Xiaoxiang Zhou
Curriculum Vitae

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https://ramified.github.io/

BASIC INFORMATION

FAMILY NAME	Zhou
GIVEN NAME	Xiaoxiang
NATIONALITY	China
DATE OF BIRTH	09/03/1999

TEACHING ASSISTENT WORK

2022/23 WS — **Mathematik für Physiker III**
Instructor: Dr. Illia Karabash

2018/19 WS — **Mathematical Analysis A1**
Instructor: Prof. Guangbin Ren

SEMINARS & SUMMER SCHOOL

21-22 — **ARGOS**
Admissible Canonical Bundle I
L-parameters

20-21 — **Seminars on Representation**
Geometrical realization of $(\mathbf{g}, K)$-modules
Springer fibers for $SL_n(\mathbb{C})$

18-19 — **Hua Loo-Keng Seminars**
The Schur-Horn Theorem

2018 — The 1st International Undergraduate
Mathematics Summer School

INTERESTED FIELDS

- Perverse sheaf, characteristic cycle;
- Flag variety, especially $\mathbb{P}^1$;
- Modular Forms.

PREPRINTS & THESIS

2023 — **Master Thesis**: Geometry of Quiver Flag Varieties
Instructors: Prof. Stroppel, Dr. Eberhardt

2022 — **Preprint**: Affine Pavings of Quiver Flag Varieties
Instructor: Dr. Eberhardt

2020 — **Bachelor Thesis**: Modular form and Equations of degree 5
Instructor: A.P. Jinxing Xu

2019 — **Research Project:** Mordell Theorem
Instructor: Prof. Wen-wei Li

EDUCATION

2023 – NOW — **Ph.D.**
INSTRUCTOR: PROF. DR. THOMAS KRÄMER
Department of Mathematics
Humboldt-Universität zu Berlin
in Berlin, Germany

2020 – 2023 — **Master of Sciences**
Department of Mathematics
Bonn University   in Bonn, Germany

2016 – 2020 — **Bachelor of Sciences**
HUA LOO-KENG TALENT PROGRAM (FROM 2017)
School of the Gifted Young
University of Science and Technology
of China, Hefei, Anhui, China

2018   FALL — **Exchange Program (BICMR)**
ENHANCED PROGRAM FOR GRADUATE STUDY

2014 – 2016 — **Senior High School**
the Affiliated High School
of Fujian Normal University

COMPUTER AND LANGUAGE SKILLS

BEGINNER	HTML and javascript
	French and German
EXPERT	LaTeX
TOEFL	R:27 L:20 S:19 W:26 (now invalid)

HOBBIES AND SPORTS

HOBBIES	Build the Web Page
	Go Traveling
SPORTS	Badminton & Table Tennis Ball