CURRICULUM VITAE

NAME: Ushangi Goginava

CURREN POSSITION: Full professor of Ivane Javakhishvili
Tbilisi State University

HOME ADDRESS: Temka IV m/d, Build. 11, flat 5, Tbilsi 0197, Georgia.

OFFICE ADDRESS: Department of Mathematics, Faculty of Exact and
Natural Sciences, Ivane Javakhishvili Tbilisi State University,
Chavchavadze str. 1, Tbilisi, 0128, Georgia.

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DATE OF BIRTH: October 2, 1968

PLACE OF BIRTH: Sokhumi, Georgia

CITIZENSHIP: Georgia

MARITAL STATUS: Married: Guranda Todua, 1972
Children: Keso, 2003
Akaki, 2001

EDUCATION:

- Ph.D., Ivane Javakhishvili Tbilisi State University, November 1996
- Doctor of Science, Ivane Javakhishvili Tbilisi State University, October 2001

PROFESSIONAL EXPERIENCE:

- Teacher of Sokhumi branch of Tbilisi State University,1996-1997.
- Docent of Sokhumi branch of Tbilisi State University,1997-2001.
- Professor of Ivane Javakhishvili Tbilisi State University, 2001-2006.
- Full Professor of Ivane Javakhishvili Tbilisi State University, 2006-present.
- Ilia Vekua Institute of Applied Mathematics, Senior Scientific Researcher

RESEARCH GRANTS:

- Research Director . Problems of Harmonic Analysis . Georgian National Foundation for Scientific Research GNSF/ST07/3-171 (2007-2009).
- Research Director . Properties of Maximal and Integral Operators and Their Applications in Fourier Analysis, Georgian National Foundation for Scientific Research GNSF /ST08/3-385 (2008-2010) .
- Researcher. Geometry of function spaces, interpolation and embedding theorems. State Grants for joint research activates with foreign scientists originated from Georgia 06/13 2011-2012-2013.
- Researcher . Shota Rustaveli National Science Foundation grant no.31/48 (Operators in some function spaces and their applications in Fourier analysis), 2013-2016.
- Researcher . Shota Rustaveli National Science Foundation grant DI/9/5-100/13 (Function spaces, weighted inequalities for integral operators and problems of summability of Fourier series, 2014-2017.
- Shota Rustaveli National Science Foundation grant 217282. Operators of Fourier analysis in some classical and new function spaces , 2016-2019.

CONFERENCE PRESENTATIONS:

1. U. Goginava, On the uniform convergence of Cesaro means of negative order of Fourier-Walsh-Paley series. Reports of Enlarged Session of the Seminar of I.Vekua's Institute of Applied Mathematics, 2, 9(1994).
2. U. Goginava, On the summability of multiple Fourier-Walsh-Paley series. Acad.I.Vekua's Jubilee days. Scientific conference April 27-29, Tbilisi, 1995, 5-8.
3. U. Goginava, On the convergence and divergence of multiple Walsh-Fourier series in thespace C. Acad.I.Vekua's Jubilee days. Scientific conference, Tbilisi, 1(1998), 3-6.

