

March 31, 2008

CURRICULUM VITAE

Name Iva Kozáková
Address Department of Mathematics, Vanderbilt University
1326 Stevenson Center, Nashville, TN 37240, USA
Phone (w) (615) 322-2022
E-mail iva.kozakova@vanderbilt.edu

Education

June 2006: Master of Science in Mathematics, Vanderbilt University, Nashville, USA
July 2004: Master of Science in Mathematics, Free University, Amsterdam, Netherlands
September 2003: Magistr (M.Sc. equivalent) in Mathematical Statistics and Probability, Charles University, Prague, Czech Republic

Research interests

Percolation on Cayley graphs, Geometric group theory

Work experience

2008: Summer Internship at Microsoft Research - Theory group, Redmond, USA
2004 – present: Teaching assistant at Vanderbilt University, Mathematics Department
2003: Teaching assistant at Czech Technical University, Mathematics Department, Prague, Czech Republic
2001 – 2002: Analyst at Czech Statistical Office, Department of Statistical and Mathematical Methodology, Prague, Czech Republic

Publications

Almost all 1-related groups are residually finite. (with Mark Sapir and Balint Virag) In preparation.

Critical percolation on Cayley graphs of groups acting on trees. Submitted.

Critical percolation on product of groups.

To appear in International Journal of Algebra and Computation

The size of components in continuum nearest-neighbour graphs. (with Ronald Meester and Seema Nanda)

The Annals of Probability Volume 34, Number 2 (2006), 528-538.

Thesis

On Nearest Neighbor Model. Master thesis, Free University (2004)

Ozone Data and Change Point Methods. Diploma thesis, Charles University (2003)

Talks

March 2008: Workshop on Analysis on Groups (University of Puerto Rico, USA), *Percolation on Cayley graphs of virtually free groups*

Awards

2008: Summer Research Award at Vanderbilt University

2007: Summer Research Award at Vanderbilt University

2004: International Masters Program Fellowship at Free University

2002: Erasmus/Socrates Student Exchange Program Fellowship

2001 – 2002: Merit Scholarship at Charles University