

## Vladimer Baladze



<b>NAME</b>	Vladimer Baladze
<b>DATE OF BIRTH</b>	August 9, 1952
<b>ADDRESS</b>	Department of Mathematics Batumi State University, Ninoshvili str. #35, 6010.
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### Education

	<b>Year</b>	<b>Name of University</b>	<b>Specialty</b>	<b>Academic Degree</b>
<b>1</b>	1990-1993	Ivane Javakhishvili Tbilisi State University, Algebra-Geometry Department, Doctor's degree course	Geometry-Topology	Dr. Sci. (Phys.-Math.)
<b>2</b>	1976-1980	Georgian Scientific Academy, A.Razmadze Institute of Mathematics Algebra-Geometry Department, post graduate	Geometry-Topology	Cand. Sci. (Phys.-Math.)
<b>3</b>	1969-1974	Ivane Javakhishvili Tbilisi State University. Mechanic-Mathematics faculty, student	Mathematics	Equal to master degree in mathematics

### Work Experience

	<b>Years</b>	<b>Position</b>	<b>Department/Division</b>	<b>Name of Organization</b>
<b>1</b>	2008-up to now	Head of the department, full professor	The department of mathematics	Shota Rustaveli Batumi State University
<b>2</b>	2006-2007	Rector, full professor	Shota Rustaveli State University	Shota Rustaveli Batumi State University
<b>3</b>	2005-2007	Deputy rector in educational and academic field, full professor	Shota Rustaveli State University	Shota Rustaveli Batumi State University
<b>4</b>	1996-2005	Professor	Algebra-Geometry Department	Ivane Javakhishvili Tbilisi State University,
<b>5</b>	1983-1996	Associated Professor	Algebra-Geometry Department	Ivane Javakhishvili Tbilisi State University,
<b>6</b>	1981-1983	Assistant	Algebra-Geometry Department	Ivane Javakhishvili Tbilisi State University,

## V. Baladze's research interests:

General Topology, Dimension Theory, Homology Theory, Homotopy Theory, Retracts Theory, Shape Theory.

## Some Publications:

1. Baladze V. H. On the dimensions modulo a classes of spaces. (Russian). Soobshch. Akad. Nauk Gruz. SSR 89, 33-36 (1978).
2. Baladze V. Kh. Some theorems on dimensions modulo a class of spaces. (Russian). Soobshch. Akad. Nauk Gruz. SSR 99, 49-52 (1980).
3. Baladze V. Kh. On some combinatorial properties of the remainder of compactifications of topological spaces and on factorization of uniform mappings. (Russian). Soobshch. Akad. Nauk Gruz. SSR 98, 293-296 (1980).
4. Baladze V. Kh. Dimensions modulo a class of spaces and mappings. (Russian). Soobshch. Akad. Nauk Gruz. SSR 98, 49-52 (1980).
5. Baladze V. Kh. Functions of dimension type. (Russian. English summary). Tr. Tbilis. Mat. Inst. Razmadze 68, 5-41 (1982).
6. Baladze V. Kh. Factorization and approximation theorems for continuous groups of transformations. (Russian. English summary). Soobshch. Akad. Nauk Gruz. SSR 109, 257-160 (1983).
7. Baladze V. Kh. Theorems on factorization and inverse spectra for uniformities. (Russian). Coolog. Math. 49, 195-202 (1985).
8. Baladze V. Kh. On an equivariant strong theory of shapes. (Russian. English summary). Soobshch. Akad. Nauk Gruz. SSR 122., 501-504 (1986).
9. Baladze V. Kh. On shape theory for fibrations. (Russian. English summary). Soobshch. Akad. Nauk Gruz. SSR 129, No.2, 269-272 (1988).
10. Baladze V. Kh. On the shape of a mapping. (Russian). Nuriev, B. R. (ed.), Baku international topological conference held at Baku (USSR), October 3-9, 1987. Proceedings. Baku: Ehlms, 35-43 (1989).
11. Baladze V. Kh. On shape with locally compact supports. (Russian. English summary). Soobshch. Akad. Nauk Gruz. SSR 138, No.3, 497-500 (1990).
12. Baladze V. Kh. The coshape theory and the spectral homotopy group. (Russian. English summary). Soobshch. Akad. Nauk Gruz. SSR 138., No.1, 17-20 (1990).
13. Baladze V. H. Fiber shape theory. Rend. Ist. Mat. Univ. Trieste 22, No.1-2, 67-77 (1990).
14. Baladze, V. H. Fiber shape theory of maps and resolutions. Soobshch. Akad. Nauk Gruz. SSR 141, No.3, 489-492 (1991).
15. Baladze V. H. Fiber shape theory and resolutions. Zb. Rad. Filoz. Fak. Nisu, Ser. Mat. 5, 97-107 (1991).
16. Baladze V. Kh. Fiber shape theory and resolutions. II. Soobshch. Akad. Nauk Gruz. SSR 142, No.3, 465-468 (1991).
17. Baladze, V. H. On coshapes of topological spaces. Császár Á. (ed.), Topology. Theory and applications II. 6th Colloquium, Pécs, Hungary, 7th-11th August 1989. Amsterdam: North-Holland. Colloq. Math. Soc. János Bolyai. 55, 15-31 (1993).
18. Baladze V. Kh. A proper shape theory and resolutions. Soobshch. Akad. Nauk Gruz. 151, No.1, 13-18 (1995).
19. Baladze V. On spectral coshape theory. Bull. Georgian Acad. Sci. 157, No.3, (1998).
20. Baladze V. The Hurewicz theorem for coshape theory. Bull. Georgian Acad. Sci. 160, No.1, 10-13 (1999).

