

Molly Maxwell

Contact Information

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Citizenship: U.S.

Research Interests

Algebraic Combinatorics.

Education

University of Minnesota September 2002-October 2007
Ph.D. in Mathematics
Thesis Advisor: Professor Vic Reiner
Thesis Title: Enumerating Self-Dual Spanning Trees and Self-Dual Matroid Bases

University of Minnesota September 2002-June 2006
M.S. in Mathematics

Massachusetts Institute of Technology September 1995-June 1999
S.B. in Mathematics, minor in Music
GPA: 4.7/5.0

Teaching Experience

Assistant Professor	Augsburg College	Department of Mathematics	Fall 2007-Spring 2008
Lecturer	University of Minnesota	School of Mathematics	Fall 2006
Math Resource Instructor	University of Minnesota	IT: TALK teaching-training program	Summers 2006, 2007
Teaching Assistant	University of Minnesota	School of Mathematics	Fall 2003-Spring 2006
Instructor	Huntington Learning Center		2001-2002
Instructor	Change of Mind/Road to Change Learning Systems		2001-2002

Other Work Experience

Research Assistant	University of Minnesota	Summers 2004, 2005, 2006; Fall 2005
Actuarial Analyst	Mercer Human Resource Consulting	1999-2001

Minneapolis, MN

Publications

Submitted: "Enumerating Bases of Self-Dual Matroids", submitted to *The Journal of Combinatorial Theory, Series A*, (*JCT-A*), in May 2007.

Conference Proceedings: "Enumerating Bases of Self-Dual Matroids", Proceedings, 18th Annual International Conference on Formal Power Series and Algebraic Combinatorics (FPSAC), 557-558, San Diego, CA, June 2006,

Selected Talks

“Higher Dimensional Spanning Trees”	University of Kansas Combinatorics Seminar	November 2006
“Enumerating Bases of Self-Dual Matroids”	University of Minnesota Combinatorics Seminar	March 2006

Honors and Awards

University of Minnesota School of Mathematics Good Teaching Award	2007
University of Minnesota Graduate School Fellowship	2002-2003
MIT Cuthbert C. Hurd Scholar	1997-1999
MIT Emerson Piano Scholarship	1996-1997
Presidential Scholar	1995

Other Activities

Organizer	University of Minnesota Student Combinatorics Seminar	Fall 2006-Spring 2007
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