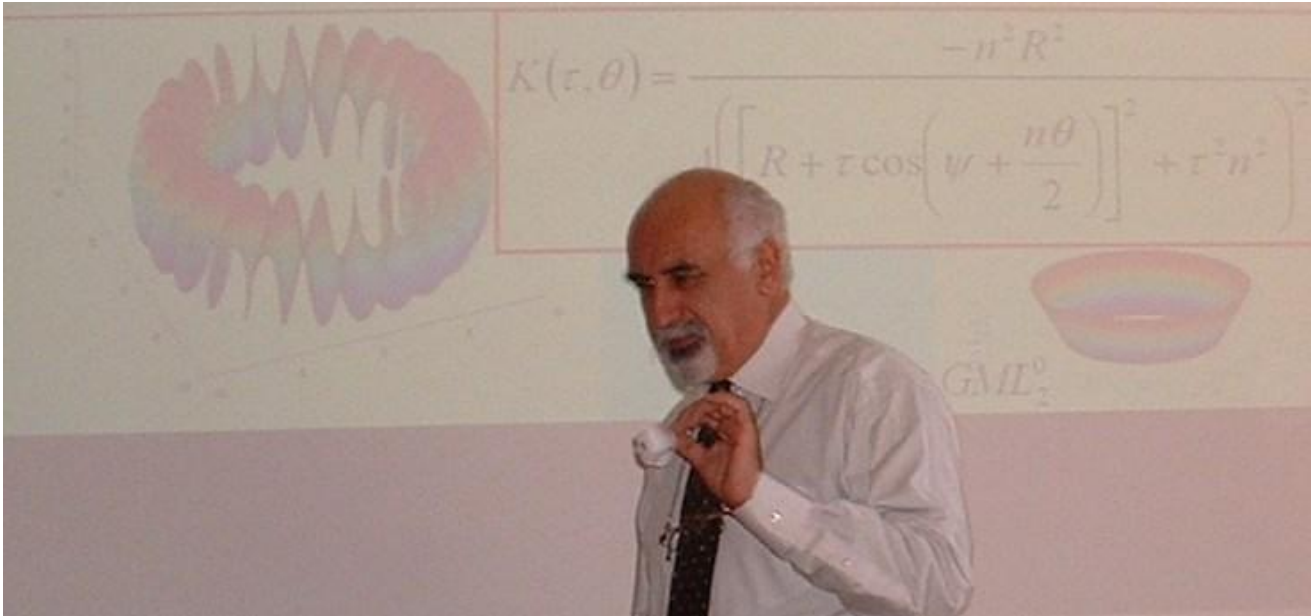


CURRICULUM VITAE

NAME

Tavkhelidze Ilia



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PERSONAL DATA

Birth date : February 06. 1955
Birthplace: Tbilisi, Georgia
Nationality: Georgian

EDUCATION AND SCIENTIFIC DEGREES

1971 – 1976	Student of Moscow State University, Faculty of Mechanics and Mathematics
1976	Diploma in Mathematics (with honor), Moscow State University
1977 – 1979	Post-graduate student of Moscow State University
1979	“Kandidat of sciences” in Physical and Mathematical sciences of Moscow State University
2004	“Doctor of sciences” in Physical and Mathematical sciences

LANGUAGES

Russian (good), French, English (satisfactory)

POSITIONS HELD AND ACADEMIC EXPERIANCE

1980-1988	Researcher of A. Razmadze Math. Institute
1988-2005	Deputy director of I. Vekua Institute of Applied Mathematics
1980-2006	Lector (Full Prof.) of Iv. Jvakhishvili Tbilisi State University
1997-2007	Lector (Full Prof.) of Sukhumi branch of Tbilisi State University
1997- 2005	Head of Department of Mathematical Physics of I.Vekua Institute of Applied Mathematics
1998- 2005	Head of Scientific Network of Iv.Jvakhishvili Tbilisi State University
1998- 2006	Researcher of N.Muskhelishvili Institute of Comp. Math. of the Georgian Academy of Sciences
2005 02. – 2005 06.	Coordinator of I.Jvakhishvili Tbilisi State University
2005 06. – 2006. 10.	Vice Dean of Faculty of Exact and Natural Sciences of Iv.Jvakhishvili Tbilisi State University
2006 08. - up to now	Associated professor of Faculty of Natural Sciences of Iv.Jvakhishvili Tbilisi State University

RESEARCH INTERESTS

Partial differential equations (Qualitative theory of high order differential equations, asymptotic behavior of solutions, a priori estimate of Saint-Venant's type and its applications, operational methods of solutions), Analytic representation of geometric figures and trajectories, Ribbon Knots and Links theory.

