

Associative Professor,
Department of Computer Sciences,
Faculty of Exact & Natural Sciences,
Iv. Javakhishvili Tbilisi St. University,
University str. 13, Tbilisi 0186, Georgia
e-mail: revaz.kurdiani@tsu.ge

Revaz Kurdiani

Experience

2012 – up to day	TSU, Faculty of Exact and Natural Sciences, Department of Computer Sciences, Associate Professor
2010 – 2011	TSU, Faculty of Exact and Natural Sciences, Department of Computer Sciences, Invited Lecturer
2005 – 2006	University of Leicester (UK), Lecturer (Associative Professor)
2002 – 2005	University of Aberdeen (UK), Tutor
1997 – 1998	Teacher of IT and Mathematics, A Secondary School
1995 – 1997	Lecturer at a Technological Institute

Education

2003	Doctor Degree (PhD), TSU
1995	University Diploma, TSU

Research Interests

1. Computer Algebra;
2. Design of Algorithms and Complexity;
3. Homological Algebra and its applications

Teaching Courses

Bachelor Courses

- Introduction to Algorithms
- Algorithm Design
- Algorithms and Complexity
- Elements of Computer Algebra

Master Courses

- Algorithms of Computer Algebra
- Complexity Theory
- Parallel algorithms
- Fast Algorithms of Fundamental Problems
- Data Bases

Performed Selected Projects

2012-2015 Homological and Categorical Methods in Topology, Algebra and Stack Theory (DI/27/5-103/12).

Selected Publications

1. R Kurdiani, T Pirashvili, Functor homology and homology of commutative monoids, Semigroup Forum 92 (1), 102-120, 2016
2. R Kurdiani, Lie Triple Systems and Leibniz Algebras, submitted for publication
3. Emzar Khmaladze, Revaz Kurdiani, Manuel Ladra, On Capability of Leibniz Algebras, submitted for publication