ZHIQI ZHU

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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).

- Harmonic analysis.

Education

- Undergraduate, Mathematics   09/2020 - Present

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

Scientific Research Foundation

- Modular Forms, Geometric Modular Forms and Automorphic Forms   In progress

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

Attended Mini Courses/Seminars

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

  2023.2-present

- Elliptic Curves,   In progress

- 2022 Summer School on Differential Geometry, BIMCR,   2022.8

- Harmonic Analysis on Manifolds, Tianyuan Mathematical Center in Southeast China,

- Serveral 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

Interests and Specialists

- Piano and classical music,

- Swimming (university team), badminton (school of mathematics team), football (school of mathematics team, coach).

Extra Graduate Courses have taken

- Representation Theory of Groups,   2022 Spring

- Riemann Surfaces,   2022 Spring

- Commutative Algebra,   2022 Autumn

- Homological Algebra,   2022 Spring

- Homology Theory and Characteristic Classes (Taking),   2023 Spring

- Modular Forms and Number Theory (Taking),   2023 Spring

- Number Theory II: LCFT (Taking),   2023 Spring

- Number Theory: Perfectoid Fields (Taking).   2023 Spring