PRIZES AND AWARDS

- **1984 - I.Vekua Prize of the Georgian Academy of Sciences;**
- **2009 – Nikolai N. Bogoliubov's memorial medal of Ukrainian Mathematical Congress**

FELLOWSHIPS AND GRANTS

1983-1984 - **Guest of Moscow State University** – (Joint Scientific researches with Prof. O. Oleinik) – Fellowship Georgian Academy of Sciences of Georgia;

1993 - **Guest of "Royal Society"** - (London, "Sir J. Kelly Institute of applied mechanics", of Westminster University, London, Joint Scientific researches with Prof. L. Xantis - 2.II.- 2.III.1993) - Fellowship of "Royal Society";

1995 - **Guest of „IWR“** - (Interdisziplinäres Zentrum für Wissenschaftliches Rechnen der Universität Heidelberg, Prof. Willy Jäger) - 20-30. V.1995, Fellowship of Tbilisi State University;

1996 - **Chairman of project - INT/32/1996** - Fellowship of Developments OSGF ("Open Society Georgia Foundation");

1997 - **Chairman of project - INT/08/1997** - Fellowship of Developments OSGF;

1998 – Grant №1.38 of Academy of Sciences of Georgia;

1998 – 2000 - **Scientific Grant** of Ministry of Sciences and Technology of Georgia (Chairman of project Prof. T. Tadumadze);

1998 - **Guest of** - “**Università degli Studi di Roma “La Sapienza”**”, Dipartimento Matematica Istituto “Guido Castelnuovo”- Joint Scientific researches with prof. P.E. Ricci”) - Grant Ateneo - Roma “La Sapienza”, (Italy);

1999 – **Grant №1.47** of Academy of Sciences of Georgia (1 award of conference SofTEC – 99 (Tbilisi) - with N. Amaglobeli, B. Chiladze, D. Garibashvili , L. Kiknadze and T. Pitskhelauri);

2000-2001– **Grant N 1.35** of Academy of Sciences of Georgia ;

2001 - **Guest of** - “**Università degli Studi di Roma “La Sapienza”**”, Dipartimento Matematica Istituto “Guido Castelnuovo”- Joint Scientific researches with Prof. P.E. Ricci”) - Grant G.N.I.M. - C.N.R., (Italy);

2001-2003 – **Grant # 1.34.02** of Academy of Sciences of Georgia;

2004 - **Guest of** “**Università degli Studi di Roma “LA SAPIENZA”**”, Dipartimento di Matematica Istituto “Guido Castelnuovo”- Joint Scientific researches with Prof. P.E. Ricci and C.Cassisa”) - Grant Ateneo - Roma “La Sapienza”, (Italy).

2004-2005 – **Grant # 1.34.04** of academy of Sciences of Georgia ;

2005 - **Guest of** “**Università degli Studi di Roma “LA SAPIENZA”**”, Dipartimento di Matematica Istituto “Guido Castelnuovo”- prof. P.E. Ricci”) - Grant Ateneo - Roma “La Sapienza”, (Italy).

2005 – Chairman of project N 1.01.77 – Ministry of Sciences and Education of Georgia;

2007(1.XI)-2008 (1.XI) – **Collaborator** (“Collaborazione Coordinata e Continuativa” – Università Roma 1, “La Sapienza”) – project with Prof. P.E.Ricci: “Metodi operatoriali, funzioni speciali multidimensionali e applicazioni alla soluzione di problemi al contro per equazioni alle derivate parziali

2009 (01.II – 01. XII) – **project of Georgian National Sciences foundation**: “Original lectures for popularization of mathematical education for students and teachers of primary and high schools in the different regions of Georgia”.

