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Date of birth, October, 15, 1947
Place of birth, Tchiatura, Georgia
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EDUCATION:

Student of Tbilisi State University (TSU), faculty of Mechanics and Mathematics (1965-1970). June 1970, Diploma (M.D.) in Mathematics.
1970-1973 –Postgraduate of Tbilisi State University, faculty of Mechanics and Mathematics. Ph.D. (Candidate of Science) in Mechanics of Deformable bodies, Tbilisi State University, 1978 .Thesis “Boundary Value Problems of the Theory Thermoelasticity for the Homogeneous Transversally Isotropic Bodies”, Scientific Advisor Prof. Micheil Bacheleishvili.

PROFESSIONAL EXPERIENCE

1974-1984 –Junior Researcher at the I .Vekua Institute of Applied Mathematics of Tbilisi State University.
1984 –2006 -Senior researcher at the I .Vekua Institute of Applied Mathematics of Tbilisi State University.
2006-2011- Researcher at the I.Vekua Institute of Applied Mathematics of Tbilisi State University.
2012 - present: Scientific Researcher at the I.Vekua Institute of Applied Mathematics of Tbilisi State University.

Fields of interests: The Theory of Elasticity, Integral and Differential Equations of Mathematical Physics, Boundary Value and Initial Boundary Value Problems of Solid Mechanics.

Grants:

1. Grant of Georgian National Science Foundation (Project 1.01.78, 06, 2005-12, 2005)
2. Grant of Georgian National Science Foundation (Project GNFS/ST06/3-33, 2006- 2009).
3. Grant of Georgian National Science Foundation (Project GNFS/ST08/3-388, 2009-2012).

PARTICIPATION in CONFERENCES and OTHER SCIENTIFIC FORUMS:

1. **Tsagareli I., Bitsadze L,** Solutions of BVPs in the full coupled theory of elasticity for a sphere with double porosity, V Annual Meeting of the Georgian Mechanical Union, 8-10 October, **2014**, Tbilisi, Georgia, Book of Abstracts, pp. 35-36
2. **Bitsadze L** On some solutions of equations of the 2D dynamical theory of Thermoelasticity with Microtemperatures, Second International Conference "Modern Problem in Applied Mathematics" *Dedicated to the 95th Anniversary of the I. Javakishvili Tbilisi State University & 45th Anniversary of the I.Vekua Institute of Applied Mathematics of TSU.* Tbilisi, Georgia, September 4-7, **2013**, Book of Abstracts, pp.10.
3. **Bitsadze,** Effective Solution of the Neumann BVP of the linear Theory of Thermoelasticity with Microtemperatures for a sphere and for space with a spherical cavity IV Annual Meeting of the Georgian Mathematical Union, book of abstracts, pp.4, 8.11, 2013-10,11, 2013, Kutaisi **2013**
4. **L. Bitsadze.** Effective Solution of the Dirichlet BVP of the Linear Theory of Thermoelasticity with Microtemperatures for a Spherical Ring, III International Conference of the Georgian Mathematical Union, September 2-9, **2012**, Batumi, Georgia, Book of Abstracts, pp.190.
5. **L. Bitsadze,** Effective Solution of the Neumann BVP of the linear Theory of Thermoelasticity with Microtemperatures for a spherical ring, III Annual Meeting of the Georgian Mechanical Union, 19-21 December, **2012**, Tbilisi, Georgia, Book of Abstracts, pp. 7.
6. **Bitsadze L.** On one BVP of the Theory of Thermoelasticity with Microtemperatures for a Sphere II International Conference "Nonclassical Problems of Mechanics" 6-8 **October. 2012**, Kutaisi, Georgia, pp. 57-61.
7. **Bitsadze L.** The Neumann BVP of thermoelasticity for a transversally isotropic Half-Plane with curvilinear cuts, II International Conference of the Georgian Mathematical Union, Dedicated to the 70th Anniversary of the Georgian Academy of Science September 14-19, **2011**, Batumi, Georgia, Book of Abstracts, pp. 137.