4. On the summability of multiple Fourier-Walsh-Paley series. Reports of Enlarged Session of the Seminar of I.Vekua's Institute of Applied Mathematics, 2-3, 13(1998), 9-12.
5. U. Goginava, On the uniform summability of multiple trigonometric Fourier series. Reports of Enlarget Session of the Seminar of I. Vekua's Institute of Applied Mathematics. 1-3, 15(2000), 78-80.
6. U. Goginava, On the embedding of classes H^{ω} , V[v(n)] in the class $BV\left(p(n)\uparrow\infty\right)$.Reports of Enlarget Session of the Seminar of I. Vekua's Institute of Applied Mathematics. 1-3, 15(2000), 75-77.
7. U. Goginava, On the maximal operator of Fejer and Marcinkiewicz means with respect to the Vilenkin system, Cyprus 06-11 May 2006
8. U. Goginava, Convergence of Walsh-Fourier series of functions with bounded oscillation, Cyprus 06-11 May 2006.
9. U. Goginava, Maximal operators of cesaro means of cubic partial sumsof *d*-dimensional Walsh-Fourier series , International conference Harmonic Analysis and Approximation, IV, 19-26 September, 2008, Tsaghkadzor, Armenia
10. U. Goginava, Maximal operators of Fejer means , the restricted maximal operators of Fejer means of double Walsh-Fourier series . International Conference on "Modern Problems in Applied Mathematics"Dedicated to the 90-th anniversary of Iv. Javakhishvili Tbilisi State University (TSU) and 40th Anniversary of the Foundation of I.Vekua Institute of Applied Mathematics , 26-28 September, 7-9 October, 2008
11. U. Goginava, On the maximal operators of Fejer means and dyadic derivative, Workshop on Dyadic Analysis and Related Areas with Applications, Dedicated to Prof. Ferenc SCHIPP on the occasion of his 70th birthday and to Prof. Péter SIMON on the occasion of his 60th birthday, June 7–10, 2009, Dobogókő (Hungary).
12. U. Goginava, Maximal operators of Logarithmic means of two-dimensional Walsh-Fourier series, FAAT 2009, 6th International Conference on Functional Analysis and Approximation Theory, Acquafredda di Maratea, Italy, September 24-30, 2009.
13. U. Goginava, On the convergence and summability of Fourier series, Workshop on Real Analysis, 8-11 October, 2009, Tsaghkadzor, Armenia
14. U. Goginava and L. Gogoladze, Strong approximation of two-dimensional Walsh-Fourier series, International Conference "Constructive Theory of Functions" June 3-10, 2010, Sozopol, Bulgaria.
15. U. Goginava and A. Sahakian,, On the double Fourier series of functions of bounded partial Λ -variation, International Conference "Constructive Theory of Functions" June 3-10, 2010, Sozopol, Bulgaria.
16. U. Goginava , Marcinkiewicz-Fejer Means of two-dimensional Walsh-Fourier Series, The Jozef Marcinkiewicz Centenay Conferene, JM100, Poznan , Poland, June 28-Jule 2, 2010
17. U. Goginava (Plenary talk), Summability of two-dimensional Walsh-Fourier series, First International Conference GMJ, Batumi, September 12-19, 2010
18. U. Goginava, On the convergence of double Fourier series of functions of bounded partial variation, First International Conference GMJ, Batumi, September 12-19, 2010
19. U. Goginava, (H_p,L_p)-type inequalities on Walsh group. Spring School on Analysis-2011, Functions Spaces, Approximation, Inequalities and Lineability, Paseky, Czech Rep., May 29-June 4, 2011.

