

# Reading List

Courbariaux, M., Bengio, Y. and David, J.P., 2015. Binaryconnect: Training deep neural networks with binary weights during propagations. *Advances in neural information processing systems*, 28.

Rastegari, M., Ordonez, V., Redmon, J. and Farhadi, A., 2016, October. Xnor-net: Imagenet classification using binary convolutional neural networks. In *European conference on computer vision* (pp. 525-542). Springer, Cham.

Qin, H., Gong, R., Liu, X., Bai, X., Song, J. and Sebe, N., 2020. Binary neural networks: A survey. *Pattern Recognition*, 105, p.107281.

Alizadeh, M., Fernández-Marqués, J., Lane, N.D. and Gal, Y., 2018, September. An empirical study of binary neural networks' optimisation. In *International conference on learning representations*.

Gholami, A., Kim, S., Dong, Z., Yao, Z., Mahoney, M.W. and Keutzer, K., 2021. A survey of quantization methods for efficient neural network inference. *arXiv preprint arXiv:2103.13630*.

Sreenivasan, K., Rajput, S., Sohn, J.Y. and Papailiopoulos, D., 2021. Finding Everything within Random Binary Networks. *AISTATS 2022*