8. **Bitsadze L** . Existence Theorems of solutions of Third and Fourth BVPs of the plane theory of Thermoelasticity with Microtemperatures. II International Conference of the Georgian Mathematical Union, Dedicated to the 70th Anniversary of the Georgian Academy of Science September 14-19, **2011**, Batumi, Georgia, Book of Abstracts, pp. 138.
9. **Bitsadze L** . Boundary Value Problems of the plane theory of Thermoelasticity with Microtemperatures for half-plane. International Conference Continuum Mechanics and Related Problems of Analysis, September 9-14, **2011**, Tbilisi, Georgia, Book of Abstracts, pp.51
10. **Lamara Bitsadze**. Boundary value problems of the theory of thermoelasticity with microtemperatures for a half-space. II Annual meeting of the Georgian Mechanical Union, 15-17 December, **2011**, Tbilisi, Georgia, Book of Abstracts, pp.9.
11. The First Annual Meeting of the Georgian Mechanical Union, December, 20-22 **2010**, Tbilisi, Georgia, Book of Abstracts, pp.8.
12. First International Conference of the Georgian Mathematical Union, September 12-19, **2010**, Batumi, Georgia, Book of Abstracts, pp. 65.
13. International Conference GAMM2010, 22-26 March, **2010**, Karlsruhe, Germany, CD of Abstracts
14. II International Scientific and Technical Conference “Architecture and Construction-contemporary problems”, 30 September-3 October, **2010**, Yerevan-Jermuk, Conference proceedings, v.2, pp .219-225.
15. International Conference “Analytic Methods of Mechanics and Complex Analyses” dedicated to N.A. Kilchevskii and V.A .Zmorovich of the occasion of their Birthday centenary, Ukraine, Kiev, 29 June 5 July **2009**, Book of Abstracts, p.11.
16. 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, October,7-9 **2008**, Tbilisi, Book of Abstracts, pp. 65.
17. International Scientific and Technical Conference “Architecture and Construction-topical problems”, 15-18 October **2008**, Yerevan-Jermuk, Conference proceedings, v.3, pp .84-88.
18. International Conference in Topical Problems of Continuum mechanics dedicated to the 95-th anniversary of Academician Nagush Kh.Arytyunyan, 25-28 September **2007**, Tsakhadzor, Armenia. , Conference proceedings, p, 470-473.
19. International conference “Non classic problems of Mechanics”, 25-27.10, **2007**, Kutaisi, pp. 274-278.
20. International ISAAC conference ”Complex Analysis, Partial Differential Equations and Mechanics of Continua”, 23-27 April **2007**, Tbilisi.

21. IY Congress of Georgian Mathematicians, November 14-16, **2005**, Tbilisi, Book of Abstracts, p. 22.
22. International conference dedicated to the 100-th anniversary of Academician V.D. Kupradze, 26-30, 10, **2003**.
23. III Congress of Georgian Mathematicians, October 11-13, **2001**, Tbilisi, Book of Abstracts, p.20.
24. International Symposium dedicated to the 90-th Birthday Anniversary of Academician I.Vekua, 21.06-25.06 **1997**, Tbilisi, Book of Abstract, p. 110.
25. 10 - , 9-12 **1983**.
26. , 19-20 **1981** .
27. Enlarged Sessions of the seminar of I.Vekua Institute of Applied Mathematics, 22-24.04. 2015, 22.04-24.04, **2014**; 22.04-24.04, **2013**; 23.04-25.04, **2012**; 22.04-25.04, **2011**; 21.04-23.04, **2010**; 22.04-24.04, **2009**; 22.04-25.04, **2008**; 21.04-22.04, **2005**; 22.04-24.04, **2003**; 24.04-27.04, **2000**; 24-26,04, **2001**; 21.04-24.04, **1999**; **1997**; 26-28,04; **1995**; **1993**; **1991**; **1989**; **1986**; **1981**;

List of selected publications:

