CV of Prof.   OTAR JOKHADZE

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Personal Data:

Date of Birth:	October 2, 1956
Place of Birth:	village Shuqruti, Chiatura, Georgia
Nationality:	Georgian
Marital Status:	Married

Education and Scientific Degree:

1973	Graduated with honour (gold medal) from the Secondary School of city Chiatura
1973-1978	Student of the Tbilisi State University, Faculty of Mechanics and Mathematics
June, 1978	Diploma with honour in Mathematics
1978 - 1982	Post-graduate student at the Tbilisi A. Razmadze Mathematical Institute of
	Georgian Academy of Sciences (Acad. I. Vekua's Fellowship)
March, 1983	Candidate of Phys. Math. Sci (Ph. D.), Tbilisi State University
September, 1999	Doctor of Phys. Math. Sci. (Dr. habil),
	A. Razmadze Mathematical Institute of Georgian Academy of Sciences

Languages:

Georgian (Native), Russian, English

Positions Held and Academic Experience:

1982 - 1986	Junior Scientific Researcher at Tbilisi A. Razmadze Mathematical Institute of
	Georgian Academy of Sciences
1986 - 1990	Scientific Researcher at the same institute
1990 - 2000	Senior Scientific Researcher at the same institute
2000 - 2006	Leading Scientific Researcher at the same institute
2006 -present	Senior Scientific Researcher at the same institute
1996 - 2000	Part-time position of Professor at the Georgian Technical University
1996 - 2006	Part-time position of Professor at I. Javakhishvili Tbilisi State University
2008 - 2011	Part-time position of Professor at I. Chavchavadze State University
2008 - 2009	Assistant Professor at I. Javakhishvili Tbilisi State University
2009 - present	Associated Professor at I. Javakhishvili Tbilisi State University

Research Areas:

The equations of Mathematical Physics (Qualitative - structural properties and boundary value problems for linear and nonlinear hyperbolic, pseudoparabolic and mixed type equations and systems)

Membership in Scientific Academies and Societies:

Member of Georgian Mathematical Society
Member of the Scientific Council of A. Razmadze Math. Institute
Member of the Council Ph. M. 01.01.No. 1 for delivery Scientific degrees at
A. Razmadze Math. Institute

Fellowships and Grants:

- Travel Grant of Open Society - Georgia Foundation, # TG/43/99, 1999.
- Research Grants of the Georgian Academy of Sciences – # 1.12.97 (1997-1999); # 1.8.00 (2000-2001); # 1.8.02 (2002-2003); # 1.8.04 (2004-2005).
- INTAS Grant # 05-1000008-7921 (2006-2008).

- GNSF (Georgian National Science Foundation) Grant # 151/07, Code 06_96_3-101 (2006-2008).
- Shota Rustaveli National Science Foundation, Grant # 31/32, 2013-2016.
- Shota Rustaveli National Science Foundation, Grant # 31/32, 2015-2018.

Participations in Conferences and other Scientific Forums:

- Scientific session of students of higher education institutions of Georgia (Sukhumi, Georgia, 1977) - speaker.
- All - union symposium on partial differential equations and its application dedicated to the 75th birthday anniversary of academician I. Vekua (Tbilisi, Georgia, 1982) - speaker.
- United scientific seminar on the nonlocal problems for partial differential equations (Nal'chik, Russia, 1986) - speaker.
- All - union symposium on current problems of mathematical physics dedicated to the 80th anniversary of academician I. Vekua (Tbilisi, Georgia, 1987) - speaker.
- All - union school of young scientists "Functional methods of applied mathematics and mathematical physics" (Tashkent, Uzbekistan, 1988).
- International conference "Differential equations and related issues" dedicated to the 90th birthday anniversary of academician I. G. Petrovski (Moscow, Russia, 1991) - speaker.
- International symposium on continuum mechanics and related problems of analysis dedicated to the centenary of academician N. Muskhelishvili (Tbilisi, Georgia, 1991) - speaker.
- 10th Conference on problems and methods in mathematical physics (Chemnitz, Germany, 1993).
- First congress of mathematicians of Georgia (Tbilisi, Georgia, 1993) - speaker.
- International conference "Nonlocal boundary problems and related problems for mathematical biology, informatics and physics" (Nal'chik, Russia, 1996).
- DEMPh-97 International symposium on differential equations and mathematical physics dedicated to the 90th birthday anniversary of academician I. Vekua (Tbilisi, Georgia, 1997) - speaker.
- International symposium on problems of continuum mechanics (Tbilisi, Georgia, 1997) - speaker.
- Second congress of mathematicians of Georgia (Tbilisi, Georgia, 1997) - speaker, scholarly secretary.

