

Hanlin Hao  
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## EDUCATION

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- **Universität Bonn, Bonn** Oct.2024-  
*M.S.in Mathematics*
- **Wuhan University, Wuhan** Mar.2021-present  
*B.A.in Science, Mathematics and applied mathematics* GPA: 3.80/4
- **Wuhan University, Wuhan** Sep.2020-Mar.2021  
*B.A.in Science, Biology Science* GPA: 3.74/4

## PERSONAL PROJECTS

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- **Graduation Thesis** Jan.2024-May.2024  
*Complex torus and line bundle*
  - Tools & technologies used: Latex
  - Acquired relevant knowledge about Sheaf theory, Hodge theory, etc.
- **Cambridge Winter Programme in Theoretical Neuroscience** Jan.2021-Mar.2021  
*Researched Balanced Network Models of Cortical Circuits*
- **MAPSS 2025** 15.August.2025 - 24.August.2025  
*Mathematical Physics Summer School*
- **ENTR Workshop 25**  
*The Early Number Theory Researchers Workshop 2025*

## TECHNICAL SKILLS AND INTERESTS

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**Languages:** 6.5

**Computer Skills:** Proficient in C, Python, Matlab, Latex

**Coursework:** Numerical Analysis, *Convergence proof of the Broyden Rank-1 method*

**Areas of Interest:** Complex Geometry, Algebraic Geometry, Symplectic Geometry

## SEMINAR

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