1. **Bitsadze L.** About one contact problem for a nonhomogeneous thermoelastic transversally isotropic half-space. Seminar of Institute of Applied Mathematics, Abstracts of papers, v.10, **1975**, 73- 80 (Russian).
2. **Bitsadze L.** A mixed boundary value problem of the statics of a thermoelastic transversally isotropic layer. Bulletin of the Academy of Sciences of the Georgian SSR, v. 77, N2, **1975**, 325-328(Russian).
3. **Bitsadze L.** The solution of basic boundary value problems for Thermoelastic transversally isotropic half-space. Investigation Some Boundary Value Problem for the Theory of Elasticity (**1975**}, 41-51, (Russian).
4. **Bitsadze L.** The theorem of symmetry principle for thermoelastic transversally isotropic body. Investigation on Some Equation of the Mathematic Physics, **1976** , 32-41, (Russian).
5. **Bitsadze L.** Basic Contact problem for transversally isotropic body. Proceedings of Tbilisi State University, Math., Mech., Astr.(**1976**), v. 166, 37-42 (Russian).
6. **Bitsadze L.** On some solution of the basic boundary value problems for transversally isotropic half-space. Bulletin of the Academy of Sciences of the Georgian SSR, v.98, N3, **1980**, 553-556, (Russian).

7. **Bitsadze L.** Contact value problems between two layers of different materials, Investigation Some Boundary Value Problem for the Theory of Elasticity, **1980**. 4-20(Russian).
8. **Bitsadze L.** For some contact value problems for transversally isotropic space. Proceedings of I.Vekua Institute of Applied Mathematics, N10, **1981**, 22-31, (Russian).
9. **Bitsadze L.** Basic boundary value problems for a transversally isotropic layer. Proceedings of I. Vekua Institute of Applied Mathematics, v. 12, **1983**, 30-39, (Russian).
10. **Bitsadze L.** Basic boundary value contact problems for a composite transversally-isotropic plate. Proceedings of I.Vekua Institute of Applied Mathematics, v.12, **1983**, 40-49,(Russian).
11. **Bitsadze L.** Boundary value problems for the theory electroelasticity. X Research Conference, Telavi, Abstracts, **1983**, (Russian).
12. **Bitsadze L.** About some problems of electroelasticity . Proceedings of I Vekua Institute of Applied Mathematics, N16, **1985**, pp. 20-33, (Russian) .
13. **Bitsadze L.** The solutions of boundary value problems of electroelasticity for a transversally isotropic half-space. Proceedings of I.Vekua Institute of Applied Mathematics, v.16, **1985**, 34-35 (Russian).
14. **Bitsadze L.** The investigation of basic boundary value problems for statical theory of electroelasticity. Reports of the Enlarged Session of the Seminar I.Vekua Institute of Applied Mathematics , v.2, N2, **1986**, 17-21, (Russian) .
15. **Bitsadze L.** On the solution of the basic contact problem of electroelasticity for a transversally isotropic space. Proceedings of I. Vekua Institute of Applied Mathematics, N23, **1988**, 37- 47 (Russian) .
16. **Bitsadze L.** Contact problems of statical theory of electroelasticity. Reports of Enlarged Session of the Seminar of I.Vekua Institute of Applied Mathematics , v.4, N2, **1989**, 29-33, (Russian) .
17. **Bitsadze L.** On some solutions of electroelasticity in the two-dimensional case. Proceedings of I.Vekua Institute of Applied Mathematics, v.39, **1990**, 27-35(Russian).
18. **Bitsadze L.** Algorithm of approximate solution of basic boundary value problems of electroelasticity for transversally isotropic half-plane.Proceedings of I . Vekua Institute of Applied Mathematics, v.39, **1990**, 36-47(Russian).
19. **Bitsadze L.** Boundary value problems in the two dimensional theory of electroelasticity . Reports of Enlarged Session of the Seminar of I. N. Vekua Institute of Applied Mathematics, v.6, N2, **1991**, 33-36, (Russian).

