fractional integrals: boundedness criteria and sharp estimates	Function spaces XIII, July 8-12, Adam Mickiewicz University, Poznan, Poland
2024	Extrapolation in some mixed-normed function spaces	The International Conference on Modern Problems of Mathematics, Mechanics and their Applications (MPMMA), June 20-22, Baku, Azerbaijan
2024	Interpolation in weighted (grand) Morrey spaces	International mini-symposium "Analysis and Related Topics", June 24-27, Kutaisi International University, Georgia
2024	Extrapolation in grand Banach function spaces,	International scientific workshop OTHA Spring 2024, 21-25 of April, Institute of Mathematics of National Academy of Sciences of Armenia, Yerevan, Armenia
2024	Extrapolation in grand Banach function spaces	7th International HYBRID Conference on Mathematical Advances and Applications, May, 8-11, Yildiz, Technical University, Istanbul, TÜRKİYE
2024	Extrapolation and interpolation in weighted grand Morrey space	International Conference "Function Spaces, Analysis and Approximation", February 3-6, Nazarbayev University Astana, Kazakhstan
2023	Duality, interpolation and extrapolation for weighted grand Morrey spaces	The fourth international conference "Modern Problems in Applied Mathematics" (MPAM2023) Dedicated to the 105th Anniversary of I. Javakhishvili Tbilisi State University & 55th Anniversary of I.Vekua Institute of Applied Mathematics, Tbilisi, Georgia, September 13-15.

2023	Two-weight criteria for multiple fractional integrals in mixednormed Lebesgue spaces	XIII International Conference of the Georgian Mathematical Union, Batumi, Georgia, September 4 – 9
2023	Embeddings and regularity of potentials in grand variable exponent function spaces	XIII International Conference of the Georgian Mathematical Union, Batumi, Georgia, September 4 – 9
2023	Extrapolation in mixed-normed function spaces and applications	Mini-symposium in "Analysis and Relater Topics" in the framework of KIU Annual Conference, Math and Computer Science, July 11-13
2022	Boundedness criteria and sharp estimates for multilinear fractional integral operators	International Seminar, Yildiz Technical University International Mathematical Analysis Society, November 23
2022	Multilinear fractional integrals: boundedness criteria and sharp estimates	Recent Advances in Analysis and Applications, Al Ain, UAEU, October 19-20
2022	Operators of Harmonic Analysis in Grand Variable Exponent Morrey Spaces	International Conference on "Function Spaces and Applications" (FSA-2020), Apolda, Germany, October 1 - 7
2022	Weighted extrapolation in grand Morrey spaces beyond the Muckenhoupt range	XII Annual International Conference of the Georgian Mathematical Union, Batumi, August 29 – September 03
2022	Sharp Olsen's and trace inequalities for multilinear fractional integrals	KIU Annual Conference, Math and Computer Sciences, Mini-symposium Analysis and Related Topics, July 12-14, Kutaisi International University, Georgia
2021	Weighted extrapolation and boundedness in generalized grand Morrey spaces, and applications to partial differential equations	XI Annual International Conference of the Georgian Mathematical Union, August 23-28, Batumi, Georgia
2021	On a weighted inequality for fractional integrals	8th European Congress of Mathematics, Portorož, Slovenia, 22-26 June
2021	On the essential norm for multilinear operators	13th ISAAC Congress, August 2–August 6, Ghent, Belgium
2021	Maximal and singular integral operators in weighted Lebesgue spaces of Banach-valued functions	Modern Movement of Science: abstracts of the 12th International Scientific and Practical Internet Conference, April 1-2, Dnipro, Ukraine
2020	The weight estimates for one-sided multilinear fractional integrals http://www.viam.science.tsu.ge/enlarged/2020/	XXXIV International Enlarged Sessions of the Seminar of Ilia Vekua Institute of Applied Mathematics (VIAM) of Ivane Javakhisvili Tbilisi State University (TSU), September 16-19
2020	Boundedness criteria for maximal and singular	XXXIV International Enlarged Sessions of

