

Vitaly Bragilevsky

Curriculum Vitae

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Education

- 1997–2001 **B.Sc. in Applied Mathematics and Computer Science**, *Rostov State University*, Rostov-on-Don, Russia, *with honours*.
- 2001–2003 **M.Sc. in Applied Mathematics and Computer Science**, *Rostov State University*, Rostov-on-Don, Russia, *with honours*.
Major in mathematical physics.
- 2004, December **Short course in methods, tools and systems for information security**, *Moscow Engineering Physics Institute*, Moscow, Russia.
- 2010, November–December **Short course in hardware and software for computer networking**, *Southern Federal University*, Rostov-on-Don, Russia.
- 2011, June 16–July 1 **10th Annual Oregon Programming Languages Summer School (Types, Semantics and Verification)**, *University of Oregon*, Eugene, OR, USA.
- 2011, August 2–14 **Summer School Marktoberdorf 2011 (Tools for Analysis and Verification of Software Safety and Security)**, *Technische Universität München*, Bayrischzell.

Master thesis

- title *Singular-type operators in the spaces of vector-valued functions.*
- supervisor Prof. V.S. Pilidi
- description Algebras of operators of singular and bisingular type are considered. For these algebras, the notions of an envelope of a family of operators are introduced, necessary and sufficient conditions of its existence and uniqueness are given. There are obtained estimates for the essential norm of the envelope operator. The statements of the paper are demonstrated for the case of singular integral operators with continuous operator-valued coefficients.

Experience

- 2003–present **Lecturer/Teaching assistant**, *Southern Federal University (former Rostov State University)*, *Department of Mathematics, Mechanics and Computer Science*, Rostov-on-Don, Russia.
- Courses: Web/XML-technologies (2003–2008), Computer networks (2005, 2006), Distributed systems (2007, 2008), Operating systems (2008–2010), Programming in Java (2008–2010), Functional programming (2009, 2011), Abstract algebra and number theory for Cryptography (2010, 2011), Computer methods in discrete mathematics (2010, 2011).
- Practice/labs: Programming languages (2003–2009), Logic and computability (2011).

Publications (in Russian)

- V. Bragilevsky, V. S. Pilidi. Analog of Simonenko's theorem on an envelope of a family of operators for operators on the spaces of vector-valued functions. Izvestia vuzov. Severokavkazsky region. Vol. 4. 2005.
- V. Bragilevsky. Limits of Folds Expressiveness. Practice of Functional Programming. Vol. 4. 2010.

Interests

History Medieval Europe

Arts 19th century music and literature

Project Euler Solving interesting algorithmic problems

(personal profile: <http://projecteuler.net/profile/bravit.png>)