

Xinyi Yuan

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Citizenship

People's Republic of China

Research Interest

Number Theory, Arithmetic Geometry, Automorphic Forms

Education

Ph.D. Mathematics, Columbia University, 2003-2008 (Expected)
Thesis Advisor: Shou-wu Zhang

B.S. Mathematics, Peking University, 2000-2003

Teaching Experience

Instructor, Calculus III, Columbia University, Summer 2007
Instructor, Calculus II, Columbia University, Fall 2006

Awards

Mingde Fellowship, Peking University, 2000-2003
Gold Medal, 41st International Mathematical Olympiad, Korea, 2000

Bibliography

- [1] (with Shou-wu Zhang and Wei Zhang) *A General Gross-Zagier Formula*, in preparation.
- [2] (with Shou-wu Zhang and Wei Zhang) *The Gross-Kohnen-Zagier Theorem over Totally Real Fields*, preprint.
- [3] *Big Line Bundles over Arithmetic Varieties*, submitted, available at arXiv: [math.NT/0612424](https://arxiv.org/abs/math/0612424).

Seminar Talks

- [1] Seminar on Topics in Arithmetic, Geometry, Etc., MIT, Fall 2007.
- [2] Algebraic Geometry Summer School, East China Normal University, China, Summer 2007.
- [3] Joint Columbia-CUNY-NYU Number Theory Seminar, New York, Fall 2006.