

Curriculum Vitae

Kaiqi Yang

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Education

New York University	2018.9-2023.5
<i>Doctor of Philosophy in Mathematics</i>	<i>New York City, New York, United States</i>
New York University	2016.9-2018.5
<i>Master of Science in Mathematics</i>	<i>New York City, New York, United States</i>
Hong Kong University of Science and Technology	2012.9-2016.5
<i>Bachelor of Science in Mathematics</i>	<i>Clear Water Bay, Kowloon, Hong Kong, China</i>

Awards & Honors

First Class Honors	
<i>Hong Kong University of Science and Technology</i>	2016
Math Master's Thesis Prize	
<i>New York University</i>	2017

Languages

Languages: Chinese (Native), English (Fluent)
Computer languages: Magma, Matlab, Python

Publications

1. Potentially stably rational del Pezzo surfaces over nonclosed fields, (with Yuri Tschinkel), Combinatorial and Additive Number Theory III, ed. M. Nathanson, Springer, 227-233, (2020)
2. Combinatorial Burnside groups, (with Yuri Tschinkel and Zhijia Zhang), Research in Number Theory volume 8, Article number: 33 (2022)
3. Equivariant birational geometry of linear actions, (with Yuri Tschinkel and Zhijia Zhang), <https://arxiv.org/abs/2302.02296>
4. Potentially stably rational conic bundles, in preparation

Conferences and Talks

1. MPS Conference on Number Theory, Geometry, Moonshine and Strings III, Simons Foundation, February 27-March 1, 2019.
2. Simons Collaboration on Arithmetic Geometry, Number Theory and Computation Annual Meeting, Simons Foundation, January 9-10, 2020.

3. Simons Collaboration on Arithmetic Geometry, Number Theory, and Computation Annual Meeting,
Zoom online, January 13 - 14, 2022.
4. MPS Conference on Higher Dimensional Geometry,
Simons Foundation, October 24 - 28, 2022.
5. Simons Collaboration on Arithmetic Geometry, Number Theory and Computation Annual Meeting,
Simons Foundation, January 11-12, 2023.
6. Higher Invariants in Equivariant and Geometric Topology,
University of Miami, May 24-27, 2023.

Teaching

2016	Fall: MATH-UA.0211-014 Math For Economics (Teaching assistant)
2017	Spring: MATH-UA.0349-002 Honors Algebra II (Teaching assistant and Grader)
2018	Spring: MATH-UA.0240-001 Combinatorics (Grader)
2020	Spring: MATH-GA 2210.001 Introduction to Number Theory I (Grader) Fall: MATH-GA 2310.001 Topology (Grader)
2021	Spring: MATH-GA.2110-001 Linear Algebra I (Grader), MATH-GA.2210-001 Introduction To Number Theory I (Grader) Fall: MATH-GA 2130.001 Algebra I (Grader), MATH-GA 2310.001 Topology (Grader)
2022	Spring: MATH-GA 2140.001 Algebra II (Grader), MATH-GA 2210.001 Introduction to Number Theory I (Grader) Fall: MATH-GA 2111.001 Linear Algebra (Grader), MATH-GA 2350.001 Differential Geometry I (Grader)