20. Yuri Farkov, Ushangi Goginava and Tengiz Kopaliani, {Unconditional Convergence of Wavelet Expansion on the Cantor Dyadic Group, Second International Conference GMJ, Batumi, September 15-19, 2011
21. U. Goginava, Almost everywhere summability of Walsh-Fourier series, International Conference Harmonic Analysis and Approximations, V 10 - 17 September, 2011, Tsaghkadzor, Armenia.
22. A. Sahakian and U. Goginava, Partial generalized variation and multivariate Fourier Series. International Conference Harmonic Analysis and Approximations, V 10 - 17 September, 2011, Tsaghkadzor, Armenia.
23. U. Goginava (Plenary talk), On the convergence and summability of double Fourier series of Functions of Bounded Generalized Variation . Theory of Approximation of Functions and its Applications" dedicated to the 70th Anniversary of Corresponding Member of National Academy of Sciences of Ukraine, Professor A.I. Stepanets (1942-2007) May 28 - June 3, 2012, Ukraine.
24. U. Goginava , Summability Theorems for Double Fourier Series, Function spaces X, Poznan, Poland, July 9-14, 2012.
25. U. Goginava (Plenary talk), Strong Approximation of two-dimensional Walsh-Fourier series, International Conference on Mathematical Analysis, Differential Equations and Their Applications September 04-09, 2012, Mersin – TURKEY.
26. U. Goginava, On the summability of quadratical partial sums of double Walsh-Fourier series, International Conference dedicated the 120th anniversary of STEFAN BANACH, Lviv, Ukraine, 17-21 September 2012.
27. U. Goginava, On the Convergence of Multiple Fourier series of Functions of Bounded Partial Generalized Variation, Approximation Theory and Fourier Analysis, Isaac 9th Congress, Krakow 2013, Poland.
28. U. Goginava, Convergence of Logarithmic Means of Multiple Fourier Series, Second International Conference on MATHEMATICS IN ARMENIA: ADVANCES AND PERSPECTIVES , 24-31 AUGUST, 2013, TSAGHKADZOR, ARMENIA.
29. U. Goginava, A. Sahakian, On multiple Fourier series of functions of bounded partial generalized variation, Second International Conference on MATHEMATICS IN ARMENIA: ADVANCES AND PERSPECTIVES , 24-31 AUGUST, 2013, TSAGHKADZOR, ARMENIA.
30. U. Goginava (Plenary talk), Strong convergence of multiple Walsh-Fourier series, Dyadic Analaysis and Application, October 1-2, Nyiregyhaza 2013 (Hungary).
31. U. Goginava (Plenary talk), Logarithmic means of Walsh-Fourier series, Theory of the Walsh system and related areas, October 4, Nyiregyhaza 2013 (Hungary).
32. U. Goginava, Strong summability of quadrat partial sums of double Fourier series, International conference of constructive of functions-2013, Sozopol, June 9-15, 2013.
33. U. Goginava, Strong Convergence of Double Walsh-Fourier Series, International Conference on Fourier Analysis and Approximation Theory dedicated to the 80th birthday of Academician Levan Zhizhiashvili, Bazaleti (Georgia) October 23-28, 2013.
34. U. Goginava, Strong Summability of Multiple Fourier Series, Joint CRM-ISAAC conference on Fourier Analysis ans Approximation Theory, Barcelona, November 4-8, 2013
35. U. Goginava (Plenary talk),, On The Strong Summability of Walsh-Fourier Series, 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 birthday of Professor Peter Simon, Nyiregyhaza, Hungary, June 1-6, 2014

36. U. Goginava, On the convergence and summability of Fourier series, Workshop on Real Analysis, 25-28 September, 2014, Tsaghkadzor, Armenia
37. U. Goginava (Plenary talk), On the Strong Summability of Walsh-Fourier Series, Workshop on Function spaces, Harmonic Analysis and Related Topics on the occasion of the 67th birthday of Professor Viktor Kolyada in Karlstad, Sweden, April 27-30, 2015.
38. U. Goginava (Plenary talk), On the summability of Walsh-Fourier series, Georgian-Hungarian joint workshop on Dyadic Analysis and Related Fields, Nyireguhaza, Hungary, May 30-June 5, 2015
39. U. Goginava, On the Convergence of double Fourier series of Functions of Bounded Partial Generalized Variation, Singular PDF's , Analytical tools and Applications, June 24-27, Male Ciche, Poland, 2015
40. U. Goginava (Plenary talk), On the summability of Fourier series, International conference of Harmonic Analysis and Approximation VI, September 12-18, 2015, Tsaghkadzor, Armenia.
41. U. Goginava, Strong Summability of Double Fourier Series ,The International Conference in Functional Analysis dedicated to the 125th anniversary of Stefan BanachSeptember 18-23, 2017
    Ivan Franko National University of Lviv (Ukraine), Lviv, Ukraine

INVITED LECTURES:

1. 2005., November 22. At the Institute of Mathematics and Computer Science, College of Nyiregyhaza, Hungary entitled: Some problems and results with respect to the one and more dimensional Walsh group.Recently results and open problems.
2. 2005, November 24. At the Institute of Mathematics and Computer Science, College of Nyiregyhaza, Hungary entitled: Maximal operators on the Walsh group and Hardy spaces. Recently results and open problems.
3. 2005, December 6. At the Institute of Mathematics and Computer Science, College of Nyiregyhaza, Hungary entitled: Uniform convergence and summability of Fourier series with respect to the trigonometric system. Recently results and open problems.
4. 2005, December 9. At the Department of Numerical Analysis, Eotvos Lorand University, Budapest, entitled: Maximal operators on the Walsh group and Hardy spaces. Recently results and open problems.
5. 2008., October 17. At the Institute of Mathematics and Computer Science, College of Nyiregyhaza, Hungary entitled: Maximal operators of Fejer means.Recently results and open problems.
6. 2008., October 22. At the Institute of Mathematics and Computer Science, College of Nyiregyhaza, Hungary entitled: Logarithmic means of Walsh-Fourier series.Recently results and open problems.

7. 2008, November 3. At the Department of Numerical Analysis, Eotvos Lorand University, Budapest, entitled: Weak type inequality on Walsh groups. Recently results and open problems.
8. 2008, November 6. At the University of Szeged, Bolyai Institute, entitled: Convergence and Summability of Fourier series. Recently results and open problems. Recently results and open problems.
9. 2010, May 11. At the University of Nis, Sebia, entitled: Poinwise summability of two-dimensional Walsh-Fourier . Recently results and open problems.
10. 2010, May 12. At the University of Nis, Sebia, entitled: On the approximation properties of Fourier series. Recently results and open problems.
11. 2012, June 12-13. At the University of Nis, Sebia, entitled: An introduction on Dyadic Analysis. Lectures for students.
12. 2012, June 13. At the University of Nis, Sebia, entitled: A note on the dyadic derivative. Recently results and open problems.
13. 2012., November 23. At the Institute of Mathematics and Computer Science, College of Nyiregyhaza, Hungary entitled: On the summability of two-dimensional Walsh-Fourier series. Recently results and open problems.
14. 2012., November 26. At the Institute of Mathematics and Computer Science, College of Nyiregyhaza, Hungary entitled: On the convergence of rectangular partial sums of multiple Walsh-Fourier series. Recently results and open problems.
15. 2013, May 08. At the Department of Mathematics, Bilkent University, Turkey, entitled: On the summability of quadratical partial sums of double Walsh-Fourier series.
16. 2013, September 20, At the Institute of Mathematics and Computer Science, College of Nyiregyhaza, Hungary entitled: Strong Convergence of trigonometric Fourier series. Recently results and open problems.
17. 2013, October 7, At the Department of Mathematics, Pecs University, Hungary, entitled: On the Summability of quadratical partial sums of double Walsh-Fourier series. Recently results and open problems.
18. 2013, October 9. At the Department of Numerical Analysis, Eotvos Lorand University, Budapest: On the summability of quadratical and triangular partial sums of double Walsh-Fourier series. Recently results and open problems.
19. 2014,May 14. At the L. N. Gumilyov Eoroasian National University, Astana, Kazakhstan: On the Summability of quadratic and triangular partial sums of double Fourier series. Recently results and open problems.
20. 2014, June 12, At the Institute of Mathematics and Computer Science, College of Nyiregyhaza, Hungary : The convergence and summability of multiple Walsh-Fourier series. Recently results and open problems.
21. 2014, October 5-11, At the Institute of Mathematics of the Academy of Science of the Czech Republic in Prague: On the summability of quadratical and triangular partial sums of double Fourier series.
22. 2014, November 1-8, At the Department of Numerical Analysis, Eotvos Lorand University, Budapest: On the convergence of logarithmic means of multiple Fourier series.
23. 2015, January 13-22, Universitat de Barcelona, Almost Everywhere summability of Walsh-Fourier series