20. **Bitsadze L.** The solution of basic boundary value problems of electroelasticity for the elliptic area and for the continuous area with the elliptic hole, Proceedings of I.Vekua Institute of Applied Mathematics, v.46, **1992**, 31-43, (Russian).
21. **Bitsadze, L.** The Cauchy-Riemann generalized conditions in the two-dimensional theory of electroelasticity. Reports of Enlarged Session of the Seminar of I.Vekua Institute of Applied Mathematics, v.8, N2, **1993**, 21-25.
22. **Bitsadze, L.** On some contact problems of electroelasticity in the two-dimensional case, Reports of Enlarged Session of the Seminar of I.Vekua Institute of Applied Mathematics, v.10, N2, **1995**, 7-10.
23. **Bitsadze, L.** First boundary value problem of electroelasticity for a transversally isotropic half-plane with curvilinear cuts, Reports of Enlarged Sessions of the Seminar of I.Vekua Institute of Applied Mathematics, v.12, N2, **1997**, 1-5
24. **Bitsadze, L.** First boundary value problem of electroelasticity for a transversally isotropic plane with curvilinear cuts. International Symposium Dedicated to the 90-th Birthday Anniversary of Academician I.Vekua, Abstract **1997**, pp. 110.
25. **Bitsadze, L.** The first BVP of electroelasticity for the transversally isotropic plane with curvilinear cuts, Georgian Math. J. 6(**1999**), N3, pp. 251-258.
26. **Bitsadze, L.** The basic contact problem for piecewise homogeneous electroelastic body, Reports of Enlarged Sessions the Seminar of I. Vekua Institute of Applied Mathematics, v.14, N2, **1999**, 7-10.
27. **Bitsadze, L.** The second BVP of electroelasticity for the transversally isotropic plane with curvilinear cuts, Proceedings of I.Vekua Institute of Applied Mathematics v. 49, **1999**, 3-13.
28. **Bitsadze, L.** Interface crack problem for electroelastic body, Georgian Math. J.v.7, N2, **2000**, 231-245.
29. **Bitsadze, L.** On some solutions of statics of the theory of elastic transversally isotropic mixtures. Reports of the Enlarged Sessions of the Seminar of I.Vekua Institute of Applied Mathematics, v.16, N1-3, **2001**, 41-45.
30. **Bitsadze, L.** Basic BVP of statics of the theory of elastic transversally isotropic mixtures for half-plane, Reports Seminar of I.Vekua Institute of Applied Mathematics, v.26-27,**2000- 2001**, 79-88.
31. **Bitsadze, L.** The basic BVPs of the theory of transversally isotropic mixtures for a half-plane. III Congress of Georgian Mathematicians, October 11-13, Tbilisi, book of abstracts, **2001**, pp. 20.
32. **Bitsadze, L.** Application of singular integral equations in the boundary value problem of electroelasticity, Georgian Math. J. 9 (**2002**), N 1, 1-12.

