

## LIST OF SCIENTIFIC WORKS

### LOSABERIDZE MARINE

##	Title of scientific works	Printed or manuscript	Publishing house, magazine (issue, year) or copyright certificate number	Number of printed plates or pages	Last name of the co-author
1	2	3	4	5	6
1.	To the study of the mechanism of the destruction of rocks when pressing the instrument. Academy of Sciences of the USSR	Printed	Institute of problems of complex foundation of soil. Tensions and deformations in rock massifs during development of mineral deposits. Moscow. 1988. pp. 95-101.	8	T. Iamanidze
2.	On the issue of determining the probable direction of cracks during the destruction of a tool with a half-space	-	Reports of the Georgian Academy of Sciences. 137, No. 1. 1990. p. 117-120.	4	T. Iamanidze
3.	On the assessment of the possible tilt and rotation of the die during the interaction of the tool with the rock. Studying the stressed state of an elastic half-plane	-	Institute of Mining Mechanics G. Tsulukidze, Georgian Academy of Sciences, preprint, 1993.	4	T. Iamanidze
4.	Study of the equilibrium of a rigid stamp on a contact surface in the presence of friction	-	Institute of Mining Mechanics G. Tsulukidze, Georgian Academy of Sciences, preprint, 1993.	5	T. Iamanidze
5.	For the problem of dynamic action of vertical load on the elastic half-plane boundary	-	Bulletin of the Georgian Academy of Sciences, 137, # 1, 1996. p. 121-124.	4	T. Iamanidze
6.	Study of Half-Plane Stress Positcos Caused by Instrument	-	Bulletin of the Georgian Academy of Sciences 155, #3. 1997. p. 336-339.	3	T. Iamanidze
7.	On the problem of Dynamic Action with a Vertical Load on the Elastic Half-Plane Boundary	-	Bulletin of the Georgian Academy of Sciences 155, #3. 1997. p. 336-339.	3	T. Iamanidze
8.	On the problem of elastic Halfiplane Excitation Caused by the Motion of Lumped Forses	-	Bulletin of the Georgian Academy of Sciences 160, # 1. 1999. p. 38-41.	4	T. Iamanidze

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9.	On the stressed the Plastic Half-Plane Caused by the Stamps Moving at a Constant Speed	-	BGA.161. № 3 2000. p.410-412.	3	T. Iamanidze
10.	Elastic half-plane perturbation induced by stamps moving at constant speed	-	Proceedings of the International Symposium on Problems of Thin-Walled Spatial Systems. Georgia. Tbilisi Technical University 4-5.07, 2001. p. 149-153	5	
11.	On the stressed the Plastic Half-Plane Caused by the Stamps Moving at a constant speed	-	BGA. 164. # 1. 2001. pp.35-38.	4	T. Iamanidze
12.	On Dynamic effect Caused by stamps Moving on the Boundary of Elastic Body	-	BGA. 164. # 2. 2001. pp.247-250.	4	T. Iamanidze
13.	On the Problem of the Action on the Stamp Mowing with Constant Velocity Along Elastic Semi Plane and the Effect of Loud Existing	-	BGA. 165. # 3. 2002. pp.482-484.	3	T. Iamanidze
14.	Schemes of Numerical Realization of the problems of the Interaction between a System of Two Rigid	-	BGA. 168. 2003. pp.23-27	4	T. Iamanidze, K. Ninidze, G. Silagadze
15.	Effect of two moving stamps on the stress state of an elastic half-plane	-	ISSN 0130-7061 Effect of two moving stamps on the stress state of an elastic half-plane	3	T. Iamanidze
16.	The effect of a moving stamp on an orthotropic half-plane in the presence of friction force	-	International Conference "Problems of continuum mechanics" Proceedings. Tbilisi 2007, 27-28 October, pp. 42-46	5	D. Gorgidze
17.	The influence of the load acting outside the moving stamp on the stress state of the orthotropic half-plane	-	International Conference "Problems of mechanics of continuous bodies". Proceedings. Tbilisi, 2007, October 27-28, p. 59-64	6	T. Batsikadze T. Kobidze
18.	The uniform nature of artificial (rock bursts) and natural (tectonic) earthquakes	-	International Conference "Problems of continuum mechanics" Proceedings. Tbilisi 2007, October 27-28. pp.140-145	6	Yu. Rekhviashvili V. Lortkipanidze

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19.	On the issue of the possibility of short-term forecasting of natural and artificial earthquakes	-	International Conference "Problems of continuum mechanics" Proceedings. Tbilisi 2007, October 27-28. pp.146-149	4	Yu. Rekhviashvili V. Lortkipanidze
20.	On the issue of calculating the detonation speed of an explosive charge as one of the main parameters that determine the nature of the explosive destruction of rocks	-	International Conference "Problems of continuum mechanics" Proceedings. Tbilisi 2007, October 27-28. pp. 168-172	5	T.Elizbarashvili V. Lortkipanidze
21.	Impact of Two Moving Stamps of an Elastic Half-Plane	-	Bulletin of the Georgian Academy of Sciences. Vol. 175, n. 4, 2007, p.p. 55-57	3	T. Iamanidze
22.	On Excitation of Orthotropic Half-Plane Caused by Concentrated, Moving on the Boundary	-	Bulletin of the National Academy of Sciences of Georgia, vol. 2, # 3, 2008, p. 43-47.		T. Iamanidze
23.	Disturbance propagation across a homogeneous orthotropic half-plane due to shear forces acting on its boundary	-	TGU Works. № 2 (468), 2008. pp. 17-20.	4	D. Gorgidze, M. Metsugishvili
24.	Study of the stress-strain-deformed state of a multi-layered body during compression of a rigid stamp on the boundary	-	"Mining journal", Tbilisi, #1 (22), 2009. p. 14-16.	3	T. Iamanidze
25.	Description of the process of mechanical rock failure in the massif under the influence of dynamic loads on the boundary	-	Collection of works "Applied Mechanics". Technical University of Georgia, 2010. p. 49-53.	5	
26.	Dynamic task of mechanical failure of rocky rock	-	Scientific-technical magazine "Construction". # 2(17), 2010. International Science. Collection of works of the technical conference "Problems of construction mechanics"		D. Gorgidze

