

WANTENG MA

Department of Mathematics, HKUST, Clear Water Bay, Hong Kong SAR

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EDUCATION

The Hong Kong University of Science and Technology M.Phil in Mathematics	2021 - 2024 GPA: 4.155/4.3
Zhejiang University, Chu Kochen Honors College B.S. in Statistics (with honors) B.B.A. in Management Information Systems Ranking: Top 2% (1/64)	2017 - 2021 GPA: 3.94/4.0

AWARDS AND SCHOLARSHIPS

RedBird Award , HKUST	2021
Hong Kong PhD Fellowship , Research Grants Council of HK <i>Top 300 among all the PhD students in Hong Kong</i>	2021
Outstanding Graduate , Zhejiang University	2021
National Scholarship , Ministry of Education of the P.R.C. <i>Top 1% among all the students in the Chu Kochen Honors College</i>	2019
Scholarship for Excellence , CKC College, Zhejiang University <i>Top 5% among all the students in the Chu Kochen Honors College</i>	2019
First Prize in The Chinese Mathematics Competitions , Zhejiang Mathematical Society	2019
Meritorious Winner in Mathematical Contest In Modeling , COMAP <i>Top 6% among all the participants in the contest</i>	2019
First-Class Scholarship for Outstanding Students , Zhejiang University <i>Top 10% among all the students in the Chu Kochen Honors College</i>	2018, 2019

RESEARCH INTERESTS

High-dimensional Inference, Multiple Testing, Online Learning, Optimization

PUBLICATIONS AND MANUSCRIPTS

- [1]: Optimal Regularized Online Allocation by Adaptive Re-Solving. [\[pdf\]](#)
Wanteng Ma, Ying Cao, Danny H.K. Tsang, and Dong Xia.
Under **minor** revision at *Operations Research*
- [2]: Multiple Testing of Linear Forms for Noisy Matrix Completion. [\[pdf\]](#)
Wanteng Ma, Lilun Du, Dong Xia, and Ming Yuan.
Submitted to *Journal of the American Statistical Association*
- [3]: High-dimensional Linear Bandits with Knapsacks. [\[pdf\]](#)
Wanteng Ma, Dong Xia, and Jiashuo Jiang.
A short version submitted to the *41st International Conference on Machine Learning* (ICML 2024)

PROGRAMMING SKILLS

Proficient at: Matlab, R, Python, PyTorch
Familiar with: C, Java, SQL

TEACHING EXPERIENCE

TA in the Hong Kong University of Science and Technology:

MATH 1013 - Calculus IB

2023 Fall

MATH 3424 - Regression Analysis

2023 Spring

MATH 4424 - Multivariate Analysis

2022 Fall

MATH 2411 - Applied Statistics

2022 Spring

ACADEMIC ACTIVITIES

Reviewer for the following journals: Journal of Machine Learning Research, Journal of Econometrics

Conference presentations:

- **14th POMS-HK International Conference**

HKUST, Hong Kong SAR

Jan 5-6, 2024

Other attended conferences:

- **The 12th ICSA International Conference**

Chinese University of Hong Kong, Hong Kong SAR

Jul 7-9, 2023

- **International Conference on Applied Mathematics 2023**

City University of Hong Kong, Hong Kong SAR

May 30-Jun 03, 2023

- **2022 IMS International Conference on Statistics and Data Science (ICSIDS)**

Florence, Italy

Dec 13-16, 2022

- **The 11th ICSA International Conference**

Hangzhou, China

Dec 20-22, 2019