

Associative Professor, Department of Computer Sciences, Faculty of Exact & Natural Sciences, Iv. Javakishvili Tbilisi St. University, Room 357, University st. 13, Tbilisi 0186, Georgia  
e-mail: revaz.kurdiani@tsu.ge

## Revaz Kurdiani

### Experience

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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 Seocondary School
1995 – 1997	Lecturer at a Technological Institute

### Education

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

### Research Interests

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

### Teaching Courses

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#### Bachelor Courses

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

#### Master Courses

- Algorithms of Computer Algebra
- Complexity Theory
- Paralel algorithms
- Fass Algorithms of Fundamental Problems
- Data Bases

### **Performed Selected Projects**

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

### **Selected Publications**

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1. R Kurdiani, Cohomology of Lie algebras in the tensor category of linear maps, Communications in Algebra, 1999
2. R Kurdiani, T Pirashvili, A Leibniz algebra structure on the second tensor power, J. Lie Theory, 2002
3. R Kurdiani, Hochschild cohomology and higher order extensions of associative algebras, Proceedings of the Steklov Institute of Mathematics, 2006