

Mamuli Zakradze

Personal Information

Name Surname: **Mamuli Zakradze**
Date of Birth: 1949-01-10
Sex: Male
Citizenship: Georgian
Phone: 591238668
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Education

Academic Degree: Ph.D./Equivalent to Ph.D
Educational Institution: Aspirant at Niko Muskhelishvili Institute of Computational Mathematics of the Georgian Academy of Sciences
Qualification: Mathematician
Date of grant: 1983-05-17
Country: Georgia

Academic Degree: Master's/Equivalent to Master's
Educational Institution: Tbilisi State University, Faculty of Mechanics-Mathematics
Qualification: Mathematician
Date of grant: 1972-05-31
Country: Georgia

Work Experience

Organization: Georgian Technical University, Niko Muskhelishvili Institute of Computational Mathematics
Structural Unit: Department of Computational Methods
Position: Principle Researcher
Date of commencement of work: 2014-07-01
Date of completion of work: till today

Organization: Niko Muskhelishvili Institute of Computational Mathematics
Structural Unit: Department of Computational Methods
Position: Principle Researcher
Date of commencement of work: 1989-04-15
Date of completion of work: 2014-07-01

Organization:	Niko Muskhelishvili Institute of Computational Mathematics
Structural Unit:	Department of Computational Methods
Position:	Researcher
Date of commencement of work:	1986-07-01
Date of completion of work:	1989-04-15

Organization:	Niko Muskhelishvili Institute of Computational Mathematics
Structural Unit:	Department of Computational Methods
Position:	Junior Researcher
Date of commencement of work:	1983-07-07
Date of completion of work:	1986-07-01

Organization:	Computational Center of Georgian Academy of Sciences
Structural Unit:	Department of Approximate Analysis
Position:	Junior Scientific Worker
Date of commencement of work:	1972-09-01
Date of completion of work:	1983-07-07

Projects & Grants

Name of the project/grant:	Application of Singular Integral approximations and fundamental solution methods for the approximate solutions of some classes of boundary value problems #GNSF/ST08/3-390
Position:	Manager (Researcher)
Donor:	Georgian Science Foundation
Leader Organization:	Niko Muskhelishvili Institute of Computational Mathematics
Start End Date:	2009-07-20 - 2011-07-20

Scientific Productivity

[Google scholar](#)

Cited Index: 105

H Index: 7

Conference, Symposium, Award

- 2005-11-14 - M.Zakradze. On Some Aspects of an Application of Approximate Conformal Mapping Functions for Practical Problems. IV Congress of Mathematicians of Georgia, Tbilisi
- 2009-10-09 - M.Zakradze. On one model of reduction of the Dirichlet generalized problem to ordinary problem for harmonic function. V Congress of Mathematicians of Georgia, Batumi/Kutaisi

- 2011-09-09 - M. Zakradze. A method of conformal mapping for solving the generalized Dirichlet problem of Laplace equation. International conference " Continuum mechanics and related problems of analysis", Tbilisi
- 2012-02-29 - M. Zakradze. Computer modelling of white noise and its applications. Second international conference of Georgian Mathematical Union, Batumi,
- 2012-02-29 - M. Zakradze. On numerical solution of some boundary value problems by singulars integrals approximation and modified version of the method of fundamental solutions. 7th Workshop on Advanced Computational Electromagnetics, Karlsruhe, Germany.
- 2013-09-04 - M. Zakradze. On solving the Dirichlet generalized problem for harmonic function in the case of an infinite plane with holes. Second International Conference "Modern Problems in Applied Mathematics", Tbilisi
- 2013-09-09 - M. Zakradze et al. On solving the Dirichlet generalized problem for harmonic function in the case of an infinite plane with a crack-type cut. IV International conference of the Georgian Mathematical Union, Tbilisi-Batumi
- 2018-07-16 - M. Zakradze. The method of probabilistic solution for 3D Dirichlet ordinary and generalized harmonic problem in finite domains bounded with one surface. International Conference on Probability Theory and Mathematical Statistics, Tbilisi, Georgia.
- 2019-09-02 - M. Zakradze. The method of probabilistic solution for determination of electric and thermal stationary fields in conic and prismatic domains. X Annual International Conference of the Georgian Mathematical Union, Batumi, Georgia.
- 2020-09-16 - M. Zakradze. On some aspects of solving boundary problems by the method of conformal mapping The XXXIV International Enlarged Sessions of the Seminar of Ilia Vekua Institute of Applied Mathematics of Ivane Javakhishvili Tbilisi State University, Tbilisi
- 2021-04-21 - M. Zakradze. On the investigation of an analytical solution of a certain Dirichlet generalized harmonic problem. The XXXV International Enlarged Sessions of the Seminar of Ilia Vekua Institute of Applied Mathematics, Tbilisi.
- 2021-08-23 - M. Zakradze, M. Kublashvili et al. On numerical solving of the Dirichlet generalized harmonic problem for regular n-sided pyramidal domains by the probabilistic method. XI Annual International Conference of the Georgian Mathematical Union, Batumi.
- 2022-08-29 - M. Zakradze, Z. Tabagari et al. The Numerical Solutions of the External Dirichlet Generalized Harmonic Problem for a Sphere by the Method of Probabilistic Solution. XII Annual International Conference of the Georgian Mathematical Union, Batumi.
- 2023-09-04 - M. Zakradze, Z. Tabagari et al. The method of probabilistic solution for the Dirichlet generalized harmonic problem in irregular pyramidal domains. XIII Annual International Conference of the Georgian Mathematical Union, Batumi.

Languages

- Georgian
- Russian
- English