



CV

1. Personal Information

Surname	Chilachava
Name	Temur
Mail :	t.chilachava@seu.edu.ge

2. Position and specialty

Position:	<input checked="" type="checkbox"/> Invited Lecturer
Specialty	Mathematics

3. Academic/Scientific decree

Name of the higher education institution	M. V. Lomonosov Moscow State University, mechanical-mathematical faculty
Direction/ Specialty	Mathematics/mathematics
Enrollment date	1975
Dissertation defense date	1984
Qualification	<i>PHD of Mathematical and Physical Sciences, Diploma FM № 022460, 1985, 3 April, Moscow</i>
Title of the dissertation topic	Inequalities and estimates of shock wave motion. Explosion of a rotating gravitating body
Conductor of the theme	Academician Leonid Sedov
Dissertation defense date	1998
Qualification	<i>Doctor of Mathematical and Physical Sciences, Diploma № 000786, "Mathematical modeling, numerical methods, complexes of programs", 05.13.18, 1999, February, Tbilisi</i>
Title of the dissertation topic	Mathematical modelling in the astrophysic and acoustic problems
Qualification	<i>Professor of mathematical physics (01.01.03), the certificate № 0000207, 2000, on March 20, (Tbilisi, TSU)</i>

4. Professional experience

Date (mm/yy)		Employer	Position / duties
-from	-to		
20.12.1993	25.04.2005	Sokhumi branch of the Tbilisi State University of Ivane Javakhishvili	Vice-rector
01.09.1991	to the present	Sokhumi State University	Professor, head of the department of applied mathematics

5. Scientific-pedagogical experience

Date (mm/yy)		Higher Education Institutions	Study course / Research project	Learning step
-from	-to			
1984	to the present	Sokhumi State University	Bases of mathematical modeling; Mathematical modeling of military operations; Mathematical Models in Economics; Mathematical modeling of social-political processes; Mathematical models of management and elections; Technologies of mathematical and computer modeling; Mathematical Physics; Optimization methods	Undergraduate, Master's, Doctoral
2000	2006	Tbilisi State University of Ivane Javakhishvili	Nonlinear mathematical models	Master's
2007	2011	Ilya Chavchavadze State University	Calculus 1, Calculus 2, Mathematical Models in Economics	Undergraduate, Master's
2009	2018	<i>St. Andrew the first-called Georgian University of the Patriarchate of Georgia</i>	Bases of mathematical modeling; Optimization methods; Operations Research; Mathematical Models in Economics	Undergraduate, Master's

6. Scientific publications

Date	Topic of the working theme	Scientific Journal	Publisher
21.10.2020	Research of four-dimensional dynamic systems describing processes of three'level assimilation.	Differential and Difference Equations with Applications.	Springer, Nature Switzerland
04.08.2020	Mathematical and Computer Models of Settlements of Political Conflicts and Problems of Optimization of Resources	<i>International Journal of Modeling and Optimization</i>	Romania
16.12.2020	Mathematical model of secession of the region	Problems of management of safety of difficult systems. The XXVIII International Conference, Proceedings	Moscow, Russia
31.11.2020	Integrated Models of Non-Permanent Information Warfare	International Journal on Advanced Science, Engineering, Information and Technology (IJASEIT).	INDONESIA
16.11.2020	Mathematical and computer modelling of political conflicts in the case of variable coefficients	Reports of Enlarged Sessions of the Seminar of I. Vekua Institute of Applied Mathematics	TSU
28.08.2020	Research of a three-dimensional nonlinear dynamic system describing the process of two-level assimilation	4 open	Greece
30.11.2020	The mathematical model of the survival of small nations.	Tskhum-Abkhazian Academy of Sciences, Proceedings, vol. XIX - XX	Tbilisi
10.01.2019	Research Of The Dynamic System Describing Globalization Process	Springer Proceedings in Mathematics & Statistics, Mathematics, Informatics, and their Applications in Natural Sciences and Engineering	Springer, Nature Switzerland
15.02.2019	Research of the nonlinear dynamic systems describing mathematical models of	8 th International Conference on Applied Analysis and	Turkey

