

№	TITLES OF SCIENTIFIC PUBLICATIONS	PRINTERD OR HANDWRIT TEN	PUBLISHING HOUSE, MAGAZINE (ISSUE NUMBER, DATE) NUMBER OF CERTIFICATION OF AUTHORSHIP	NUMBER OF PRINTED PAGES	CO-AUTHOR'S LAST NAME
1	2	3	4	5	6
1	A new design variant of the large deployable space reflector.	Conference	Earth & Space, League City/Houston, Texas, USA, 2006.	5	E. Medzmariashvili, Sh. Tserodze, N. Tsignadze, L. Datashvili, A. Sarchimelia, K. Chkhikvadze, N. Siradze, G. Bedukadze.
2	News space reflex structures.	Printed	“Problems of Mechanics”. Tbilisi, № 1(30), 2008.	7	E. Medzmariashvili, Sh. Tserodze, N. Siradze, A. Sarchimelia, N. Tsignadze.
3	Structure and kinematic analyses of arch transformed structure.	Printed	“Problems of Mechanics”. Tbilisi, № 1 (30), 2008.	9	E. Medzmariashvili, V. Gogilashvili, N. Siradze, N. Tsignadze.
4	Deployable 48 m span assault bridge.	Printed	“Problems of Mechanics”. Tbilisi, № 2 (31), 2008.	15	E. Medzmariashvili, V. Gogilashvili, N. Tsignadze, G. Bedukadze, G. Medzmariashvili.
5	Kinematical analysis and structure of deployable 48 m span bridge.	Printed	Scientific-Technikal Journal “Building”, Tbilisi, №1(12), 2009.	12	E. Medzmariashvili, V. Gogilashvili, N. Tsignadze, G. Bedukadze, N. Siradze, G. Medzmariashvili.
6	New variant of the deployable ring-shaped space antenna reflector.	Printed	“Space Communications”, №1 (22),2009.	8	E. Medzmariashvili, Sh. Tserodze, V. Gogilashvili, A. Sarchimelia, K. Chkhikvadze, N. Siradze, N. Tsignadze, M. Nikoladze.

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7	New types of high-precision deployable space reflectors.	Printed	International Scientific Conference – Advanced Lightweight Structures and Reflector Antennas, European Space Agency, Technische Universität München, Georgian Technical University, 14-16 October 2009, Tbilisi, Georgia.	6	E. Medzmariashvili, Sh. Tserodze, N. Tsignadze, K. Chkhikvadze, M. Djanikashvili, N. Khatiasvili, N. Siradze.
8	Transformable rod shell's surfaces.	Printed	International Scientific Conference – Advanced Lightweight Structures and Reflector Antennas, European Space Agency, Technische Universität München, Georgian Technical University, 14-16 October 2009, Tbilisi, Georgia.	7	-
9	Structure and kinematical synthesis of transformed systems mechanisms.	Printed	International Scientific Conference – Advanced Lightweight Structures and Reflector Antennas, European Space Agency, Technische Universität München, Georgian Technical University, 14-16 October 2009, Tbilisi, Georgia.	10	V. Gogilashvili, E. Medzmariashvili, Sh. Tserodze, N. Tsignadze.
10	Structural analysis of the spatially transformable system mechanisms.	Printed	“Problems of Mechanics”. Tbilisi, № 2 (39), 2010.	11	V. Gogilashvili, E. Medzmariashvili, N. Tsignadze, Sh. Tserodze, L. Philipenko.
11	A single-span dual transformation deployable bridge.	Printed	“Problems of Mechanics”. Tbilisi, № 3 (40), 2010.	7	E. Medzmariashvili, V. Gogilashvili, N. Tsignadze, L. Philipenko, G. Medzmariashvili.
12	Schematic structural diagram of the deployable bridge and load-bearing conditions analysis of the system.	Printed	“Problems of Mechanics”. Tbilisi, № 4 (41), 2010.	6	V. Gogilashvili, E. Medzmariashvili, N. Tsignadze, G. Medzmariashvili.

