

Ding Ma

Curriculum Vitae

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Education

- 2011–Present **Ph.D. in Mathematics**, *University of Arizona*, Tucson, AZ.
Advisor: Romyar T. Sharifi
- 2009–2011 **MPhil. in Mathematics**, *Chinese University of Hong Kong*, Hong Kong, China.
Advisor: Nai Chung Leung
- 2005–2009 **B.S. in Mathematics and Applied Mathematics**, *Fudan University*, Shanghai, China.

Publications and Preprints

- [1] Ding Ma, Koji Tasaka, "On triple zeta values of even weight and their connections with period polynomials", arXiv:1603.01013.
- [2] Ding Ma, "Connections between double zeta values relative to μ_N , Hecke operators T_N , and newforms of level $\Gamma_0(N)$ for $N = 2, 3$ ", arXiv:1511.06102.
- [3] Ding Ma, "Period polynomial relations of binomial coefficients and binomial realization of formal double zeta space", to appear in *Int. J. Number Theory*.
- [4] Ding Ma, "Inverse of a matrix related to double zeta values of odd weight", to appear in *J. Number Theory*.
- [5] Ding Ma, "Period polynomial relations between formal double zeta values of odd weight", to appear in *Math. Ann.*
- [6] J. Bajpai, S. Kimport, J. Liang, D. Ma, and J. Ricci, "Bilateral series and Ramanujan's radial limits", *Proc. Amer. Math. Soc.* 143 (2015), no. 2, 479–492.
- [7] Ding Ma, "Generalized Symplectic Structures", MPhil. Thesis.

Workshops and Conferences Participated

- 2015 Zeta Functions of Several Variables and Applications. Nagoya, Japan, November 2015
2015 Arizona Winter School. Tucson, AZ. March, 2015
- 2014 Introductory Workshop: New Geometric Methods in Number Theory and Automorphic Forms. MSRI, CA. August, 2014
Automorphic forms, Shimura varieties, Galois representations and L -functions. MSRI, CA. December, 2014
- 2013 p -adic Modular Forms, L -functions, and Galois representations. Los Angeles, CA. May, 2013
2013 Arizona Winter School. Tucson, AZ. March, 2013
- 2012 RTG Mini Conference. Tucson, AZ. December, 2012
AMS Fall Western Section Meeting. Tucson, AZ. October, 2012

- 2011 Workshop on Iwasawa Theory. Tucson, AZ. October, 2011
- 2010 The Fifth International Congress of Chinese Mathematicians. Beijing, China. December, 2010
- Study Workshop on the Work of Skinner-Urban on the Iwasawa Main Conjecture for GL_2 . Hong Kong. December, 2010
- Study Workshop on the Iwasawa Main Conjecture for GL_1 . Hong Kong. November, 2010
- Number Theory Day. Hong Kong. August, 2010
- Mini-Conference in Geometry. Hong Kong. April, 2010
- JCAS(Joint Centre for Advanced Study) Visiting Fellowship Scheme. Hong Kong. March, 2010
- 2009 Hong Kong Geometry Colloquium. Hong Kong. 2009–2010
- Institute for Advanced Study. Hong Kong. 2009–2010

Presentations

- 2016 Algebra and Number Theory Seminar, University of Arizona
- 2015 Algebra and Number Theory Seminar, University of Arizona
- Poster Section: Zeta Functions of Several Variables and Applications. Nagoya University
- Number Theory Seminar, Nagoya University
- 2014 Algebra and Number Theory Seminar, University of Arizona
- Seminar on Hida theory and Iwasawa theory, University of Arizona
- Graduate Colloquium, University of Arizona
- 2013 Algebra and Number Theory Seminar, University of Arizona
- Seminar on Hida theory and Iwasawa theory, University of Arizona
- 2012 RTG Mini Conference, University of Arizona
- 2011 Algebraic Geometry Seminar, University of Arizona

Teaching Experience

University of Arizona

- 2016 Trigonometry, Instructor
- 2014 Precalculus, Instructor
- 2014 Geometry and Topology, Super TA
- 2013 Calculus II Supplemental Instruction Seminar, Teaching Assistant
- 2011-2013 College Algebra, Instructor

Chinese University of Hong Kong

- 2010-2011 Linear Algebra II, Teaching Assistant
- 2010 Number Theory, Teaching Assistant
- 2009-2010 Advanced Calculus I, Teaching Assistant

Skills

Computer Programming C++, Matlab, Maple, Mathematica, Gap, Kash, and Sage

Productivity Applications Microsoft Office (Word, Excel, PowerPoint, Access), Adobe Acrobat Professional, and L^AT_EX

Languages

Mandarin **Native**

Shanghainese **Native**

Cantonese **Intermediate**

English **Intermediate**

Japanese **Basic**

Con conversationally fluent

Con conversationally fluent

Basic words and phrases only

Memberships

AMS, SOA

Citizenship

China