Ruoxi Li

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Education

University of Pittsburgh	**2019-2025 (Expected)**
Doctor of Philosophy in Mathematics	*Pittsburgh, PA, United States*
University of Illinois Urbana-Champaign	**2016-2018**
Master of Science in Mathematics	*Champaign, IL, United States*
Nankai University	**2012-2016**
Bachelor of Science in Mathematics and Applied Mathematics	*Tianjin, China*

Research Interests

- Motivic classes of moduli stacks
- Serre polynomials of character varieties
- Motives of the moduli space of Higgs bundles on a curve

Honors & Awards

Arts & Sciences Graduate Fellowship, *University of Pittsburgh*	**2019**
Freshman's Second Prize Scholarship, *Nankai University*	**2012**

Presentations

Riemann-Roch for Riemann Surfaces and Number Fields	**April 30th, 2021**
Algebraic Number Theory (MATH 2245)	
Moduli of Vector Bundles	**July-November, 2020**
Online Seminar by students	
Algebraic groups	**Jan 22nd, 2020**
Lie groups and Lie algebras (MATH 3550)	

Teaching Experiences

University of Pittsburgh	**2019-present**
Teaching Assistant, Business Calculus (MATH 0120)	**Fall 2020, 2021**
Teaching Assistant, Analytic Geometry & Calculus 1 (MATH 0220)	**Spring 2021, 2022, 2024**
Teaching Assistant, Analytic Geometry & Calculus 2 (MATH 0230)	**Spring 2021, Summer 2021, Fall 2021, 2022**
Teaching Assistant, Intro Theoretical Mathematics (MATH 0413)	**Summer 2021, 2024**
Teaching Assistant, Intro Theory 1-Variable Calculus (MATH 0420)	**Spring 2023**
Teaching Assistant, Intro Abstract Algebraic Systems (MATH 0430)	**Spring 2023, 2024**
Grader, Finite Mathematics (MATH 0400)	**Spring 2021**
Grader, Applied Elementary Number Theory (MATH 1020)	**Fall 2022, 2023**
Grader, Combinatorial Mathematics (MATH 1050)	**Fall 2022, 2023**
Grader, Partial Differential Equations 1 (MATH 1470)	**Fall 2021**

Academic Services

Referee, *Pittsburgh Interdisciplinary Mathematics Review*	**2024-present**

Workshops and Conferences

WARTHOG workshop, *Eugene, OR, United States*	**July 10-14th, 2023**
Categorical methods in moduli theory, *Philadelphia, PA, United States*	**April 7-9th, 2023**
Workshop on Moduli, motives, and bundles, *online*	**September 19-23rd, 2022**
Derived FRG, *Ann Arbor, MI, United States*	**July 30-August 5th, 2022**
GAeL XXVIII, *online*	**July 5-9th, 2021**
Special Month on Singularities and K-Stability, *online*	**May 17-June 11th, 2021**
Overview of Springer theory, *online*	**June 8-12th, 2020**
Workshop on Lie Theory and Integrable Systems, *online*	**June 5-7th, 2020**
Warwick virtual M2 Workshop, *online*	**June 1-5th, 2020**
Geometry and Dynamics of Foliations, *online*	**May 25-28th, 2020**