

# Curriculum Vitae

**Wei ZiWei(魏子惟)**

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## Study Interests

The intersection of algebraic geometry, representation theory and mathematical physics

## Education

- 2020 – Present    **Shandong University** – Jinan, Shandong, P.R.China  
Mathematics and Applied Mathematics School of Mathematics  
*GPA: 82.52 RANK: 9/27.*
- 2019 – 2020    **Shandong University** – Jinan, Shandong, P.R.China  
Study in School of Energy and Power Engineering

## International Program

- Summer 2022    **UTokyo Global Unit Courses** – online  
Group Theory and Its Applications–Introduction to Beautiful Modern Mathematics  
(Prof. Yukari ITO)  
*Grade: A.*

## Honors and Scholarships

- 2020    Academic Scholarship(3<sup>rd</sup>)  
(*School of Mathematics, Shandong University*).
- 2020    Specialty Scholarship(Research)(2<sup>nd</sup>)  
(*School of Mathematics, Shandong University*).

## Undergraduate Seminars & Graduate Courses.

- Summer 2022    **Postgraduate Summer School on Dirac Cohomology and Langlands Functoriality(Summer School)**  
Lecturer: Prof: Jing-Song Huang
- Fall 2021    **Algebraic Topology(Undergraduate Seminar)**  
Ref: Differential Forms in Algebraic Topology by Bott & Tu
- Spring 2021    **Algebraic Geometry(Undergraduate Seminar)**  
-Fall 2021    Ref: Algebraic Geometry by Hartshorne Ch.1-2

- Spring 2021     **Graduated Algebra(Graduated Course)**  
Ref: Basic Algebra II by Jacobson
- Spring 2021     **Advanced Abstract Algebra(Undergraduate Seminar)**  
Topics: Lie algebras and their representations  
Ref: Introduction to Lie Algebra and Representation Theory by Humphreys
- Fall 2021        **Advanced Real Analysis(Undergraduate Seminar)**  
Ref: Functional Analysis, Sobolev Spaces and Partial Differential Equations by Brezis