

Ian Wagner

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Education

B.S. Mathematics, Emory University, May 2015.

B.S. Physics, Emory University, May 2015.

Second year Ph.D. student under Ken Ono.

Research

Research Interests: Number theory, Combinatorics, Modular forms.

Peer-Reviewed Journal Articles

1. I. Wagner, E. Alwaise, R. Dicks, J. Friedman, L. Gu, Z. Harner, H. Larson, M. Locus, and J. Weinstock. *Shifted distinct-part partitions identities in arithmetic progressions. Annals of Combinatorics*, accepted for publication.
2. I. Wagner, M. Locus. *Congruences for powers of the partition function. Annals of Combinatorics*, accepted for publication.
3. I. Wagner. *Conjugacy growth series for wreath product finitary symmetric groups. Research in Number Theory*, accepted for publication.
4. I. Wagner. *Harmonic Maass form eigencurves*, submitted.
5. K. Ono, R. Schneider, and I. Wagner. *Partition-theoretic formulas for arithmetic densities. Proceedings of Number Theory in Honor of Krishna Alladi's 60th Birthday, Springer*, accepted for publication.

Awards

Member, Phi Beta Kappa, 2014

Sonny Carter Scholarship, Emory University, 2014

Thomas Aliberti Award, Emory University, 2015

NCAA Postgraduate Scholarship, 2015

Academic Activities

Emory Number Theory Seminar talk, Fall 2016

Emory Number Theory Seminar talk, Spring 2016

Emory Number Theory Seminar talk, Fall 2015

REU at Emory University, Summer 2015

Teaching

Teaching Assistant, M221 Linear Algebra (two sections), Spring 2017.

Teaching Assistant, M221 Linear Algebra (two sections), Fall 2016.

Calculus tutor, Emory University, Fall 2015-Spring 2016.

Grader, M250 Foundations of Mathematics, Spring 2016.

Grader, M212 Differential Equations, Spring 2016.

Grader, M250 Foundations of Mathematics, (two sections), Fall 2015.

Programming Languages

Proficient with Java.

Proficient with Sage (Python)

Last updated: May 9, 2017