

List of scientific and educational-methodical works

Gulnara Kotrikadze (2013-2024)

№	Name	Publishing House	Number of page	Name of the co-author
<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>
1.	Stonesoft company's own rules for ensuring virtual security and features of using solutions	Stu, scientific journal Parallel, No. 5, 2013. pp. 188-193.	5p	E.Rotchikashvili
2.	Diffie-Hellman algorithm known in cryptography Hacking Attempt (Part II)	Stu, Journal - Business Engineering, 2013. No 6,	6p	—
3.	Low reliability of information encoded by the inverse matrix method	Tb. Independent Learning University, Academy of Tourism, Scientific Research, Volume IX, 2013. pp. 64-68.	5p	E.Rotchikashvili V. Kekelia
4.	Some problems of information storage	Tb. Independent Learning University, Academy of Tourism, Scientific Research, Volume IX, 2013. pp. 95-100.	6p	E.Rotchikashvili V. Kekelia T.Mamukashvili
5.	Synthesis of methods of computing system structures	Tb. Independent Learning University, Academy of Tourism, Scientific Research, Volume IX, 2013. pp. 60-64.	4p	E.Rotchikashvili V. Kekelia
6.	Virtual environment security with Stonesoft solutions	SEW, a scientific journal, No. 1, 2013	6p	E.Rotchikashvili
7.	Protecting information without a key, using only black color	Proceedings, Automated Management Systems, Stu, No. 2(15), 2013. p. 59.	4p	E.Rotchikashvili Student 4 course G.Kutchava A.Gafrindashvili T.Mamukashvili
8.	Cracking the RSA method of asymmetric cryptosystem	Proceedings, Automated Management Systems, Stu, No. 2(15), 2013. p. 63.	4p	E.Rotchikashvili Student 4 course Z.Jobava N.Khandashvili T.Mamukashvili
9.	Information protection using RGB color codes	Proceedings, Automated Management Systems, Stu, No. 2(15), 2013. p. 67.	4p	E.Rotchikashvili Student 4 course G.Kutchava A.Gafrindashvili T.Mamukashvili
10.	Development of the method of information protection, using the arithmetic mean	Proceedings, Automated Management Systems, Stu, No. 2(18), 2014	4p	Student 4 course N.Danelia G.Taziashvili

11.	Elaboration of information protection method by number crunching	Proceedings, Automated Management Systems, Stu, No. 2(18), 2014	4p	Student 4 course N.Danelia G.Taziashvili
12.	Low reliability of the inverse matrix method and ways to decode it	Proceedings, Automated Management Systems, Stu, No. 2(18), 2014	4p	Student 4 course Q.Comaia
13.	Development of information protection method using 33-dimensional square matrix	National University of Georgia, Scientific Journal, 2015	5p	----
14.	Development of information protection method using natural numbers	National University of Georgia, Scientific Journal, 2015	4p	V.Kekelia
15.	About the implementation issues of some methods of the symmetric system of cryptography	Stu, Works authorized management systems, 2015, No. 2(20)	6p	V.Kekelia
16.	About the issues of microprogram Mach representation of the methods of the symmetric system of cryptography and their schematic realization	National University of Georgia, Scientific Journal №4(14), 2016	6p	V.Kekelia I.Bochorishvili
17.	Representation of some methods of information protection in microprogram form	Saint Grigol Feradze University 2016	5p	-----
18.	Protect information from internal risks of information technology	Stu, Business-Engineering, № 1-2. 2017, p.59	3p	E.Rotchikashvili L.Shaverdashvili
19.	Software and non-technical means of protecting confidential information in information systems	Stu, Business-Engineering, № 1-2. 2017, p.210	3p	E.Rotchikashvili L.Shaverdashvili
20.	Representation of some methods of information protection in microprogram form	National University of Georgia, Scientific Journal. №6(6), 2017	5p	E.Rotchikashvili L.Shaverdashvili
21.	Representation of universal model of Caesar, Wiginer and Vernam methods in microprogram form	National University of Georgia, Scientific Journal. №6(6), 2017	5p	E.Rotchikashvili L.Shaverdashvili
22.	Dynamic routing protocols	National University of Georgia, Scientific Journal. №6(6), 2017	6p	E.Rochikashvili I.Bochorishvili Master Z.Gogoladze
23.	Protecting information using color codes	National University of Georgia, Scientific Journal. №6(6), 2017	5p	E.Rochikashvili L.Tcholikidze Fourth year student T.Chochishvili T.Aduashvili
24.	Encrypt information using a hexadecimal code	Saint Grigol Feradze University 2017	5p	E.Rochikashvili L.Tcholikidze
25.	A method of protecting information using a public key	Works, automated management systems, 2018 – N 1(25)	4p	Fourth year student I.Abduraxmanova N.Chitishvili
26.	Developing an information security method using plaintext and number crunching	Works, automated management systems, 2018 – N 1(25)	4p	Fourth year student S.Daraxvelidze T.Sesitashvili

