Yifan Chen

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EDUCATION

The University of California, Berkeley — Berkeley, US
Ph.D. in Mathematics, Advisor: Song Sun — 2020–Current

Tsinghua University — Beijing, China
B.S. in Mathematics. Advisor: Jian Xiao — 2016–2020

PREPRINTS

[1] Y. Chen. *Calabi-Yau metrics of Calabi type with polynomial rate of convergence.* 2024. arXiv: 2404.18070.

INVITED TALKS

More Complete Calabi-Yau Metrics of Calabi Type.

- Aarhus Complex Geometry Workshop, Aarhus University — June 2024
- Colloquia at Institute of Geometry and Physics, USTC — June 2024
- PDE methods in complex geometry, AIM Workshop, Caltech — August 2024
- Introductory Workshop: Special Geometric Structures and Analysis, SLMath — September 2024

TEACHING

- **Graduate Student Instructor at UC Berkeley**

  Discrete Mathematics (Math 55) — Fall 2024

  Analytic Geometry and Calculus (Math 16A) — Fall 2023

  Analytic Geometry and Calculus (Math 16B) — Fall 2022

  Analytic Geometry and Calculus (Math 16A) — Spring 2022

  Linear Algebra (Math 110) — Fall 2021

  Methods of Mathematics: Calculus, Statistics and Combinatorics (Math 10B) — Spring 2021

- **Mentoring at UC Berkeley**

  Raymond Tsao, Final paper: Behavior of geodesics — Fall 2023

SCHOLARSHIPS AND AWARDS

- KCSW Fellowship — Spring 2023