

CURRICULUM VITAE

1. Family name: KHURODZE
2. First name: Ramaz
3. Date of birth: 9 November, 1944
4. Citizenship: citizen of Georgia
5. Family status: married
6. Education:
 - 1978 - 1979 Technological Institute of California (USA) - scientific business trip
 - 1981 Helsinki Technological University – scientific business trip
 - 1972 - 1975 Post-graduate study – Institute of Control Problems, USSR Academy
 - 1961 – 1966 Georgian Polytechnic Institute, Faculty of Automatic and Telemechanics
 - 1975 Candidate of Technical Sciences
 - 1993 Professor
 - 1997 Doctor of Technical Sciences
7. Knowledge of languages
Georgian – native, Russian and English fluent
8. Affiliation in Professional Associations:
 - 2006 Honorary Professor at Erevan State University of Architect and Constructing
 - 2004 Member of the European Academy of Natural Sciences
 - 2003 Sigma Xi – Member of the American Association for Scientific Researches
 - 2002 Academician of the Russian Academy of Natural Sciences
 - 2001 Member of the Georgian National Academy of Sciences
 - 1995 Academician of the International Academy of Engineering
 - 1994 Academician of the Georgian Academy of Engineering
 - 1993 Academician of the UN Academy of Informatization
 - 1999 – 2006 Chairman of Dissertation Council in the field of Computing Science and Control Systems
9. Other skills:
Computer programs (Excel, Word)
10. Current activity:
Electrical Engineer
11. Other achievements:
 - 1997 Medal of Honor
 - 1997 Laureate of the Georgian State Prize in Science and Technology

12. Professional Experience:

2018	Acting Academician-Secretary of the Georgian National Academy of Sciences
Since 2019	Academician-Secretary of the Georgian National Academy of Sciences
2006 – up today	Full Professor, at present Emeritus Professor and Head of the Center for Professional Development of the Georgian Technical University
1991 – 2017	Full Professor, Department of Artificial Intellect
1991 – 1993	Deputy Rector of the Georgian technical University
1987 – 1991	First Deputy Minister of the Georgian Higher and Secondary Specialty; Deputy Minister of the Georgian Ministry of Education
1982 – 1987	Activity at State Organizations
1967 – 1982	Institute of Control Systems of the Georgian Academy of Sciences – Junior Scientific Researcher, Senior Scientific Researcher, Head of the Department; Chief Scientific Researcher, Scientific Secretary for the Commission of Computing Technic at the Presidium of the Georgian Academy of Sciences

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Main Publications:

	Name of works	Publishing House, journal (number, year)	number of pages
1	Mathematical Models to Control Reliability for Redundant Technical Systems	Book. Georgian National Academy of Sciences Press, Tbilisi, 2019	171 p.
2*	Development of the Learning Process for the Neuron and Neural Network for Pattern Recognition	American Journal of Intelligent Systems Vol.5 (N 1), 2015 Editor-in-chief; Sergio Escalera Guerrero p-ISSN:2165-8978 e-ISSN:2165-8994 http://journal.sapub.org/ajis	8 p.
3	Probabilistic Analysis of a Redundant Repairable System with Two Maintenance Operations	Bulletin of the Georgian National Academy of Sciences, Vol. 11 (N 2), Tbilisi, 2017	7 p.
4	Determining the Number of Neurons Using the Cluster Identification Methods	Bulletin of the Georgian National Academy of Sciences, Vol 8. (2), 2014	9 p.
5*	Theory of Rank Links. Modelling of Recognition Processes	Nova Science publishers, inc. New York, 2012	167 p.
6	Analysis of Priority Queuing system for replacements and renewals	Bulletin of the Georgian Academy of Sciences, №1(172), Tbilisi, 2005	4 p.
7*	Prediction of the Recognition reliability using Clustering Results	International Journal on Computer Science and Engineering Vol.1(3). 2009, 196-198	3 p.
8*	Sistemic regularities and sistemic optimization	Nova Science publishers, inc, New York, 2009	153 p.
9	Artificial Neural Networks	Book: Publishing House "Technical University", Tbilisi, 2005 (In Georgian)	129 p.
10*	Formation of Resemblance Mesurer Among	Computacion y Sistemas Vol. 9 Num. 3, 191-	11 p.

	Name of works	Publishing House, journal (number, year)	number of pages
	Sets	202, 2006, CIC-IPN, ISSN 1405-5546, Impreso en Mexico	
11	Probability Analysis of the Downtime of a Duplicated System with Recovery and Switching	«Automation and Remote Control» Vol. 61, 9, part 1, 2000. p.p. 1489-1494, Plenum Publishing Corporation, N. Y. USA	3 p.
12*	Management tasks in social and economic systems	Publishing House SINTEG, Russian Academy of Sciences, Moscow, 2005 (In Russian)	246 p.
13	Computers and Computer Technologies (by edition)	Book: Publishing House "Technical University", Tbilisi, 2004 (In Georgian)	362 p.
14*	Virtual Waiting Time in the Single-server Queuing System with Unreliable Server	Automation and Remote Control Vol. 65, N 12 Plenum Publishing Corporation, USA, NY, Desember, 2004	9 p.
15*	Technical Systems with Structural and Redundancy: A Probabilistic Analysis of their Performance	Automation and Remote Control Vol. 65, N 5 Plenum Publishing corporation, USA, May, 2004	9 p.
16	Virtual standby time in a single-line QS with an unreliable device	Automation and Telemekhanics, No. 12, Moscow, 2004 (In Russian)	10 p.
17*	A probabilistic analysis of the performance of technical systems with structural and temporal redundancy	Automation and Telemekhanics, No. 5, Moscow. 2004 (In Russian)	8 p.
18*	Clustering Analysis and Decision-making by "Rank of links"	"Mathematical Problems in Engineering", Volume 8, No 4-5, (September, 2002), Florida, USA	18 p.
19*	About new approaches in the theory and practice of reliability of redundant systems	"Information Technologies in Design and Production", No. 3, 2001. Moscow (In Russian)	4 p.
20*	Theoretical background of a new technology for analysis, modeling and optimization of modern and promising information and telecommunication networks	"Automation and modern technology", No. 12, 2001, Moscow (In Russian)	5 p.
21*	Probability Analysis of the Downtime of a Duplicated System with Recovery and	«Automation and Remote Control» Vol. 61, 9, part 1, 2000.	3 p.

	Name of works	Publishing House, journal (number, year)	number of pages
	Switching	p.p. 1489-1494, Plenum Publishing Corporation, N. Y. USA	
22*	Probabilistic analysis of downtime of a duplicated system with recovery and switching	"Automation and Telemechanics", # 9, Moscow: Nauka, 2000 (In Russian)	6 p.
23*	Reliability of analog devices of control systems	Book. M.: Nauka, 2000 (In Russian)	143 p.
24*	Auswertungsmethoden und Analyse der zuverlässigkeit von Mess und Informationsanlagen	Mitteilungen aus dem Institut für Maschinenwesen der Technischen Universität Clausthal, N24, 1999, BRD	14 p.
25*	Parametrisches Versagen von Analoggeräten und Strukturmethoden ihrer Verminderung	Buch. Fachhochschule Karlsruhe, BRD, 1997	93 p.
26*	Precision inertialess recovery unit for redundancy of analog devices	"Devices and control systems", Moscow, No. 11, 1996 (In Russian)	3 p.
27	Environmental Engineering	Book. Publishing House "Technical University", Tbilisi, 1996 (In Russian)	422 p.

In all 15 monographs, 88 scientific articles, 13 textbooks have been published