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13	Structure and kinematic analysis of transformable force ring.	Printed	“Problems of Mechanics”. Tbilisi, № 4 (41), 2010.	6	V. Gogilashvili, E. Medzmariashvili, Sh. Tserodze, N. Tsignadze, M. Nikoladze, E. Logachevi.
14	Spatial double conical ring-shaped reflector concepts for spacebased application.	Printed	International Scientific Conference, 32 th ESA Antenna Workshop on Antennas for Space Applications – From technologies to Atchitectures. 5-8 October 2010, ESA/ESTEC, Noordwijk, The Netherlands.	7	Sh. Tserodze, C.G.M. van ‘t Klooster, N. Tsignadze, G. Medzmariashvili, A. Chapodze.
15	Combative conditions of Georgian territory and precondition for the creation of joint Military-Engineering maintenance.	Printed	“Military Theory”, Scientific Journal, Tbilisi, №1(2), 2010.	8	E. Medzmariashvili.
16	2010 Report of Scientific Research of 2010.	Printed	“Military Theory”, Scientific Journal, Tbilisi, №2(3), 2010.	137	Sh. Tserodze, V. Gogilashvili, N. Tsignadze, K. Chkhikvadze, K. Odishvili, N. Siradze, A. Chapodze, L. Philipenko.
17	Structure of space reflector force ring.	Printed	“Problems of Mechanics”. Tbilisi, № 2 (43), 2011.	8	Sh. Tserodze, E. Medzmariashvili, M. Nikoladze, N. Tsignadze, V. Gogilashvili, E. Logachevi.
18	Mobile bridgelayer elevator on the bases of tank “Leopard-2”.	Printed	“Problems of Mechanics”. Tbilisi, № 3 (44), 2011.	5	E. Medzmariashvili, O. Tusishvili, G. Medzmariashvili.

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19	Transformation of deployable bridge mechanisms.	Printed	“Problems of Mechanics”. Tbilisi, № 4 (45), 2011.	5	V. Gogilashvili, E. Medzmariashvili, G. Medzmariashvili.
20	Experimental research reflecting mesh of reflector.	Printed	“Problems of Mechanics”. Tbilisi, № 4 (45), 2011.	7	E. Medzmariashvili, O. Tusishvili, N. Tsignadze, G. Gratiashvili.
21	Theoretical and experimental study of reflector antenna.	Printed	“Problems of Mechanics”. Tbilisi, № 4 (49), 2012.	13	G. Bedukadze, E. Medzmariashvili, K. Chkhikvadze.
22	Kinematic analysis of deployable bridge's transformable systems.	Printed	Scientific-Technical Journal “Building”, Tbilisi, №3(26), 2012.	9	V. Gogilashvili, E. Medzmariashvili, V. Kapanadze, G. Medzmariashvili.
23	Theoretical and experimental study of load-bearing deploying ring designed by double pantograph principle and of reflector antenna having elastic center.	Printed	International Scientific Conference, Workshop on Large Deployable Antennas. 2-3 October 2012, ESA/ESTEC, Noordwijk, The Netherlands.	9	G. Bedukadze, E. Medzmariashvili, N. Tsignadze, M. Janikashvili, K. Chkhikvadze, N. Medzmariashvili, V. Gogilashvili.
24	V-fold bar deployable ring with deployable bearing ring.	Printed	Munich, GRIN Publishing GmbH, http://www.grin.com/en/e-book/231704/ Archive No. V231704 ISBN (eBook) 978-3-656-48492-9 ISBN (Book) 978-3-656-48589-6 2013	10	E. Medzmariashvili, L. Datashvili, O. Tusishvili.
25	On structural analysis and synthesis of transformable systems with regular elements.	Printed	International scientific journal “Problems of mechanics” №4(53) Tbilisi, 2013.	8	V. Gogilashvili, Sh. Tserodze, O. Tusishvili, M. Nikoladze, L. Filipenko, A. Tsiklauri.

