List of Publications

Tensor Learning Team, RIKEN AIP
https://qibinzhao.github.io

Conference Papers

2022

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[5] C. Li, J. Zeng, Z. Tao, and Q. Zhao. 2022, "Permutation search of tensor network structures via local sampling," in *International Conference on Machine Learning (ICML)*, PMLR, pp. 13 106–13 124.

[6] Y. Li, Z. Sun, and C. Li. 2022, "Are we pruning the correct channels in image-to-image translation models," in *The 33rd British Machine Vision Conference (BMVC) Proceedings*.

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[11] R. Yamamoto, H. Hontani, A. Imakura, and T. Yokota. 2022, "Fast algorithm for low-rank tensor completion in delay-embedded space," in *Proceedings of the IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR)*, pp. 2058–2066.

Journal Papers

2022 [12] X. Chen, G. Zhou, Y. Wang, M. Hou, Q. Zhao, and S. Xie. 2022, "Accommodating multiple tasks' disparities with distributed knowledge-sharing mechanism," *IEEE Transactions on Cybernetics*, vol. 52, no. 4, pp. 2440–2452,

[13] W. He, Y. Chen, N. Yokoya, C. Li, and Q. Zhao. 2022, "Hyperspectral super-resolution via coupled tensor ring factorization," *Pattern Recognition*, vol. 122, p. 108 280,

[14] W. He, Q. Yao, C. Li, N. Yokoya, Q. Zhao, H. Zhang, and L. Zhang. 2022, "Non-local meets global: An iterative paradigm for hyperspectral image restoration," *IEEE Transactions on Pattern Analysis and Machine Intelligence (TPAMI)*, vol. 44, no. 4, pp. 2089–2107,

[15] H. Huang, G. Zhou, N. Liang, Q. Zhao, and S. Xie. 2022, "Diverse deep matrix factorization with hypergraph regularization for multiview data representation," *IEEE/CAA Journal of Automatica Sinica*,

[16] T. Li, G. Zhou, Y. Qiu, and Q. Zhao. 2022, "Understanding convolutional neural networks from theoretical perspective via volterra convolution," *Journal of Machine Learning Research (JMLR)*,

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[22] Y. Qiu, G. Zhou, J. Zeng, Q. Zhao, and S. Xie. 2022, "Imbalanced low-rank tensor completion via latent matrix factorization," *Neural Networks*,

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[24] K. Takahashi, Z. Sun, J. Solé-Casals, A. Cichocki, A. H. Phan, Q. Zhao, H.-H. Zhao, S. Deng, and R. Micheletto. 2022, "Data augmentation for convolutional LSTM based brain computer interface system," *Applied Soft Computing*, p. 108 811,

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[31] D. Zhang, Y. Luo, Y. Yu, Q. Zhao, and G. Zhou. 2022, "Semi-supervised multi-view clustering with dual hypergraph regularized partially shared non-negative matrix factorization," *SCIENCE CHINA: Technological Sciences*,

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Book Chapter

2022 [36] T. Yokota, C. F. Caiafa, and Q. Zhao. 2022, "Tensor methods for low-level vision," in *Tensors for Data Processing*. Elsevier, pp. 371–425.

Book