

List of scientific works

ALEQSANDRE LEBANIDZE

(First name, last name)

##	Title of scientific work	Printed or manuscript	Publishing, Journal (number, year) of number of Invention	Number of printed pages	Co-authors
1	2	3	4	5	6
1.	Increasing the seismic resistance of multi-story frame buildings using short diaphragms	Printed	Proceedings of GTU, N1 1996	4	D.javakhishvili; L. Kakhiani
2.	Increasing the number of storeys in a building in seismic areas with using portal ram	Printed	Earthquake-resistant construction,ref. collection,Moscow 1994	5	M.Marjanishvili
3.	Application of vibration dampers for suppressing seismic vibration of multistory buildings built on portal frame	Printed	IWEF Meeting on Structural Damping. Japan, 1995	5	M.Marjanishvili
4.	The study of the problems connected with the vibration of the multistory building built on the portal frame by use of the seismic platform	Printed	11th World Conference on Earthquake Engineering. Mexico, 1996	6	M.Marjanishvili
5.	Reconstruction of old houses using seismoprotective systems	Printed	11th European Conference on Earthquake Engineering. France, 1998	5	M.Marjanishvili
6.	Suggestions for calculating the spatial seismic impact of frame buildings	Printed	Collection of Works of the Institute of Construction Mechanics and Seismic Resistance of the Academy of Sciences N1, Tbilisi 2000	6	M.Marjanishvili, E.Khardzeishvili
7.	Hod of reconstruction strengthening of old buildings	Printed	Symposium on connections between steel and concrete. Stuttgart, Germany, 2001	9	M.Marjanishvili T.Zuzadze D.Ramishvili
8.	Some methods of strengthening a building with reduced bearing capacity	Printed	Collection of Works of the Institute of Construction Mechanics and Seismic Resistance of the Academy of Sciences N2, Tbilisi 2002		M.Marjanishvili T.Zuzadze D.Ramishvili

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9.	For calculation of masonry and non-masonry elements	Printed	GTU, Tbilisi, 2002	48	L.Balanchivadze; G.Maisuradze
10.	suppression of seismic oscillations	Printed	copyright certificate N119, Tbilisi, 1996	4	
11.	Calculation of a building with a tall first floor on vertical seismic impact	Printed	International Symposium "Seismic Resistance and Engineering Seismology" Publishing House of Stu, Tbilisi, 1999	1	E.Khardzeishvili
12.	Assessment of expected damages of frame buildings in case of seismic impact	Printed	International Symposium „Seismic Resistance and Engineering Seismology“ Publishing House of Stu, Tbilisi, 1999	1	M.Marjanishvili, E.Khardzeishvili
13.	Methodical reference for calculation of inter-floor overlap of monolithic reinforced concrete	Printed	GTU, Tbilisi, 2005	61	L. Kakhiani; Z.Khidirbegishvili D.Vardiashvili
14.	Restoration of Bagrat temple, strengthening construction the concept of events	Printed	Reports of the scientific-technical conference „Construction and the twenty-first century“ dedicated to the 75th anniversary of building constructions, Tbilisi 2005	1	A. Sokhadze
15.	Short course of reinforced concrete constructions (lecture synopsis)	Printed	Direction of construction constructions of GTU, Tbilisi 2009	157	L. Kakhiani; L.balanchivadze and
16.	Calculation of a multistorey reinforced concrete frame building (methodological reference)	Printed	"Technical University" Tbilisi 2010	41	L. Kakhiani; L.balanchivadze and

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17	Some proposals for drawing up new standards for “construction in seismic areas”	Printed	Reports of the scientific-technical conference „Construction and the twenty-first century“ dedicated to the 75th anniversary of building constructions, Tbilisi 2005	8	M.Marjanishvili, D.Ramishvili
18.	Methods of increasing seismic resistance of frame buildings	Printed	Scientific-technical journal “BUILDING” # 2 (13), 2009, 39-42p.	6	L. Kakhiani; R.ckhvedadze; Z.Khidirbegishvili
19.	Reinforced concrete constructions Part II (manual)	Printed	"Technical University" Tbilisi 2012	91	L. Kakhiani; L.balanchivadze and
20.	Restoration and strengthening of the church named after St. George of Jruchi	Printed	Scientifictechnical journal “BUILDING” # 4 (27), 2012,	3	L. Kakhiani; I.Tefnadze; L.Verulashvili
21	Ensuring the seismic resistance of a high-rise reinforced concrete frame building using seismic isolation systems	Printed	Scientifictechnical journal “BUILDING” # 1 (27), 2012,	4	L. Kakhiani; L.balanchivadze; I.Saladze
22.	High-rise reinforced concrete frame buildings with a rigid core and features of its operation	Printed	Scientifictechnical journal “BUILDING” # 1 (28), 2013,	4	L. Kakhiani; G.Maisuradze; I.Lomidze
23.	Use of prestressed reinforced concrete structures in modern construction and its economic effect	Printed	Scientifictechnical journal “BUILDING” # 3 (30), 2013,	4	L. Kakhiani; G. javakhishvili; I. Khartishvili;

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