24. 2015, November 16, At the Department of Numerical Analysis, Eotvos Lorand University, Budapest: On the strong summability of Fourier series. . Recently results and open problems.
25. 2015, November 18, At the Department of Mathematics, University of Debrecen: On the strong summability of Walsh-Fourier series. . Recently results and open problems.
26. 2015, November 19, , At the Institute of Mathematics and Computer Science, College of Nyiregyhaza, Hungary : On the strong summability of Logarithmic means of Walsh-Fourier series . Recently results and open problems.
27. 2016, April 5. At the University of Nis, Sebia, entitled: Summability of Walsh-Fourier series. Recently results and open problems
28. 2016, May 23. At the Belarus State University, entitled: On the strong summability of cubic partial sums of multiple Fourier series. Recently results and open problems.
29. 2016, October 19, At the University of Debrecen,On the convergence of Multiple Fourier series of functions of bounded generalized variation. Recently results and open problems
30. 2016, October 28, At the University of Debrecen,On the Strong summability of multiple Fourier series. Recently results and open problems
31. 2017, March 2, At the University of Gottingen, On the Strong summability of multiple Fourier series. Recently results and open problems
32. 2017, June 9, Workshop for phD students in mathematics at the Lulea University of Technology (Sweden), Classes of generalized bounded variation and convergence of multiple Fourier series

Short stays and invited research visits:

- Lulea University of Technology (Sweden), a weeks in 2017
- University of Gottingen, Germany, a week in 2017
- Lulea University of Technology (Sweden), a weeks in 2016
- University of Gottingen, Germany, a week in 2016
- University of Nis, Serbia, a week in 2016
- University of Debrecen, Hungary, for two weeks, 2016
- Belarus State University, a week in 2016
- Lulea University of Technology (Sweden), a weeks in 2015
- Department of Numerical Analysis, Eotvos Lorand University, Budapest, a week in 2015
- Institute of Mathematics Academe of the Science of Czech Republic, a weeks in 2015
- Universitat de Barcelona, 2015, January 13-22.
- L. N. Gumilyov Eoroasian National University, Astana, Kazakhstan, 2014 (three weeks in 2014)
- Institute of Mathematics of the Academy of Science of the Czech Republic in Prague, a week in 2014
- Department of Numerical Analysis, Eotvos Lorand University, Budapest, a week in 2014
- Institue of Mathematics National Academy of Science of Armenia, a week in 2014
- Institute of Mathematics and Computer Science, College of Nyiregyhaza, Hungary 2014 (two weeks in 2014)

- Institute of Mathematics Academe of the Science of Czech Republic, two weeks in 2014
- Lulea University of Technology (Sweden), two weeks in 2014
- Institute of Mathematics Academe of the Science of Czech Republic, a week in 2014
- Department of Numerical Analysis, Eotvos Lorand University, Budapest , in 2013
- Department of Mathematics, Pecs University, Hungary, in 2013
- Institute of Mathematics and Computer Science, College of Nyiregyhaza, Hungary, a month in 2013
- Department of Mathematics, Bilkent University, Turkey, a week in 2013
- the Institute of Mathematics and Computer Science, College of Nyiregyhaza, Hungary, a week in 2012
- University of Nis, Serbia, two weeks in 2012
- University of Nis, Serbia, a week in 2010
- University of Szeged, Bolyai Institute, Hungary, in 2008
- Department of Numerical Analysis, Eotvos Lorand University, Budapest, in 2008
- Institute of Mathematics and Computer Science, College of Nyiregyhaza, Hungary, a month in 2008
- Institute of Mathematics and Computer Science, College of Nyiregyhaza, Hungary, a month in 2005
- Institute of Mathematics and Computer Science, College of Nyiregyhaza, Hungary, a week in 2003

