

Derek Habermas

Department of Mathematics
SUNY Potsdam
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Employment

SUNY Potsdam - Assistant Professor August 2006 - Present

Education

PhD - University of Arizona, Tucson, Arizona May 2006
Mathematics
Advisor: Douglas M. Pickrell

MS - Montclair State University, Montclair, New Jersey May 2000
Pure and Applied Mathematics

BS - New Jersey Institute of Technology, Newark, New Jersey Oct. 1992
Statistics and Actuarial Science

Teaching Experience

<i>Probability & Statistics 1</i>	Lab-based, extensive use of Fathom software	Fall, Spring 2008 & Fall 2007
<i>Calculus 1</i>	Differentiation, Integration	Spring 2007 & Fall 2006
<i>Calculus 2</i>	Integration, Series	Spring 2007
<i>Multivariate Calculus</i>	Differentiation and Integration of Functions of Several Variables	Fall 2006
<i>Linear Algebra</i>	Systems of Linear Equations, Algebra of Matrices, Vector Spaces, and Linear Transformations	Fall 2007 & Fall 2006
<i>Modern Algebra 1</i>	Introduction to Group Theory	Fall 2007
<i>Modern Algebra 2</i>	Rings, Fields, & Galois Theory	Spring 2008
<i>Applied Combinatorics</i>	Combinations, Permutations Inclusion-Exclusion Principle	Fall 2008

Membership in Professional and Honor Societies

Pi Mu Epsilon Mathematics Honor Society
Phi Kappa Phi National Honor Society
Mathematical Association of America

Publications

Invited Talks

Derek Habermas

- “Triangular Factorization and Symmetric Spaces (or How to disassemble a sphere with matrices)”
given at Montclair State University in Montclair, NJ on March 28, 2007
- “Compact Symmetric Spaces, Triangular Decomposition, and Cayley Coordinates”
given at the Joint Mathematical Meeting (JMM) on January 7, 2008

Service

Department Representative to the Faculty Senate	Fall 2006 - present
Staffing Committee	Fall 2006 - Spring 2007
Committee on Assessment (ad hoc)	Spring 2007
Advisor for student math club: SUNY Potsdam Math Alliance	Fall 2007 - present

Other Professional Activities

Project NExT fellow (MAA)	2006-2007
Judge for the undergraduate poster competition at the JMM	2007, 2008
Attended the following department Masters seminars	
“Sylow Theorems Extended for Solvable Groups” by Rob Newton	Fall 2006
“Existence of Covering Spaces” by Abel Larkin	Fall 2006
“Soundness and Completeness in First Order Logic” by Richard Itara	Spring 2007
“ Chair of Student Program Committee of MAA Seaway Section	Fall 2007 - present