Yinying Huang

Curriculum Vitae

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Education

2020–   **Ph.D. in Mathematics**, Peking university, Beijing, China.
○ under supervision of **Prof. Zhiqiang Li**

2016–2020 **B.Sc. in Mathematics and Applied Mathematics**, Beijing Institute of Technology, Beijing, China.

Research Interests

○ **Ergodic optimization**
○ **Continued fraction**

Honors & Awards

○ Outstanding Graduate (Beijing), 2020
○ National Scholarship (China), 2018

Publications and preprints

○ (With Z. Hao, O. Jenkinson, and Z. Li), Ergodic optimization for the beta-transformations, (arxiv:2502.12269). preprint. 46 pages.

Teaching Experiences

2025 Spring **Teaching Assistant**, Calculus, Peking University.
2024 Fall   **Teaching Assistant**, Calculus, Peking University.
2024 Spring **Teaching Assistant**, Calculus, Peking University.
2023 Fall   **Teaching Assistant**, Calculus, Peking University.
2023 Spring **Teaching Assistant**, Calculus, Peking University.
2022 Fall   **Teaching Assistant**, Linear Algebra, Peking University.
2022 Spring **Teaching Assistant**, Calculus, Peking University.
2021 Fall   **Teaching Assistant**, Topology, Peking University.
2021-Spring **Teaching Assistant**, Differential Manifolds, Peking University.

Languages

○ Mandarin: Native
○ English: Fluent

References

○ **Zhiqiang Li**
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