

Thesis Changes Log

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PhD Program: Computational and Data Science and Engineering

Title of Thesis: Accurate and efficient methods for neural network compression

Supervisor: Prof. Dmitry Yarotsky

The thesis document includes the following changes in answer to the external review process.

Based on the feedback from the thesis reviewers, the following revisions have been made to the thesis manuscript:

1. An illustration for the concepts of scalar and vector quantization has been added (see Figure 2-2 in Section 2.3.1).
2. An illustration for the alternating optimization of the PV-algorithm has been included (see Figure 9-2 in Section 9.3.1).
3. Typos, grammar, and syntax errors have been corrected.
4. Added paragraph about low-precision training to conclusion.

