Ruxuan Zhang

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EDUCATION

Fudan University   Shanghai, China
Ph.D. in Mathematics   2016.9 - 2022.6
School of Mathematical Sciences

Nanjing University of Aeronautics and Astronautics   Nanjing, China
Bachelor of Engineering   2012.9 - 2016.6
Department of Automation Engineering

PAPERS AND PREPRINTS

- *One-cycles on Gushel-Mukai fourfolds and the Beauville-Voisin filtration*, available on arXiv:2202.09811.

- *Beauville-Voisin filtrations on zero cycles of moduli space of stable sheaves on K3 surfaces* (with Zhiyuan Li), available on arXiv:2201.00493.

- *Bloch's conjecture for (anti-)autoequivalences on K3 surfaces* (with Zhiyuan Li and Xun Yu), available on arXiv:2305.10078

CONFERENCES

1. Workshop on Algebraic Geometry, July 2019, Fudan University, Shanghai.

2. The second National Algebraic Geometry Conference, July 2019, East China Normal University, Shanghai.

3. Tianyuan Advanced Seminar in Algebraic Geometry, May 2019, Tianjin University, Tianjin.

4. Winter school on Algebraic Curves, Riemann surfaces and Moduli Spaces, March 2019, MCM, Beijing.

5. Joint Annual Conference of AMS-CMS, June 2018, Fudan University, Shanghai.

6. Program of Moduli Spaces and Varieties, Sept 2018, SCMS, Shanghai.

7. Tianyuan Advanced Seminar on Moduli Spaces in Algebraic Geometry, March 2017, BICMR, Beijing.

TEACHING EXPERIENCES

- Fall 2017: TA for Mathematical analysis

- Spring 2018: TA for Abstract algebra

- Summer 2018: Instructor for Algebra II.

SKILLS

Languages: Chinese (mother language), English (Fluent)
Coding: Latex