

The list of Zaza Tabagari's published scientific works

1. On reduction of the Dirichlet generalized boundary value problem to an ordinary problem for a harmonic function. Proc. A.Razmadze Math. Inst. Vol. 132 (2003), 93-106 . With Z. Tabagari, N. Koblishvili.
2. A method of probabilistic solution to the ordinary and generalized plane Dirichlet problem for the Laplace equation. Science and Computing, Proc. Sixth ISTC Scientific Advisory Committee Seminar, Vol. 2, Moscow (2003), 361-366 . With A. Sh. Chaduneli, Z. A. Tabagari.
3. A computer simulation of probabilistic solution to the Dirichlet plane boundary problem for the Laplace equation in case of an infinite plane with a hole. Bull. Georg. Acad. Sci. Vol. 171, №3, 2005, 437- 440. With A. Sh. Chaduneli, Z. A. Tabagari.
4. On solving the Dirichlet generalized boundary problem for a harmonic function by the method of probabilistic solution. Bull. Georg. Acad. Sci. Vol. 173, №1, 2006, 30-33 . With A.Sh. Chaduneli, Z. A. Tabagari .
5. On solving the interior three-dimensional Dirichlet problem for a harmonic function by the method of probabilistic solution. Bull. Georg.National Academy of Sci., vol. 176, # 1, 2008, 25-27. With A. Chaduneli, Z. Tabagari.
6. On Solving the External three-Dimensional Dirichlet Problems for a Harmonic Function by the Probabilistic Method. Bull. Georg. Natl. Acad. of Sci., vol. 4, #3, (2010), 19-23 . With Z. Sanikidze, Z. Tabagari.
7. VoterBallot - A New Application for ICT in Elections ERCIM NEWS, 2012 Z. Tabagari, Z. Sanikidze, G. Giorgobiani.
8. Elections Management Information Communication System VoterBallot World Academy of Science, Engineering and Technology 69 2012 Z. Tabagari, Z. Sanikidze, G. Giorgobiani.
9. On the Investigation of an Analytical Solution of a Certain Dirichlet Generalized Harmonic Problem. Sem. of I. Vekua Inst. Appl. Math., Rep., 47 (2021),81-86. With M. Kublashvili, Z. Tabagari.
10. On numerical solving of the Dirichlet generalized harmonic problem for regular n-sided pyramidal domains by the probabilistic method. Transactions of A. Razmadze Math. Inst. 176 (2022) issue 1, 123- 132. With M. Kublashvili, Z. Tabagari and N. Koblishvili.
11. On approximate solution of the Dirichlet harmonic problem for an infinitive plane with a cut-type hole. GESJ: Computer Science and Telecommunications, No. 1 (61) (2022), 7-12. With Z. Tabagari and N. Koblishvili.
12. Computer modeling of a probabilistic solution for the Dirichlet generalized harmonic problem in some finite axisymmetric bodies with a cylindrical hole. Bulletin of TICMI 26, 2 (2022), 37-52. With Z. Tabagari, Z. Sanikidze and E. Abramidze.
13. The numerical solution of the external Dirichlet generalized harmonic problem for a sphere by the method of probalistic solution. Mathematics, 11, (3) 539 (2023). [https://doi. Org/10.3390/math11030539](https://doi.org/10.3390/math11030539) (IF). With Z. Tabagari, N. Koblishvili, T. Davitashvili, JM. Sanchez, F. Criado Aldeanuev