

**Georgia Technical University**  
**Structural Integrity Monitoring And Expertise Directions**  
**Associate - Professor**

Scientific Labor List

Badri Son of Gennady Dishwashing liquid

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 ( Last name , first name , middle name) Name )

## pr	Scientific Labor Name	Printed Or Handwriting	Publishing house , magazine ( issue , year ) or Copyright Certificate Number	Printed Tabakhi Or Pages Quantity	Co-author Last name
1	2	3	4	5	6
1.	Multifactorial mathematical and statistical analysis of labor productivity in construction on the example of a trust	printed	State Committee of the USSR on National Education ( Diplom) 1988-89	1	
2.	Thin-walled Leafy Preparation Strained - deformed Condition Analysis Laser – Mechanical When exposed	Printed	Georgia Technical University Labor Collection #9(402) Tbilisi 1993	7	J. Bakhtadze M. Tsikarishvili
3.	Mathematical analysis of stress wave propagation and critical deformations of a thin sheet deformed by a laser-thermal explosion	Printed	Georgia Sciences Revival " Intellect " Foundation . Scientific Labor Collection Intelligence . Tbilisi 1998	4	-
4.	Изучение природы impact of the shock wave on the dividing surface	Printed	International Scientific Journal. Practical problems. Mechanics 2001#2	4	G. Мегревели М. цикаришвил
5.	Object Linear Dimensions Measurement Saw	Printed	Sakpatenti #192 Priority 04.12.1995	4	J. Bakhtadze M. Maisuradze L. Beridze M. Tsikarishvili

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1

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6.	Leafy Materials Unpunchable Stamp Device	Printed	Sakpatenti #249 Priority 04.12.95	4	J. Bakhtadze M. Tsikrishvili L. Beridze
7.	Leafy Materials Unpunchable Stamp Device	Printed	Sakpatenti #250 priority 28.02.1995	5	J. Bakhtadze M. Tsikrishvili L. Beridze
8.	Laser Thermal By explosion Accepted Powerful Valley Diagnostics New Method And Use Results	Printed	Young Scientists And Postgraduate students University Scientific - Technical Conference Of mentions Abstracts October 25-27, 1994 . International	1	M. Tsikrishvili L. Beridze
9.	Laser - mechanical Stamp Process Examination Technological Process Optimization For the purpose .	Printed	Symposium Continuous Body Mechanics About problems Reports Theses 16-19.06 1997	1	M. Tsikarishvili G. Metreveli G. Makasarashvili
10	Diagnostic Centers Construction Prospects In Georgia And Their Optimal Layout And Design Problems	Printed	GTU - S Professors - teachers Scientific – Technical Conference Abstracts November 19 , 1993 Tbilisi	2	M. Tsikarishvili G. Metreveli G. Makasarashvili

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1	2	3	4	5	6
11.	Distributed Momentary Load Implementation Two Rule	Printed	Georgia Sciences Revival Foundation " Intellect " , scientific Labor Collection # 1 Tbilisi 2002	5	N. Berishvili R. Giorgobiani
12.	Analogy Distributed Momentary And Transverse Loads Between	Printed	Georgia Science And Society Development Foundation « Ontelect » . Scientific Labor Collection #3 . Tbilisi 2002	5	N. Berishvili
13.	Construction of control cards of medium pressures and ranges for effective management of the established process of water supply	Printed	International Engineering Academy. Engineering Academy of Georgia No. 2, 2005 Art. 92	4	Z. Tsikhelashvili P. Giorgadze M. Mchedlidze  A. Dolidze
14.	Diagnostic decision rule for evaluating the quality of the water supply system functioning according to the principle "Pump station user"	Printed	GeorgianEngineering News. 2005 #2 (gv. 96).	4	cixelaSvili gujabiZe doliZe manjaviZe WurWelauri

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16.	Methodological issues of building a support system, decision making in the operational management of the water treatment process based on a fuzzy situational approach	Printed	International Engineering Academy. Engineering Academy of Georgia No. 2, 2005	4	Gudjabidze M.R. Hamiuri H N Nozadze M. Sh. The most T
17.	On the building - structure Base - in the foundations Originated Defects Influence	Printed	S. T. U. Scientific and Technical Magazine " Construction " I SS N 1512-3936, #3(6) 2007 ( p . 61)	6	M. Tsikarishvili G. Nozadze I. Kiknadze G. Mezurnishvili B. Churcelauri
18.	The task of completely eliminating the concentration of tension around the hole in the rectangular plate	Printed	S. T. U. Scientific and Technical Magazine " Construction " I SS N 1512-3936, #4(7)2007w. ( gv . 68)	4	I. Zonenashvili R. Imedadze M. Vazagashvili
19.	Calculation and optimization of plates supported by thin stiffening ribs	Printed	S. T. U. Scientific and Technical Magazine " Construction " I SS N 1512-3936, #1(8) 2008w. (gv. 62)	6	I. Zonenashvili M. Katz R. Imedadze G. Metreveli

