Eduard Einstein

Department of Mathematics
Malott Hall, Cornell University
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Education:

Ph.D. Student, Mathematics,
Cornell University, Ithaca, NY

M.A. in Mathematics, received June 2012
University of California, Santa Barbara, Santa Barbara, CA

B.A. in Mathematics (cum laude), received May 2010
Pomona College, Claremont, CA

Thesis: Conjugacy and Torsion in the Nottingham Group
Advisor: Ghassan Sarkis
Awarded distinction in the senior thesis

Publications:

Eduard Einstein, Charles Johnson, Brian Lins and Ilya Spitkovsky, **The ratio field of values**, *Linear Algebra and its Applications*, 434 (2011), 1119-1136.

Talks

Taming the Hydra: Finding Efficient Solutions to the Word Problems of a Family of Groups with Large Dehn Functions: Binghamton University Graduate Conference in Algebra and Topology. November 2013

Hydra Groups and Ackermann Functions: Olivetti Club, Cornell University. October 2013

Awards and Honors:

Raymond L. Wilder Prize for Outstanding Academic Acheivement, awarded June 2011
Department of Mathematics, University of California, Santa Barbara

Bruce Jay Levy Memorial Prize in Mathematics, awarded September 2009
Department of Mathematics, Pomona College

Summer Matrix Analysis REU: Invited Participant, June-August, 2009
College of William and Mary, Williamsburg, VA

Positions Held:

Teaching Assistant, Department of Mathematics, Cornell University, *Fall 2012 - Present*

Math 2210 (Linear Algebra), *Fall 2012*

Math 4320 (Introduction to Algebra, *Spring 2013*

Math 4330 (Honors Linear Algebra), *Fall 2013*

Teaching Assistant, Department of Mathematics, University of California, Santa Barbara, *Fall 2010 - Spring 2012*

Math 3A (Differential Calculus), *Fall 2011*

Math 3B (Integral Calculus), *Spring 2011, Spring 2012*

Math 8 (Transition to Higher Mathematics), *Winter 2012*

Math 34A (Calculus I for Life and Social Sciences), *Fall 2010, Summer 2010*

Math 34B (Calculus II for Life and Social Sciences, *Winter 2011, Spring 2012*

Reader, Department of Mathematics, University of California, Santa Barbara

Math 8 (Transition to Higher Mathematics), *Fall 2011*

Math 111B (Abstract Algebra), *Winter 2011*

Math 117 (Introduction to Analysis), *Winter 2012*

Conferences and Workshops Attended

Binghamton University Graduate Conference in Algebra and Topology: November 2013

MSRI Summer Graduate Workshop: Noncommutative Algebraic Geometry: June 2012