SHUO XING

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EDUCATION

The Hong Kong University of Science and Technology, Hong Kong SAR   Jul. 2022 – Present
Research Internship at the Statistics and Machine Learning Research Group (Remote and Part-time)

Nankai University, Tianjin, China   Sept. 2020 – Present
Master of Science in Applied Mathematics
- Overall GPA: 89.95/100

Ningxia University, Ningxia, China   Aug. 2016 – Jun. 2020
Bachelor of Science in Information and Computing Science
- Overall GPA: 3.733/4.0 Major GPA: 3.78/4.0 (Rank: 1/153)

PUBLICATIONS

[1] Wenhui Zhang, Peixin Ye, and **Shuo Xing**. Optimality of the Rescaled Pure Greedy Learning Algorithm, accepted by *International Journal of Wavelets, Multiresolution and Information Processing*.

[2] Wenhui Zhang, Peixin Ye, **Shuo Xing**, and Xu Xu. Optimality of the Approximation and Learning by the Rescaled Pure Super Greedy Algorithms. *Axioms*. 2022; 11(9):437.

[3] Chunfang Shao, Jincai Chang, Peixin Ye, Wenhui Zhang, and **Shuo Xing**. Almost Optimality of the Orthogonal Super Greedy Algorithm for μ-Coherent Dictionaries. *Axioms*. 2022; 11(5):186.

WORKING PAPERS

[1] Shizhe Diao*, Rui Pan*, **Shuo Xing***, Tong Zhang. Evolutionary Prompt with Automatic Black-Box Learning, unpublished manuscript. (* indicates equal contribution)

[2] Chunfang Shao, Xiujie Wei, Peixin Ye and **Shuo Xing**[†]. Efficiency of Orthogonal Matching Pursuit for Group Sparse Recovery, submitted to *Axioms*. († indicates the corresponding author)

[3] LIN Yong, Lu Tan, Hanze Dong, **Shuo Xing**, Shizhe Diao, WEIZHONG ZHANG, and Tong Zhang. Pre-trained Feature Protection for Robust Out of Distribution Generalization, submitted to *ICML 2023 Conference*.

HONORS AND AWARDS

First-Class Scholarship (Title Sponsor: HUAWEI), Nankai University	Oct. 2022
3rd Prize, Award on 18th "HUAWEI Cup" Post-Graduate Mathematical Contest in Modeling	Dec. 2021
Grand 3, Outstanding Freshman Scholarship, Nankai University	Sept. 2020
Outstanding Graduation Thesis, Ningxia University	May. 2020
3rd Prize, Award on 2018 Asia and Pacific Mathematical Contest in Modeling	Nov. 2018
National Scholarship of Encouragement, Ningxia University	2018, 2019
Honorable Mention, Award on MCM/ICM	Apr. 2018
First-Class Scholarship, Ningxia University	2017, 2018, 2019

SKILLS

Programming: Matlab, Pytorch, Fortran, C, Maple, LaTeX
Languages: Chinese, English (IELTS: 7.0)