Yufan Zhou

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Education

- **Ph.D. in Mathematics**, Pennsylvania State University (2024 – Present)

- **Honors B.S. in Mathematics**, Purdue University (2021 – 2024)

Research Interests

- Transportation problems

- Modern Calculus of Variations

- Stochastic Analysis

Publications

- **Y. Gao, Y. Zhou**, *Hamilton Dynamics in Chemical Reactions: the Maupertuis Principle, Transition Paths and Energy Landscape, Multiscale Modeling and Simulation*, 2(2023): 245-288, https://doi.org/10.4208/cmaa.2023-0003 .

Scholarships

- Jack and Eleanor Pettit Scholarship in Science Award credited, $2675, Pennsylvania State University, Fall 2024

- Senior Achievement Award in Mathematics, $500, Purdue University, April 2024,

- Helen Clark Wight Scholarship Purdue University, $3000, May 2023,