33. **Bitsadze, L.** The basic BVPs of statics of the theory of elastic transversally isotropic mixtures for an infinite plane with an elliptic hole. Reports Seminar of I.Vekua Institute of Applied Mathematics, Reports, v.29, **2003**, 46-52.
34. **Bitsadze, L.** The basic BVPs of statics of the theory of elastic transversally isotropic mixtures. IY Congress of Georgian Mathematicians, November 14-16, Tbilisi, book of abstracts, **2005**, pp. 22.
35. **Bitsadze, L.** Third and Fourth BVPs of statics of the theory of elastic transversally isotropic binary mixtures for a half-plane. Seminar of I. Vekua Institute of Applied Mathematics, Reports, vol.31(**2005**), 15-21.
36. **Bitsadze, L.** On explicit solution to the equation system of thermoelasticity. Topical Problems of Continuum mechanics dedicated to the 95-th anniversary of Academician Nagush Kh. Arytyunyan, 25-28 September **2007**, Tsakhadzor, Armenia, 470-473.
37. **Bitsadze, L.** Fundamental solution of the equation system of thermoelasticity. International Conference “Non classic problems of Mechanics”, 25-27.10.**2007**, Kutaisi, pp. 274-278.
38. **Bitsadze, L.** Efficient solution of BVPs of thermoelasticity for half-plane. Bulletin of the Georgian National Academy of Sciences .vol.1 (vol.175) , no.3, **2007**, 26-29.
39. **Bitsadze L.** On some solution of static of the theory of elastic transversally isotropic binary mixtures. AMIM(Appl. Math. Informatics and Mech.), vol.12, N1, **2007**, 15-24.
40. **Bitsadze L.** .Existence theorems of BVPs of the elastic mixture theory. Proceedings of A. Razmadze Mathematical Institute, vol. 148 (**2008**), 5-22.
- 41 **Bitsadze L.** Explicit solution of the first BVP of the elastic mixture for half-space. Memoirs on Differential Equations and Mathematical Physics, v. 45, (**2008**), 75-83.
42. **Bitsadze L.** General representation on solutions of statics of a transversally-isotropic mixture and some of their applications .Bulletin Yerevan State University of Architecture and Construction, International Scientific and Technical Conference “Architecture and Construction-topical problems”,15-18 October Yerevan-Jermuk, Conference proceedings, v.3 ,**2008**, 84-88.
43. **Bitsadze L.** The second BVP of statics for transversally isotropic binary mixtures for an infinite strip, AMIM, vol.13, N2, **2008**, 33-39.
44. **Bitsadze L.** . Explicit solution of the second BVP of the elastic mixture for half-space , Seminar of I.Vekua Institute of Applied Mathematics, Reports, vol. 34, **2008**, 51-55.
45. **Bitsadze L.** The second BVP of statics for transversally isotropic binary mixtures for an infinite strip. 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, Book of Abstracts. pp.65.

46. **Bitsadze L.** The basic BVPs of statics of the theory of elastic binary mixtures for a transversally isotropic plane with curvilinear cuts. International Conference “Analytic Methods of Mechanics and Complex Analyses” dedicated to N.A. Kilchevskii and V.A. Zmorovich of the occasion of their Birthday centenary, Ukraine, Kiev, 29 June 5 July 2009, Book of Abstracts, p.11.
47. **Bitsadze L.** The basic BVPs of statics of the theory of elastic binary mixtures for a half-plane with curvilinear cuts, Bulletin of TICMI, vol. 13, 2009, 1-11.
48. **Bitsadze L.** The second BVP of the theory of elastic binary mixtures for a plane with curvilinear cuts, Seminar of I.Vekua Institute of Applied Mathematics, vol.35, 2009, 1-6.
- 49 **Bitsadze L.** The Dirichlet BVP of the theory of elastic binary mixtures for a transversally-isotropic plane with curvilinear cuts, AMIM, vol.14, N1, 2009, 3-16.
50. **Basheleishvili M, Bitsadze L.** The Dirichlet BVP of the theory of consolidation with double porosity, AMIM, vol.14, N1, 2009, 17-25.
- 51 **M .Basheleishvili , L. Bitsadze** Two dimensional BVPs of the theory of consolidation with double porosity, Memoirs on Differential Equations and Mathematical. Physics, 51(2010), 43-58.
52. **Basheleishvili M, Bitsadze L.** Uniqueness and existence theorems of solutions of the BVPs of the theory of consolidation with double porosity , Bulletin Yerevan State University of Architecture and Construction, 2-nd International Scientific and Technical Conference“ Architecture and Construction-contemporary problems problems”,30 September-3 October, 2010, Yerevan-Jermuk, Conference proceedings, v.2 , .219-225
53. **L. Bitsadze, M. Basheleishvili.** Uniqueness and existence theorems of solutions of two- dimensional boundary value problems of the thoery of consolidation with double porosity, *International Conference GAMM2010*, 22-26 March, 2010, Karlsruhe, Germany, CD of Abstracts.
54. **Basheleishvili M, Bitsadze L.** Explicit solutions of the BVPs of the theory of consolidation with double porosity for the half-space. Bulletin of TICMI, vol. 14, 2010, 9-15.
55. **Basheleishvili M, Bitsadze L.** Explicit solutions of the BVPs of the theory of consolidation with double porosity for the half-space, First International Conference of the Georgian Mathematical Union, September 12-19, 2010, Batumi, Georgia, Book of Abstracts, pp. 65.
56. **L. Bitsadze** The first BVP of thermoelasticity for a transversally isotropic plane with curvilinear cuts, First International Conference of the Georgian Mathematical Union, September 12-19, 2010, Batumi, Georgia, Book of Abstracts, pp. 65.
57. **Basheleishvili M, Bitsadze L.** The Two dimensional Static Problems of Thermoelasticity with Microtemperatures, The First Annual Meeting of the Georgian Mechanical Union, 20-22 December, 2010, Tbilisi, Georgia, Book of Abstracts, pp.8.

