

Binhe Huang



CONTACT

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- 👤 01 Nov 2002

POST

- 2017.09--2020.06
Serve as a math teacher's assistant
- 2020.09—2024.06
Take charge of the study commissioner

CERTIFICATION

IELTS : 6.5
CET6 : 440
CET4 : 491

HOBBIES

- Playing basketball
- Singing Cantonese song

ACHIEVEMENTS

1. Merit Student for the 2020-2021 Academic Year
2. Merit Student for the 2021-2022 Academic Year
3. The Third Prize of Mathematics Competition of SCUT in 2022
4. Successful Participant of Mathematical Contest In Modeling in 2022
5. The Second Prize Scholarship for the 2020-2021 Academic Year
6. The Second Prize Scholarship for the 2021-2022 Academic Year

Profile

I am a junior majoring in Mathematics and Applied Mathematics at South China University of Technology.

I have good professional skills and good team work spirit. Moreover, I am very passionate about mathematics, especially algebra.

Reading List

- 2022.03-2022.06
Advanced Modern Algebra by Joseph J. Rotman
- 2022.09-2022.12
Representations of Lie Algebras: An Introduction Though gl \mathfrak{n}
- 2022.12-2023.02
Galois Theory by Harold M. Edwards
- 2023.03 -2023.06
Representation Theory of Finite Groups: An Introductory Approach by Benjamain

Solid foundation

I **studied** advanced modern algebra **independently** in order to understand Teacher Sun's seminar about homological algebra.

Lie Algebra

By attending the seminar led by Teacher Zhihua Chang, I learned a lot about Lie Algebra. What impressed me most in this book was the discussions about **integral gl \mathfrak{n} -modules**.

Interest driven

I am eager to figure out how Galois came to such a wonderful conclusion that the general equation of degree 5 or higher is not solvable by radicals. His idea is really **amazing**.

Representation Theory

This book broadens my horizons. I learned a lot about the application of Representation theory, especially the application of **Fourier Analysis on groups**.