2010 (01.IV – 01. XII) – **project of Georgian National Sciences foundation**: “Original lectures for popularization of mathematical education for students and teachers of primary and high schools in the different regions of Georgia”.

EDITORIAL ACTIVITIES

1988- 2008 (up to now member of editorial council) vice-chairman editor of the journal “[Seminar](#) of I. Vekua Institute of Applied Mathematics” (Reports published since 1969) , ISSN 1512-0058;

1988- 2008 editor of journal “[Proceedings](#) of I. Vekua Institute of Applied Mathematics” (published since 1969) ISSN 1512-004X ;

1888 – 2008 Member of Editorial Board and technical editor of “[Reports](#) of enlarged session of the seminar of I. Vekua Institute of Applied Mathematics” (published since 1985), ISSN 1512-0066.

SUPERVISION OF POST-GRADUATE STUDENTS

1981 – 1984 - Supervisor of Ph. D. student G. Bakradze - at Tbilisi State University;

2002-up to now - Supervisor of Ph. D. student T.Kupreishvili - at Tbilisi State University;

2000-2001 - Supervisor of “World Federations Students” – I. Khokhiashvili;

2002-2003 - Supervisor of “World Federations Students” – G. Lomidze;

- 1983 - 1 award for supervisors in Moscow State University for the students scientific works A. Tkeshelashvili;
- 1983 - 1 award for supervisors in Moscow State University for the students scientific works G. Bakradze ;
- 1999 - 2 award of SOFT – 99 (Tbilisi) – with I. Khokhiashvili;
- 2003 - 3 award for supervisors of OSGF for the students scientific works (T. Kupreishvili).

Scientific articles

N	TITLE	journal	pages
1.	Liouville's theorems for second order elliptic and parabolic equations.(Russian)	Vestnik MSU (Moscow state university). 1976. N 4.	28-35
2.	On behavior of solutions of elliptic and parabolic equations in unbounded domains. (Russian)	Proceeding of URSS conference in partial differential equations (dedicated to I. Petrovski) 1976	459-460
3.	Bounds for the solutions of a biharmonic equation in the neighborhood of non-regular boundary points and at infinity. (with O. Oleinik and G. Yosif'an)	Russian Math.Surveys 33:3 (1978)	169-170
4.	On the solutions of polyharmonic equations with Dirichlet boundary conditions	Soviet math. dokladi 1979 v.20,N 4, trans. Keller	709-713
5.	On solutions of equations of plane elasticity theory of non -homogeneous bodies. (Russian)	Uspehi. Mat. Nauk 1979. v. 34. N. 4 (208)	150-151
6.	On the Asymptotic behavior of solutions of a poliharmonic equation in a neighborhood of non-regular boundary points and at infinity.	Russian Math. Surveys 34:5 (1979)	251-252
7.	Saint-Venant's principle and asymptotic of solutions of high order elliptic equations. (Russian)	Moscow State University.	0-15
8.	On the behavior of solutions of the equations of plane elasticity the neighborhood of irregular points and at infinity. (with O. Oleinik and G. Yosif'an)	Amer. Math. Soc. Transl. 1985, (2), v. 126, (trans. R. Schmidt)	45-60
9.	Asymptotic behavior of solutions of biharmonic equations in the neighborhood of irregular points of boundary and at infinity. (with O. Oleinik and G. Yosif'an) (Russian)	Proceeding of Moscow Mathematical Society 1981 v.42	160-175
10.	Asymptotic behavior of solutions of Poliharmonic equations (Russian)	Abstracts – workshop “General Mechanics & Theory of Elasticity” Telavi, 30.IX.-5.X. 1981	83
11.	Analogue of St-Venant’s principle for a polyharmonic equation and application of it.	Math. USSR Sbornik 1983, v.46 N 2. (trans. H.H. McFaden).	237-253
12.	Estimates of derivatives of solutions of	Proceeding of Tbilisi State Univer.	233-254

