Zachary Hamaker

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Personal

Born on September 8, 1986.

United States Citizen.

Education

Dartmouth College

Advisor: Peter Winkler, Research Area: Probability and Combinatorics

Ph.D., Mathematics (expected, June 2014)

M.A., Mathematics June 2011

CSU East Bay

M.S., Mathematics June 2009

Bard College

B.A., Mathematics June 2008

Senior Project: Clifford Algebra Representations, Advisor: Gregory Landweber, Ph.D.

Teaching Experience

Instructor, Dartmouth College

Full responsibility for the course, modulo supervision of a teaching mentor and course supervisor. Summaries of student evaluations are available upon request.

Math 8: Calculus of Functions of One and Several Variables, Spring 2013

Math 20: Discrete Probability, Fall 2012

Teaching Assistant, Dartmouth College

Led tutorial sessions three times per week, held supplemental office hours and/or led review sessions before exams, proctored and graded exams.

Math 10: Introductory Statistics, Spring 2011

Math 8: Calculus of Functions of One and Several Variables, Fall 2010

Math 13: Multivariable Calculus, Winter 2010

Math 3: Introduction to Calculus, Fall 2009

Teaching Associate, CSU East Bay

Full responsibility for teaching the section according to a common syllabus.

Math 802: Elementary Algebra B, Spring 2009

Math 950: Intermediate Algebra, Fall 2008

Publications

Journal Articles

Relating Edelman-Greene insertion to the Little map, with Benjamin Young, submitted.

The distribution of available Yang-Baxter moves in a sorting network is approximately Poisson, with Alex Rozinov, in progress.

1   Invited Lectures:

Relating Edelman-Greene insertion to the Little map, SMC/UVM Joint Combinatorics Seminar 2012

Relating Edelman-Greene insertion to the Little map, Dartmouth College Combinatorics Seminar 2012

Relating Edelman-Greene insertion to the Little map, University of Michigan Combinatorics Seminar 2012

Last updated: March 14, 2013