



Scientific Computing Center (SCC)

Laboratory for Digitalisation (LFD)

Mind the QApp - Visualizing the Crux in QML

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- *Right*: sampled over different noise levels
- Amplitude/ Phase Damping, Bit/ Phase-Flip, Depolarization







Python package with data-reuploading model, commonly used Ansaetze, and tools in quantum machine learning.



States

Haar Random

States

[1]: Schuld et al. - Effect of data encoding on the expressive power of variational quantum-machine-learning models[2]: Meyer et al. - Global entanglement in multiparticle systems

[3]: Brennen et al. - An observable measure of entanglement for pure states of multi-qubit systems

[4]: Sim et al. - Expressibility and Entangling Capability of Parameterized Quantum Circuits for Hybrid Quantum-Classical Algorithms



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