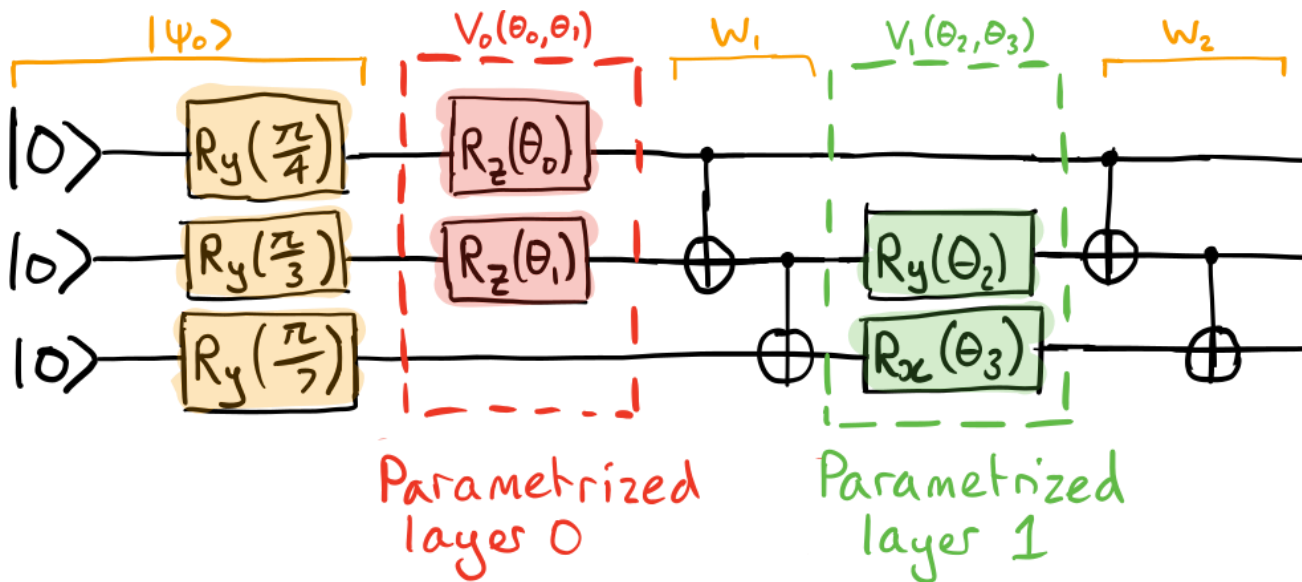


Optimizer updates
parameters

Until convergence



Executing the circuit we get $|q_f\rangle$



Evaluate Loss function

$$E(\theta) = \langle q_f | H_{\text{target}} | q_f \rangle$$