

Aleksandre Benashvili

List of scientific works-----
(Name, Surname)

##	Title of scientific works	Publishing house, magazine (No., year), or copyright certificate No.	Number of pages printed	Co-author(s)
1	2	3	4	5
1	Issues in selecting a processor for a computer system	Georgian Technical University, Dresden University of Applied Sciences - Germany. International Scientific Conference Modern Challenges and Achievements in Information and Communication Technologies. Tbilisi, 2023 (is printed)	5	E. Gvaramia
2	Fundamentals of computer architecture and organization. 2nd edition	Tb.: Technical University, 2023 ISBN 978-9941-28-968-2	275	E. Gvaramia
3	Computer Architecture	Tb.: Technical University, 2023 ISBN ISBN 978-9941-28-998-9	271	-
4	Issues in selecting a processor for a computer system	Georgian Technical University, Dresden University of Applied Sciences - Germany. International Scientific Conference Modern Challenges and Achievements in Information and Communication Technologies. Tbilisi 2023, 12-13 October	1	E. Gvaramia
5	Modification of the Computer Architecture Based on the GALS Interface	International Scientific-Practical Conference "Innovations and Modern Challenges" dedicated to the 100th anniversary of the Technical Univer- sity of Georgia and the 65th anniver- sary of the Faculty of Informatics and Control Systems. November 18-19, Georgia, Tbilisi, 2022. pp. 180-184	5	E. Gvaramia, E. Bochoridze
6.	Administration of Computer Networks	Lecture course. Telavi State University, 2022	153	T. Lachashvili
7.	Computer Networks	Lecture course. Telavi State University, 2022	172	T. Lachashvili
8.	Skylake Processor - the Best Solution for Multimedia PC	Georgian Technical University. Automated Control Systems. Transactions #1(32). Vol. 1.2. (Dedicated to the 50th Foundation	5	-

##	Title of scientific works	Publishing house, magazine (No., year), or copyright certificate No.	Number of pages printed	Co-author(s)
1	2	3	4	5
		Anniversary of the establishment of the Chair "Automated Control Systems" of GTU (1971-2021). p.242-246		
9.	Implementation of Modern Information Management Systems for Further Development of Georgia	Georgian Technical University. Automated Control Systems. Transactions #1(32). Vol. 1.2. (Dedicated to the 50th Foundation Anniversary of the establishment of the Chair "Automated Control Systems" of GTU (1971-2021). p.238-241	4	N. Sidamonidze, L. Dzhikidze
10.	Computer Diagnostics (manual)	Tb., Technical University, 2021. ISBN 978-9941-28-821-0	132	L. Jikidze, G. Benashvili, G. Zedginidze
11.	Design and production of computer systems (guidelines for performing laboratory work)	Tb., Technical University, 2021. ISBN 978-9941-28-732-9	87	-
12.	Operation and maintenance of computer systems (guidelines for performing laboratory work)	Telavi State University, 2021	81	-
13.	Skylake Processor - the Best Solution for Multimedia PC	Information society and technologies for intensification of education (ISITE '21) Abstracts of the II International Scientific and Technical Conference. Georgia, Tbilisi, May 20-22, 2021	1	-
14.	Implementation of Modern Information Management Systems for Further Development of Georgia	Intensification of Education (ISITE '21) II International Scientific and Technical Conference abstracts Georgia, Tbilisi, May 20-22, 2021	1	N. Sidamonidze, L. Dzhikidze
15.	Modern Trends in the Field of Processor Development	Yakob Gogebashvili Telavi State University. XXIII (79th) scientific conference of professors and doctoral students. July 15, 2021	1	-
16.	Importance and Opportunities of Mathematical and Simulation Modeling in the Development of the Modern Agricultural Sector	Globalization and Current Challenges in Business. IV International Scientific Conference. Collections of works. Volume I. Georgian Technical University. Faculty of Business Technologies. Tb. 2020, p. 176-180	5	N. Sidamonidze, L. Jikidze

