
PAPER LIST

Oct 24: Training Deep Neural Networks

[Improving Sharpness-Aware Minimization by Lookahead](#)

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Oct 31: Convolutional Neural Networks

[InceptionNeXt: When Inception Meets ConvNeXt](#)

Weihao Yu, Pan Zhou, Shuicheng Yan, Xinchao Wang. CVPR 2024.

<https://github.com/sail-sg/inceptionnext>

Nov 7: Understanding and Visualizing CNNs

[Saliency strikes back: How filtering out high frequencies improves white-box explanations](#)

Sabine Muzellec, Thomas Fel, Victor Boutin, Léo andéol, Rufin VanRullen, Thomas Serre. ICML 2024.

Nov 14: Recurrent Neural Networks

[Were RNNs All We Needed?](#)

Leo Feng, Frederick Tung, Mohamed Osama Ahmed, Yoshua Bengio, Hossein Hajimirsadegh. arXiv 2024.

Nov 21: Transformers

[FasterViT: Fast Vision Transformers with Hierarchical Attention](#)

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<https://github.com/NVlabs/FasterViT>

Dec 5: Generative Adversarial Networks

[CLR-GAN: Improving GANs Stability and Quality via Consistent Latent Representation and Reconstruction](#)

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Dec 12: Autoregressive Models

[AnyGPT: Unified Multimodal LLM with Discrete Sequence Modeling](#)

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Dec 19: Diffusion Models

[UFOGen: You Forward Once Large Scale Text-to-Image Generation via Diffusion GANs](#)

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