

List of scientific works

Doctor, professor, Surguladze Beka

№№	Scientific works Name	Printed, writing	Publisher, journal, issue, year or patent number	pages	Last name of the co- author
1	Some issues of using new spatial constructions of overlapping typical agricultural markets	printed	Proceedings of the XIX Republican Scientific Conference, 1975	0.3	Elg. Medzmariashvili
2	Spatial complex Sprengel construction of overlap	printed	Proceedings of the XIX Republican Scientific Conference, 1975	0.35	E. Medzmariashvili, N. Kiphiani
3	Some issues of construction and calculation of spatially complex Sprengel construction of overlapping	printed	Proceedings of the XIX Republican Scientific Conference, 1976	0.4	—
4	Some methods of strengthening reinforced concrete constructions of frame buildings	printed	Proceedings of the XIX Republican Scientific Conference, 1976	0.45	N. Kiphiani
5	Some issues of calculation and design of Sprengel construction of spatially complex combined roof	printed	Scientific works of the Polytechnic Institute of Georgia #1(192), 1977	3	N. Kiphiani, R. Chaladze
6	A new type of spatially complex (structural) roofing construction	printed	Scientific works of the Polytechnic Institute of Georgia #1(192), 1977	2.5	R. Chaladze

7	Examination of the spatial arch of the eyelash	printed	Scientific works of the Polytechnic Institute of Georgia #1(192), 1977	2.8	A. Sokhadze and others
8	Some issues of calculation and design of reinforced concrete shell of cross-sectional stiffness	printed	Transcaucasia Tech. Prof. of higher schools. M.Sc. XIX scientific. Proceedings of the conference, 1977	0.6	A. Sokhadze and others

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N ^o	Scientific works Name	Printed, writing	Publisher, journal, issue, year or patent number	pages	Last name of the co-author
9	Different types of mesh shells and modeling issues of spherical shells	printed	Proceedings of the XIX Republican Scientific Conference, 1978	0.6	A. Sokhadze
10	Some issues of strengthening of constructions of industrial and civil structures	printed	Proceedings of the XIX Republican Scientific Conference, 1978	0.5	N. Kiphiani
11	Intersecting ridges of hardness, rectangular in plan, trans. Implement a shell. issues	printed	Proceedings of the XIX Republican Scientific Conference, 1979	0.7	A. Sokhadze, R. Asatiani
12	Experimental investigation of a new "amplification device" of helical	printed	Proceedings of the XIX Republican Scientific	0.45	N. Kiphiani, O. Tkeshelashvili

	constructions		Conference, 1979		
13	A new construction of a shell of rectangular and circular outline in plan	printed	Transcaucasia Tech. Prof. of higher schools. M.Sc. XIX scientific. Proceedings of the conference, 1980	0.7	A. Sokhadze,
14	Device for strengthening coil substructures	printed	USSR copyright certificate #765481, Bulletin #35, 1980	4	G. Jikhashvili and others
15	A device for strengthening the coiled construction	printed	USSR copyright certificate #765481, Bulletin #36, 1981	4	I. Manjgaladze and others
16	Roofing shell for buildings and structures of rectangular and circular shape in plan	printed	USSR copyright certificate №815204, Bulletin №11, 1980	5	A. Sokhadze, A. Razmadze
17	Roof construction of buildings and structures	printed	USSR copyright certificate №870627, Bulletin №37, 1981	4	V. Manjgaladze V. Khucishvili and others
18	roofing membrane	printed	USSR copyright certificate №962506, Bulletin №36, 1982	5	—
19	Dome roofing construction	printed	USSR copyright certificate №963130, Bulletin №31, 1982	6	V. Manjgaladze V. Khucishvili

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20	Issues of calculation of geometric characteristics of a square-shaped shell in plan	printed	Scientific works of the Polytechnic Institute of Georgia №1(243), 1981	0.5	A. Sokhadze, N. Kiphiani,
21	Calculation and construction of the overlapping double curvature shell	printed	Proceedings of the Second Transcaucasian Conference on Spatial Constructions, 1984	8	I. Msvenieradze
22	Application of the new construction of the cylindrical shell. Makharadze district medical workers' culture house	printed	Proceedings of the Second Transcaucasian Conference on Spatial Constructions, 1984	8 26	I. Msvenieradze
23	Methodological guidelines for the calculation of the metal frame of a one-story industrial building	printed	Proceedings of the Second Transcaucasian Conference on Spatial Constructions, 1984	82	I. Msvenieradze N. Kiphiani,
24	Construction of prefabricated collapsible vaulted building	printed	USSR copyright certificate №1308725, Bulletin №17, 1987	5	I. Msvenieradze M. Suluashvili
25	Roofing of buildings	printed	USSR copyright certificate №1281649, Bulletin №1, 1987	4	M. Suluashvili and others
26	Calculation scheme and method of the new version of the rectangular roofing mesh shell in the plan	printed	„Mtavlit“ of the Republic of Georgia, №580(89), 1989	11	_____
27	Roofing Sprengel-combinir. Determining the geometric characteristics of the new construction	printed	Scientific works of Polytechnic Institute of Georgia, „ Building constructions" №7(336), 1988	4	Sh. Bakanidze V. Khucishvili
28	Hall type roofing membrane	printed	Architecture and construction	4	_____

			St. In the USSR, Moscow, ``Stoizdat", 1987		
29	A new domed roof structure	printed	Architecture and construction St. In the USSR, Moscow, ``Stoizdat", 1987	3	I. Manjgaladze V. Khucishvili