##	Title of scientific works	Publishing house, magazine (No., year), or copyright certificate No.	Number of pages printed	Co-author(s)
1	2	3	4	5
17.	Structural Organization of the Computer (manual)	Tb. "University of Georgia". 2020 ISBN 978-9941-9707-0-2	295	S.Sulkhanishvili
18.	The Perspectives of Implementation of Imitative and Mathematical Modelling in Agrarian Sector	Georgian Technical University. Automated Control Systems. Transactions #1(30). Tb. 2020. p. 38-43.	6	N. Sidamonidze, S. Tsiramua
19.	Energy efficiency, as the Main Trend of Processor Development	Georgian Technical University. Automated Control Systems. Transactions #1(28). Tb. 2019. p. 88-92.	5	T. Kutsia, G. Benashvili
20.	Modeling of visualization processes of some functions of the operating system kernel (monograph)	Center for Scientific Thought (Taganrog); Publishing house "Pero" (Moscow) "Modern science in theory and practice" (Part V). 2018	21	L.Gachechiladze R. Samkharadze L. Gochitashvili
21.	Energy efficiency, as the Main Trend of Processor Development	Scientific and practical conference dedicated to the 90th anniversary of the birth of Professor Konstantin Kamkamidze "Digital technologies: modernity and challenges." Tbilisi. 2018.	1	T. Kutsia, G. Benashvili
22.	Operating System Windows 10 (manual)	Tb. "University of Georgia". 2018 ISBN: 978-99940-50-96-3	432	G. Benashvili
23.	Personal Computer Architecture. 3rd edition. Part I.	Tb. "University of Georgia". 2017. ISBN: 978-99940-50-64-2	325	G. Benashvili
24.	About the Problem of a Computer's Cooling	Georgian Technical University, "Ganatileba", 2017, #1(17), p. 210-216	7	G. Benashvili
25.	Selection of Active Heat Sinks for the Modern Computers	Georgian Technical University, "Ganatileba", 2017, #1(17), p. 217-223	7	G. Benashvili
26.	Exploitation and service of computer systems (manual)	Tb. "University of Georgia". 2016 ISBN 978-999-40-50-09-3	291	G.Benashvili
27.	Organization of Computer Peripherals (manual)	Tb. "University of Georgia". 2016. ISBN 978-99940-50-08-6	322	G.Benashvili, S.Sulkhanishvili
28.	The Problems of Selection of System Board and Case Form-Factor for Computers	Georgian Technical University. Automated Control Systems. Transactions #2(22). Tb. 2016. p. 149-154	6	M. Baliashvili, G. Benashvili
29.	Standards of Certification of Displays	Georgian Technical University. Automated Control Systems.	6	M. Baliashvili, G. Benashvili

##	Title of scientific works	Publishing house, magazine (No., year), or copyright certificate No.	Number of pages printed	Co-author(s)
1	2	3	4	5
		Transactions #2(22). Tb. 2016. p. 143-148		
30.	Designing of the System Board on the Basic of an Asynchronous Serial Bus	Georgian Engineering News, 2015, №1(73), pp. 57-60	4	G.Benashvili, S.Sulkhanishvili
31.	Fundamentals of Computer Architecture and Organization (Collection of tests)	Tb. "Technical University". 2015. ISBN 978-9941-20-602-3	112	G. Benashvili
32.	Modification of the Three-Chip Architecture of the System Board	Georgian Technical University, "Ganatileba", 2013, #2(8), p.146-151	6	G. Benashvili
33.	Two-Chip Architecture of a System Board	Georgian Technical University, "Ganatileba", 2013, #1(7), p. 147-150	4	G. Benashvili
34.	Fundamentals of Computer Architecture and Organization (manual)	Tb. "Technical University". 2013. ISBN 978-9941-20-189-9	220	O.Kartvelishvili, G.Benashvili
35.	Computerized Diagnostics and Laser Therapy in Nanomedicine	Georgian Technical University. International Conference Nanosen- sory Systems and Nanomaterials. Tbilisi.2013.pp.80-81	2	I. Kalandadze