

# list of scientific papers

2012-2023years

Mchedlishvili Zurab

#	titles of scientific papers	liver or manuscript	publishing house, magazine, issue, year	number of pages	family of the co-author
1	influence of the plasma-forming medium on the operating life of the cathode	printed	G. T. U a collection of worksE № 1(486)2012.	5	Sulamanidze Artur Sabashvili Zurab
2	analytical outflow of the volt-ampere characteristic of the welding unit	printed @-@	engineering novelties of Georgia №3 2012	7	Sulamanidze Artur Sabashvili Zurab
3	plasma cutting technology of high-strength fibrous composites	printed	engineering novelties of Georgia №1(65) 2013w	4	Sulamanidze Artur Sabashvili Zurab
4	intensification of plasmatron nozzle cooling	printed	G. T. U a collection of worksE № 1(487)2013	4	Sulamanidze Artur Sabashvili Zurab
5	Inverse geometry and kinematic analysis of tripod mechanisms	printed	Translations of the international conference in lie groups, differen-		D. Tavkheldidze

			tial equations and geometry. June 10-22, 2013, Batumi, Georgia.  Volume II	68-74 pp.	M. Razmadze
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6	kinematics and force analysis of the multi-link mechanism	printed	Georgian Technical University E 2015	187	D. Tavkhelidze MM. Razmadze
7	analysis of electromagnetic oscillations occurring in single-phase asynchronous motors	printed	EG. T. U energy # 1 (77) 2016	33-37	Sabashvili Zurab Bagdavadze Gela
8	self-excited current oscillation analysis arising in repulsive engines	printed	EG. T. U energy # 2 (78) 2016	49-53	
9	the composition of differential equations describing the operation of collectorengines	printed	EG. T. U energy # 3 (79) 2016	41-45	

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10	mathematical model describing operation in transient mode of colector engines	printed	G. T. U transport and mechanical engineering E # 3 (37) 2016	200-205	
11	self-excitation analysis of the compensated series motor	printed	EG. T. U energy # 1 (81) 2017	44-47	
12	dynamics of the machine unit which contains an elastic shaft	printed	G. T. U transport and mechanical engineering # 2 (39) 2017	39-44	Sabashvili Zurab Bagdavadze Gela Tediashvili Lia
13	On the issue of optimization synthesis of an adaptive drive system with elastic connections in mechanical part	printed	G. T. U transport and mechanical engineering E # 2 (39) 2017	31-38	Mchdlishvili T. Surmava Z. Marsagishvili L.

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14	analysis of the stress-strain state of a rotating parabolic disk	printed	G. T. U construction # 1 (44) 2017	146-148	Tabatadze Anna
15	temperature distribution in heated bodies of disk shape	printed	G. T. U construction # 2 (45) 2017	110-112	Tabatadze Anna
16	calculation of the strength of the virendel-type frame	printed	G. T. U construction # 3 (46) 2017	4	Lali. Korganashvili
17	fundamentals of the theory of automatic regulation	printed	Georgian Technical University 2017	160	Bagdavadze Gela

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18	<b>GGeometry and kinematics of tripod mechanisms</b>	printed	G. T. U a collection of worksE # 4 (506) 2017	15	<b>D. Tavkhelidze</b>
19	nonlinear stress-strain state of the axisimetric rotating disk	printed	G. T. U constructionE # 3 (52) 2019	4	Marina Losaberidze Lali. Korganashvili
20	Force analysis of stair climber's running gear	printed	G. T. U a collection of worksE # 3 2020 .	8	David Tavkhelidze
21	the problem of the stability of the sector plate is shear-slave.	printed	G. T. U construction # 2 (55) 2020.	8	Lali. Korganashvili

#	titles of scientific papers	liver or manuscript	publishing house, magazine, issue, year	number of pages	family of the co-author
22	symmetrical bending of the low stiffness rod under the influence of concentrated forces	printed	G. T. U construction # 3 (56) 2020წ.	6	Lali. Korganashvili
23	determination of stressed-deformed state of pre-tensioned structure working for bending	printed	G. T. U construction # 4(57) 2020 წ.	4	Lali. Korganashvili
24	On the performance of the Stirling engine in comparisons With other internal combustion engines.	printed	G. T. U transport and mechanical engineering #1 (50) 2021წ.	7	Djichvadze I.
25	Synthesis of promising metal alloys based on nickel used in mechanical engineering and power engineering	printed	G. T. U transport and mechanical engineering # 1 (50) 2021.	4	Djichvadze I.

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26	determination of the stressed-deformed state of the heated arch	printed	G. T. U construction # 2 (58) 2021.	5	Lali. Korganashvili
27	Metals with shape memory and their physical and mechanical properties	printed	G. T. U Georgia Oil and Gas # 34 2021 .	4	Nana Rachvelishvili
28	Structure and properties of new nickel alloys and their application in mining and other technical fields	printed	G. T. U Georgia Oil and Gas # 34 2021 .	4	Nana Rachvelishvili
29	Analysis of operation of various circuits of electrical relaxation oscillation generators.	printed	G. T. U energy # 3 (55) 2021 .	6	Djichvadze I.

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30	Electrical Circuit Calculations with Inductive Coupling by Equivalent Loop Method	printed	G. T. U energy # 3 (55) 2021 .	6	Djichvadze I.
31	Calculation of vineyard hail protection device	printed	G. T. U a collection of works # 3 2020 .	10	D.Tavkhelidze
32	Determination of constructive parameters of stair climber's running gear	printed	G. T. U a collection of works # 2 2021 .	10	D.Tavkhelidze, M.Janikashvili
33	calculation of the strength of the curvilinear frame	printed	G. T. U construction # 3 (59) 2021 .	4	L. Korganashvili



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34	Metals with shape memory and their physical and mechanical properties	printed	Journal of the Academy of sciences # 4 2021 .	10	M. Tavkhelidze
35	problem of equal strength of thin-walled conical shel	printed	G. T. U construction # 4 (60) 2021 .	4	L. Korganashvili
36	Determination of stress-strain state of beam of variable cross-section rigidly sealed at ends	printed	G. T. U transport and mechanical engineering # 2 (51) 2021 .	8	Losaberidze M. Djichvadze I.
37	Study of epicyclic mechanism kinematics	printed	G. T. U transport and mechanical engineering #2 (51) 2021 .	7	

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38	Kinematic analysis of a gear-lever two-wheel articulated four-link.	printed	G. T. U transport and mechanical engineering #2 (51) 2021 .	6	
39	Studies of resistivity of the stepped rod loaded at the ends with axial compressive forces.	printed	G. T. U Georgia Oil and Gas # 34 2021 .	7	
40	Temperature stresses in the parts of mining machines having the shape of bodies of rotation	printed	G. T. U mining magazine N 1 (45) 2022 .	5	Losaberidze M. Djichvadze I.
41	electromechanical drive systems	printed	2020 .	80	Kiria Vaja
42	applied elasticity theory	printed	2018 .	80	Mchedlishvili Tamaz
42	Calculation strength of multilayer beam rectangular cross section	printed	G. T. U mining magazine N 1 (45) 2022 .	4	Shurgaia Irakli. Losaberidze Marina
43	Investigation of the kinematics of the epicycloids mechanism	printed	G. T. U transport and mechanical engineering N3 (55) 2022	8	Elerdashvili Irma. Tediashvili Lia.