	settlement of the conflicts by means of economic cooperation	Mathematical Modeling, ICAAMM 2019, Proceedings Book	
18.12.2019	Mathematical and computer modeling of political conflict resolution.	Problems of management of safety of difficult systems. The XXVII International Conference, Proceedings	Moscow, Russia
15.10.2019	About the exact solution of the rotating gravitating gas ellipsoid of Jacobi	Tskhum-Abkhazian Academy of Sciences, Proceedings, , vol. XVII-XVIII	Tbilisi
15.10.2019	Research of the dynamic systems describing mathematical models of resolution of the conflicts by means of economic cooperation	Tskhum-Abkhazian Academy of Sciences, Proceedings, , vol. XVII-XVIII	Tbilisi
15.10.2019	Research of the dynamic systems describing mathematical models of resolution of conflict by means of economic cooperation at bilateral or unilateral counteraction.	Tskhum-Abkhazian Academy of Sciences, Proceedings, , vol. XVII-XVIII	Tbilisi
11.11.2019	About the exact solutions of the rotating three-axis gas ellipsoid of Jacobi which is in own gravitational field	Reports of Enlarged Session of the Seminar of I. Vekua Institute of Applied Mathematics, v. 33	Tbilisi
11.11.2019	Research of the dynamic systems describing mathematical models of resolution of conflict.	Reports of Enlarged Session of the Seminar of I. Vekua Institute of Applied Mathematics, v. 33	Tbilisi
11.09.2018	Mathematical models in economics	Electronic book	Tbilisi, SSU
05.05.2018	Mathematical and computer modeling of political elections.	Of the eleventh International Scientific-Practical Conference Internet-Education Science-2018, Proceedings	Ukraine

12.12.2018	Research of the dynamic system describing mathematical model of settlement of the conflict by means of economic cooperation	Georgian Electronic Scientific Journal: Computer Science and Telecommunications, 3 (55),	Tbilisi
12.12.2018	Mathematical and computer modeling of elections with constant demographic factor	Georgian Electronic Scientific Journal: Computer Science and Telecommunications, 3 (55),	Tbilisi
19.12.2018	About a possibility of resolution of conflict by means of economic cooperation	Problems of management of safety of difficult systems. The XXVI International Conference, Proceedings	Moscow
10.10.2018	Mathematical and computer modeling of elections	Tskhum-Abkhazian Academy of Sciences, Proceedings, v. XV-XVI	Tbilisi
05.05.2017	Nonlinear mathematical model of interference of fundamental and applied researches of scientifically-research institute	. Georgian Electronic Scientific Journal: Computer Science and Telecommunications, № 1(51),	Tbilisi
15.12.2017	Mathematical Model of Transformation of Two-party Elections to Three-party Elections	Georgian Electronic Scientific Journal: Computer Science and Telecommunications, № 2(52),	Tbilisi
10.10.2017	Nonlinear Mathematical Model of Interference of Fundamental and Applied Researches	International Journal of Systems Science and Applied Mathematics , № 2(6),	USA
09.09.2017	Research of the dynamic systems describing mathematical models of training of the diplomaed scientists	Seminar of I.Vekua Institute of Applied Mathematics, Reports, vol. 43	Tbilisi
20.12.2017	Mathematical model of linguistic globalization	Problems of security management of difficult systems. Works XXV of the International conference, Proceedings	Moscow
11.11.2017	About some first integrals of nonlinear system of the differential equations describing process of two-	Tskhum-Abkhazian Academy of Sciences, Proceedings, vol. XIII-XIV,	Tbilisi

	level assimilation		
10.10.2017	About some exact solutions of nonlinear systems of the differential equations describing interference of fundamental and applied researches	Tskhum-Abkhazian Academy of Sciences, Proceedings, vol. XIII-XIV	Tbilisi
08.06.2017	Research of three and two dimensional nonlinear dynamical systems describing the training of scientists	Applied Mathematics, Informatics and Mechanics, Vol. 22, No.1	Tbilisi
08.07.2016	Mathematical and computer modeling of three-party elections	Georgian Electronic Scientific Journal: Computer Sciences and Telecommunications, № 2 (48)	Tbilisi
08.07.2016	Mathematical modeling of nonlinear processes of two-level assimilation.	Georgian Electronic Scientific Journal: Computer Sciences and Telecommunications, № 2 (48)	Tbilisi
20.12.2016	Nonlinear mathematical model of interaction of fundamental and applied researches.	Problems of security management of difficult systems. Works XXIV of the International conference	Moscow
23.10.2016	About some exact solutions of nonlinear system of the differential equations describing three-party elections	Applied Mathematics, Informatics and Mechanics, vol. 2, № 1,	Tbilisi
03.04.2016	Mathematical physics in problems and solutions. First part	Electronic book	Tbilisi, SSU
06.05.2016	Bases of mathematical modeling. Task Collection	Electronic book	Tbilisi, SSU

