Xiaopeng Li

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Education

Columbia University   New York, U.S.
Ph.D. in Operations Research.   Sept 2020 – present
M.S. in Operations Research.   Sept 2020 – May 2021

The Chinese University of Hong Kong, Shenzhen (CUHK(SZ))   Shenzhen, China
B.S. in Applied Mathematics.   Sept 2016 – May 2020

Publications

- Josz, C., & Li, X. (2023). Certifying the absence of spurious local minima at infinity. arXiv preprint arXiv:2303.03536.

Teaching Experience

Teaching Assistant   **Columbia University**
- IEOR E 3404 Simulation, Spring 2021.

Undergraduate Student Teaching Fellows   **CUHK(SZ)**
- Mathematical Analysis I & II, Fall 2017 & Spring 2018.
- Ordinary Differential Equations, Spring 2019 & Spring 2020.
- Elementary Real Analysis, Fall 2019.

Talks

- SIAM Conference on Optimization, Seattle, June 2nd, 2023, *Certifying the absence of spurious local minima at infinity.*
- INFORMS Annual Meeting, Indianapolis, Oct. 18th, 2022, *Certifying the absence of spurious local minima at infinity.*
- International Conference on Continuous Optimization, Lehigh University, July 26th, 2022, *Certifying the absence of spurious local minima at infinity.*

Honors & Awards

- Academic Performance Scholarship (CUHK(SZ), 2017, 2018 & 2019)
- Dean's List (CUHK(SZ), 2017, 2018 & 2019)
- Undergraduate Research Award (CUHK(SZ), 2018 & 2019)
- Second Prize in China Undergraduate Mathematical Contest in Modeling (China, 2018)
- Second Prize in National College Students Mathematical Competition (China, 2018)

Skills

- **Computer Skills**: C++, Python, MATLAB, R, Lingo, LaTeX.
- **Language Skills**: Chinese (Native); English (Fluent, TOEFL: 108); French (Beginner).