Ruoxi Li

Curriculum Vitae

Thackeray Hall, Pittsburgh, PA ⊠ rul44@pitt.edu

Education

- 2019–2024 **Ph.D. in Mathematics**, University of Pittsburgh, Pittsburgh, United States. (Expected)
- 2016–2018 M.Sc. in Mathematics, University of Illinois at Urbana-Champaign, Champaign, United States.
- 2012–2016 **B.Sc. in Mathematics and Applied Mathematics**, Nankai University, Tianjin, China.

Research Interests

• Algebraic Geometry

Fourier-Mukai transform and moduli stack of generalized line bundles on degenerate elliptic curve

Honors & Awards

- Arts & Sciences Graduate Fellowship University of Pittsburgh, 2019-2020
- Freshman's Second Prize Scholarship Nankai University, 2012

Presentations

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

Teaching Experiences

- 2022 Grader, Applied Elementary Number Theory, University of Pittsburgh.
- 2022 Grader, Combinatorial Mathematics, University of Pittsburgh.
- 2021, 2022 TA, Analytic Geometry & Calculus 1, University of Pittsburgh.
- 2021, 2022 TA, Analytic Geometry & Calculus 2, University of Pittsburgh.
 - 2021 Grader, Finite Mathematics, University of Pittsburgh.
 - 2021 Grader, Intro Theoretical Mathematics, University of Pittsburgh.
 - 2021 Grader, Partial Differential Equations 1, University of Pittsburgh.

Workshops and Conferences

- Workshop on "Moduli, motives, and bundles New trends in algebraic geometry", Oaxaca, Mexico (hybrid), September 19-23rd, 2022
- Derived Categories, Moduli Spaces, and Hyperkähler Varieties, University of Michigan, July 30-August 5th, 2022
- o GAeL (Géométrie Algébrique en Liberté) 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 in Symplectic and Poisson Geometry, online, June 5-7th, 2020
- o Warwick virtual M2 Workshop, online, June 1-5th, 2020
- o Geometry and Dynamics of Foliations, online, May 25-28th, 2020