



Wei Xia 夏伟

Currently, I am pursuing my Ph.D. degree in communication and information system in **Xidian University**, Xi'an, China, fortunately advised by Prof. Quanxue Gao. Before studying in Xidian University, I graduated from Lanzhou University of Technology in 2018, Lanzhou, China. (E-Mail: xd.weixia@gmail.com WeChat: 15229366656)

■ Research Topics

Deep representation learning, multi-modal (cross-modal) learning, graph neural networks, unsupervised learning, self-supervised learning, clustering, etc.

■ Technical Skills

Programming: Python, MATLAB

Deep learning framework: Pytorch, TensorFlow

■ Main Publications

Multiview Subspace Clustering by an Enhanced Tensor Nuclear Norm

Wei Xia, Xiangdong Zhang, Quanxue Gao, Xiaochuang Shu, Jungong Han, and Xinbo Gao
IEEE Transactions on Cybernetics (**IEEE T-CYB**), 2021.

Enhanced Tensor RPCA and its Application

Quanxue Gao, Pu Zhang, **Wei Xia**, Deyan Xie, Xinbo Gao, and Dacheng Tao
IEEE Transactions on Pattern Analysis and Machine Intelligence (**IEEE T-PAMI**), 2021

Tensor Completion-Based Incomplete Multiview Clustering

Wei Xia, Quanxue Gao, Qianqian Wang, and Xinbo Gao
IEEE Transactions on Cybernetics (**IEEE T-CYB**), 2022.

Self-supervised Graph Convolutional Network for Multi-view Clustering

Wei Xia, Qianqian Wang, Quanxue Gao, Xiangdong Zhang, and Xinbo Gao
IEEE Transactions on Multimedia (**IEEE T-MM**), 2021.

Deep Self-Supervised t-SNE for Multi-modal Subspace Clustering

Qianqian Wang, **Wei Xia**, Zhiqiang Tao, Quanxue Gao, and Xiaochun Cao
ACM Multimedia (**ACM MM**), 2021

Tensor-SVD Based Graph Learning for Multi-View Subspace Clustering

Quanxue Gao, **Wei Xia***, Zhizhen Wan, Deyan Xie, Pu Zhang
The Thirty-Fourth AAAI Conference on Artificial Intelligence (**AAAI-20**), 2020

Multi-view graph embedding clustering network: joint self-supervision and block diagonal representation

Wei Xia, Sen Wang, Ming Yang, Quanxue Gao, Jungong Han, Xinbo Gao
Neural Networks (**NN**), 2022

I also published two articles in Neurocomputing.