

Xinyi Yuan

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Date of Birth

October 25, 1981

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*, submitted.

[3] *Big Line Bundles over Arithmetic Varieties*, to appear in Invent. Math.

Seminar Talks

[1] Princeton University/IAS Number Theory Seminar, Princeton, Spring 2008.

[2] Seminar on Topics in Arithmetic, Geometry, Etc., MIT, Fall 2007.

[3] Algebraic Geometry Summer School, East China Normal University, China, Summer 2007.

[4] Joint Columbia-CUNY-NYU Number Theory Seminar, New York, Fall 2006.