58. **M Bashaishvili, L. Bitsadze**, Uniqueness and existence theorems of statics BVPs of the theory of consolidation with double porosity , Seminar of I.Vekua Institute of Applied Mathematics, Reports, vol. 36-37, **2010-2011**, 22-36.
59. **L. Bitsadze**. The basic contact problem for piece-wise homogeneous transversally isotropic thermoelastic body, Reports of Enlarged Session of the Seminar of I.Vekua Institute of Applied Mathematics, v. 24 , **2010**, 21-26.
- 60 **Bitsadze L. Bashaishvili M**, Uniqueness and existence theorems of solutions of two-dimensional boundary value problems of the theory of consolidation with double porosity, PAMM. Proc.Appl.Math.**10**,705-706(**2010**)/DOI 10.1002/pamm.201010337.
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62. **L. Bitsadze** The first BVP of thermoelasticity for a transversally isotropic plane with curvilinear cuts, Bulletin of TICMI, vol.15, **2011**, 47-53.
- 63 **M .Bashaishvili, L. Bitsadze and G. Jaiani**, On fundamental and singular solutions of the system of equations of the equilibrium of the plane thermoelasticity theory with microtemperatures. Bulletin of TICMI, vol.15, **2011**, 5-12.
- 64 **L. Bitsadze**, The Neumann BVP of Thermoelasticity for a Transversally Isotropic Plane with Curvilinear Cuts, Reports of Enlarged Sessions of the Seminar of I.Vekua Institute of Applied Mathematics, v.25 .**2011**, 19-25.
65. **M .Bashaishvili, L. Bitsadze** Solution of the third and fourth BVPs of the theory of consolidation with double Porosity for the sphere, Seminar of I.Vekua Institute of Applied Mathematics, Reports, vol. 36-37, **2010-2011**, 5-15.
66. **M Bashaishvili , L. Bitsadze**. Explicit solution of the BVP of the theory of consolidation with double porosity for half-plane, Georg.Mathem.Journal, v. 19, Issue 1 (March **2012**), 41 – 49.
67. **L. Bitsadze and G. Jaiani**; Existence theorems for the Third and Fourth BVPs of 2D Theory of Thermoelasticity with Microtemperatures, Mechanics of The Continuous Environment Issues, Dedicated To The 120TH Birth Anniversary of Academician Nikoloz Muskhelishvili, **2012**, pp. 99-119, Nova Science Publishers (New York)
68. **M. Bashaishvili , L. Bitsadze** The basic BVPs of the theory of consolidation with double porosity for the sphere. Bulletin of TICMI, vol.16, No. 1, **2012**, 15-26.
69. **L. Bitsadze**. Effective solution of one Boundary Value Problem of the linear theory of Thermoelasticity with Microtemperatures for a spherical ring , Seminar of I.Vekua Institute of Applied Mathematics, Reports, vol. 38, **2012**, 10-21.