PUBLICATIONS:

1. U. Goginava, Almost everywhere strong summability of cubic partial sums of d-dimensional Walsh-Fourier series. *Math. Inequal. Appl.* **20** (2017), no. 4, 1051--1066.
2. G. Gat and U. Goginava, Norm convergence of double Fourier series on unbounded Vilenkin groups. *Acta Math. Hungar.* **152** (2017), no. 1, 201--216.
3. U. Goginava, K. Nagy, Weak type inequality for the maximal operator of Walsh-Kaczmarz-Marcinkiewicz means. *Acta Math. Sci. Ser. B Engl. Ed.* **36** (2016), no. 2, 359--370.
4. U. Goginava. Almost everywhere strong summability of two-dimensional Walsh-Fourier series. *Acta Math. Acad. Paedagog. Nyházi. (N.S.)* **32** (2016), no. 2, 233--246.
5. U. Goginava, K. Nagy, Strong approximation by Marcinkiewicz means of two-dimensional Walsh-Kaczmarz-Fourier series. *Anal. Math.* **42** (2016), no. 2, 143--157.
6. G. Gat, U. Goginava, Almost Everywhere convergence of dyadic triangular-Fejer means of two-dimensional Walsh-Fourier series, *Math. Inequal. Appl.* **19** (2016), no. 2, 401--415.
7. G. Gat , U. Goginava and G. Karagulyan , On everywhere divergence of the strong Φ-means of Walsh–Fourier series. *J. Math. Anal. Appl.* **421** (2015), no. 1, 206--214.
8. U. Goginava, A. Sahakian, Convergence of Multiple Fourier Series of Functions of Bounded Generalized Variation, *Ukrainian Math. J.* **67** (2015), no. 2, 186--198.

9. G. Gat and U. Goginava , Almost everywhere strong summability of double Walsh-Fourier series, Journal of Contemporary Mathematical Analysis 50, 1 (2015), 1-13.
10. U. Goginava, L. Gogoladze, Convergence in norm of logarithmic means of multiple Fourier series, *Math. Inequal. Appl.* **18** (2015), no. 3, 859--867
11. U. Goginava, K. Nagy, The two-dimensional Fejer means on diagonal Hardy space, *Period. Math. Hungar.* **70** (2015), no. 2, 248--256.
12. L. Baramidze, U. Goginava, Convergence in measure of logarithmic means of double Fourier series. *Semin. I. Vekua Inst. Appl. Math. Rep.* 41 (2015), 3--11, 63.
13. U. Goginava, A. Sahakian, On the Convergence and Summability of double Walsh-Fourier series of functions of bounded generalized variation. Journal of Contemporary Mathematical Analysis November 2014, Volume 49, Issue 6, pp 321-333.
14. G. Gat, U. Goginava, and G. Karagulyan, Almost everywhere strong summability of Marcinkiewicz means of double Walsh-Fourier series.*Anal. Math.* **40** (2014), no. 4, 243--266.
15. G. Gat and U. Goginava, Triangular Fejer Summability of Two-Dimensional Walsh-Fourier series, *Anal. Math.* **40** (2014), no. 2, 83--104.
16. G. Gat, U. Goginava, and G. Karagulyan, A remark on the divergence of strong power means of Walsh-Fourier series, Mathematical Notes November 2014, Volume 96, Issue 5-6, pp 897-903.
17. U. Goginava , L. Gogoladze and G. Karagulyan , The Space BMO and Exponential Almost Everywhere Summability of Two-Dimensional Fourier Series. *Constr. Approx.* **40** (2014), no. 1, 105--120.
18. G. Gat and U. Goginava, Convergence of logarithmic means of Multiple Walsh-Fourier series, *Studia Sci. Math. Hungar.* **51** (2014), no. 1, 50--66.
19. U. Goginava and L. Gogoladze, Convergence in Measure of logarithmic means of multiple Fourier series, Journal of Contemporary Mathematical Analysis , Vol. 49 (2014), No. 2, pp. 70-77.
20. U. Goginava, L. Gogoladze, Convergence in Measure of Strong logarithmic means of double Fourier series, Journal of Contemporary Mathematical Analysis , Vol. 49, No. 3, 2014, pp.39-49.
21. A. Gogatishvili, U. Goginava, G. Tephnadze, Relations Between Some Classes of Functions of Generalized Bounded Variation, Polish Academy of Sciences, Institute of Mathematics. Banach Center Publications , Vol. 102, 2014, pp. 89-98.
22. Ushangi Goginava, Uniform Summability of double Walsh-Fourier series of functions of bounded partial $\Lambda $- variation, *Math. Slovaca* **64** (2014), no. 6, 1451--1474.
23. Ushangi Goginava , Artur Sahakian, Convergence and summability of multiple Fourier series and generalized variation. *Bull. TICMI* **18** (2014), no. 1, 36—54.
24. Ushangi Goginava , Levan Zhizhiashvili: a scientist and a teacher. *Bull. TICMI***18** (2014), no. 1, 1--2.
25. U. Goginava, Cesaro means of negative order of double Fourier series and Generalized Bounded variation, *Siberian Mathematical Journal, Vol. 54, No. 6, pp. 1005–1013, 2013*
26. U. Goginava, Convergence of Logarithmic Means of Quadratical Partial Sums of Double Fourier Series Colloq. Math. 131 (2013), 99-112

