

Xu Zhuang

Graduate Student

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Linkedin

EDUCATION

- **University of California, Irvine** California
Ph.D., Mathematics *September 2022-present*
- **Jilin University** Jilin Province
B.S. in Mathematics *August 2018-June 2022*

RESEARCH INTERESTS

- Coding theory and Arithmetic geometry

PROFESSIONAL ACTIVITIES

- Directed Reading Project(2023 Winter): Probabilistic methods in Combinatorics(Xingjian Wang)

PREPRINTS

- 1 The Jacobian of a Sixth-Root-of-Unity Matroid (With Matthew Baker and Changxin Ding).
Submitted for publication. <https://arxiv.org/abs/2308.11760>

TEACHING

- 2023 Winter: Grader for Linear Algebra II(MATH 121B), Introduction to Probability I(MATH 131A)
- 2023 Spring : Grader for Introduction to Abstract Math(MATH 13), Linear Algebra I(MATH 121A), Introduction to Probability I(MATH 131A)
- 2024 Fall and 2024 Winter: MATH 2B
- 2024 Spring: MATH 2D

SKILLS

- Python
- \LaTeX
- SageMath