

Zhizhou Liu

Curriculum Vitae

Education

- 2019 – 2023 **Bachelor of Science in Mathematics**, *Department of Mathematics*, Southern University of Science and Technology (SUSTech), Shenzhen, China.
Thesis Title: Analysis on Ergodicity of Monotone SODEs,
Advisor: Prof. Zihui Liu GPA: 3.57/4.0
- 2023 – Now **Master of Science in Statistics**, *Department of Statistics and Actuarial Science*, The University of Hong Kong (HKU), Hong Kong SAR.
GPA (until 1st semester): 3.62/4.3
- Future **PhD candidate in Mathematics**, *Department of Mathematics*, The Hong Kong University of Science and Technology (HKUST), Hong Kong SAR.
Advisor: Prof. Maximilian Nitzschner

Publications and Preprints

- [1] Zihui Liu and **Zhizhou Liu**: Unique Ergodicity of Stochastic Theta Method for Monotone SDEs driven by Nondegenerate Multiplicative Noise, *Preprint*, available at arXiv:2401.01112.

Teaching

- Spring, 2022 Tutorial for Probability and Statistics (MA 212), with Prof. Zihui Liu in SUSTech

Awards and Scholarships

- 2022 **University Scholarship**, *First Level*, SUSTech.

Areas of interest

- Probability Theory.