

Murman Kublashvili
List of scientific works

#	Title of scientific works	Publishing house, magazine (issue, year) or copyright certificate number	Num ber of pages	Last name of the co-author
1	2	3	4	5
1	On Numerical Solving of Crack Sum	International Scientific Conference "Automatized Systems of Management". Scientific works, Tbilisi, September 27- 28, 1996	p. 28-31	
2	Approximate computing of singular integrals with piecewise differentiable density	Collected papers of international symposium on the problems of thin- walled space systems. Tbilisi. 4-5. 07. 2001	p.125- 131	
3	On Numerical solution of some sums infinite plastin with cracks	Collected papers of international symposium on the problems of thin- walled space systems. Tbilisi, 4-5. 07. 2001	p.132- 136	
4	On Numerical solution of sums of heat-insulated cracks	International Scientific Magazine. "Problems of Applied Mechanics". №4(9) 2002	p.89-91	
5	Approximate computing of integrals in case of open circuits through correcting parameters and some application thereof	Science and technologies, Tbilisi. #10-12, 2002	p. 54- 58.	

6	Numerical solving of the sum with slender profile through singular integral equation	//International Scientific Magazine. "Problems of Applied Mechanics". №2(11) 2003	p.119-122	
7	Numerical solving of one class singular integral equations	International Scientific Magazine. GEN, No. 1, 2003	p. 38-40	
8	Numerical solving of crack sum of longitudinal shear in elastic body	International Scientific Magazine. GEN , No. 1, 2003	p. 41-43	
9	On formation of computing circuit of higher exactness through the method of discrete integrals in case of open circuits	International Scientific Magazine. GEN , No. 1, 2003	p. 44-46	
10	On numerical solving of modified Dirichlet problem in case of open circuits	International Scientific Magazine. "Problems of Mechanics". №4(21) /2005	p.83-91	Z. Kapanadze
11	On numerical solving of Dirichlet problem in case of unknown open boundary curved	"Problems of Mechanics". International Scientific Magazine. Tbilisi, 2005	p. 101-105	Z. Kapanadze T. Kvachadze B. Chankotadze
12	Determination of construction fracture strength degree	Scientific-technical magazine `Mshenebloba` #2, 2006	p. 68-73	M. Tsikarishvili T. Magradze K. Babilodze
13	On numerical solving Dirichlet problem for areas, the boundaries of which are not highly curved	Scientific magazine "Energia", №1(37), 2006		Z. Kapanadze V. Chankotadze
14	Computer Modeling of White Noise and its Applications	II INTERNATIONAL CONFERENCE OF THE GEORGIAN MATHEMATICAL UNION, 09, 2011;		M. Zakradze Z. Sanikidze

15	Computer Modeling of White Noise and its Application (Poster)	The European Future Technologies Conference and Exhibition. Budapest, Hungary, 2011		
16	A Method of Conformal Mapping for Solving the Generalized Dirichlet Problem of Laplace's Equation	Proceedings of A. Razmadze Mathematical Institute, vol. 160, 2012, http://www.rmi.ge/proceedings		Sanikidze Z. Zakradze M.
17	On one model of reduction of the Dirichlet generalized problem to ordinary problem for harmonic function. Several Problems of Applied Mathematics and Mechanics	Nova Science Publishers; Mathematics Research Developments, 2012. https://www.novapublishers.com/catalog/product.php/products_id=33373		Zakradze M. Sanikidze Z. Koblishvili N. Natsvlishvili Z.
18	On solving the Dirichlet generalized problem for a harmonic function on the case of an infinite plane a crack-type cut	The Ninth International Scientific-Practical Conference, Ukraine, 2014; Vinnytsia, VNTU; Georgian Mathematical union, 2013, IV International Conference of the Georgian Mathematical Union		Z. Sanikidze M. Zakradze
19	On approximate solution some Dirichlet generalized problems for cylindrical shells of revolution	Caucasian Mathematics Conference, Tbilisi, September 5 and 6, 2014;		Zakradze M. Sanikidze Z. Koblishvili N.
20	On solving the Dirichlet generalized problem for a harmonic function on	Proceedings of A. Razmadze Mathematical	p. 53-62	Koblishvili N. Sanikidze Z. Zakradze M.