- Third Siberian congress on industrial and applied mathematics (INPRIM-98) dedicated to the 90th birthday anniversary of academician S. L. Sobolev (Novosibirsk, Russia, 1998) - speaker.
- Workshop in partial differential equations, Institute for Mathematics at the University of Potsdam (Potsdam, Germany, 1999) - speaker.
- Tbilisi international centre of mathematics and informatics "TICMI" (Tbilisi, Georgia, 1999) - speaker.
- Symposium dedicated to the 110th birthday anniversary of academician N. Muskhelishvili (Tbilisi, Georgia, 2001).
- International School in Physics and Mathematics (ISPM, Tbilisi, Georgia), International School and Workshop "Function Spaces, Integral Transforms and Applications in PDE", August 31 - September 5 (Tbilisi, Georgia, 2005) - speaker.
- The Third Conference on Numerical Analyses and Applications, June 16 – 20 (Lozenetz, Bulgaria, 2008).
- International Conference on Modern Problems in Applied Mathematics. Dedicated to the 90th Anniversary of the Iv. Javakhishvili Tbilisi State University & 40th Anniversary of the I. Vekua Institute of Applied Mathematics, 7-9 October, 2008, Tbilisi.
- Reports of Enlarged Sessions of the Seminar of I. Appl. Math., 2008, Tbilisi.
- Reports of Enlarged Sessions of the Seminar of I. Vekua Inst. Appl. Math., 2009, Tbilisi
- Scientific seminar "Some problems of the theory of differential equations" (of the Shota Rustaveli National Science Foundation Project-399), I.Vekua Institute of Applied Mathematics of Iv. Javakhishvili Tbilisi State University, Tbilisi, Georgia, 25 February, 2011.
- Institute of Mathematics of the Academy of Sciences of the Czech Republic, Seminar of Necas Center for Mathematical Modeling, Prague, Czech Republic, 12 April, 2011.
- The Sixth International Conference on Differential and Functional Differential Equations, Moscow, Russia, August 14 – 21, 2011.
- International Workshop on the Qualitative Theory of Differential Equations "QUALITDE - 2011" (Dedicated to the 70th birthday anniversary of Professor T. Chanturia), November 4 – 6, 2011, Tbilisi, Georgia.
- Institute of Mathematics of the Academy of Sciences of the Czech Republic, Seminar on the Function Spaces, Prague, Czech Republic, 23 November, 2011.
- On one boundary value problem for a wave equation with power nonlinearity (with S. Kharibegashvili). International Conference "Modern Problems in Applied Mathematics" dedicated to the 95th Anniversary of the I. Javakhishvili Tbilisi State University & 45th Anniversary of the I. Vekua Institute of Applied Mathematics of TSU, Tbilisi, September 4-7, 2013.

