- Stavros Efthymiou, Matthew J. S. Beach, and Roger G. Melko, Super-resolving the Ising model with convolutional neural networks, Phys. Rev. B **99**, 075113

  TBD ...

- Shiina, K., Mori, H., Tomita, Y. et al. Inverse renormalization group based on image super-resolution using deep convolutional networks. Sci Rep **11,** 9617 (2021).

  - They study the inverse RG of spin models based on the super-resolution (SR).

  - Instead of spin configuration, they consider improved correlation configuration and propose a block-cluster transformation as an alternative to a block-spin transformation.

  - For the spin models, we treat the 2D Ising model and the 2D three-state Potts model.