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27.	On Dynamic Effect Caused by Moving Punches on Elastic Half-Plane with the Account of Friction Force	-	Georgian National Academy of Sciences. Bulletin. vol.4, no.3, 2010. pp.39-43.	5	T. Iamanidze
28.	The Problem of Pressing an Orthotropic Half-Plane by Constant-Velocity Rigid Stamp. Mechanics of the Continuous Environment	-	Issues: Dedicated to the 120th Birth Anniversary of Academician Nikoloz Muskhelishvili. 2011.	3	
29.	The Problem of Pressing an Orthotropic Half-Plane by Constant-Velocity Rigid Stamp	-	In: Mechanics of the Continuous Environment Issues: Dedicated to the 120th the Birth Anniversary of Academician Nikoloz Muskhelishvili, Editor: Ivane Gorgidze, Nova Science Publishers, Inc., 2012. pp. 65-73.	9	
30.	Determining the direction of crack generation and propagation during dynamic loading of rocky rock	-	"Science and Technologies", 2014, Tbilisi, p. 52-55	5	T. Iamanidze, M. Tutberidze
31.	Algorithms and computer program for determining the optimal values of working and structural parameters of mechanical-pneumatic dampers for safe operation of pressure hydraulic transport systems	-	"Scientific and technical" Journal "Construction", No. 1(36), Tbilisi. 2015, p. 66-70	5	L. Makharadze, S. Steriakova
32.	Elastic-plastic half-plane stress caused by periodic normal loading	-	"Mining Journal", №2(37), Tbilisi, 2016. №3. 72-74	3	-
33.	Determination of the Stress Field the Brittle Rock Caused by Quasi-Static Load	-	Transactions of the VSB Civil Engineering Series. Vol. 16, №1, paper#8. Technical University of Ostrava, 2016. №3. 57-60	4	M.Vazagashvili , M.Tutberidze

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34.	The Rock Directed Breaking under the Impulse Load. A Handbook of Mathematical Methods and Problem-Solving Tools for Introduction Physics	-	World Multidisciplinary Earth Science Symposium, WMESS 2016, 44(2016) 051005	7	S. Khomerik, E. Mataradze, N. Chikhradze, D. Khomerik, G. Shatberashvili
35.	Elastic plastic stress state of a cylindrical tube placed in an elastic medium	-	"Energia", Tbilisi, No. 2(82), 2017. p. 91-93	3	G. Bagaturia
36.	Elaboration of the Charge Constructions of Explosives for the Structure of Facing Stone	-	World Multidisciplinary Earth Science Symposium, WMESS 2017, 95(2017) 042032	7	S. Khomeriki, E. Mataradze, N. Chikhradze, D. Khomeriki, G. Shatberashvili
37.	Improving the methods of determining the working capacity of an explosive substance	-	"Energia", Tbilisi, No. 4(88), 2018. p. 46-50	4	S. Khomeriki, D. Khomeriki
38.	Nonlinear stress-deformed state of an axisymmetric rotating disk	-	"Construction", Journal, N4, 2019		Z. Mchedlishvili, L. Korganashvili
39.	Comparative analysis of existing methods for calculating the stability of block-type consequential landslide bodies	-	"Mining Journal", No. 1(43), Tbilisi, 2020. p. 65-76		L. Japaridze, T. Gobejishvili, S. Demetrashvili
40.	For the role of rheological parameters of rocks in geotechnical tasks	-	6 <sup>th</sup> International Scientific-Practical Conference, "Development of mining and geology is a prerequisite for economic revival", September 24, 2020.		L. Japaridze, T. Gobejishvili, S. Demetrashvili
41.	Determining the coefficient of stability of consistent type landslide-prone blocks under the combined effects of gravity and seismic forces	-	"Mining Journal", No. 1(44), Tbilisi, 2021. p. 7-16		L. Japaridze, T. Gobejishvili, S. Demetrashvili
42.	Determination of the stress-strain state of a rigid variable-section beam embedded at the ends	-	Journal "Transport and Machine Building", Tbilisi, No. 2(51), 2021, p. 67-71.		Z. Mchedlishvili, I. Dzikhvadze
43.	Thermal stress in parts of mining machines having a rotational shape.	-	"Mining Journal", No. 1(45), Tbilisi, 2022. p. 40-42		Z. Mchedlishvili, I. Dzikhvadze
44.	Calculation of the strength of a multilayer beam of rectangular cross-section		"Mining Journal", No. 1(45), Tbilisi, 2022. p. 84-87		Z. Mchedlishvili, I. Shurgaya

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45.	The influence of external loading on the stress state of the rock	-	Georgian Technical University. From the series of monographs "Environmental Ecology". European innovative technologies in environmental engineering. Tbilisi, 2022 chapter 7, paragraph 7.14., p. 842-855.		Z. Jangidze, N. Kikadze
46.	Pressing the working body of the mining machine against the rock surface		International Scientific Journal "Problems of Mechanics", №1 (90), Tbilisi, 2023, p.53-56		