

VAE paper

For additional information on Variational Autoencoders, see the original paper that introduces them:

Diederik Kingma and Max Welling. "[Auto-encoding variational Bayes.](#)"

Relevant papers

The paper covered in this module on sparsifying neural networks:

Molchanov, Dmitry, Arsenii Ashukha, and Dmitry Vetrov. "[Variational Dropout Sparsifies Deep Neural Networks.](#)"

Some other examples of successful application of Bayesian methods to deep learning:

Rezende, Danilo Jimenez, and Shakir Mohamed. "[Variational inference with normalizing flows.](#)"

Ullrich, Karen, Edward Meeds, and Max Welling. "[Soft weight-sharing for neural network compression.](#)"