

Curriculum Vitae

Kaiqi Yang

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Education

New York University	2018.9-present
<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), in
preparation
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.

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)