

Curriculum Vitae

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Study Interests

The intersection of geometry, algebraic D-modules and representation theory

Education

- Feb – June 2024 **BICMR** – Peking, P.R.China
Enhanced Program for Graduate Study
- 2021 – now **Shandong University** – Jinan, Shandong, P.R.China
The School of Mathematics
- 2020 – 2021 **Shandong University** – Jinan, Shandong, P.R.China
The School of CSE

Summer school & Minicourse

- July 2023 **Summer school on Geometry and Topology** in TMSCS
Quantum group *Prof: Xueqing Chen*
Graded differential geometry *Prof: Zhuo chen*
Poisson geometry *Prof: Xianmeng Xu and Doc. Yu Li*
- June 2023 **Mordell-Weil Theorem** short course in TMSE
Prof: Qing Liu
- July-Aug 2022 **Postgraduate Summer School on Dirac Cohomology and Langlands Functoriality**
Prof: Jingsong Huang
- January 2022 **Galois theory and Galois cohomology** short course from UCAS
Prof: Yongquan Hu

Academic Experience

- April 2022 – April 2023 **Number theory and harmonic analysis**
About using decoupling techniques on p-adic field to give an asymptotic estimate for solutions of certain diophantine equations.
Advisor: *Prof. Xianchang Meng*

Seminars

Fall 2023 - now	Etale cohomology <i>with Shutao Bi</i>
Fall 2023	Commutative algebras <i>Organizer: Jiacheng Li</i>
Sep 2023	Birch-Goldbach Theorems <i>Organizer: Sizhe Xie</i>
Spring 2023	Fourier restriction and decoupling
Fall 2022	Lie algebras and linear algebraic groups <i>with Ziwei Wei</i>

Graduate Courses.

Spring 2023	Selected topics in harmonic analysis score: 96 Prof: Liangpan Li
Fall 2022	Algebraic Geometry score: 98 Prof: Qifeng Li
Fall 2022	Modular forms score: 98 Prof: Bingrong Huang
Spring 2022	Probabilistic Number Theory and Applications score: 99 Prof: Xianchang Meng
Fall 2021	Advanced modern Algebra score: 89 Prof: Lilu Zhao

Honors and Scholarships

2022	Academic Scholarship
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Skills

Language	Chinese, French(DELF B1), English(IELTS 6.5)
Software	Matlab, python, C