21. Baladze V.; Turmanidze L. On uniform shape theory with precompact supports. Proc. A. Razmadze Math. Inst. 127, 63-75 (2001).
22. Baladze V. On Uniform shapes. Bull. Georgian Acad. Sci. , 169, No. 1, 26-29 (2002).
23. Baladze V. Alexander-Spanier uniform cohomology theory. Bull. Georgian Acad. Sci. 166, No.3, 431-435 (2002).
24. Baladze V.; Dzadzamia M. On retracts of compact transformation groups. Bull. Georgian Acad. Sci. 166, No2, 217-221 (2002).
25. Baladze V. On ARU-resolution of uniform spaces. Georgian Math. J. 10, No.2, 201-207 (2003).
26. Baladze V. Fiber shape theory. Proc. A. Razmadze Math. Inst. 132, 1-70 (2003).
27. Baladze V. On one question of Yu. M. Smirnov in the theory of compactifications. Bull. Georgian Acad. Sci. ,167, No. 2, 200-204(2003).
28. Baladze V. Characterization of precompact shape and homology properties of remainders. Topology Appl. 142. No.1-3, 181-196 (2004).
29. Baladze V.; Turmanidze L. On homology and cohomology groups of remainders. Georgian Math. J. 11, No.4, 613-633 (2004).
30. Baladze V. Characterization of precompact shape and homology properties of remainders. .Topology Appl. 142, No. 1-2, 73-88 (2004).
31. Baladze V. , Abuselidze V. On uniform fiber shape theory. Bull. Georgian Acad. Sci. , 171. No. 10-13 (2005).
32. Baladze V. On Shape Retracts. Bull. Georgian Acad. Sci. , Volume 174, Number 3 (2006), 375-378.
33. Baladze V. Intrinsic characterization of Alexander-Spanier cohomology groups of compactifications, Topology and its Applications, Volume 156, Issue 14 (2009), 2307-2416.
34. Baladze V. On Coshapes of Topological Spaces and Continuous Maps, Volume 16 (2009), Number 2, 229—242.
35. Baladze V. On Coshape Invariant Extensions of Functors, Proceedings of A. Razmadze Mathematical Institute, Vol. 150 (2009), 1-50
36. . Baladze V. Singular Extensions of Covariant and Contravariant Functors, to appear.
37. Baladze V. On Proper Shape and Homology, to appear.

#### **Participation in international scientific forums:**

1. Colloquium on topology, Eger, Hungary, August 9-13, 1983.
2. The fifth Tiraspol Topological Symposium, Tiraspol, August 20-21, 1985.
3. Sixth Prague Topological Symposium, Prague, August 25-29, 1986.
4. Baku international topological conference, Baku., October 4-9, 1987.
5. Colloquium on topology, Pecs, Hungary, 7-11 August, 1989.
6. Fifth International Conference Topology and its Applications, Dubrovnik, June 18-23, 1990.
7. International Conference On Topology, Varna, September 24-29, 1990.
8. Seventh Prague Topological Symposium, Prague, August 19-23, 1991.
9. European congress of Mathematics, Paris, July 6-10, 1992.
10. International Congress of Mathematicians Berlin, August 18-27, 1998.
11. 2nd Croatian Mathematical Congress, Zagreb, 2000.
12. The 2nd Assembly of Georgian Mathematical Congress, October, 1997.
13. Third Assembly of Georgian Mathematicians, Tbilisi, October 11-13, 2001.
14. Geometric and Group Theory Methods in Physics and Mathematics, Batumi, Georgia, September 15-27, 2003.
15. International Conference dedicated to 90-anniversary of Academician G. Chogoshvily, Tbilisi, Georgia, 2004.
16. The Fourth Assembly of Georgian Mathematicians, Tbilisi, November 14-15, 2005.
17. International Conference on Topology and its Applications, Aegion, June 23-26, 2006.

18. International Conference on Topology and its Applications. Hacettepe University, Mathematics Department, Ankara, Turkey. July 6-11, 2009.
19. 24<sup>th</sup> Summer Conference on Topology and its Applications. Brno, Czech Republic, Brno University of Technology, July 14-17, 2009.
20. Scientific Conference Mathematics and its Applications, BSU, Batumi, 2008.
21. Scientific Conference Mathematics and its Applications, BSU, Batumi, 2009.
22. Internacional Summer School and Conference in Geometry and Topology, BSU, Batumi, August 24- 30, 2009.

**Ph.D. and Masters Students**

1. G. Ivanadze
2. M. Dzadzamia
- 3 .L. Turmanidze
- 4 .A. Beridze
5. V. Abuselidze
6. F. Diasamidze

**Family**

**Wife: D. Tsintsqiladze.**

**Children: Sofio, Linda and Zura**

**Son-in-law: Eldari**

**Grandchildrens: Ana and Nini.**