

Zengrui Han | Curriculum Vitae

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Education

Rutgers, the State University of New Jersey

Ph.D. Student in Mathematics,

New Brunswick, NJ

September 2020–Present

University of Science and Technology of China (USTC)

Bachelor of Sciences in Mathematics,

Hefei, China

September 2016–July 2020

Research Interests

Algebraic Geometry, especially Mirror Symmetry, Toric Geometry and D-modules.

Publications

- [1] Lev Borisov and Zengrui Han. On hypergeometric duality conjecture, 2023.
- [2] Lev Borisov, Zengrui Han, and Chengxi Wang. On duality of certain GKZ hypergeometric systems. *Asian Journal of Mathematics*, 25(1):65–88, 2021.

Teaching Experience

Rutgers, the State University of New Jersey

- Math 251H: Multivariable Calculus, Teaching Assistant, Fall 2021
- Math 503: Theory of Functions of a Complex Variable I, Grader, Fall 2021

University of Science and Technology of China

- Foundation of Algebra, Teaching Assistant, Fall 2019
- Modern Algebra, Teaching Assistant, Spring 2019
- Foundation of Algebra, Teaching Assistant, Fall 2018

Honors and Awards

- Huang Yu Memorial Scholarship, 2019
- Outstanding Student Scholarship, Silver Award, 2017 & 2018
- Chinese Mathematical Olympiad (CMO), Bronze Medal, 2015