- On the solvability of a boundary value problem for a wave equation with power nonlinearity in the angular domains (with S. Kharibegashvili). Conference of Andrea Razmadze Mathematical Institute, Tbilisi, December 2-6, 2013.
- The mixed problem for the semilinear wave equation with a nonlinear boundary condition (with S. Kharibegashvili). International Workshop on the Qualitative Theory of Differential Equations "QUALITDE-2013" dedicated to the 100th birthday anniversary of Professor L. Magnaradze, Tbilisi, Georgia, December 20-22, 2013.
- he mixed problem for the semilinear wave equation with a nonlinear boundary condition (with S. Kharibegashvili). International Workshop on the Qualitative Theory of Differential Equations "QUALITDE-2013" dedicated to the 100th birthday anniversary of Professor L. Magnaradze, Tbilisi, Georgia, December 20-22, 2013.
- On the periodic problem for the nonlinear telegraph equation with a boundary condition of Poincare (with S. Kharibegashvili). International Workshop on the Qualitative Theory of Differential Equations "QUALITDE-2014" dedicated to the 125th birthday anniversary of Professor A. Razmadze, Tbilisi, Georgia, December 18-20, 2014.
- On a Zaremba type problem for nonlinear wave equations in the angular domains (with S. Kharibegashvili). Conference of Andrea Razmadze Mathematical Institute, Tbilisi, November 24-28, 2014.
- The Riemann and Green-Hadamard functions of linear hyperbolic equations and its applications. Swedish-Georgian Conference in Analysis and Dynamical Systems, Tbilisi, Georgia, July 15-22, 2015.
- International Workshop on the Qualitative Theory of Differential Equations "QUALITDE-2015", Tbilisi, Georgia, December 27-29, 2015.
- Mixed problems for some class of integro-differential equations of parabolic type (with S. Kharibegashvili). Conference of Andrea Razmadze Mathematical Institute, Tbilisi, December 14-18, 2015.
- The Cauchy-Darboux problem for wave equation with a nonlinear dissipative term (with S. Kharibegashvili). XXX Enlarged Session of the Seminar at I. Vekua Institute of Applied Mathematics dedicated to the 100th birthday anniversary of academician A. Bitsadze. Tbilisi, Georgia, April 20-22, 2016.
- Global and bow-up solutions of a mixed problem with nonlinear boundary conditions for a one-dimensional semilinear wave equation (with S. Kharibegashvili). ICNAAM, Rodos Palace Hotel, Rhodes, Greece, September 19-25, 2016.
- On the solvability of the mixed problem for the semilinear wave equation with a nonlinear boundary condition (with S. Kharibegashvili). International Workshop on the Qualitative Theory of Differential Equations "QUALITDE-2016" dedicated to the 100th birthday anniversary of academician A. Bitsadze, Tbilisi, Georgia, December 24-26, 2016.

List of Main Publications of Prof. Otar Jokhadze

1. On the Cauchy problem for one quasilinear equation. (Russian) *Differentsial'nye Uravneniya* **17**(1981), No. 1, 46-49; English transl.: *Differ. Equations* **17**(1981), No. 1, 30-33.

2. Cauchy and Darboux problems in the large for a class of nonlinear equations. (Russian) *Analytical methods in the theory of elliptic equations, Work Collect., Novosibirsk,* 1982, 121-128.

3. On the solvability of the Cauchy problem in the large for some quasilinear hyperbolic equation with parabolic degeneration. (Russian) *Soobshch. Akad. Nauk Gruz. SSR* **105**(1982), No. 2, 257-260.

4. Goursat's characteristic problem in the large for a class of quasilinear hyperbolic equations. (Russian) *Differentsial'nye Uravneniya* **19**(1983), No. 1, 30-37; English transl.: *Differ. Equations* **19**(1983), No. 1, 25-31.

5. On global solvability of an analog of the Goursat problem for a class of quasilinear hyperbolic equations. (Russian) *Trudy Tbiliss. Mat. Inst. Razmadze* **75**(1984), 37-45.

6. The Darboux problem in the large for a class of quasilinear hyperbolic equations. (Russian) *Differentsial'nye Uravneniya* **21**(1985), No. 1, 46-50; English transl.: *Differ. Equations* **21**(1985), No. 1, 36-40.