- polyharmonic equations in the neighborhood of irregular points of boundary and at infinity. (Russian)
13. Natural boundary conditions for polyharmonic equations on the plane. (Russian)
14. Energetic Estimates St-Venant's type for Solutions of High Order Elliptic Equations
15. Analogous of Saint-Venant's principle for plane non-homogeneous bounded and unbounded bodies. (Russian)
16. Differential Equations of Mathematical Physics and Hydromechanics (with Gvazava J., Obolashvili E., and Tsitskishvili A.) (Russian)
17. On the behavior of solutions of elliptic equations in the unbounded domains. (Russian)
18. The Green's functions from polyharmonic equations in the half-space.
19. Some properties of solutions of the first boundary value problem of polyharmonic equation in unbounded domains. (Russian).
20. The uniqueness theorems of Riquie's problem of polyharmonic equations in the half-space. (Russian).
21. On some properties of solutions of the polyharmonic equations.
22. Some properties of solutions of biharmonic equations in the half-space. (Russian)
23. The asymptotic behavior of some problems of the bi- harmonic equation in the half-space and uniqueness theorems.
24. On the Behavior of Solutions of the One Class Elliptic Equations
25. Allgemeine Übersicht uber die wissenschaftlichen Arbeiten an I.Vekua-Institute fur Angewandte Mathematik der Universitat Tbilisi
- Math.-Mech.-Astron..
1982. v. 13-14, (232-233).
- Partial Differential equations and its applications. Tbilisi, 1982.
- Abstracts – Symposium in Partial Differential Equations and its applications – Tbilisi, 21-23. IV.1982
- Proceeding of Tbilisi State Univer. - Math.-Mech.-Astron. 1985, 19-20 (259).
- A. Razmadze Institute of Mathematics
1985
- Reports of the enlarged session seminar of I.Vekua IAM 1986, v. 2, N. 1.
- Uspehi. Mat. Nauk
1989, v. 44, 4 (268).
- Reports of the enlarged session seminar of I. Vekua IAM 1986., v. 4, N 1.
- Reports of the enlarged session seminar of I. Vekua IAM 1986ã., v.6, N 1.
- Abstracts, continuum mechanics and related problems of analysis
Symposium dedicated to the centenary of N.Muskhelishvili, Tbilisi, 1991.
- Bulletin of the Academy of Sciences of Georgia, 1992, 145, N 3.
- Proceedings of I. Vekua institute of applied mathematics Tbilisi state university , 1992, v. 47.
- Reports of the enlarged session seminar of I. Vekua IAM
1995, v. 10, N 1.
- Seminar in IWR , Heidelberg ,
04.06.1995
- 227-234
- 18
- 275-294
- 72-83
- 58-61
- pp.215
- 108-111
- 69-71
- p. 118
- 481-484
- 156-165
- pp. 61-65

26.	Some properties of solutions the Dirichlet boundary value problem for Poisson equation in the infinity	Differential equations and Math. Physics. (abstracts intern. symposium dedicated 90-th an. acad. I.Vekua, 1997 Tbilisi	p.95
27.	Asymptotic of solution of Dirichlet boundary value problem for polyharmonic equation in the polyhedral “canonical” angles.	Reports of the enlarged session seminar of I. Vekua IAM 1997, v. 12, N 1.	30-32
28.	Asymptotic of solution of Dirichlet boundary value problem for one 4-th order elliptic equation in the polyhedral “canonical” angles (in Georgian)	Sukhumi Branch of Iv. Javakhishvili state University, Report in conference dedicated 90-th an. acad. I.Vekua , 1997 Tbilisi	6
29.	About development of a computer network of Tbilisi State University (with Gogichashvili V., Korkotashvili L., Khokhiashvili I., Tsiskaridze A.)	Reports of the enlarged session seminar of I. Vekua IAM 1998, v. 13, N 4.	38-41
30.	Some properties of solutions the Dirichlet boundary value problem for some high order elliptic equations in the infinity	Reports of the seminar of I. Vekua IAM 1998, v. 24.	31-45
31.	On the behavior of solutions of the one special type 4-th order elliptic equation in the neighborhood of irregular boundary points (with C. Cassisa and P.E. Ricci)	Applied Mathematics and Informatics V.4. N2, 1999, Tbilisi	11-29
32.	Computer network of Tbilisi State University: Ideology, creation, resources. (with Gogichashvili V., Korkotashvili L., Khokhiashvili I., Tsiskaridze A.)	“SofTEC’ 99” - Scientific – technical conference – exhibition, 22-23 06. 1999, Tbilisi	22
33.	On the behavior of solutions of one special type 4-th order elliptic equation in the neighborhood of irregular boundary points.	Reports of Enlarged Sessions of the seminar of I. Vekua Institute of Applied Mathematics v. 14, N1, 1999	58-61
34.	Some property of one class of geometrical figures	Bulletin of TICMI v.4, 2000,	51-55
35.	On the Some Properties of One Class of Geometrical Figures and Lines	Reports of Enlarged Sessions of the seminar of I. Vekua Institute of Applied Mathematics v.16, N1, 2001	35-38
36.	Some remarks on a class of geometric figures	Bulletin of TICMI v.6, 2002	41-45
37.	The investigation of climate cooling with the account of regional and anthropogenic factors in the western Georgia. (with Davitashvili T., and Khantadze A.)	Reports of Enlarged Sessions of the seminar of I. Vekua Institute of Applied Mathematics v. 17, N3, 2002	30 - 37
38.	An Operatorial Approach to Solutions of Boundary Value Problems in the Half-Plane (with C. Cassisa and P.E. Ricci)	Journal of Concrete and Applied Mathematics V.1 (2003)	37-62
39.	Operational Identities for circular and	Georgian Mathematical Journal	45-56