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20.	Prostrastvennye oscillations of viscoelastic cylinders	Printed	S. T. U. Scientific and Technical Magazine " Construction " I SS N 1512-3936, #4 (11) 2008w. ( gv . 60)	5	M. Vazagashvili G. Metreveli
21.	Setting the problem of oscillations of elastic-viscoelastic mechanical systems and methods of solving them	Printed	S. T. U. Scientific and Technical Magazine " Construction " I SS N 1512-3936, #4 (11) 2008 w. ( gv . 87)	8	M. Vazagashvili G. Metreveli
22.	Rheological characteristics of lightweight concrete mixtures and their dependence on technological factors	Printed	S. T. U. Scientific and Technical Magazine " Construction " I SS N 1512-3936, #3(10) 2008w. ( gv . 62)	4	Khakhutashvili Vazagashvili Metreveli
23.	Deformation of cylindrical hollow shell with straight-line extrusion	Printed	S. T. U. Scientific and Technical Magazine " Construction " I SS N 1512-3936, #3(10) 2008w. (gv. 78)	4	Zonenashvili Imedadze Churchelauri

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24 .	Axisymmetric oscillations of cylinders from material with various parameters of nucleus of shear and volumetric relaxation	Printed	scientific journal of ifto MM ` problems of mechanics' ISSN 1512-0740 #1(34)/2009w. ( gv . 80).	4	Vazagashvili Metreveli Gogaladze
25 .	Harmonious bending oscillations of structural – non-uniform rod system	Printed	scientific journal of ifto MM ` problems of mechanics' ISSN 1512-0740 #1(34)/2009w. (gv. 90).	4	Vazagashvili Metreveli Gogaladze
26 .	A short overview of existing methods of profiling of connected surfaces	Printed	Научно - технический industry Journal " TRANSPORT " ISSN 1512-0910 # 1-2 (33-34)	2	R. Gogaladze T. Kokaiya K. Chkuaseli
27 .	Dam In the crosshairs Extreme Wave Process Characteristic Settings Statistical Evaluation	Printed	S. T. U. Scientific and Technical Magazine " Construction " I SS N 1512-3936, #2 (13) 2009w. ( gv . 106)	13	cixelaSvili meter
28 .	Water Pollution Quality Descriptive Modeling	Printed	S. T. U. Scientific and Technical Journal ` Construction ~ I Shsh N 1512-3936, #2 (13) 2009 ( p . 117)		Snake-like Kirimlishvili Tsikhelashvili Metreveli

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29	Constructive method of building envelopes on the theoretical basis of transformation of tangents	Printed	S. T. U. Scientific and Technical Magazine " Construction " I SS N 1512-3936, #1 (12) 2009 w.( gv . 100)	4	R. Gogoladze Chkuaseli Metreveli
30.	About the deterministic model of the theory of stock management	Printed	Georgian Engineering News No.2 (vol.50), 2009	3	Sokhadze Metreveli Tsikhelashvili
31.	Water supply Systems Functioning Quality Evaluation And Progression Descriptive Modeling Fundamentally	Printed	S. T. U. Scientific and Technical Magazine " Construction " I SS N 1512-3936, #14 2009w.	5	Tsikhelashvili Iconic
32 .	Protection Active And Passive Systems In buildings ( lectures ) (Conspect )	Printed	( Lectures ) (Conspectus )	60	Bakhradz E. Metreveli Manjavudz E
33	Constructions Damage Technical Diagnostics ( state )	Printed	Georgia Technical University . 2009.	174	Tsikarishvili Lagundaridze Zambakhidze Metreveli

