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Overall GPA:3.6/4.0; Major CGA: 3.84/4.0

Current (Research) Interests (Advisor: Prof. Shanwen Wang, Ecole Ploytechnique Dr.)

- **Representation Theory** and **Number Theory**, in particular **automorphic forms.**

- Algebraic Geometry, including Complex Geometry and Arithmetic Geometry,

- Harmonic Analysis.

Education

- Visiting Research Student, **BIMCR,**   2023.8 - Present

- Undergraduate, Mathematics,   2020.9 - Present

   The Experimental Class for Top Talents Program, Renmin Univ. of China

- Enhanced program for Graduate Study (visiting research student), BIMCR,

          2023.2 - 2023.7

Teaching Assistant

- **Modular Forms (Graduate course),**   2023.9 - Present

- **Mathematical Analysis III (2rd year course),**   2023.9 - Present

- **Calculus (1st year course),**   2023.9 - Present

- Real Analysis (2nd year course).   2023.2 - 2023.6

Undergraduate Research Opportunities

- Modular Forms, Geometric Modular Forms and Automorphic Forms,

          2022.4 - 2023.4

   Bichang Lei, Mucheng Dong, Yu Yao, **Zhiqi Zhu**.

Attended Mini Courses/Seminars

- Local Fields, Renmin University of China,   2022.6 - Present

- Arizona Preliminary Winter School, Arizona (Online),   2023.9 - Present

- Core topics in modern number theory, YMSC,   2022.12 - 2023.6

- 2022 Summer School on Differential Geometry, BIMCR,   2022.8

- Algebraic number theory, summer school, Nanjing University.   2022.7

Talks/Seminars Organized

- **Repn Theory on the Archimedean Place with Emphasis on GL(2),**   **Ongoing**
- **Algebraic Geometry and Elliptic Curves,**   2022.9 - Present
- Category Theory and Homological Algebra,   2023 Spring
- Lie groups and the representation theory,   2022 Spring
- Differential manifolds, differential topology,   2021 Winter

Languages

- **Chinese**   Native
- **English**   Working Proficiency
- Latex   Working Proficiency
- French   Learning

  J'ai essayé de lire quelques articles en français.

Extra Graduate Courses have taken

- Automorphic Representation,   2023 Summer
- Homology Theory (BICMR course),   2023 Spring
- Representation Theory (BICMR course),   2023 Spring
- Modular Forms and Number Theory (PKU course),   2023 Spring
- Number Theory: Perfectoid Spaces (PKU course),   2023 Spring
- Homology Theory and Characteristic Classes (Audited in PKU),   2023 Spring
- Commutative Algebra, Homological Algebra,   2023 Spring
- Riemannian Geometry,   2022 Summer, 2023 Spring
- Complex Geometry,   2022 Summer
- Representation Theory of Groups,   2022 Spring
- Riemann Surfaces, (Audited)   2022 Spring
- Harmonic Analysis and Singular Operator Theory   2022 Spring

Interests and Specialists

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