

Minh-Hoang Tran

59 Pitman Street Apt 1, Providence, RI 02906 • (401)499-2193
minh-hoang-tran@brown.edu • minhhoangptnk.wordpress.com

Education

1. **2010-present PhD Candidate in Mathematics** : Brown University
Expected graduation date: May 2014
Thesis Advisor : Professor Stephen Lichtenbaum
2. **2009-2010 Master of Mathematics** : University of Cambridge.
Pass with Merits
3. **2006-2009 BA in Mathematics** : Christ's College, University of Cambridge.
First Class

Research Interests

My research interests are Algebraic Number Theory and Arithmetic Geometry. My dissertation investigates the relationship between special values of Artin L-functions and the Euler characteristic of the Weil-étale cohomology. In the future, I would like to extend my results to special values of L-functions of 1-motives and study the connection between the Weil-étale cohomology approach to special values of L-functions and the Equivariant Tamagawa Number Conjecture.

Papers

Weil-étale cohomology and special values of Artin L-functions, in preparation

Teaching Experience

1. Teaching Assistant

- : Advanced Placement Calculus (Physics/Engineering): Fall 2011, Fall 2012
- : Intermediate Calculus : Spring 2012, Spring 2013
- : Introductory Calculus I : Spring 2013

I was a teaching assistant for these courses. My duties include conducting recitations, giving and grading weekly quizzes, holding office hours and participating in writing the exams.

2. Teaching Fellow

- : Introductory Calculus II : Fall 2013, Fall 2014

I taught these courses under the supervision of a course head. My duties include giving lectures for a class of about 30 students, holding office hours and participating in writing the exams.

Presentations

1. Brown Graduate Students Seminar

- The Tate-Nakayama Theorem, March 11, 2013

2. Brown Junior Algebraic Geometry Seminar

- The Artin-Verdier Duality Theorem , March 21, 2013
- Tamagawa Numbers, November 20, 2013
- The Generalized Dirichlet's Unit Theorem for Algebraic Tori , March 7, 2014

Conferences Attended

- Algebraic Geometry Northeastern Series: Brown University Fall 2012, Yale University Spring 2013, Boston College Fall 2013.
- Elliptic Curves at University of Connecticut, Spring 2014.

Services

Tutor at Math Resource Center Brown University, Spring 2011. I worked for two hours per week with students having difficulties with lower level mathematics courses.

Awards

- Christ's College Prize : 2007, 2008 and 2009

Personal

- Citizenship : Vietnamese
- Date of birth : June 14, 1987
- Languages : native speaker of Vietnamese, fluent English.

References

Stephen Lichtenbaum

Brown University
Department of Mathematics
Box 1917
Providence, RI 02912
slicht@math.brown.edu

Michael Rosen

Brown University
Department of Mathematics
Box 1917
Providence, RI 02912
Mrosen@math.brown.edu

Dan Abramovich

Brown University
Department of Mathematics
Box 1917
Providence, RI 02912
abrmovic@math.brown.edu

Daniel Katz

Brown University
Department of Mathematics
Box 1917
Providence, RI 02912
dkatz@math.brown.edu