



## Implicit Neural Representations with Levels-of-Experts Zekun Hao<sup>1,2</sup> Arun Mallya<sup>1</sup> Serge Belongie<sup>2</sup> Ming-Yu Liu<sup>1</sup>



- different layers.
- The computational cost of a LoE network is independent of number of weight banks. In fact, when #banks = 1, LoE reverts to a regular MLP.

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• LoE achieves the **best performance** at the same computational cost.

• Having **hierarchical weight grids** is crucial for the performance of LoE.

• LoE does not require smooth interpolation of weights to perform well.



LoE supports a **compact latent space**.

It can be used directly as a generator without the need of any auxiliary networks.

