

CV - Form



1. Name

Teimuraz Aliashvili

2. Education – degree, discipline, institution, year

1965-1975 Tsnori N1 secondary school (gold medal)

1975 – 1980 Tbilisi State University Faculty of Mechanics and Mathematics (Honours Diploma)

1980 – 1982 Tbilisi State University, Postgraduate student.

1983 – 1984 Moscow Lomonosov State University, Postgraduate student.

1994 – PhD 01.01.04 -geometry and topology. From Tbilisi State University.

2006 - Doctoral Dissertation 01.01.04 - geometry and topology. From Tbilisi State University.

3. Academic experience – institution, rank, title (chair, coordinator, etc. if appropriate), when (ex. 1990-1995), full time or part time

1980 – 1989 Computer Center of the Department of Hydrology and Meteorology, Engineer- Programmer

1997 – 1999 Headmaster of Secondary School

1986 – 1994 Georgian Technical University, Chair of Mathematics, Senior Lecturer.

1994 – 2006 Georgian Technical University, Chair of Mathematics, Docent.

2001 –2006 A. Razmadze Mathematical Institute of Georgian Academy of Sciences.

2005 – 2006 I. Javahkishvili State University (in Meskheti), Associate Professor.

2006 – 2009 Georgian Technical University, Department of Mathematics, Associate Professor.

2006 – 2015 Ilia State University, Invited Professor, (part time).

2009 – 2016 Georgian Technical University, Department of Mathematics, Full Professor. (Full time).

2016 – present Ilia State University, Associate Professor, (Full time).

4. Non-academic experience – company or entity, title, brief description of position, when (ex. 1993-1999), full time or part time

1) „Creating mathematical models of the equity market interactions“. Allied Testing LLC.
(2013, part time), Mill Valley, California, USA

5. Certifications or professional registrations (if any)

Diploma (of candidate of science) #000383

Diploma (of a doctor of science) #001793

6. Current membership in professional organizations

Member of the American Mathematical Society

Member of the Georgian Mathematical Union.

7. Honors and awards

1995 – 1996 INTAS grant No. 7343,

1998 – 1999 Educational Soros grant,

2001 – 2002 INTAS grant 00-259,

2006- 2007 INTAS grant 06-100017-9093

2019-2020 University Institutional Development Program Grant Project: "Circus Rhythm as a System for Regulating Bio system Homeostasis from the Perspective of Nonlinear Dynamics and Chaos Theory"
2019-2020.

8. Briefly list the most important publications and presentations from the past ten years – title, co-authors if any, where published and/or presented, date of publication or presentation

1) Aliashvili, T. *Topological invariants of random polynomials*. Bull. Georgian National Acad. of Sci. v.10, no.4, p. 7-12 (2016).

2) Aliashvili, T. *On the Complex Points of Random Polynomials*. Bull. Georgian National Acad. of Sci. v.11, no.1, p. 12-15, (2017).

3) Aliashvili, T. *On the Stable Polynomial Mappings*. Proc. I.Vekua Inst. of Appl. Math. v.70, p.3-17, (2020).

4) Aliashvili, T. *Euler characteristic and colors problem*. Mathematics . I. Javakhishvili Tbilisi State University. N7, p.8-21, (2021).

5) Aliashvili, T. *On Random Planar Endomorphisms*. Bull. Georgian National Acad. of Sci. Vol. 15. N4, (2021).

6) Aliashvili, T. *Topological invariants of random polynomials*. Proc. I.Vekua Inst. of Appl. Math. Vol. 72, (2022).

7) Aliashvili, T. (author Joseph Malkevitch) *Points and lines.(translation)* Mathematics . I. Javakhishvili Tbilisi State University. N, p.24-29, (2023).

8) Aliashvili, T. *On Proper Quasihomogeneous Endomorphisms*. Bull. Georg. Nat. Acad. Sci., (to appear)

9. Briefly list the most recent professional development activities (workshops/seminars/conferences attended, technical projects, etc.)

- 1) New Developments in Singularity Theory. A Nato Advanced Study Institute, EC Summer School and Workshop ISAAC NEWTON Institute for Mathematical Sciences. University of Cambridge, Cambridge, UK, July-August, (2000).
- 2) Banach center symposium: Geometry and topology of caustics. "CAUSTICS – 02" Banach Center, Warsaw, Poland, 17-19 June, 2002.
- 3) ISAAC Conference on complex analysis, differential equations and related topics. Yerevan State University, Armenia, 17-21 September, Yerevan, p.4,(2002).
- 4) Fifth European Congress of Mathematics, Amsterdam RAI, The Netherlands, 14-18 July, 2008.
- 5) 1-st international summer school and conference-"New trends in geometry and topology", Shota Rustaveli State University, Batumi, 24 Aug.- 02 Sep. 2009.
- 6) Joint mathematics meetings, San Francisco, CA, USA, 13-16 Jan. 2010
- 7) Second international conference of Georgian mathematical society, Batumi, Georgia, 15-19 Sep. 2011
- 8) 26-th enlarged session of the seminar of I.Vekua institute of applied mathematics, Tbilisi, Georgia, 23-26 Apr. 2012.
- 9) Joint mathematics meetings, San Diego, CA, USA, 9-12 Jan. 2013
- 10) Interactions between analysis and geometry tutorials, Institute for Pure and Applied Mathematics (IPAM), Los Angeles, CA, USA, 12-15 Mar. 2013.
- 11) Creating mathematical models of the equity market interactions, Allied Testing LLC. Mill Valley, California, USA, Feb-Jun. 2013.
- 12) Workshop (543868-TEMPUS-1-2013-1-DE-TEMPUS-JPCR), Georgian Technical University 3-5 Dec. 2014.
- 13) 7-th International conference of Georgian mathematical society, Batumi, Georgia, Sep. 2016.
- 14) Creating mathematical models of the equity market interactions, Allied Testing LLC. Mill Valley, California, USA, Sept. 2016.
- 15) Scientific conference of mathematical department topology, algebra, analysis and applications. Batumi, Georgia, 12-16 February, 2018.
- 16) IX International Conference of the Georgian Mathematical Union (Dedicated to 100-th Anniversary of Ivane Javakhishvili Tbilisi State University) - Batumi Sept. 3 – 8 (2018).
- 17) X International Conference of the Georgian Mathematical Union– Batumi, Sept. 2019.
- 18) University Institutional Development Program Grant Project: "Circus Rhythm as a System for Regulating Bio system Homeostasis from the Perspective of Nonlinear Dynamics and Chaos Theory" 2019-2020.
- 19) XI International Conference of the Georgian Mathematical Union– Batumi, Aug.23-28. 2021.
- 20) XII International Conference of the Georgian Mathematical Union– Batumi, 29 Aug - 3 Sept. 2022.
- 21) XIII International Conference of the Georgian Mathematical Union– Batumi, Sept. 4-9. 2023.