	the case of an infinite plane a crack-type cut	Institute. Vol. 168 (2016)		
21	The method of probabilistic solution for 3D Dirichlet ordinary and generalized harmonic problems in finite domains bounded with one surface	Transactions of A. Razmadze Mathematical institute, V. 172, I. 3, pp. 453-465, 2018, Elsevier BV, Netherlands, DOI10.016/j.trmi.2018.08.005		M. Zakradze B.i Mamporia N. Koblishvili
22	The method of probabilistic solution for 3D Dirichlet ordinary and generalized harmonic problems in finite domains bounded with one surface	Transactions of A. Razmadze Mathematical institute, V. 172, I. 3, 2018, Elsevier BV, Netherlands, DOI:10.1016/j.trmi.2018.08.05.	p. 453-465	L. kakhiani N.Nebieridze M. Tavadze
23	On the numerical solution on the infinite plane two arbitrary oriented cuts (cracks)	.Scientific-technical journal "Building", #2(51), 2019		G. Kipiani M. Zakradze N. Koblishvili A. Chakhvadze
24	The method of probabilistic solution for determination of electric and thermal stationary fields in conic and prismatic domains	Transactions of A . Razmadze Math. Inst. Vol.174 (2020), issue 2, pp. 235-246, Elsevier BV, Netherlands, ISSN 2346-8092		
25	Determining the Dynamic Characteristics of Tower Buildings	Scientific-technical journal "Building", #2(55), 2020		(T. Batsikadze N. Murghulia, J. Nizharadze
26	On Application of Direct Computational Methods to Numerical Solution of Singular Integral Equations with Cauchy Kernel	Seminar of I. Vekua Institute of Applied Mathematics, REPORTS, Vol. 47, 2021, Tbilisi, Georgia	p.46-49	Sanikidze J. Mirianashvili M.

27	On the Investigation of an Analytical Solutions of a Certain Dirichlet Generalized Harmonic Problem	Seminar of I. Vekua Institute of Applied Mathematics, REPORTS, Vol. 472021, Tbilisi, Georgia	p.81-86	Zakradze M. Tabagari Z.
28	On Numerical Solving the Dirichlet Generalized Harmonic Problem for Regular n -Sided Pyramidal Domains by the Probabilistic Method	Transactions of A. Razmadze Mathematical Institute, Vol. 176 (2022), issue 1, ISSN: 1512-0007. Tbilisi, RMI Publ.	P. 123-132.	M.Zakradze Z.Tabagari N.Koblishvili
29	About some Numerical Schemes Constructed for the Calculation of Engineering Details with Cracks	X International Conference of the Georgian Mathematical Union. Batumi Shota Rustaveli State University. Aug 29- Sept. 3, Batumi, Georgia, 2022		Z. Sanikidze Mirian Kublashvili
30	Numerical Schemes for the Calculation of some Engineering Details with Cracks	Scientific-Technical Journal „Building“, #2(62), 2022, ISSN 1512-3936. Tbilisi, GTU Publ.	8 p.	Z.Sanikidze Mirian Kublashvili T.Saghinadze
31	On the numerical solvability of the initial problem with weight for ordinary linear differential systems with singularities	Georgian Mathematical Journal. 27.01.2023. (“IF”) #27		
32	On numerical solutions of crack problems	XIII International Conference of the Georgian Mathematical Union. Batumi Shota Rustaveli State University. September 4-9,		Mirian Kublashvili

		Batumi, Georgia, 2023		
33	Numerical Solution of Thin Profile Circulation Flow Task	Scientific-Technical Journal "Building", #3(67), 2023		Kapanadze Zurtab, Gorjladze Khatia, Macharashvili Gela
34	On the Mathematical Aspects of the Numerical Calculation of Engineering Constructions Weakened by Cracks	Second PMBC'2023 Workshop"Partners Meeting for Better Collaboration", Nov.7 – Nov. 10, 2023	p. 26	Z. Sanikidze T. Saginadze, Mirian Kublashvili
35	On the numerical solvability of the initial problem with weight for ordinary linear differential systems with singularities	Georgian Mathematical Journal ("IF"), T.30, #5, 2023	p. 639- 657	Anjaparidze B. Ashordia M.