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1	2	3	4	5	6
34 .	Methodical Instructions Designing And Qualification Works To prepare Construction Constructions Technical Diagnostics And In the examination ( auxiliary) (Guide )	Printed	Georgia Technical University . 2009.	71	Metreveli
35 .	Special Goods Vibrating And Other Dynamic From the impact Protection Means Processing ( monograph )	Printed	Georgia Technical University . 2009.	133	Vazagashvili Metreveli
36 .	Speedy Video Filming Method Processing In machinery Technological Processes For analysis ( monograph )	Printed	Georgia Technical University . 2009.	120	Bakhtadze Vazagashvili Metreveli
37.	Some aspects of using non-destructive testing methods	Printed	S. T. U. Scientific and Technical Magazine " Construction " I S S N 1 512-3936, 2014 w. # 3 ( 34)	8	N. Murghulia B. Churchelauri T. Maghradze Z. Churchelauri

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1	2	3	4	5	6
38	Ductile-plastic state of thin-walled structures with rectangular slits	Printed	Abstracts of the reports 25-26 May. Tbilisi 2015.	2	B. Churchelauri
39	Algorithm and Program of Analysis of Task of Definition of Dynamig Characteristics of Structurally Inhomogeneous	Printed	14th international conference modeling in mechanics 2016	4	M. Vazagashvili B. Churchelauri Z. Churchelauri
40	A кустические волны в isotropic In solids Forced oscillations of the rod system	Printed	S. T. U. Scientific and Technical Magazine " Construction " I SS N 1 512-3936, 201 6w. #2(41 )	3	M. Vazagashvili B. Churchelauri Z. Churchelauri
41	The speed of angular mode in a p-isoxramic wedge-shaped wave	Printed	S. T. U. Scientific and Technical Magazine " Construction " I SS N 1 512-3936, 201 7w. #2(45)	4	M. Vazagashvili B. Churchelauri Z. Churchelauri S. Japaridze
42	Mode of deformation of cylindrical shells	Printed	S. T. U. Scientific and Technical Magazine " Construction " I SS N 1512-3936 # 3(46)2017	3	M. Vazagashvili B. Churchelauri Z. Churchelauri
43			Problems of earthquake resistance in cultural heritage monuments protection and civil engineering. Proceedings of II international conference " seismic-2018 " Tbilisi, Georgia . 30.06.2018-1.07.2018		B. Churchelauri Z. Churchelauri A. Tkeshelashvili

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9

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1	2	3	4	5	6
44	Modeling of the reinforced concrete axisymmetric plates fracture at action of static loads	Printed	Problems of earthquake resistance in cultural heritage monuments protection and civil engineering. Collection of abstracts of II International Conference " seismic - 2018 " Tbilisi Georgia . 30.06.2018- 1.07.2018	2	B. Churchelauri G. Tkeshelashvili
45	MODE OF DEFORMATION OF CYLINDRICAL SHELLS	Printed	Problems of earthquake resistance in cultural heritage monuments protection and civil engineering. Collection of abstracts of II International Conference " seismic - 2018 " Tbilisi Georgia . 30.06.2018- 1.07.2018	4	B. Churchelauri Z. Churchelauri A. Tkelashvili
46	Numerical modeling of failure of axisymmetric reinforced concrete panels.	Printed	10th International Conference of the Georgian Union of Mathematicians Collection of theses Batumi 2-6 September 2019	3	B. Churchelauri Z. Churchelauri A. Tkelashvili

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10

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1	2	3	4	5	6
47	Practical method for calculating a rectangular plate considering the calculation scheme	Printed	II International Symposium Seismicity and Engineering Seismology Collection of reports 16.01.2019-17.01.2019 Tbilisi.	2	B. Churtselauri A. Tkeshelashvili
48	Practical method for calculating a rectangular plate considering the calculation scheme	Printed	II International Symposium Seismicity and Engineering Seismology Abstracts of reports 16.01.2019-17.01.2019 Tbilisi.	2	B. Churchelauri A. Tkeshelashvili
49	Mathematical model of a fiber-optic force and pressure transducer.	Printed	Transport and mechanical engineering #2 (57) 2023		
50	AIR PROPELLER WITH INCREASED ENERGY EFFICIENCY.	Printed	BUILDING ( scientific - technical journal # 3 ( 6 7) 2023		
51	Technology for producing multilayer composite materials.	Printed	Georgian Mechanics Union XV Annual International Conference . Theses Collection . 29.08.2024-31.08.2024.		

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11

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1	2	3	4	5	6
52	STABILITY OF THIN-WALLED SPATIAL STRUCTURES WITH VARYING PARAMETERS .	Printed	PROBLEMS OF ENGINEERING SCIENCES GEORGIA BATUMI .2025		

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12

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