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Research interests

Deep Learning Theory, Optimization

Education

2022 – 2025 **University of Chinese Academy of Sciences**
M.Eng. in Computer Technology

2018 – 2022 **Sun Yat-sen University**
B.S. in Physics

Publications

* - equal contribution, † - corresponding author.

2025 **On the Performance Analysis of Momentum Method: A Frequency Domain Perspective**
Xianliang Li*, Jun Luo*, Zhiwei Zheng*, Hanxiao Wang, Li Luo, Lingkun Wen, Linlong Wu, Sheng Xu†.
International Conference on Learning Representations (ICLR) 2025.

2024 **Systematical Sensor Path Optimization Solutions for AOA Target Localization Accuracy Improvement with Theoretical Analysis**
Sheng Xu, Bing Zhu, **Xianliang Li**, Xinyu Wu, Tiantian Xu†.
IEEE Transactions on Vehicular Technology, 2024.