



Haitian LI

PHD CANDIDATE

The Hong Kong Polytechnic University, Hong Kong, China

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Education

The Hong Kong Polytechnic University

PhD in Computational Mathematics

- Co-supervised by Dr. Zaikun Zhang and Prof. Xiaojun Chen.

Hong Kong, China

Sept. 2021–now

The Chinese University of Hong Kong, Shenzhen

MSc in Financial Engineering

- Graduated in Financial Engineering.

Shenzhen, China

Sept. 2019–2021

Jilin University

Bsc in Maths and Applied Maths

- Graduated in Maths and Applied Maths.

Changchun, China

Sept. 2015–Jun. 2019

Work experience

The Hong Kong Polytechnic University

Research Assistant

- supervised by Dr. Zaikun Zhang.

Hong Kong, China

Sept. 2021–now

Research interests

My research interests include mathematical optimization and its applications, especially

- derivative-free optimization methods, and
- direct search methods.

Publications

SOFTWARE

BDS: a Matlab package for solving unconstrained optimization problems without using derivatives

H. L., Z. Zhang

Version developing, 2023. URL: <https://github.com/blockwise-direct-search/bds>

Presentations

- 2023 **The 9th Graduate Forum of Mathematical Programming Branch of Operations Research of China,**
Blockwise Direct-Search Methods

Chongqing, China

Skills

Programming MATLAB.

Miscellaneous Linux, \LaTeX , Git.

Languages

Chinese Proficiency

English Professional working proficiency

Cantonese Elementary proficiency