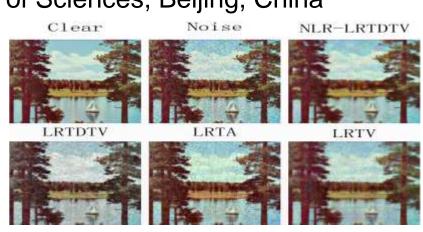# Total Variation Regularized Low-Rank Tensor Decomposition with nonlocal for single image denoising

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- Sparse noise and Gaussian noise are modeled separately.

- Introducing the non-local prior into tensor decomposition with TV model.

- Experiments prove the effectiveness of the proposed method.

Comparison of different methods under different noise cases