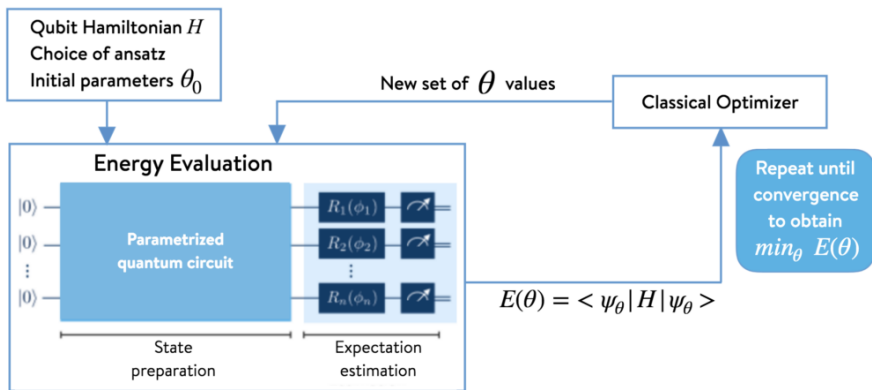# Variational Quantum Eigensolver
- SQUANDER -

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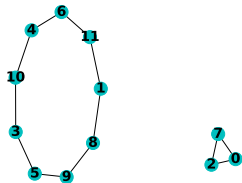April 24, 2025

Variational Quantum Eigensolver (VQE)
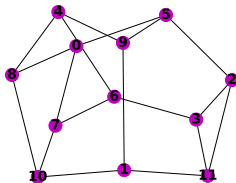## Recap

Source: qmunity.thequantuminsider.com

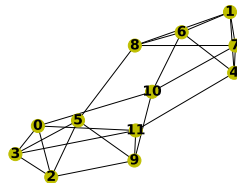# Random regular graphs as $\hat{H}$
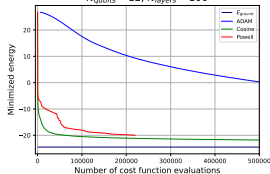## Optimization results

Future plans
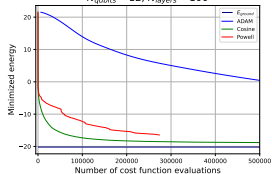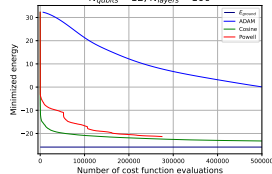
- Changing the *random seed* of the network generation process.
- Run simulation with *ADAM*, *Powell* and *Batched Line Search* methods.
- Compare the results.