Hyperbolic Functions and their Generalizations
(with C. Cassisa and P.E. Ricci)

v. 10 (2003), N 1

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|-----|--|--|----------|
| 40. | Numerical modeling of air pollution on regional and local scales (with T. Davitashvili, A. Ebel, H. Elbern, D. Gordeziani, H.J. Jakobs, M. Memmesheimer) | Abstracts – of Sixth ISTC Scientific Advisory Committee Seminar, (Science and Computing) Moscow, Russia, IX.15-17, 2003
http://www.istc.ru/istc/db/sem.nsf/wu/S031000 | 24-25 |
| 41. | About geometrical structure of coefficients of one ordinary differential equation which defined the a priori energetic estimate Sent-Venant's type | Reports of Enlarged Sessions of the seminar of I. Vekua Institute of Applied Mathematics v.18, N1, 2003 | 48-51 |
| 42. | Some Properties of a class of geometrical bodies, surfaces and lines (in Russian) | Proceedings of Odar Urdu University, Baku, Azerbaijan 2003 | 60-65 |
| 43. | On the analytic representation of one class of geometric figures, surfaces and lines | Reports of I. Vekua Institute of Applied Mathematics v. 29, 2003 | 26-32 |
| 44. | An Operatorial Approach to Solutions of Boundary Value Problems in the Half-Plane (with C. Cassisa and P.E. Ricci) | Abstract of reports – Workshop on Orthogonal Polynomials and Their Applications 22-24. X.2004. Tbilisi Tbilisi State University press | 39 |
| 45. | On the a priori energetic estimations for one class high order elliptic differential equation (in Georgian and Russian) | | |
| 46. | About the Analytic Representation of a Class of Geometrical Figures, Surfaces and Lines. (with Paolo Ricci) | Reports of Enlarged Sessions of the seminar of I. Vekua Institute of Applied Mathematics v.20, N1, 2005
(http://www.viam.hepi.edu.ge/enl_ses/vol20_1-3/tavkh.pdf) | 12-15 |
| 47. | About some scientific investigations of Tbilisi State University which are connected to "Air, Water and Soil Quality Modeling for Risk and Impact Assessment"
http://www.eurad.uni-koeln.de/NATO-ARW-Georgia/index.html | Abstracts of NATO Advanced Research Workshop - "Air, Water and Soil Quality Modeling for Risk and Impact Assessment" – Tabakhmela, Georgia, 16-20 IX. 2005 | 42-43 |
| 48. | About some scientific investigations of Tbilisi State University which are connected to "Air, Water and Soil Quality Modeling for Risk and Impact Assessment" | Report - in the International Conference - "Problems of rivers monitoring and ecological safety of South Caucasus" – GRDF and TSU- X.2005, Tbilisi, Georgia | Pdf file |
| 49. | Exponential operators for solving evolution problems with degeneration (with Caterina Cassisa, Paolo Emilio Ricci) | Journal of Applied Functional Analysis (USA) N 1, (2006) | 33-50 |
| 50. | Exponential operators and solution of pseudo-classical evolution problems (with Caterina Cassisa, Paolo Emilio Ricci) | Journal of Concrete and Applicable Mathematics. (USA) N4, (2006) | 33-45 |
| 51. | On some Properties of Generalized | Reports of Enlarged Sessions of the | Pdf file |

