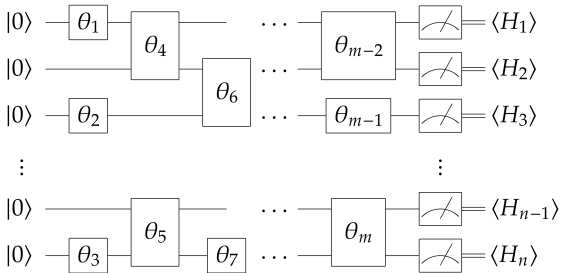


Quantum computer



Updated parameters

 $\vec{\theta}$

Classical computer

Optimizer

 $\arg \min_{\vec{\theta}} C(\vec{\theta})$

$$\langle H \rangle_{|\psi(\vec{\theta})\rangle} = \sum_{i=1}^n h_i \langle H_i \rangle$$