History of Professional Activities (CV)

1. Position in the VIAM   Scientific Researcher

2. First, Second Name   **Archil Papukashvili**

01.01.1954

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3. Education

	Year	Name of University	Specialty	Academic Degree
1	1971-1976	Tbilisi State University	mathematics	
2	1994	Tbilisi State University Institute of Applied Mathematics	Computing mathematics	Candidate of science Physics-Mathematics
3	2004	Tbilisi State University Faculty of Mechanics and Mathematics	Computing mathematics	Docent

4. Work Experience

	Years	Position	Department/Division	Name of Organization
1	1976	Senior laboratory assistant	Department of projective methods	Tbilisi State University Institute of Applied Mathematics
2	1976-1986	Engineer-mathematician-programmer	Department of projective methods	Tbilisi State University Institute of Applied Mathematics
3	1986-1991	Junior scientific collaborator	Department of projective methods	Tbilisi State University Institute of Applied Mathematics

4	**1991-1995**	Scientific collaborator	Department of projective methods	Tbilisi State University Institute of Applied Mathematics
5	**1995-2006**	Senior scientific collaborator	Department of projective methods	Tbilisi State University Institute of Applied Mathematics
6	**2007-2011**	Scientific-researcher	Department of mathematical modeling and computing mathematics	Tbilisi State University Institute of Applied Mathematics
7	**2007-...**	Invited teacher	Faculty of Exact and Natural Sciences	Tbilisi State University
8	**2012-...**	Scientific collaborator	Department of mathematical modeling and computing mathematics	Tbilisi State University Institute of Applied Mathematics

5. Number of publications: ____59_____, including in impact-factor magazines _____1_____, index of citation _____ (if any)

6. List of Publications (not more than 10)

	Year	Name of Publication	Publishing House	Type of Publication (Article, Monograph, Guidebook, etc.)
1	1983	Axial symmetric bedding of a circular ring with supporting ribs	Proceedings of Tbilisi university Mathematics. Mechanics. Astronomy. V.239. p.123-134 (with I.Zonenashvili)	Article
2	1985	Support of the hole boundary in a plane	Proceedings of Tbilisi university, v.259. (with I. Zonenashvili, M. Kats).	Article
3	1986	The solution some numerical space problem of theory elasticity for I. Vekua method.	Computing and applied mathematic. v. 59. kiev, KSU. 1986. p. 77-84. (with Podilchuk I.N., Tkachenko V.F., Chernopiski D.I.).	Article
4	1987	Plates with variable cross-section ribs without restoring force.	Bulletin of the Georgian Academy of Sciences v.126, №2. (with N. Fleishman, I. Zonenashvili)	Article
5	1991	Approximate solution of some boundary problems of operator-interpolation method.	Reports of enlarged session of the seminar of I.N. Vekua institute of applied mathematics, v.6, №2, 1991. p.120-123.	Article

6	1993	Algorithms and numerical realizations for approximate solution of some linear boundary problems	Reports of enlarged session of the seminar of I.N. Vekua institute of applied mathematics, v.8, N3. Tbilisi University Press, Tbilisi -p.65-66.	Article
7	2000	Unplane problems of theory of elasticity with cracks of slackened piecewice-homogenous plane	Reports of enlarged session of the seminar of I.Vekua institute applied mathematics. v.15., N1-3, Tbilisi, p.22-24.	Article
8	2004	Antiplane problems of theory of elasticity for piecewise-homogeneous ortotropic plane slackened with cracks	Bulletin of the Georgian Academy of Sciences, 169, N2, p.267-270.	Article
9	2005	On approximate solution of one singular integral equation containing an immovable singularity	Bulletin of the Georgian Academy of Sciences, v.172, N3, p.373-374. (with G.Manelidze)	Article
10	2006	Approximate solution of some linear boundary value problems by an approach alternative to asymptotic method	Bulletin of the Georgian Academy of Sciences, v.174, N2, p.234-237. (with G.Manelidze)	Article

7. Participation in Scientific Grant Projects (not more than 10)

	Years	Role in the Project	Name of the Project	Donor Organization
1	2005	Senior scientific collaborator	Project №1.01.74 „On the constructing of some nonlinear mathematical models of pieso and porous-elastic anisotropic mixtures"	Was supported by GNSF Grant
2	2009-2011	Scientific Researcher	Project №ST 08/03 – 395 „Investigation of the influence of different physical fields on the periodic and quasi-periodic structures"	Was supported by GNSF Grant
3	2010-2011	Scientific Researcher	Project № 09-614_5 – 210 „Assessment of risk factors of emergency cases at oil and gas pipelines and possible pollution of environment by means of mathematical modeling"	Was supported by GNSF Grant

8. Participation in international scientific forums (not more than 10)

	Year	Name of the event	Title of Presentation	Place of Event
1	1984	*Second USSR conference of theory of elasticity.*	Calculation of stress-strain state of cylindrical bodies with base of complicated structure configuration	Tbilisi

2	1984	*USSR's meeting about theory of plates and shells calculation and numerical methods*	On boundary layer in solving of three-dimensional problems of theory of elasticity by I. Vekua method and to calculating stress-strain state of cylindrical bodies	Tbilisi
3	1998	*International Symposium mechanics of strained solids*	On approximate solution of some contact boundary value problems of the theory of elasticity	Georgian Technical University
4	2007	*International conference "Non-classic problems of mechanics"*	About the use of an approach alternative to the asymptotic method for linear nonhomogeneous boundary problems. Proceedings v. 2, p. 85-91.	Kutaisi
5	2008	*International Conference on Modern Problems in Applied Mathematics. Dedicated to the 90 th Anniversary of the Iv. Javakhishvili Tbilisi State University & 40 th Anniversary of the I. Vekua Institute of Applied Mathematics.*	On application of alternating to perturbation techniques method to singular integral equations containing an immovable singularity.	Tbilisi
6	2009	*2 nd WSEAS International Conference on FINITE DIFFERENCES, FINITE ELEMENTS, FINITE VOLUMES, BOUNDARY ELEMENTS (F-and-B'09).*	Approximate solution of some linear nonhomogeneous operator equations. *Proceedings p.150-153.*	Tbilisi
7	2009	*International Conference "Analytic methods of Mechanics and Complex Analysis".*	On application of alternating to perturbation techniques method to singular integral equations containing an immovable singularity.	Kiev
8	2010	*International-Scientific Technical Conference*	Scientific-Technical Journal "Building" N 2(17), 2010, p. 223-225.	Tbilisi Georgian Technical University
9	2010	First International	Book of Abstracts,	Batumi

10	2010	Conference, Batumi	p. 76,82-83,89-90,111.	
		The International Scientific ference Devoted to the 80th iversary of Academician Prangisvili "Information and Computer Technologies, Modeling, Control".	Book of Abstracts, p. 214, 216-217.	Tbilisi Georgian Technical University

9. Knowledge of foreign languages (mark appropriate)

#	Language	Beginner	With Vocabulary	Average	Good	Fluent
1.	Russian					V
2.	English			V		

10. Additional information (Awards, Stipends, Membership of different scientific organizations (optional))