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Current (Research) Interests

- Representation theory and number theory, in particular automorphic forms (supervised by Prof. Shanwen Wang).
- Complex geometry (especially algebraic geometry perspective).

Education

- Undergraduate, Mathematics 09.2020 - Present
[The Experimental Class for Top Talents Program](#), Renmin Univ. of China
- [Enhanced program for Graduate Study](#) (visiting research student), **BIMCR**,
2023.2 - present

Scientific Research Foundation

- [Modular Forms, Geometric Modular Forms and Automorphic Forms](#)
Bichang Lei, Mucheng Dong, Yu Yao, **Zhiqi Zhu**, 04.2022-03.2023

Attended Mini Courses/Seminars

- Elliptic Curves, In progress
- [2022 Summer School on Differential Geometry](#), BIMCR, 2022.8
- [Harmonic Analysis on Manifolds](#), Tianyuan Mathematical Center in Southeast China,
- [Several Complex Variables and Complex Geometry](#), Tianyuan Mathematical Center in Southeast China
- [Algebraic number theory](#), summer school, Nanjing University, 2022.7
- [Deformation theory of complex manifolds via DGLA](#), BIMSA. 2022 Spring

Talks/Seminars Organized

- Lie groups and the representation theory 2022 Spring
- Differential manifolds, differential topology 2021 Winter
- Topology 2021 Spring

Languages

- Chinese Native
- English Working Proficiency
- Latex Working Proficiency
- Html & C Elementary
- French Learning

Extra Graduate Courses have taken

- Representation Theory of Groups, 2022 Spring
- Riemann Surfaces, (Audited) 2022 Spring
- Commutative Algebra, 2022 Autumn, 2023 Spring
- Homological Algebra, 2022 Spring, 2023 Spring
- Homology Theory (Taking in BICMR), 2023 Spring
- Representation Theory (Taking in BICMR), 2023 Spring
- Modular Forms and Number Theory (Taking in PKU), 2023 Spring
- Number Theory II (Auditing in PKU) 2023 Spring
- Number Theory: Perfectoid Fields (Taking in PKU). 2023 Spring
- Homology Theory and Characteristic Classes (Auditing in PKU), 2023 Spring
- Number Theory II (Auditing in PKU) 2023 Spring

Interests and Specialists

- Piano and classical music,
- Swimming (university team), badminton (school of mathematics team), football (school of mathematics team, coach).