List of Scientific Works     **Amiran Buksianidze**

| N | Scientific publications Title | Printed/ Handwriting | Publishing house, Journal (number, year) | Printed sheet/ page number | Co-authors |
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| 1 | 2 | 3 | 4 | 5 | 6 |
| 1. | Course of technical mechanics | Printed | Auxiliary text-book for technical specialties of GTU students. Tbilisi, GTU, 2008 | p. 542 | I. Gorjoladze G. Kipiani |
| 2. | On organization of stochastic optoelectron computational structures for solution of complex spatial problems of mathematical physics | Printed | Proceedings of International Scientific Conference dedicated to 75 anniversary of GIUA "Technologies and engineering of automation", Erevan, 2008 | pp. 166-170 | M. Kurdadze G. Kipiani Г |
| 3. | Definition of mode of deformation of spherical buld-up dome with fietering parameters by using Taylor's generalized formula | Printed | International Conference on Modern problems in Applied Mathematics. Book of Absracts. 7-9 October, 2008. Tbilisi. | P.67 | R. Tskhvedadze, G. Kipiani |
| 4. | Algorithm for definition of linear non-axis symmetry deformations in deck type structure's units | Printed | International Scientific Conference "Informational Technologies 2008", collection of reports, Tbilisi, GTU , 2008 | pp. 239-241 | M. Bekirishvili N. Todua |
| 4. | The stressedly-Deformed state of a recrangular plate with rectangular cut | Printed | International virtual journal for science, technics and Innovations for the industry, "machines, Technologies, Materials. year II ISSUE 10-11/2008 Sofia, Bulgaria 2008 | pp. 38-40 | G. Kipiani, |
| 5. | Geometrically non-linear deformation of depressed shells with discontinuous parameters | Printed | Actual problems of non-linear mechanics of shells. Publishing of Kazan State University, 2008. | pp. 72-74 | G. Kipiani, |

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| 6. | Stability of thin-walled spatial systems with discontinuous parameters | Printed | Proceedings of Erevan State University "Architect and Construction. Actual Problems". Collection of reports. Vol. 3. Erevan. 2008. | pp. 161-163 | G. Kipiani, N. Todua. |
| 7. | Construction algorithm of of Laplace direct and reverse transformation number | Printed | Scientific-technical Journal "Mshenebloba". Tbilisi, 2008 | pp. 6-11 | |
| 8. | Stabilit of Thin-walled spatial Systems with Discontinuous Pazametere | Printed | International conference "Advanced construction" Kaunas, Lithuania. 2008 | pp. 36-40 | Kipiani G., Todua N |

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| 9. | Several issues about enhancing the level of seismic resistance | Printed | Book of extended abstracts, "First international conference on seismic safety problems of Caucasus region population, cities and settlements" September 8-10, Tbilisi, 2008. Georgia | pp.142-144 | Tskhvedadze R. |
| 10. | Three-dimensional task of termoplasticity and heat conductivities for piecewise homogeneous bodies with thin in inclusions | Printed | "Problems of Mechanics" (international scientific journal). №4 Tbilisi 2008 Georgia | | |
| 11. | Definition of critical loading on compressed plate with clits by transition from static problem to stability problem | Printed | Czestochowa 2008 | pp. 146-151 | Kipiani G |
| 12. | Features of Laplace transformation numerical realization | Printed | International Reviewed Journal of Georgia National Academy of Sciences "Metsniereba da teknologiebi". Tbilisi 2009. №1-3 | pp. 20-22 | |

| 13. | Compliance between linear differential equation ანდ normal type of simultaneous differential equations | Printed | International Scientific-technical Journal "Intelektuali". Tbilisi, 2009, №8 | pp. 158-160 | |
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| 14. | Decisive simultaneous equations for rods with variable parameters | Printed | Scientific-technical Journal "Intelekti". Tbilisi, 2009, №1(33) | pp. 88-92 | |
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| 15. | Iteration algorithm of arbitrary linear differential operator with variable coefficients | Printed | Scientific-technical Journal "Mshenebloba". Tbilisi, 2009. | pp. 18-22 | |
| 16. | Reference book in strength of materials | Printed | Auxiliary text-book. Tbilisi, GTU, 2009. | pp. 190 | T. Batsikadze J. Nizharadze N. Murgulia |
| 17. | Non-stationary problems of heat transfer thin-walled spatial systems | Printed | Scientific-technical Journal "Intelekti". Tbilisi, 2012, №1(42) | pp. 141-144 | |
| 18. | Some plasto-elastic problems | Printed | "Problems of Mechanics" (international scientific journal). N2(51) Tbilisi 2013 | pp. 94-98 | |
| 19. | Elastic-plastic problem of transverse extension of matrix with soft elastic-plastic inclusion | Printed | "Problems of Mechanics" (international scientific journal). N2(59) Tbilisi 2015 | pp. 53-57 | |
| 20 | Interaction of inclusion | Printed | ( "Problems of Mechanics" international scientific journal). N2(67) Tbilisi 2017 | pp.73-77 | |
| 21 | Solution of two-dimensional spatial task of hear conductivity nin thin-walled structures by finite element method | Printed | (i"Problems of Mechanics" nternational scientific journal). N2(79) Tbilisi 2020 | Pp 79-84 | |

| 22 | Investigation ofstress- deformed states of unregulatable thin sh with hard ribs | Printed | Investigation of stress- deformed states of unregulatable thin sh with hard ribs Tbilisi 2023 | 236-242 | D.kipiani |
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| 23 | Stability calculation of multi-layer plates of non-uniform orthotropic layers | Printed | International scientific-technical conference "Problems of Applied Mechanics Dedicated to the 95-year-old Oubili of the Correspondent Iraklighudushauri, Member of the Academy | 22-23 | D.kipiani |
| 24 | ApplicaTion of methods of mechanicsin the calculation of building structures building fuses | Printed | XIY Annual International Conference of the Union of Mechanics of Georgia Poti 2023 | 88 | T. Magradze |
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