	integral operators in weighted variable exponent Lebesgue spaces	the Seminar of Ilia Vekua Institute of Applied Mathematics (VIAM) of Ivane Javakhisvili Tbilisi State University (TSU), September 16-19
2020	Weighted multilinear Rellich and Hardy inequalities http://www.ic-mrs.org/	3rd International Conference on Mathematical and Related Sciences: Current Trends and Developments (ICMRS 2020), 20-22 November, Antalya, Turkey (Online conference)
2020	Weighted inequalities for one-sided multilinear integral operators	3rd International Conference on Mathematical and Related Sciences: Current Trends and Developments (ICMRS 2020), 20-22 November, Antalya, Turkey (Online Conference) http://www.ic-mrs.org/
2019	Measure of non-compactness for multisublinear maximal functions and multilinear singular integrals	X Annual International Meeting of the Georgian Mechanical Union, September 26-28, Telavi, Georgia
2019	Maximal and Calderon-Zygmund operators in extrapolation Banach function lattices and applications	12-th ISAAC Congress, July 29- August 2, Aveiro, Portugal
2018	On the Rellich Inequality in Variable Exponent Lebesgue Spaces	International Congress of Mathematicians (ICM2018), August 1-9, Rio de Janeiro, Brazil
2018	Integral Operators of Harmonic Analysis in Grand Variable Exponent Lebesgue Spaces (Invited Speaker)	Banach Spaces and Operator Theory with Applications, July 3-7, Adam Mickiewicz University, Poznan, Poland
2018	Multilinear fractional integrals in weighted function spaces",	Beijing Normal University, China
2018	Weighted Extrapolation in Grand Lebesgue Spaces defined on Product Sets	Adam Mickiewicz University, Poznan, Poland
2016	Sublinear operators in weighted grand Morrey spaces	The 11th AIMS Conference on Dynamical Systems, Differential Equations and Applications, July 1-5, Orlando, Florida, USA
2017	Integral operators in some new non-standard function spaces	Pontificia Universidad Javeriana, Bogota, Columbia
2016	On Some Mapping Properties of Multilinear Integral Operators	San Diego State University, USA
2015	Multilinear Integral Operators in Weighted Function Spaces	II Advanced Courses in Applied Mathematics, Tbilisi I. Vekua Institute of Applied Mathematics of I. Javakhishvili Tbilisi State University, 28-29 September, Georgia
2015	Multilinear Integral Operators in Some Non-standard Weighted Function Spaces	Swedish-Georgian Conference in Analysis and Dynamical Systems, July 15-22, Tbilisi, Georgia
2015	Fractional integral operators between Banach	International Workshop on Operator

	function lattices	Theory and Applications (IWOTA 2015), July 6-10, Tbilisi, Georgia
2015	One-sided operators in grand variable exponent Lebesgue spaces	Joint International Meeting of the American, European and Portuguese Mathematical Societies (AMS, EMS and SPM, respectively), June 10-13, Porto, Portugal

9. Organizational Work (Holding of Congresses and Conferences, Editorial Work)

Years	Name
2022-up to now	President of the Georgian Mathematical Union
2022, 2023, 2024	Chair of the Organizing committee of the Annual International Conference of the Georgian Mathematical Union, Batumi
2022-up to now	Editor-in-Chief of the International Journal ''Transactions of A. Razmadze Mathematical Institute''
2022-up to now	Member of the Editorial Board of the of International Journal 'Georgian Mathematical Journal'' (De Guyter).
2020-up to now	Member of the Editorial Board of J. Function Spaces (Hindawi)
2011-up to now	Member of the Editorial Board of International Journal „Journal of Mathematical Inequalities" (JMI) (Croatia).
2013-up to now	Associate Editor of „Journal of Inequalities and Applications" (Springer).
2023-up to now	Member of the Editorial Board of „Armenian J. Math"
2018-up to now	Member of the Editorial Board of „Commenatationes Mathematicae" (Poland).

10. Inventions (Author's Certificate, Patents)

Years	Name

11. International and Local Scientific grants

Years	Name
31.01.2023-31.01-2024	Grant of BSU, "Problems of the multilinear extrapolation and approximation theory in function spaces of Grand and Morrey type", Resolution of the Academic Council of BSU №06-01/04, 31.01.2023, Appendix №4.
22.02.2019-21.02.2022	Shota Rustaveli National Science Foundation Grant ''New approaches in modern analysis on metric spaces, multidimensional and Applied Harmonic Analysis. Applications to PDEs'' Project No. FR-18-2499.
13.12.2018-12.12.2021	Shota Rustaveli National Science Foundation Grant '' Integral Operators in Non-standard Function Spaces; New Aspects of Fourier Analysis and Wavelet Theory'', Project No. DI 18-118
25.08.2017 – 31.08.2017	Study the boundedness of sublinear operators in grand Morrey spaces in the framework of doubling metric spaces, Pontificia Universidad Javeriana, Convocatoria n° 015 de 2017 - movilidad de profesores para desarrollar investigación con instituciones extranjeras, Project Number 7905
15.04.2013-	Shota Rustaveli National Science Foundation Grant ''Modern Problems of Harmonic

