

Bailin Song

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Personal

Place of birth: Cixi, Zhejiang, China
Citizenship: China

Education

Ph.D. Mathematics, Brandeis University (May 2007)
Thesis: *On the equivariant cohomology of the genus zero moduli space for stable maps to a Grassmanian.*
Advisor: Bong H. Lian
(2005 at National University of Singapore
working with Bong H. Lian.)

B.S. Mathematics and Applied Mathematics, (2002)
University of Science and Technology of China

Research

Spaces with a Lie group action, vertex algebras, equivariant cohomology

Papers

A convexity theorem and reduced Delzant spaces (with Bong H. Lian),
accepted by *topology* math.DG/0509429.
Chiral equivariant cohomology II (with Bong H. Lian and Andrew R. Linshaw),
accepted by *Tran. AMS* math.DG/0607223.
Chiral equivariant cohomology III (with Bong H. Lian and Andrew R. Linshaw),
math.DG/0705.0207.

Talks

Jan 31, 2007 Geometry Seminar in Boston University
Feb 7, 2007 Geometry and Analysis Seminar in Columbia University
Feb 15, 2007 Infinite-Dimensional Algebra Seminar in MIT.

Teaching Experience

2006 Fall	Instructor for Calculus (Math 10b)
2006 Spring	Instructor for Calculus (Math 10b)
2004 Fall	Instructor for Calculus (Math 10b)
2003 Spring	Teaching assistant for Complex Analysis (MATH 45a)
2002 Fall	Teaching assistant for Linear Algebra (MATH 22a)

Selected Awards and Fellowships

2006	Summer research fellowship at Brandeis University
2002	Award for excellent undergraduate thesis at USTC
1999-2000	Chinese Academy of Sciences Scholarship

References

Bong H. Lian Brandeis University lian@brandeis.edu	Gerald W. Schwarz Brandeis University schwarz@brandeis.edu
Daniel Ruberman Brandeis University ruberman@brandeis.edu	Susan Parker (teaching) Brandeis University parker@brandeis.edu