

## Scientific publications list    Rusudan Giorgobiani

N	Scientific publications Title	Printed/ Handwriting	Publishing house, Journal (number, year)	Printed sheet/ page number	Co-authors
1.	Determination of tension-deformid state in the point when similar tension-comprssing	Printed	Scientific-technical journal “Building” N 3(6) 2007  www.sheneba.ge	6	N.Berishvili  M. Todua
2.	Incorrectness of applying ceneralized Hook's law in the calculation of axisymmetric loads	Printed	International scientific journal inteleqtuall N9 2009  www.inteleqtuall.ge	4	N.Berishvili  T. Buchukuri
3.	A fresh approach to calculation of axisymmetric loads	Printed	International scientific journal inteleqtuall N9 2009  www.inteleqtuall.ge	4	N.Berishvili  T. Buchukuri
4.	Critical analysis of Hook's generatized law	Printed	Periodical scientific journal “INTELLECTI” N 1(33) 2009  www.intelecti.ge	5	N.Berishvili  R. Chkoidze
5.	Depiction of capacitance relative deformation by using variable Pauson-c coefficient	Printed	Periodical scientific journal “INTELLECTI” N 1(33)  www.intelecti.ge	5	N.Berishvili  R. Chkoidze
6.	determine the cross section of compressed rods depending on the longitudinal characteristics]	Printed	Scientific and technical journal "Building" N2 (13), GTU, 2009, Tbilisi  www.sheneba.ge	4 გვ.	N.Berishvili  R. Chkoidze  M.muxigulashvili
7.	Strain-deformed of the parallelepitted which lies in the absoluteli hard socket and evenly loaded on verges	Printed	Monthly scientific-reviewed magazine of georgian national academy of sciences “Science and technologies” N10-12 2009  <a href="http://www.acnet.ge/publicut.htm">http://www.acnet ge/publicut.htm</a>	4	N.Berishvili  T. Batsikadze

8.	To determine internal forces under lateral bending of plates	Printed	Scientific and technical journal "Building" N2 (17), GTU, 2010 Tbilisi <a href="http://www.sheneba.ge">www.sheneba.ge</a>	4	N.Berishvili Kh.Gordjladze
9.	The dependence between strains and deformations and other lame:s constants	Printed	Monthly scientific-reviewed magazine of georgian national academy of sciences "Science and technologies" N1-3 2010 <a href="http://www.acnet.ge/publicut.htm">http://www.acnetge/publicut.htm</a>	5	N.Berishvili T. Batsikadze
10.	A new concept of plate cylindrical bending	Printed	Monthly scientific-reviewed magazine of georgian national academy of sciences "Science and technologies" N4-6 2010 <a href="http://www.acnet.ge/publicut.htm">http://www.acnetge/publicut.htm</a>	5	N.Berishvili G. Rekhviashvili
11.	Influence of elastic symmetri planes on mode of deformation of anisotropy bodies	Printed	Scientific and technical journal "Building" N3 (22), GTU, 2011 Tbilisi <a href="http://www.sheneba.ge">www.sheneba.ge</a>	4	N.Berishvili Kh.Gordjladze
12.	Definition pressure and deformation in a petpendicular direction to external loadings	Printed	Collection of works on applied mechanics dedicated to the 100th anniversary of the birth of David Tavkhelidze. GTU, 2010 Tbilisi <a href="http://www.gtu.ge/publishinghouse/">http://www.gtu.ge/publishinghouse/</a>	7	N.Berishvili T. Batsikadze
13.	New approach plates pure bend	Printed	Publishing house "Technical universiti" N 1(479) 2011 <a href="http://www.GTU.GE/PUBLISHINGHOUSE">www.GTU.GE/PUBLISHINGHOUSE</a>	3	N.Berishvili T. khmelidze
14.	Some contradictions in the theory of plates pure bend	Printed	Publishing house "Technical universiti" N 1(479) 2011 <a href="http://www.GTU.GE/PUBLISHINGHOUSE">www.GTU.GE/PUBLISHINGHOUSE</a>	3	N.Berishvili T. khmelidze