70. **L. Bitsadze**. On one BVP of the Theory of Thermoelasticity with Microtemperatures for a Sphere, II International Conference “Nonclassical Problems of Mechanics” 6-8 October, 2012, Kutaisi, Georgia, pp. 57-61.
71. **L. Bitsadze and G. Jaiani**, Explicit Solutions of Boundary Value Problems of 2D Theory of Thermoelasticity with Microtemperatures for the Half-plane Proc. I.Vekua Inst.of Appl. Math. v. 61-62, **2012**, 1-13
72. **L. Bitsadze** Effective Solution of the Neumann BVP of the linear Theory of Thermoelasticity with Microtemperatures for a spherical ring , Georgian International Journal of Science and Technology ,vol. 5 , Issue 1-2 , **2013**, 5-19. Nova Science Publishers, (New York)
73. **L. Bitsadze** Effective Solution of the Dirichlet BVP of the Linear Theory of Thermoelasticity with Microtemperatures for a spherical ring , Journal of Thermal Stresses, 36,issue 7, **2013**, 714-726. (DOI:10.1080/01495739.2013.787851)
74. **L. Bitsadze and G. Jaiani**, Some Basic Boundary Value Problems of the Plane Thermoelasticity with Microtemperatures, Math. Meth. Appl. Sci., **36**, 956–966, **2013** (DOI: 10.1002/mma.2652. **2012**)
75. **L. Bitsadze**. On Some Solutions of the System of Equations of Steady Vibration in the Plane Thermoelasticity with Microtemperatures, Seminar of I.Vekua Institute of Applied Mathematics, Reports, vol. 39, **2013**, 1-12
76. **L. Bitsadze** Boundary Value Problems of the Full Coupled Theory of Elasticity for Solids with Double Porosity for Half-plane , Georgian International Journal of Science and Technology ,vol. 6 , Number 3, **2014**, pp. 205-213, Nova Science Publishers, (New York)
77. **Bitsadze L.** Effective Solution of the Dirichlet BVP of Thermoelasticity with Microtemperatures for an Elastic Space with a Spherical Cavity , Seminar of I.Vekua Institute of Applied Mathematics, Reports, vol. 40, **2014**, 1-13
78. **Bitsadze L.**, On the Representations of Solutions in the Plane Theory of Thermodynamics with Microtemperatures, Bulletin of TICMI, v.18. No. 2, **2014**, 29-44.
79. **I. Tsagareli, L. Bitsadze**, The Boundary Value Problems in the Full Coupled Theory of Elasticity for plane with Double Porosity with a Circular Hole, Seminar of I.Vekua Institute of Applied Mathematics, Reports, vol.. 40, **2014**, 68-79.
80. **I. Tsagareli, L. Bitsadze** Explicit Solution of one Boundary Value Problem in the full Coupled Theory of Elasticity for Solids with Double Porosity, Acta Mechanica DOI: 10.1007/s00707-014-1260-8, Springer-Verlag Wien **2014**.

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82. **G. Jaiani, L. Bitsadze**, Basic Problems of Thermoelasticity with Microtemperatures in the Half-Space, In book Guran Ardeshir, Trisovic, Natasa”Advances in Stability,Vibrations and Control of Mechanical Structures” Ceries “Advanced Structured Materials”,v. 46, Springer **2014**
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84. **I. Tsagareli, L. Bitsadze** , Solutions of BVPs in the fully Coupled Theory of Elasticity for a Sphere with Double Porosity. Bulletin of TICMI,, vol. 19, No. 1, 2015, 26-36,
85. **Bitsadze L, I. Tsagareli**. The solution of the Dirichlet BVP in the fully coupled theory for spherical layer with double porosity, **Meccanica**, DOI: 10.1007/s11012-015-0312-z,
86. **L. Bitsadze. I. Tsagareli**, Solutions of BVPs in the fully Coupled Theory of Elasticity for the Space with Double Porosity and Spherical Cavity, **Mathematical Methods in the Applied Science**, DOI: 10.1002/mma.3629
87. **L. Bitsadze**. Fundamental Solution in the Fully Coupled Theory of elasticity for Solids with Double Porosity, Seminar of I.Vekua Institute of Applied Mathematics, Reports, vol. **41**, **2015**, 21-30
88. **Bitsadze L**. The Boundary Value Problems of the fully Coupled Theory of Elasticity for Solids with Double Porosity for Half-plane, Seminar of I.Vekua Institute of Applied Mathematics, Reports, vol. **41**, **2015**, 10-20
89. **G. Jaiani, L. Bitsadze**. On basic problems for elastic prismatic shells with microtemperatures, DOI:10.1002/zamm 201400172, 2015