14.04.2016	Analysis, Approximation Theory and Integral Operator Theories in New Function Spaces"; Applications to the Boundary Value Problems (contract number 31/47)
2012-2014	Shota Rustaveli National Science Foundation Grant, Integral operators and boundary value problems in new function spaces; new aspects in Fourier and wavelet theories (contract number D/13-23).
18.09.2011-24.09.2011	Shota Rustaveli National Science Foundation Grant, Name of the Project: "8the International Conference on Function Spaces, Differential Operators, and Nonlinear Analysis", Project No. 11_tr_129.
01.01.2010-01.01.2013	Shota Rustaveli National Science Foundation Grant, "New aspects in function spaces, differential and integral operators and non-linear analysis, and applications in PDE", No. GNSF/ST09_23_3-100.
01.01.2008-01.01.2010	Georgian National Foundation Grant "Some Topics of Harmonic and Non-linear Analysis in Non-standard Setting with Applications in Differen-tial Equations" No. GNSF/ST07/3-169.
01.01.2007-01.01.2009	Georgian National Science Foundation Grant, "Nonstandard function spaces and functions with applications to partial differential equations", No. GNSF/ST06/3-010
2008, 2009, 2010	GNAMPA, Italy
01.09. 2006-01.09.2008	INTAS grant: "Function spaces and applications to partial differential equations", No. 05-1000008-8157
1998, 2000-2004, 2006-2009	Georgian President's Grant for Young Scientists
2001-2002	An INTAS Fellowship grant for Young Scientists (Fellowship Reference No YSF 01/1-8)
1999, 2001	Grant of the Royal Society (UK)
1999-2003	Grant of the Georgian Academy of Sciences No. 1.7
1997-1998	J. Soros Grant for Post-graduate Students

12. Scientific-Commercial Activity, author's certificate, Implementation

Years	Name

13. Other Activities

	Name	Years
Supervision of Theses and Masters work		
PhD thesis	Giorgi Imerlishvili, "Weighted estimates for multilinear fractional integrals"	2023
PhD thesis	PhD thesis, Muhammad Asad Zaighum "Kernel operators in some new function spaces"	2014

PhD thesis	Ghulam Murtaza "Two-weight criteria for potentials with product kernels on the cone of non-increasing functions"	2012
PhD thesis	Muhammad Sarwar, "Maxiamal and potential operators in weighted Lebesgue spaces with nonstandard growth"	2011
PhD thesis	Muhammad Asif, "On the boundedness and measure of non-compactness for maximal and potential operators."	2009
PhD thesis	Usman Ashraf, "On trace inequalities and compactness for potential-type operators"	2009
Master work	Sofia Muzashvili, "Hardy transforms in weighted Lebesgue spaces"	2021
Master work	Ioseph Kristesiashvili, "Fractional integrals defined with respect to a measure and applications"	2020
Master work	Giorgi Imerlishvili, "Mapping properties of harmonic analysis in Morrey spaces, and applications	2019
Master work	Nodar Nadibaidze, "Applications of differential calculus in economics"	2020

Master work		2021
	Koba Abuladze, "Bochner Integral"	
Master work		2021
	Farzin Mashadiev, "Applications of elements of function theory in economics	
Participation in International, State and Regional Programs		

14. Awards and Prizes, Honorary Title

Date	Name of Awards, Prizes, Honorary Title
2000	Euler Premium for young scientists established by the German Mathematical Association (Germany)
2002	Award of the Georgian Mathematical Union for Young Scientists
2009	Award of the Georgian Mathematical Union for the Best Scientific Works
2012	Andrea Razmadze Prize of the Georgian National Academy of Sciences
2017-2022	Scholar of the Georgian National Academy of Sciences

15. Family Status

Married, two sons.