27.	Elaboration of the information protection method, embedded in a square, using inner squares	Works, automated management systems, #1(28), 2019	5p	-----
28.	Development of an information protection method with different combinations of number scrambles	Works, automated management systems, #1(28), 2019	5p	-----
29.	Protecting information with a combination of numbers, without the use of mathematical calculations and keys	Stu, referring sister peer-reviewed scientific journal "Education" 2021	5p	Fourth year student B.Davitashvili
30.	In the information environment, information exchange, transfer, ACSII symbols and UNICODE standard	Stu, referring sister peer-reviewed scientific journal "Education" 2021	5p	Fourth year student I.Parikova
31.	Cyber Security Risks	SEU&SCIENCE, ISBN 1987-8591, #14(14), 2023	17p	----
32.	Cyber security risks and social engineering - one of the most used type of psychological attack	Gori, National Defense Academy of Georgia named after Davit Agmashenebeli, psychology and modernity, collection of scientific-practical conference papers, Gori, ISBN-978-9941-8-5577-1 ISBN-1, 2023.	10p	-----
33.	Information security and cyber security	Stu, Georgian Sciences, Vol. 5 Issue 1, 2023 E-ISSN: 2667-9760 DOI: https://doi.org/10.52340/gs.2023.05.01.28	11p	-----
34.	Online Learning Tables Platform GTU TABLES	Stu, Georgian Sciences, Vol. 5 Issue 4, 2023 DOI: https://doi.org/10.52340/gs.2023.05.04.07	34p	A.Qimadze

Books

	category	year	Name	publishing house	Co-author
<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>		<i>5</i>
1.	Methodological instructions	2013	Fundamentals of computer architecture and organization, guidelines, and a workbook for practical tasks.	Publishing House "Technical University"	V.Kekelia
2.	Help Guide	2013	Economic-mathematical methods and their application in micro and macro economics.	Publishing House "Technical University"	G.Tchikadze V.Sesadze Q.Kveselava
3.	Help Guide	2013	Information, entropy, uncertainty.	Electronic version Library CD2686	
4.	Help Guide	2014	An overview of cryptographic methods.	Electronic version Library CD2686	
5.	Help Guide	2015	Information security.	Electronic version Library CD2686	
6.	Help Guide	2016	Methods and models of a symmetric system of cryptography (an auxiliary guide for practical and laboratory work), Part I.	Publishing House "Technical University"	V.Kekelia
7.	Help Guide	2018	Operating systems (handbook for laboratory work)	Publishing House "Technical University"	M.Kiknadze
8.	Help Guide	2018	Applied informatics I (Auxiliary guide for laboratory work) ISBN 978-9941-28-186-0 https://publishhouse.gtu.ge/ru/post/1377 STU library index: 004(076)/1	Publishing House "Technical University"	N.Bjalava X.Bardavelidze M.Sixarulidze N.Ciskarishvili T.Madjaradze I.Rodonaia E.Rotchikashvili
I am currently working on the following literature					
9.	- - - -		Coding and encryption in cryptography	- - -	- - -