



MIT iQuHack 2026

2B or not 2B:

The Pulse of Innovation:
Bridging Classical and
Quantum Optimization ✨

FLMA8 Submission - Sareen, Sara, Fadia, Ahmad, Leena

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The Strategy

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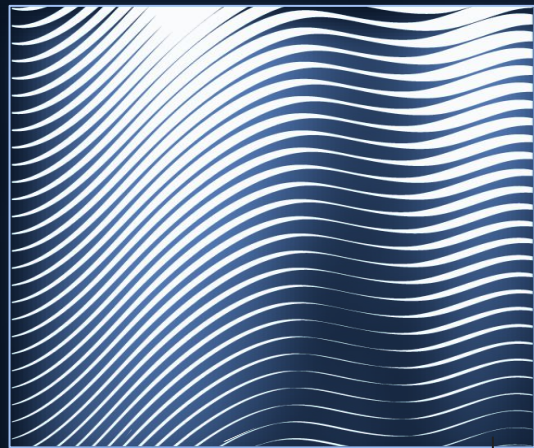
The Process

03

The Results

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The Retrospective



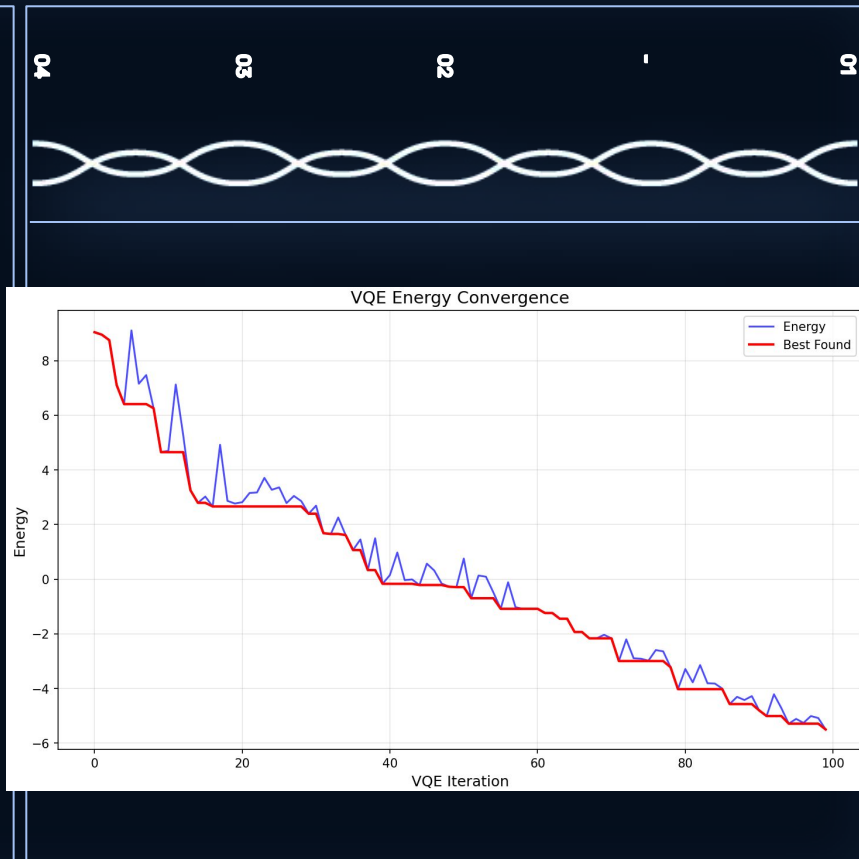
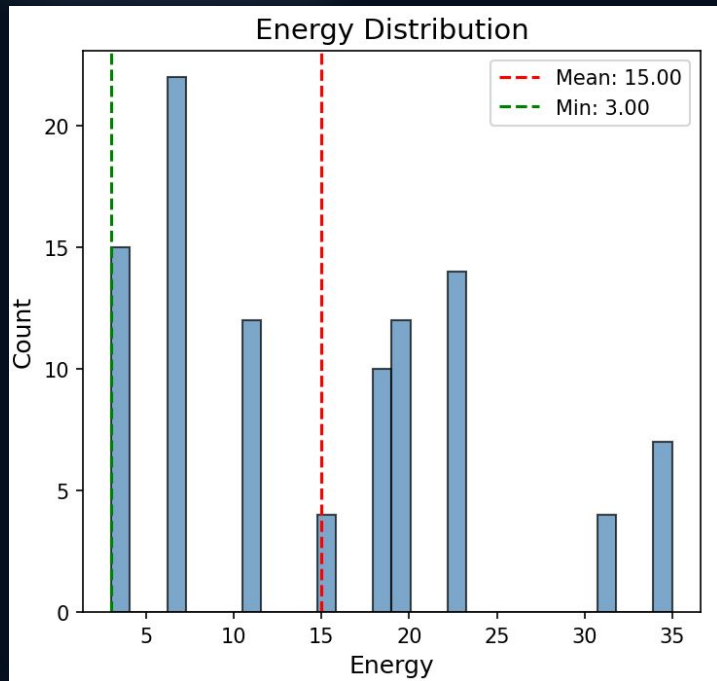
Strategy &