27. Ushangi Goginava , Karoly Nagy, Maximal operators of Walsh-Kaczmarz-Logarithmic means, *Complex Variables and Elliptic Equations Volume 58, Issue 9, September 2013, pages 1173-1182.*
28. Ushangi Goginava and Larry Gogoladze, A note on strong summability of two-dimensional Walsh-Fourier series *Period. Math. Hungar.* 66 (2013), no. 2, 211—219.
29. Ushangi Goginava and Artur Sahakian, On the summability of multipleFourier series of functions of bounded partial generalized variation P STEKLOV I MATH , 280 (2013), 150-161.
30. Ushangi Goginava and Karoly Nagy ,Boundedness of the maximal operators of double Walsh-logarithmic means of Marcinkiewicz type, Math. Slovaca 63 (2013), No. 4, 839–848
31. Ushangi Goginava and Artur Sahakian, On the convergence of multiple Fourier series of functions of bounded partial generalized variation, *Anal. Math.* 39 (2013), no. 1, 45--56.
32. Ushangi Goginava and Larry Gogoladze , Strong Summability Theorems for H_{p}\left(\Delta _{d}\right), Acta Mathematica Hungarica Volume 138, Issue 3 (2013), Page 259-266
33. Ushangi Goginava and Artur Sahakian, On the convergence of multiple Walsh-Fourier series of functions of bounded generalized variation, Journal of Contemporary Mathematical Analysis 5, 47 (2012), 221-233.
34. Ushangi Goginava and Karoly Nagy , Convergence in measure of logarithmic means of quadratical partial sums of double Walsh-Kaczmarz-Fourier series, *J. Funct. Spaces Appl.* 2012
35. Ushangi Goginava and Artur Sahakian , Convergence of double Fourier series and generalized Λ-variation, Georgian Math. J. 19, No. 3, 497-509 (2012).
36. Ushangi Goginava, Uniform Convergence of Double Fourier-Legendre series of Functions of Bounded Generalized Variation *Bull. TICMI* 16, 2(2012), 1—20.
37. Ushangi Goginava and Larry Gogoladze, Strong approximation of two-dimensional Walsh-Fourier series, Studia Sci. Math. Hungar. 49, 2(2012), 170-188.
38. Ushangi Goginava and Ferenc Weisz, Pointwise convergence of Marcinkiewicz-Fejér means of two-dimensional Walsh-Fourier series, Studia Sci. Math. Hungar. 49, 2(2012), 236-253.
39. U. Goginava, On the Summability of double Walsh-Fourier series of functions of bounded generalized variation, *Ukraïn. Mat. Zh.64, 4(2012).*
40. Ushangi Goginava and Larry Gogoladze , Strong Convergence of Cubic Partial Sums of Two-Dimensional Walsh-Fourier series, Constructive Theory of Functions, Sozopol 2010: In memory of Borislav Bojanov. Prof. Marin Drinov Academic Publishing House, Sofia, 2012, pp. 108-117.
41. Ushangi Goginava and Larry Gogoladze, Strong approximation by Marcinkiewicz means of two-dimensional Walsh-Fourier series, *Constr Approx* 35, (2012), 1-19.
42. Ushangi Goginava and Karoly Nagy, Marcinkiewicz-Fejer means of double conjugate Walsh-Kaczmarz-Fourier series and Hardy spaces, Turk. J. Math., 36, (2012), 281-290.
43. Ushangi Goginava and Ferenc Weisz, Maximal Operator of Fejer Means of Triangular Partial Sums of Two-Dimensional Walsh-Fourier Series, *Georgian Math. J. 1, 19 (2012), 101-115.*
44. Yuri Farkov, Ushangi Goginava and Tengiz Kopaliani, Unconditional Convergence of Wavelet Expansion on the Cantor Dyadic Group, Jaen J. Approximations, 3, 1(2011).
45. Ushangi Goginava , Norm convergence of Fejér means of two-dimensional Walsh-Fourier series. (English)Nawrocki, Marek (ed.) et al., Marcinkiewicz centenary volume. Warszawa:

Polish Academy of Sciences, Institute of Mathematics. Banach Center Publications 95, 317-324 (2011).

46. Ushangi Goginava and Larry Gogoladze, Pointwise summability of Vilenkin-Fourier series, *Publ. Math. Debrecen,* Vol 79, 1-2 (2011), 89-108.
47. Ushangi Goginava, Weak type inequality for the one-dimensional dyadic derivative, *Math. Inequal. Appl. 14, 4(2011), 839-848.*
48. Ushangi Goginava, The martingale Hardy type inequality for the maximal operator of the one-dimensional dyadic derivative, *Acta Mathematica Scientia,* Issue 4, Vol.31, (2011) 1489-1493.
49. Ushangi Goginava, The martingale Hardy type inequality for the Marcinkiewicz-Fejer means of the two-dimensional conjugate Walsh-Fourier series, *Acta Math. Sin. (Engl. Ser.) 27, 10(2011), 1949-1958.*
50. Ushangi Goginava and Karoly Nagy , On the maximal operator of Walsh-Kaczmarz-Fejer means, *Czechoslovak Mathematical Journal, 62, 3(2011), 673-686.*
51. Ushangi Goginava, Artur Sahakian, On the convergence of Ces\`{a}ro means of negative order of double trigonometric Fourier series of functions of bounded partial generalized variation, Acta. Sci. Math. (Szeged) 77 (2011), 451-471.
52. U. Goginava, The weak type inequality for the two-dimensional diagonal Sunouchi operator on Hardy space. Georgian Math. J. 18 (2011), no. 1, 67-81.
53. Ushangi Goginava, A note on the Walsh-Fejer means, . *Anal. Theory Appl.* 26,4(2010), 320-325.
54. Ushangi Goginava, Maximal operators of Fejer means of Walsh-Fourier series. *Ann. Univ. Sci. Budapest. Sect. Comput.* 33 (2010).
55. U. Goginava, K. Nagy, On the maximal operator of (C,a)- means of Walsh-Kaczmarz-Fourier series. *Ukraïn. Mat. Zh. 2, 62 (2010), 158-166.*
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