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30	A new type of roof. Peculiarities of calculation and construction of mesh shell	printed	Theses of the XXXI All-Union Scientific-Technical Conference of Students, Chisinau, 1987	0.6	G. Mskhiladze Z. Kalandadze
31	Calculation and construction of prestressed structural constructions of the new variant	printed	Academician O. Collection of reports of the scientific session dedicated to Onashvili's 75th anniversary, Tbilisi, 1990	1.2	G. Mskhiladze Z. Kalandadze
32	The question of forming mesh membranes	printed	„Mtavlit“ of the Republic of Georgia №681-r90 1990	10	_____
33	Spatial (structural) construction of the roof of a quadrangular building in plan	printed	USSR copyright certificate №1791575, Bulletin №4, 1993	6	G. Mskhiladze Z. Kalandadze V. Khucishvili
34	Methodological guidelines for the	printed	Polytechnic Institute of	86	I. Mshvenieradze N. Kiphiani,

	calculation of the metal frame of a one-story industrial building		Georgia Resolution of the Scientific Council of the Institute, 1992		V. Khucishvili
35	Specifying the influence of spatial performance in the calculation of the frame of industrial buildings	printed	Stu Prof. Theses of the Scientific-Technical Conference of Teachers, Tbilisi 1993	0.6	I. Mshvenieradze N. Kiphiani,
36	Tbilisi #10 power was damaged by fire. Investigating the carrying capacity of load-bearing structures, determining their suitability for further operational loads and developing recommendations	printed	Energy campaign „energy generation", Tbilisi, 1996	5	I. Mshvenieradze I. Melashvili I. Manjgaladze
37	Examination of the carrying capacity of the carrying structures of the main workshops of the Zestafon iron and steel plant, determination of their suitability for further operation and development of recommendations	writing	Contractual work stu, Tbilisi 1993	40	I. Mshvenieradze and others

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38	The results of the scientific research works carried out for the reconstruction of the supporting frames of the main workshops of the Zestafoni Ferroalloys Plant	printed	Prof. of Stu, scientific-technical conference of teachers. theses. Tbilisi 1993	1	I. Mshvenieradze I. Melashvili N. Svianadze
39	Elastic-plastic performance of stretched rods in structures.	printed	Stu, International Symposium on Mechanics of Continuous Bodies, Prob. Report, collection, Tbilisi, 1997.	3	I. Mshvenieradze and others
40	Experimental study of a new type of prestressed eyelash	printed	Science and Technology №10-12, 1998	4	I. Mshvenieradze and others
41	Metal Structures, Part-I	writing	Manual, 1998	120	I. Mshvenieradze
42	Prestressed eyelash	printed	saqpatent. Bulletin №4, patent № 1656 1999	6	I. Mshvenieradze and others
43	Spatial construction of a new type of prestressed roof.	printed	Science and Technology №10-12, 2000	3	I. Mshvenieradze and others
44	Spatial construction of a new type of roofing	printed	saqpatent. Bulletin №11, № 2562 2001 თბილისი.	10	I. Mshvenieradze and others
45	Innovations in the calculation of pre-tensioned lashings with arch-coil In the construction method	printed	Science and Technology №1-3, 2001	4	I. Mshvenieradze and others
46	Suppression of Load-Induced Deformations in Compressed Elements Using the Prestressing Effect	printed	Science and Technology №4-6, 2001	4	G. Partskhaladze
47	Determining the loss of the prestressing force in the cylinder.	printed	Stu, works №4(443). 2002	3	I. Mshvenieradze and others

	In the foothills of the hills				
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48	Investigation, recalculation, conclusion-recommendations of iron- concrete dock constructions of the port of Poti. and drawing up a strengthening project.	writing	Contract work ``Geoengineering" Tbilisi 2002	34	I. Mshvenieradze and others
49	Calculation of the close-looped flexible thread	printed	GEORGIAN ENGINEERING NEWS №1 Tbilisi 2002	3	I. Mshvenieradze Sh. Kvartsava
50	prestressed mast	printed	saqpatent. Bulletin №22, paten 3393, 2004	4	G. Nozadze and others
51	prestressed reservoir	printed	saqpatent. Bulletin №22, paten 3563,2005	4	I.Melashvili, N. Sakhelashvili
52	Reconstruction of buildings and structures	El. version	Help guide Tbilisi 2004 წ. El. version	42	-
53	Reinforcement of coiled cell structures	El. version	Methodological reference, Tbilisi 2003	17	I. Manjgaladze
54	Strengthening of frame constructions	El. version	Methodological reference, Tbilisi 2004	17	I. Manjgaladze

55	Special general course of engineering and construction art (Part XI, Construction constructions of above-ground buildings and special structures)	printed	Textbook, Military Engineering Academy of Georgia, Tbilisi 2005	832 (84)	Edited by Elguja Medzmariashvil
56	Decompression of eccentrically compressed rods by the energy-variation method (semi-probability interpretation)	printed	Republican open scientific conference ``Construction and the twenty-first century` 2005	0.1	I. Mshvenieradze I. Manjgaladze
57	Seismic resistance of reinforced concrete multi-storey building	printed	Dedicated to the 75th anniversary of the Chair of Construction Constructions of the Construction Faculty of Stu. three. Construction of the technical conference and the XXI century. report	4	I. avaliSvili r. bedoSvili

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