Process

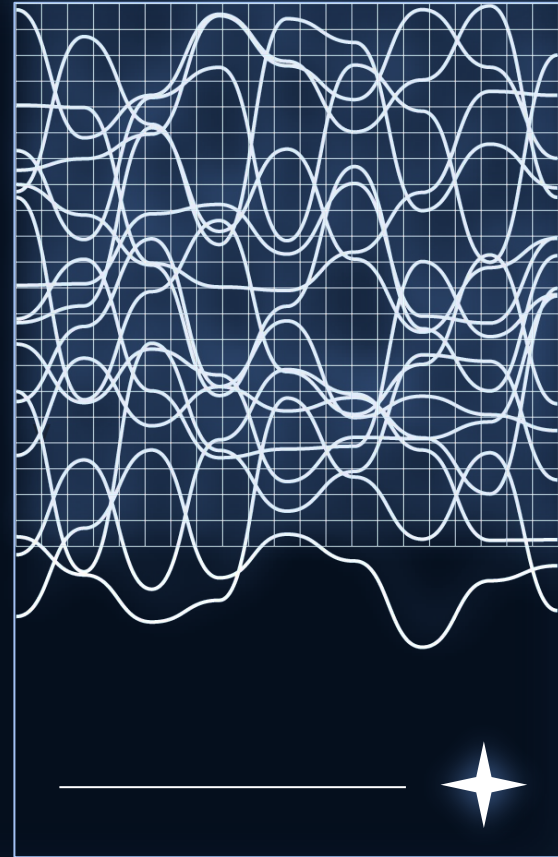
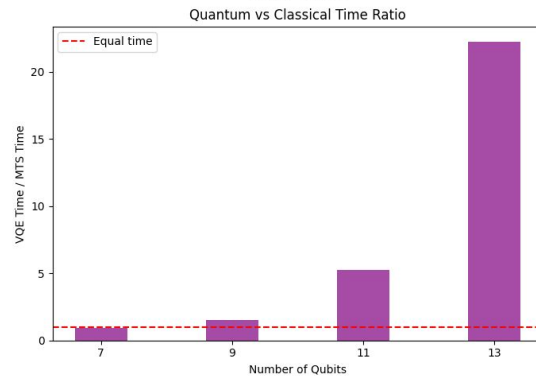
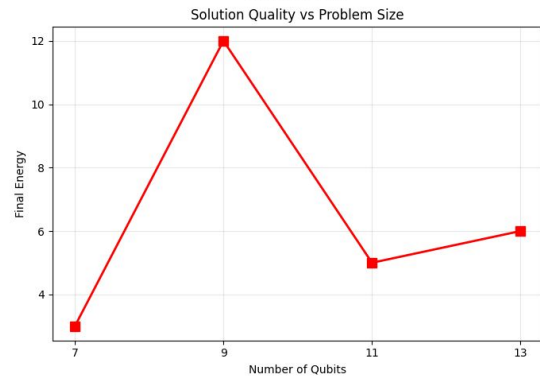
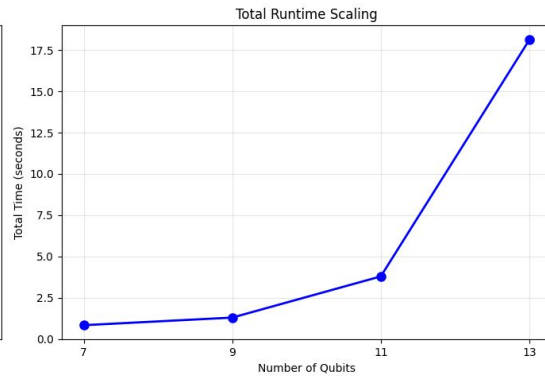
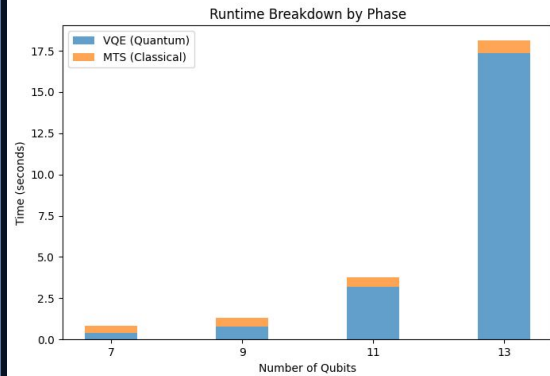
- Variational Quantum Eigensolver (VQE)
- Ai Agent Support
- Classical Stage (MTS)



Results



Scaling Analysis: Hybrid LABS Optimization



RETROSPECTIVE



GPU Programing



Application



Time



THANK
YOU