- Möbius-Listing's Figures and Surfaces
(with T.Abesadze, N.Avazashvili & M.Nakashidze)
52. Classification of a Wide Set of Geometric Figures, Surfaces and Lines - (Trajectories)
(with Paolo Emilio Ricci) seminar of I.Vekua Institute of Applied Mathematics v.21,N3, 2006 **191-212**
53. On Some Properties of Solutions of Polyharmonic Equation in Polyhedral Angles Rendiconti Accademia Nazionale delle Scienze detta dei XL, Memorie di Matematica e Applicazioni, Serie V, vol.XXX, Parte 1, 2006 - 124 °, Dalla Fondazione (1782) Roma **565 - 580**
54. Classification of a Wide Set of Geometric Figures Georgian Mathematical Journal v. 14 (2007), N 3 ISSN 1072-947X **pp. 53-61**
55. **Введение в Операторные методы и специальные полиномы**
(with Paolo Emilio Ricci – UDC 517.58) (in Russian) Lecture Notes of TICMI, [Volume 8](http://www.viam.science.tsu.ge/others/ticmi/Int/vol8/volum8.htm), 2007, Tbilisi **36 p. (in print)**
56. An introduction to operational techniques and special polynomials
(with Paolo Emilio Ricci) <http://www.viam.science.tsu.ge/others/ticmi/Int/vol8/volum8.htm> **Современная Математика и ее приложения** (Contemporary Mathematics and Its Applications). Vol.51. (Дифференциальные уравнения и их приложения) 2008 **36 p. (in print)**
57. **Операторные методы и решения граничных (начальных) задач с периодическими данными**
(with Caterina Cassisa, Paolo Emilio Ricci UDC 517.95) (in Russian) Journal of Mathematical Sciences vol. 157, N1, 2009 **161 - 189**
58. Operational methods and solution of BVP with periodic data
(with Caterina Cassisa, Paolo Emilio Ricci -) **Современная Математика и ее приложения** (Contemporary Mathematics and Its Applications). Vol.51. (Дифференциальные уравнения и их приложения) 2008 **16 p. (in print)**
59. About Some Geometric characteristic of the Generalized Möbius Listing's surfaces GML_2^n .
(with C.Cassisa) Journal of Mathematical Sciences vol. 157, N1, 2009 **85 – 97**
60. About Some Geometric Characteristic of the Generalized Möbius Listing's surfaces.
(with P.E.Ricci) **Georgian Electronic Scientific Journal: Computer Science and Telecommunications** 2009| No.4(21), http://gesj.internet-academy.org.ge/ge/list_artic_ge.php?b_sec=comp **pp. 54-84**
61. About Connection of the generalized Möbius Listing's surfaces GML_2^n with Sets of Knots and Links. (with C.Cassisa and P.E.Ricci) Georgian Mathematical Journal v. ? (2009), N ? **10 p. and 7 fig. (in print)**
- Report** on the “4th workshop on Advanced Special Functions and solution of PDE's”, 24.28.V. 2009, Sabaudia, Italy **11 p.**