7. Other activities

N	The Name and Description of the Activity
1.	International Conference continuum mechanics and related problems of analysis. Tbilisi, 2011. Continuous nonlinear mathematical model of information warfare.
2.	Informational and Communication Technologies – Theory and Practice: Proceedings of the International Scientific Conference. Tbilisi, 2011. Optimizing Problem of Mathematical Model of Preventive Information Warfare.
3.	Georgian mathematical union. II international Conference. Batumi, 2011. General continuous linear mathematical model of information warfare
4.	Problems of security management of complex systems. The XIX International Conference, Moscow, 2011. Nonlinear mathematical model of information warfare.
5.	III International Conference of the Georgian mathematical union. Batumi, 2012. About new mathematical model „Beast – predator – victim”.
6.	Problems of management of safety of difficult systems. The XX International Conference, Moscow, 2012. Nonlinear mathematical model of dynamics of voters pro-governmental and oppositional parties.
7.	The international scientific conference “Problems of regional and municipal government”. Moscow, 2012. Nonlinear mathematical model of variable administrative management.
8.	The international scientific conference .Basic paradigms in science and technology. Development for the 21 century. Tbilisi, 2012. Nonlinear mathematical model of dynamics of voters of pro-government and oppositional parties (two selective subjects).
9.	IV International Conference of the Georgian mathematical union. Batumi, 2013. 9.1 Nonlinear mathematical model of dynamics of voters three electoral subjects. 9.2 Two-party nonlinear mathematical model of elections taking account falsification.
10.	Problems of management of safety of difficult systems. The XXI International Conference, Moscow, 2013. 10.1 Nonlinear three-party mathematical model of elections. 10.2 Nonlinear mathematical model of two-party elections in the presence of election fraud.
11.	V Annual International Conference of the Georgian mathematical union. Batumi, 2014. 11.1 Nonlinear mathematical and computer model of information warfare with participation of authoritative interstate institutes.

	<p>11.2 Nonlinear discrete mathematical and computer model of information warfare "an aggressor – the victim" with participation of interstate authoritative organizations.</p> <p>11.3 Continuous mathematical models of information warfare with participation of authoritative international and interstate institutes.</p>
12.	<p>Caucasian Mathematics Conference CMC I. Tbilisi, 2014.</p> <p>Nonlinear mathematical model of bilateral assimilation taking into account demographic factor.</p>
13.	<p>Problems of management of safety of difficult systems. The XXII International Conference, Moscow, 2014.</p> <p>13.1 Linear continuous mathematical model of information warfare with participation of authoritative religious institutes.</p> <p>13.2 Linear discrete mathematical model of information warfare with participation of authoritative public organizations.</p>
14.	<p>VI International Conference of the Georgian mathematical union. Batumi, 2015.</p> <p>14.1 Nonlinear mathematical model of the two-level assimilation.</p> <p>14.2 Nonlinear mathematical model of two-party elections in case of linear functions of coefficients.</p> <p>14.3 Nonlinear mathematical model of elections with variable coefficients of model.</p> <p>14.4 Nonlinear mathematical model of bilateral assimilation with zero demographic factor of the assimilating sides.</p>
15.	<p>Problems of management of safety of difficult systems. The XXIII International Conference, Moscow, 2015.</p> <p>Mathematical and computer simulation of processes of elections with two selective subjects and float factors of model.</p>
16.	<p>VII International Conference of the Georgian mathematical union. Batumi, 2016.</p> <p>16.1 About some decisions of nonlinear system of the differential equations describing process of two-level assimilation.</p> <p>16.2 Three party nonlinear mathematical model of elections.</p> <p>16.3 Nonlinear mathematical model of dynamics of processes of cooperation interaction in innovative system.</p>
17.	<p>Problems of management of safety of difficult systems. The XXIV International Conference, Moscow, 2016.</p> <p>Nonlinear mathematical model of interaction of fundamental and applied researches.</p>
18.	<p>VIII International Conference of the Georgian mathematical union. Batumi, 2017.</p> <p>18.1 Mathematical Model of Information Warfare with System of Linear Partial Differential Equations.</p> <p>18.2 Nonlinear Mathematical Model of Transformation of Two-Party Elections to Three-Party Elections.</p> <p>18.3 Mathematical Model of Interference of Fundamental and Applied Researches.</p>