7. On global solvability of initial and characteristic problems for one class of quasilinear hyperbolic equations. *Mathematical analysis, Teubner-Texte Math.* **79**(1985), 150-169.

8. On the Cauchy problem in the large for a class of quasilinear hyperbolic equations. (Russian) *Trudy Tbiliss. Mat. Inst. Razmadze* **81**(1986), 50-54.

9. Global Goursat characteristic problem for one class of quasilinear hyperbolic equations. *Mixed type equations, Teubner-Texte Math.* **90**(1986), 136-141.

10. Frankl's problem for the Lavrent'ev-Bitsadze equation in a half-plane. *All – union school of young scientists "Functional methods of applied mathematics and mathematical physics", Tashkent, Uzbekistan,* 1988, 15-16.

11. On some variants of the Frankl's problem for the Lavrent'ev-Bitsadze equation in a half-plane. (Russian) *Differentsial'nye Uravneniya* **25**(1989), No. 9, 1614-1618; English transl.: *Differ. Equations* **25**(1989), No. 9.

12. On some variants of Frankl's problem for the Lavrent'ev-Bitsadze equation in a half-plane. *Topics in mathematical analysis, World Scientific Publishing Co., Ser. Pure Math.* **2**(1989), 478-500.

13. An initial-characteristic problem on composite curves for the generalized equation of Mangeron. 10*th Conference on Problems and Methods in Mathematical Physics, Chemnitz‚Germany*, 1993, p. 23.

14. On the Cauchy and Goursat problems on the composite curves for the generalized Mangeron equation. *Reports of Enlarged Sessions of the Seminar of I. Vekua Inst. Appl. Math.* **8**(1993), No. 1, 38-40.

15. The global Cauchy problem for quasilinear hyperbolic equations. *Geometry, Analysis and Mechanics, World Scientific Publishing Co.,* 1994, 269-274.

16. On a Darboux problem for a third order hyperbolic equation with multiple characteristics. *Georgian Math. J.* **2**(1995), No. 5, 469-490.

17. The Darboux type problem in a dihedral angle for third order equations of hyperbolic type. *Reports of Enlarged Sessions of the Seminar of I. Vekua Inst. Appl. Math.* **10**(1995), No. 1, 39-42.

18. Spatial problem of Darboux type for one model equation of third order. *Georgian Math. J.* **3**(1996), No. 6, 547-564.

19. The extremum principle for some classes of second order elliptic and parabolic systems. *International Conference, "Non-local boundary problem and related matheamatical biology, informatic and physic problem", Nal'chik, Russia*, 1996, 30-31.

20. Darboux type problem for a third order equation with dominant lower terms. (Russian) *Differentsial'nye Uravneniya* **32**(1996), No. 4, 523-535; English transl.: *Differ. Equations* **32**(1996), No. 4, 524-537.

21. The first mixed problem for pseudoparabolic equations on a plane. *Bull. Georgian Acad. Sci.* **154**(1996), No. 2, 177-180.

22. General Darboux type problem for a third order equations with dominated lower terms. *Bull. Georgian Acad. Sci.* **154**(1996), No. 3, 344-347.

23. The Riemann function for higher order hyperbolic equations. *International Symposium on Differential Equations and Mathematical Physics Dedicated to the 90th Birthday Anniversary of Academician I. Vekua, Tbilisi, Georgia*, 1997, p. 73.

24. The General Goursat Type Spatial Problem for the Higher Order Hyperbolic Equation. *International Symposium on Problems of Continuum Mechanics, Tbilisi, Georgia,* 1997, 131-132.

25. Darboux and Goursat type problems in the trihedral angle for hyperbolic type equations of third order. *Rend. Semin. Mat. Univ. Padova* **98**(1997), 107-123.

26. On the boundary value problem in a dihedral angle for normally hyperbolic systems of first order. *Georgian Math. J.* **5**(1998), No. 2, 121-138.