- | | | | |
|-----|---|---|---------------------------------------|
| 62. | About Connection of the generalized Möbius Listing's surfaces GML_2^n with Sets of Knots and Links. (with C.Cassisa and P.E.Ricci) | Lecture Notes of Seminario Interdisciplinare di Matematica Vol.9 (2010) | pp. 73 - 86 |
| 63. | Some Connection of the Generalized Möbius Listing's surfaces GML with Sets of Knots and Links. (with C.Cassisa and P.E.Ricci) | Reports of the seminar of I.Vekua Institute of Applied Mathematics v.35 , 2009 | 4 p. and 4 fig.
(in print) |
| 64. | About Some Geometric Characteristic of the Generalized Möbius Listing's surfaces GML_2^n (in Georgian and English) | Bulletin of St. Andrew the First-Called Georgian University of the Patriarchy of Georgia v.II (Tbilisi) 2009 | 89 - 98 |
| 65. | The Robin problem for Helmholtz equation in a starlike planar domain. (with D.Carattelli, P.Natallini, P.E.Ricci, J.Gielis) | Georgian Mathematical Journal v. ? (2010), N ? | 11p.
(in print) |
| 66. | About Connection of the Generalized Möbius-Listing's surfaces with Sets of Ribbon Knots and Links. | Збірник праць Ін-ту математики НАН України 2010 т.??, N?? | 15 p. and 2 fig. (in print) |
| 67. | Laplace Operator in Special Local Coordinates for the Generalized Möbius-Listing's Bodies | Reports of Enlarged Sessions of the seminar of I.Vekua Institute of Applied Mathematics 2010 | 4 p. (in print) |
| 68. | Laplace Operator in Special Local Coordinates for the Generalized Möbius-Listing's Bodies | Report on Minisimposya (TICMI)- "BVP for PDE " – Tbilisi (VI, 2010) | |
| 69. | About Connection of the Generalized Möbius Listing's surfaces GML_m^n with Sets of Ribbon Knots and Links | Abstracts of International Workshop Modern Algebra and its Applications – Batumi, Georgia 2010 (20-26 IX) | 5 p. (in print) and 2 fig. (in print) |
| 70. | About Some Geometric Characteristic of the Generalized Möbius Listing's surfaces GML_2^n and its Connections with set of Ribbon Links | Proceedings of Sukumi State Universitis v VII. 20?? (dedicated to the remembering of Prof. R.Absava) | 17 p. and 10 fig. (in print) |
| 71. | About One Method of Classification of a Wide Set of Trajectories | Report of International conference dedicated to 80-th birthday of Academician I.Prangishvili – Tbilisi, Georgia 2010 (XI) | |
| | About Some Geometric Characteristic of the Generalized Möbius Listing's surfaces. (with P.E.Ricci) | | |

PARTICIPATION IN CONFERENCES AND OTHER SCIENTIFIC FORUMS

1976,77,78,79,80,81,82,83, 84,85,86,97,98,91 – I.G. Petrovski Conference on Differential Equation in Moscow State University;

Every Year - 1988 - up to now. Enlarged Sessions of the seminar of I. Vekua Institute of Applied Mathematics (1988 – 2008 Member of Organizing Group) ;

1991 – “Continuum mechanics and related problems of analysis” Symposium dedicated to the 90-th an. prof. Muskhelishvili , Tbilisi, 1991 .

1993 - Guest of Royal Society, (Wenstmister University, London). Report – “Saint-Venant’s principle and its applications”;

1997 – “Differential equations and Math. Physics”. Symposium dedicated to the 90-th an. I. Vekua, 1997 Tbilisi

2005, 2004, 2001, 1998 - Guest of Università degli Studi di Roma “La Sapienza”

1999 - NATO - **Advanced networking workshop** “Networking developments in the Caucasus Region” (15-19. 10. 1999 – Tbilisi -Tabahmela) - (Member of Organizing Group), report – “About some principle of organization of scientific computer network of TSU”;

1999 – SofTEC’99 – conference 22-23.VI. 1999, Tbilisi;

2000 - [Franco-Georgian Workshop in Applied Mathematics](#) October 23-27, 2000, Tbilisi, Georgia;

2003 – International Workshop on Orthogonal Polynomials and their Applications 22-24. X. Tbilisi

2003 – “**Potential theory : Applications in solid mechanics , Acoustics and Scattering Theory**” International Conference dedicated 100-th an. prof. V.Kupradze, 2003 October Tbilisi;

2005 - NATO **Advanced Research Workshop** - “Air, Water and Soil Quality Modelling for Risk and Impact Assessment” 16-20 IX. 2005 – Tabakhmela, Georgia

2005 – “Problems of rivers monitoring and ecological safety of South Caucasus ” - GRDF – International Conference

2005 – **Seminar** – “Universta degli Studi di Roma “La sapienza” Dipartimento Matematica Istituto “Guido Castelnuovo”” – 18. XI. 2005 - **Classification of a Wide Set of Geometric Figures, Surfaces and Lines – (Trajectories)**- (with C.Cassisa, P.E.Ricci and A.Tsiskaridze)- Part I: Static case and Part II: Dynamic case

2007 - ISAAC Conference on Complex Analysis, Partial Differential Equations, and Mechanics of Continua Dedicated to the Centenary of Ilia Vekua (I. Vekua Institute of Applied Mathematics of Iv. Javakhishvili Tbilisi State University Monday, April 23 - Friday, April 27, 2007).

