List of Publications

Tensor Learning Team, RIKEN AIP
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October 7, 2025

Conference Papers

2025

[1] Y. Qiu, A. Wang, C. Li, H. Huang, G. Zhou, and Q. Zhao, "Steps: Sequential probability tensor estimation for text-to-image hard prompt search," in *IEEE / CVF Computer Vision and Pattern Recognition Conference (CVPR)*, 2025.

[2] J. Xiao, T. Huang, L. Deng, G. Lin, Z. Cao, C. Li, and Q. Zhao, "Hyperspectral pansharpening via diffusion models with iteratively zero-shot guidance," in *IEEE / CVF Computer Vision and Pattern Recognition Conference (CVPR)*, 2025.

[3] Y. Li, G. Zhou, Z. Huang, X. Chen, Y. Qiu, and Q. Zhao, "Tensor decomposition based memory-efficient incremental learning," in *International Conference on Machine Learning (ICML)*, PMLR, 2025.

[4] A. Wang, Y. Qiu, Z. Jin, G. Zhou, and Q. Zhao, "Low-rank tensor transitions (lort) for transferable tensor regression," in *International Conference on Machine Learning (ICML)*, PMLR, 2025.

[5] B. Li, Z. Chang, T. Liang, C. Li, T. Tanaka, S. Aoki, Q. Zhao, and Z. Sun, "Parameter-efficient fine-tuning of 3d ddpm for mri image generation using tensor networks," in *Medical Image Computing and Computer Assisted Intervention (MICCAI)*, J. C. Gee, D. C. Alexander, J. Hong, J. E. Iglesias, C. H. Sudre, A. Venkataraman, P. Golland, J. H. Kim, and J. Park, Eds., Cham: Springer Nature Switzerland, 2025, pp. 382–392, ISBN: 978-3-032-04965-0.

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[9] H. Huang, G. Zhou, Y. Zheng, Y. Qiu, A. Wang, and Q. Zhao, "Adversarially robust deep multi-view clustering: A novel attack and defense framework," in *Forty-first International Conference on Machine Learning (ICML)*, 2024.

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[11] J. Zeng, C. Li, Z. Sun, Q. Zhao, and G. Zhou, "Tngps: Discovering unknown tensor network structure search algorithms via large language models (llms)," in *Forty-first International Conference on Machine Learning (ICML)*, 2024.

[12] W. Zhou, S. Bai, S. Yu, Q. Zhao, and B. Chen, "Jacobian regularizer-based neural granger causality," in *Forty-first International Conference on Machine Learning (ICML)*, 2024.

[13] J. Zhang, Y. Hong, D. Cheng, L. Zhang, and Q. Zhao, "Hierarchical attacks on large-scale graph neural networks," in *ICASSP 2024-2024 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP)*, IEEE, 2024, pp. 7635–7639.

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