27. On the boundary value problems for normally hyperbolic systems of first order equations in the space. *Rend. Mat. Appl.* (7) **18**(1998), 497-528.

28. A Darboux-type problem in the trihedral angle for a third-order equation of hyperbolic type. (Russian) *Izv. Vyssh. Uchebn. Zaved. Mat.* **1999,** No. 3, 22-30; *translation in Russian Math. (Iz. VUZ)* **43** (1999), No. 3, 20-28.

29. Boundary value problems in the plane for higher order hyperbolic (pseudoparabolic) equations in angular and characteristic domains. *Workshop in Partial Differential Equations, Institute for Mathematics at the University of Potsdam, Potsdam, Germany*, 1999, 17-18.

30. Nonexistence of positive solutions for some classes of nonlinear elliptic inequalites in RN. *Symposium Dedicated to the 110th Birthday Anniversary of Academician N. Muskhelishvili, Tbilisi, Georgia,* 2001, p. 13.

31. The Goursat problem for second-order hyperbolic systems with nonsplittable principal parts. (Russian) *Differentsial'nye Uravneniya* **38** (2002), No. 1, 87-92; English transl.: *Differ. Equations* **38** (2002), No. 1, 93-98.

32. The general boundary value problem of the Darboux type in the curvelinear angular domains for the third order equations with dominated lower terms. (Russian) *Sibirsk. Mat. Zh.* **43**(2002), No. 2, 295-313; English transl.: *Sibirian Math. J.* **43**(2002).

33. A Darboux-type problem in a dihedral angle for a class of third-order equations. (Russian) *Izv. Vyssh. Uchebn. Zaved. Mat.* **2003,** No. 5, 9-20; *translation in Russian Math. (Iz. VUZ)* **47** (2003), No. 5, 7-18 (2004).

34. The Riemann function for higher-order hyperbolic equations and systems with dominated lower terms. (Russian) *Differentsial'nye Uravneniya* **39** (2003), No. 10, 1366-1378; English transl.: *Differ. Equations* **39** (2003), No. 10, 1440-1453.

35. The influence of lower terms on the well-posedness of the formulation of characteristic problems for third-order hyperbolic equations. (Russian) *Mat. Zametki* **74** (2003), No. 4, 517-528; *translation in Math. Notes* **74** (2003), No. 3-4, 491-501.

36. On Laplace invariants for some classes of linear partial differential equations. (Russian) *Differentsial'nye Uravneniya* **40** (2004), No. 1, 58-68; English transl.: *Differ. Equations* **40** (2004), No. 1, 63-74.

37. On the existence of positive and oscillation solution of differential equations with delayed arguments (with G. Berikelashvili and R. Koplatadze). *International School in Physics and Mathematics (ISPM); International School and Workshop* "*Function Spaces, Integral Transforms and Applications in PDE*", *August 31—September 5, 2005, Tbilisi, Georgia. Proc. A. Razmadze Math. Inst.***139** (2005), p. 85.

38. Some traits of the creative portrait of Andro Bitsadze (with J. Gvazava and S. Kharibegashvili). *Proc. Tbiliss. UIniv., Math. Mekh. Astron.* **354** (2005), 128-143.

39. On the three-dimensional generalized Goursat problem for a third-order equation, and related general two-dimensional Volterra integral equations of the first kind. (Russian) *Differentsial'nye Uravneniya* **42** (2006), No. 3, 385-394; English transl.: *Differ. Equations* **42**(2006), No. 4, 524-537.

40. Higher-order three-dimensional hyperbolic equations with dominated lower terms (with B. Midodashvili). (Russian) *Izv. Vyssh. Uchebn. Zaved. Mat.* **2006,** No. 6, 25-34; *translation in Russian Math. (Iz. VUZ)* **50** (2006), No. 6, 24-32 (2007).