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26	Hali Protective equipment for plants.	Printed	National Intellectual Property Center of Georgia Sakpatenti Patenti P 5979, Tbilisi, 2014.	9	E. Medzmariashvili, N. Tsignadze, N. Medzmariashvili, G. Medzmariashvili.
27	Mechanized bridge and bridge construction equipment.	Printed	National Intellectual Property Center of Georgia Sakpatenti Patenti P 6066, Tbilisi, 2014.	45	E. Medzmariashvili, N. Tsignadze, G. Medzmariashvili A. Chapodze, L. Filipenko, N. Medzmariashvili.
28	The new, more, accurate technological method to create reflecting surface of reflector.	Printed	Georgian Technical University, Transactions № 1(491), Tbilisi, 2014.	9	O. Tusishvili, N. Medzmariashvili, G. Gratiashvili.
29	Erection cycle of deployable space reflectors using the functional and technological screen mesh.	Printed	International Scientific Conference – Advanced Lightweight Structures and Reflector Antennas, European Space Agency, Technische Universität München, Georgian Technical University, 1-3 October 2014, Tbilisi, Georgia.	13	E. Medzmariashvili, O. Tusishvili, G. Gratiashvili, N. Medzmariashvili, M. Janikashvili.
30	Numerical study of mode of deformation of single-mesh shell's models.	Printed	International scientific journal "Problems of mechanics" №3(56) Tbilisi, 2014.	11	G. Gratiashvili.
31	Analyses of emitted and transferred at cutting process into the cutting tool plate heat by finite elements method.	Printed	International scientific journal "Problems of mechanics" №3(56) Tbilisi, 2014.	4	G. Gratiashvili.
32	Analysis of critical and system transformation resistance forces in straight deployable structural element from longitudinal stability condition.	Printed	International scientific journal "Problems of mechanics" №3(60) Tbilisi, 2015.	6	Sh. Tserodze, M. Nikoladze, E. Medzmariashvili, N. Tsignadze.

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33	Autonomous antihail transformable system for vineyards.	Printed	Georgian Technical University's Collection of Academic Works № 2(500), Tbilisi, 2016.	9	E. Medzmariashvili, N. Tsignadze, N. Medzmariashvili.
34	Different scheme of reflective display attachment of deployable space reflector flexible center with V-folded ring.	Printed	International Scientific Conference, 37 th ESA Antenna Workshop. 15-17 November 2016, ESA/ESTEC, Noordwijk, The Netherlands.	4	E. Medzmariashvili, N. Tsignadze, L. Scialino, J. Santiago-Prowald, C. Mangenot, T. Kikava, N. Medzmariashvili.
35	Different scheme of arranging reflective surface in deployable space reflector antenna.	Printed	International scientific journal "Problems of mechanics" №4(65) Tbilisi, 2016.	7	E. Medzmariashvili, N. Tsignadze, L. Scialino, J. Santiago-Prowald, C. Mangenot, T. Kikava.
36	Portable and rapidly deployable, single span mechanized bridges for extreme situations.	Printed	Georgian Technical University's Collection of Academic Works № 3(505), Tbilisi, 2017.	18	N. Tsignadze, G. Medzmariashvili.
37	Folding metal bridge with falcate modules – KM 02T.	Conference	2017 National Accelerated Bridge Construction Conference Florida International University, Miami, Florida, USA, December 7-8, 2017.	10	N. Tsignadze, E. Medzmariashvili, G. Bedukadze, A. Chapodze, G. Medzmariashvili.
38	Metal constructions, Book.	Printed	Print House LTD "Smarty", Tbilisi, 2017.	338	N. Tsignadze, G. Medzmariashvili, G. Parckhaladze, T. Kikava.
39	New design modifications of the supporting ring for a large deployable space reflector	Printed	CEAS Space Journal An Official Journal of the Council of European Aerospace Societies ISSN 1868-2502 Volume 13 Number 2 CEAS Space J (2021) Doi 10.1007/s12567-020-00332-6 Springer	10	Sh. Tserodze, E. Medzmariashvili, C.G.M. van 't Klooster, M. Muchaidze, M. Nikoladze, A. Chapodze, I. Sigua