15.	The depth of potential deformation of the deformation during spatial tension	Printed	Scientific and technical journal "Building" N4 (23), GTU, 2011 Tbilisi <a href="http://www.sheneba.ge">www.sheneba.ge</a>	5	N.Berishvili B. Churchelauri
16.	The continuity equation, expressed in terms of voltage, at constant volume using the full power voltage	Printed	The international scientific conference dedicated the 90 <sup>th</sup> anniversary of GTU Basic paradigms in science and technology development for the 21 <sup>st</sup> century I transactions 2012	5	N.Berishvili
17.	Differential equations of equilibrium expressed in terms of moving with total stress.	Printed	Scientific and technical journal "Building" N3 (26), GTU, 2012 Tbilisi <a href="http://www.sheneba.ge">www.sheneba.ge</a>	4	N.Berishvili Kh.Gordjoladze
18.	The conditions on the surface through the movement of real stress primemeniem	Printed	Scientific and technical journal "Building" N3 (26), GTU, 2012 Tbilisi <a href="http://www.sheneba.ge">www.sheneba.ge</a>	4	N.Berishvili Kh.Gordjoladze G.Javakhishvili
19.	Strain continuity equations in case of a plane problem in stresses	Printed	Scientific and technical journal "Building" N1 (28), GTU, 2013 Tbilisi <a href="http://www.sheneba.ge">www.sheneba.ge</a>	4	N.Berishvili R. Gogoladze L. Gogoladze
20.	Property of $\theta$ end $\theta^*$ functionsa at constant volume forces	Printed	Scientific and technical journal "Building" N1 (28), GTU, 2013 Tbilisi <a href="http://www.sheneba.ge">www.sheneba.ge</a>	4	N.Berishvili Kh.Gordjoladze
21.	All-around uniformly loaded body state of stress with consideration of arising volume forces	Printed	Scientific and technical journal "Building" N2 (29) , GTU, 2013 Tbilisi <a href="http://www.sheneba.ge">www.sheneba.ge</a>	4	N.Berishvili G. Javakhishvili

22.	Mode of deformation of stretched due its own weight action and compressed in longitudinal direction by arising volume forces	Printed	Scientific and technical journal "Building" N2 (29) , GTU, 2013 Tbilisi <a href="http://www.sheneba.ge">www.sheneba.ge</a>	4	N.Berishvili G. Javakhishvili
23.	Uniformli loader deformed state of body with consideration of volume forcrrs	Printed	Scientific and technical journal "Building" N1 (32) , GTU, 2014 Tbilisi <a href="http://www.sheneba.ge">www.sheneba.ge</a>	3	N.Berishvili
24.	The analogy of bending and torsion on strength of materials	Printed	(Ancillary manual) GTU, 2014	205	N.Berishvili
25.	Stability of the tower crane with considering the inertia forct	Printed	Georgian Technikal Universiti Ganatleba N 1(15) Tbilisi	2	A.Khabeishvili
26.	Analysis of composite cylinders in limiting state in condition of external pressure	Printed	Scientific and technical journal "Building" N4 (43) , GTU, 2016 Tbilisi <a href="http://www.sheneba.ge">www.sheneba.ge</a>	3	V. Sokhadze
27.	Analysis of think-walled cylinder calculation at combined deformation conditions	Printed	Scientific and technical journal "Building" N3 (42) , GTU, 2016 Tbilisi <a href="http://www.sheneba.ge">www.sheneba.ge</a>	3	V.Sokhadze
28.	Elastic-plastic condition of somposite cylinder under conditions of external pressure and variable temperature	Printed	Scientific and technical journal "Building" N2 (45) , GTU, 2017 Tbilisi <a href="http://www.sheneba.ge">www.sheneba.ge</a>	3	T.Batsikadze J. Nizharadze V. Turashvili
29.	Calkulation of a thick-walled cylinder on the ultimate loading in the conditions of internal pressure	Printed	Scientific and technical journal "Building" N2 (45) , GTU, 2017 Tbilisi <a href="http://www.sheneba.ge">www.sheneba.ge</a>	3	T.Batsikadze N. Murgulia V. Turashvili

30.	Laboratory works on strength of material	Printed	(Methodical reference) GTU 2017	39	
31.	Journal of laboratory works on strength of materials (GEORGIAN)	Printed	Magazine GTU 2017	34 გ.	
32.	Journal of laboratory works on strength of materials (RUSSIAN)	Printed	Magazine GTU 2017	36	
33.	Dynamic analysis of elastic systems	Printed	Publishing House "Universal" 2017	193.	A.Khabeishvili N.Khabeishvili
34.	Journal of laboratory work on the Strength of Materials	Printed	Tbilisi, publishing house "Technical University", 2020	37	R. Giorgobiani, J. Nizharadze
35.	For the issue of calculation of certain types of junctions of main oil pipelines and gaspipelines	Printed	scientific-technical magazine "Construction", Stu. No. 2 Tbilisi, 2018.	5	V. Sokhadze, R. Giorgobiani
36	On the durability of gas pipelines and oil pipelines retaining bolts	Printed	scientific-technical magazine "Construction", Stu. №2 (51) Tbilisi, 2019.	4	T. Batsikadze, V. Sokhadze, R. Giorgobiani
37	One example of transverse bending of a circular plate	Printed	scientific-technical magazine "Construction", No. 2 (58). Publishing House "Technical University". Tbilisi. 2021	6	V. Sokhadze, R. Giorgobiani
38	Oscillation of a circular thin plate (plate) under the influence of a shock impulse	Printed	scientific and technical magazine "Construction", No. 2 (58). Publishing House "Technical University". Tbilisi. 2021	5	V. Sokhadze, R. Giorgobiani
39	To the problem of distribution of elastic-plastic deformations of a rotating disk	Printed	scientific-technical magazine "Construction" No. 2 (62), 2022.	6	T. Batsikadze, R. Giorgobiani, N. Murgulia