

ZHIQI ZHU

[Renmin University of China](#)

Email: 2020201471@ruc.edu.cn

[School of Mathematics](#)

or: 1933283775@qq.com

Haidian, Beijing 100872

Phone: +86 184 5837 7371

People's Republic of China

[blog](#) & homepage: <https://pmenom.github.io/EnHome.html>

Add: No. 59, Zhongguancun St, Haidian District, Beijing, 100872, P. R. China

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, BIMCR, Accepted and upcoming
- 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 |

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 (no credit)

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|------------------------------------|-------------|
| • Representation Theory of Groups, | 2022 Spring |
| • Riemann Surfaces, | 2022 Spring |
| • Commutative Algebra, | 2022 Autumn |
| • Homological Algebra, | 2022 Spring |
| • Harmonic Analysis. | 2022 Spring |