41. On an Approach to the Anylisis of Asymptotic Properties of Solutions of First-Order Ordinary Delay Differential Equations (with G. K. Berikelashvili and R. G. Koplatadze). (Russian) *Differentsial'nye Uravneniya* **44** (2008), No. 1, 19-38; English transl.: *Differ. Equations* **44** (2008), No. 1, 19-39.

42. On existence and nonexistence of global solutions of Cauchy-Goursat problem for nonlinear wave equations. *J. Math. Anal. Appl.* **340** (2008), 1033-1045.

43. The first Darboux problem for nonlinear wave equations with a nonlinear positive source term (with B. Midodashvili). *Nonlinear Anal.* **69** (2008), 3005-3015.

44. On the Existence and Absence of Global Solutions of the First Darboux Problem for Nonlinear Wave Equations (with G. K. Berikelashvili, B. G. Midodashvili, and S. S. Kharibegashvili). (Russian) *Differentsial'nye Uravneniya* **44** (2008), No. 3, 359-372; English transl.: *Differ. Equations* **44** (2008), No. 3, 374-389.

45. On the first Darboux problem for nonlinear second order hyperbolic equations (with S. S. Kharibegashvili). (Russian) *Mat. Zametki* **84** (2008) , No 5, 693-712.

46. Four-Point Finite Differente Scheme for a Nonlinear Klein-Gordon Equation With an Extremal Source (with G. Berikelashvili, J. Gvazava, S. Kharibegashvili, and B. Midodashvili). *The Third Conference on Numerical Analysis and Applications, June* 16-20, 2008, *Lozenetz, Bulgaria*.

47. Finite Differential Solution of a Nonlinear Klein-Gordon Equation With an Extremal Source (with G. Berikelashvili, S. Kharibegashvili, and B. Midodashvili). *Reports of XXII Enlarged Sessions of the Seminar of I. Vekua Inst. Appl. Math.* (*Tbilisi, Georgia,* 2008).

48. Difference method of solving the Darboux problem for nonlinear Klein-Gordon equation (with G. Berikelashvili, S. Kharibegashvili). International Conference on Modern Problems in Applied Mathematics Dedicated to the 90th Anniversary of the Iv.

Javakhishvili Tbilisi State University & 40th Anniversary of the I. Vekua Institute of Applied Mathematics ,7-9 October, 2008, Tbilisi.

49. Finite-difference method of solving the Darboux problem for nonlinear Klein-Gordon equation (with G. Berikelashvili, S. Kharibegashvili, B. Midodashvili). *Mem. Differential Equations Math. Phys.* **47** (2009), 123-132.

50. The Cauchy-Goursat problem for one-dimensional semilinear wave equations. *Communications in Partial Differential Equations* **34** (2009), Issue 4, 367-382.

51. Finite difference solution of a nonlinear Klein-Gordon equation with an external source (with G. Berikelashvili, B. Midodashvili, S. Kharibegashvili). *Math. Comput.* **80** (2011), No. 274, 847-862.

52. The Cauchy problem for one-dimensional wave equations with nonlinear dissipative and damping terms. *Proc. A. Razmadze Math. Inst.* **155** (2011), 126-130.

53. The Cauchy problem for generalized Liouville equation (with S. S. Kharibegashvili). (Russian) *Differentsial'nye Uravneniya* **47** (2011), No.12, 1741-1753; English transl.: *Differ. Equations* **47** (2011), No. 12, 13 pp.

54. Some properties and applications of the Riemann and Green-Hadamard functions for linear second-order hyperbolic equations (with S. S. Kharibegashvili). (Russian) *Differentsial'nye Uravneniya* **47** (2011), No. 4, 477-492; English transl.: *Differ. Equations* **47** (2011), No. 4, 1-17.

55. The boundary value problem for wave equations with nonlinear dissipative and source terms (with S. Kharibegashvili). *International Journal of Dynamical Systems and Differential Equations* (IJDSDE) 3 (2011), No. 3, 328 – 348. **DOI:** 10.1504/IJDSDE.2011.041879.