2008 – Cologne University , April 23 , 2008.

2008 - International workshop Conference dedicated to the 70-th birthday of prof.V.G. Maz’ya “La Sapienza” Università Roma 1 , Juni 30 – juli 3 , 2008 (member of local organizing Group).

2008 – “La Sapienza” Università Roma 1 , October 14 , 2008.

2009 – Enlarged Sessions of the seminar of I. Vekua Institute of Applied Mathematics 21-23 April Tbilisi, Georgia.

2009 – 4-th workshop **Advanced Special Functions and Solutions of PDEs ; mean speaker; 24-28 V. 2009.** Sabaudia (Italia); <http://ricerca.mat.uniroma3.it/adspde/>

2009 – Ukrainian Mathematical Congress – 2009 (dedicated to the Centennial of Nikolai N.Bogoliubov) 27-29-VIII. 2009,

http://www.imath.kiev.ua/~congress2009/program/Program_Topology.pdf

2009 - **Methods of Effective and Explicit Solving of Boundary Value Problems, 6-8 October, 2009, TBILISI INTERNATIONAL CENTRE OF MATHEMATICS AND INFORMATICS**

<http://www.viam.science.tsu.ge/others/ticmi/programs/program2009.htm>

2010 – International conference “**Informational and Computational Teqnologies**” – dedicate to remembering of Prof. Elene Decanosidze and Prof. Murman Tsuladze, Tbilisi 2-6 May 2010.

2010 - International Workshop Modern Algebra and its Applications – Batumi, Georgia, 2010 (20-26 IX)

1999 – 2005 Coordinator - of the ISPM (International Seminar in Physics and Mathematics) UNESCO Regional Bureau for Science in Europe;

- [Mathematical and Computer Simulations in Ecology](#) School and Workshop October 16-21, 2000, Tbilisi, Georgia; with prof. T. Davitashvili;
- Modern methods of functional analysis and its applications - International conference April 24-27, 2000, Tbilisi, Georgia; <http://www.viam.hepi.edu.ge/news/viam/news.html>
- [Scientific Background and Practical Tools](#) School and Workshop for Ecological Expertise September 24-29, 2001, Tbilisi, Georgia; with prof. T. Davitashvili, and prof. A. Ebel (Germany);
- [Modern methods of functional analysis in applications](#) April 22-27, 2002, Tbilisi, Georgia In cooperation with Enlarged Sessions of the Seminar of Institute of Applied Mathematics (Tbilisi State University);
- [Mathematical Modeling and Management of Environmental Changes in Transitional Economies](#) School and International Conference September 16-21, 2002, Tbilisi, Georgia; with prof. T. Davitashvili, and prof. A. Ebel (Germany);
- [Modern Problems of Mathematical Physics and Partial Differential Equations](#) International Workshop April 22-26, 2003, Tbilisi, Georgia;
- [Mathematical Modeling and Monitoring of the Environmental Pollution](#) International Conference September 22-27, 2003, Baku, Azerbaijan with prof. T. Davitashvili (Georgia), prof. A. Ebel (Germany), and prof. A. Veliev (Azerbaijan);
- [Potential Theory: Applications in Solid Mechanics and Acoustic and Electromagnetic Scattering](#) International Conference October 27- November 1, 2003, Tbilisi, Georgia , with prof. D. Natroshvili (Georgia).
- “Air, Water and Soil Quality Modelling for Risk and Impact Assessment” NATO Advanced Research Workshop 16-20 IX. 2005 – Tabakhmela, Georgia, (member of local organizing group) <http://www.eurad.uni-koeln.de/NATO-ARW-Georgia/index.html>