	18.4 Nonlinear Two or Three-Stage Mathematical Model of Training of Scientists
19.	The third International Conference on “Applications of Mathematics and Informatics in Natural Sciences and Engineering”. Tbilisi, 2017. Investigation of a nonlinear dynamical system describing the process of linguistic globalization.
20.	Problems of management of safety of difficult systems. The XXV International Conference, Moscow, 2017. Mathematical model of linguistic globalization
21.	ICPAS 2017 4th International Conference on Pure and Applied Sciences: Renewable Energies, Turkey, Istanbul, 2017. Convergence analysis for finite difference scheme of one nonlinear integro-differential model with source term.
22.	IX International Conference of the Georgian mathematical union. Batumi, 2018. 22.1 Mathematical Model of Economic Cooperation Between the Two Opposing Sides. 22.2 Mathematical Model of Competition Between Two Universities. 22.3 Predicting the results of political elections with the help of mathematical and computer modeling. 22.4 Nonlinear mathematical model of process of three-level assimilation.
23.	Problems of management of safety of difficult systems. The XXVI International Conference, Moscow, 2018. About a possibility of resolution of conflict by means of economic cooperation
24.	International Conference on Applied Analysis and Mathematical Modeling, ICAAMM19, Istanbul, Turkey, 2019, 10 – 13 March. Research of the nonlinear dynamic systems describing mathematical models of settlement of the conflicts by means of economic cooperation.
25.	XXXIII International Enlarged Sessions of the Seminar of Ilia Vekua Institute of Applied Mathematics, Tbilisi, 23 - 25 April, 2019. 25.1. About the exact solution of the rotating three-axis gas ellipsoid which is in own gravitational field 25.2 Mathematical models of resolution of conflict by means of economic cooperation at bilateral or unilateral counteraction of government institutions
26.	International Conference on Differential & Difference Equations and Applications, ICDDEA 2019, Portugal, Lisbon, July 1 - 5, 2019. Research of the four-dimensional dynamic systems describing processes of three-level assimilation.
27.	X International Conference of the Georgian mathematical union. Batumi, 2019. 27.1 Nonlinear mathematical model of the competition between two universities considering process of mobility of students 27.2 problems of minimization in mathematical models of resolution of conflicts
28.	The four International Conference on “Applications of Mathematics and Informatics in

	Natural Sciences and Engineering”. Tbilisi, 2019. Conflict Resolution Models and Resource Minimization Problems
29.	Problems of management of safety of difficult systems. The XXVII International Conference, Moscow, 2019. Mathematical and computer modeling of political conflict resolution.
30.	The 8th International Conference on System Modeling and Optimization, Barcelona, Spain / February 12 - 15, 2020 Mathematical and Computer Models of Settlements of Political Conflicts and Problems of Optimization of Resources
31.	XXXIV International Enlarged Sessions of the Seminar of Ilia Vekua Institute of Applied Mathematics, Tbilisi, 16 - 18 September, 2020. Mathematical and computer modeling of political conflicts in the case of variable coefficients.
32.	Problems of management of safety of difficult systems. The XXVIII International Conference, Moscow, 2020. Mathematical model of secession of the region.
33.	Member of Academy of Natural Sciences of Georgia (diploma № 062, 2008, direction of mathematics and mechanics).
34.	Member of Academy of Educational Sciences of Georgia (diploma, 2008).
35.	The expert in the field of mathematics of National Academy of Sciences of Georgia (diploma, 2017).
36.	Vice-president of Academy of Sciences of Tskhum - Abkhazia (2015 - to date)
37.	Research supervisor of 8 doctoral dissertations
38.	2007 - 2017 the research supervisor of 20 master's theses, 14 - at the Sokhumi state university, 3 – at the state university of Ilya Chavchavadze, 3 - at the Georgian university, at the Sokhumi state university head several tens bachelor's works
39.	Board member of the Union of mathematicians of Georgia, member of program committee
40.	In 1975 on a gold medal i have graduated from the Tbilisi physical and mathematical school of V.M. Komarov.
41.	Member of an editorial board of the « American journal of applied mathematics ; Member of an editorial boards of journals, “Seminar of I.Vekua Institute of Applied Mathematics”, “ Reports of Enlarged Session of the Seminar of I. Vekua Institute of Applied Mathematics ”, “ Georgian Electronic Scientific Journal: Computer Science and Telecommunications ”; Editor of proceedings of Academy of Sciences of Tskhum-Abkhazia, series of exact and natural sciences
42.	From 1983 to the present, he has published 140 scientific papers
43.	The author more than 70 newspaper, journal and electronic articles on educational, social and public problems