56. The Darboux first problem for wave equations with nonlinear dissipative term. *Nonlinear Differential Equations and Applications* (*NoDEA*), 2012, DOI: 10.1007/s00030-012-072-3.

57. The Cauchy-Darboux problem for the one-dimensional wave equation with power nonlinearity (with S. Kharibegashvili). *Siberian Math. J.* **54** (2013), No. 6, 1120-1136.

58. The second Darboux problem for the wave equation with a power-law nonlinearity (with S. Kharibegashvili). *Differential Equations* **49** (2013), No.12, 1577-1595. Translated from *Differntsial'nye Uravneniya* **49** (2013), No. 12, 1623-1640

59. The Cauchy-Goursat problem for wave equations with nonlinear dissipative term (with S. Kharibegashvili) (Russian). *Math. Notes* **94** (2013), No. 6, 913-929. Translated from *Mat. Zametki* **94** (2013), No. 6, 889-907; DOI: 10.4213/mzm5617

60. The global Cauchy problem for wave equations with nonlinear damping term. (Russian) *Differentsial'nye Uravneniya* **50** (2014), No.1, 58-65; English transl.: *Differ. Equations* **50** (2014), No. 1, 57-65.

61. Boundary value problem for a wave equation with power nonlinearity in the angular domains (with S. Kharibegashvili). *Proc. A. Razmadze Math. Inst.* **164** (2014), 116-120.

62. Global and blowup solutions of a mixed problem with nonlinear boundary conditions for a one-dimensional semilinear wave equation (with S. Kharibegashvili). *Mat. Sb.* **205** (2014), no. 4, 121-148; translation in *Sb. Math.* **205**(2014), no. 4, 573-599.

63. The Cauchy problem for one-dimensional wave equations with a nonlinear dissipative term. *Eurasian Math. J*. **5** (2014), no. 4, 92-112.

64. On the Cauchy and Cauchy-Darboux problems for semilinear wave equations (with S. Kharibegashvili). *Georgian Math. J.* **22** (2015), No. 1, 81-104.

65. On a Zaremba type problem for nonlinear wave equations in the angular domains (with S. Kharibegashvili). *Proc. A. Razmadze Math. Inst.* **167** (2015), 130-135.

66. The time-periodic problem for weekly nonlinear telegraph equation with oblique derivative in the boundary condition (with S. Kharibegashvili). *Differential Equations* **51** (2015), No.10, 1369-1386. Translated from *Differentsial'nye Uravneniya* **51** (2015), No. 10, 1376-1392.

67. On solvability of a periodic problem for a nonlinear telegraph equation (with S. Kharibegashvili). *Siberian Math. J.* **57** (2016), No. 4, 735-743.

68. On the solvability of a boundary value problems for nonlinear wave equations in angular domains (with S. S. Kharibegashvili). *Differential Equations* **52** (2016), No. 5, 644-666. Translated from *Differentsial'nye Uravneniya* **52**(2016), No. 5, 665-686.

69. The Cauchy-Darboux problem for wave equations with a nonlinear dissipative term (with S. Kharibegashvili). *Mem. Differential Equations Math. Phys.* **69** (2016).

70. A short survey of scientific results of academician A. V. Bitsadze (with S. Kharibegashvili). *Mem. Differential Equations Math. Phys.* **69** (2016).

71. The second Darboux problem for the wave equation with integral nonlinearity (with S. Kharibegashvili). *Trans. A. Razmadze Math. Inst.* **170** (2016), No. 3.

72. On the solvability of a mixed problem with nonlinear boundary conditions for one-dimensional semilinear wave equation (with S. Kharibegashvili and N. Shavlakadze). *J. Contemp. Math. Anal.* (accepted).

73. Approximate and exact solutions of a singular integro-diYerential equation relating to a contact problem of the theory of elasticity (with N. N. Shavlakadze, S. S. Kharibegashvili). *Journal of Applied Mathematics and Mechanics*(accepted).