

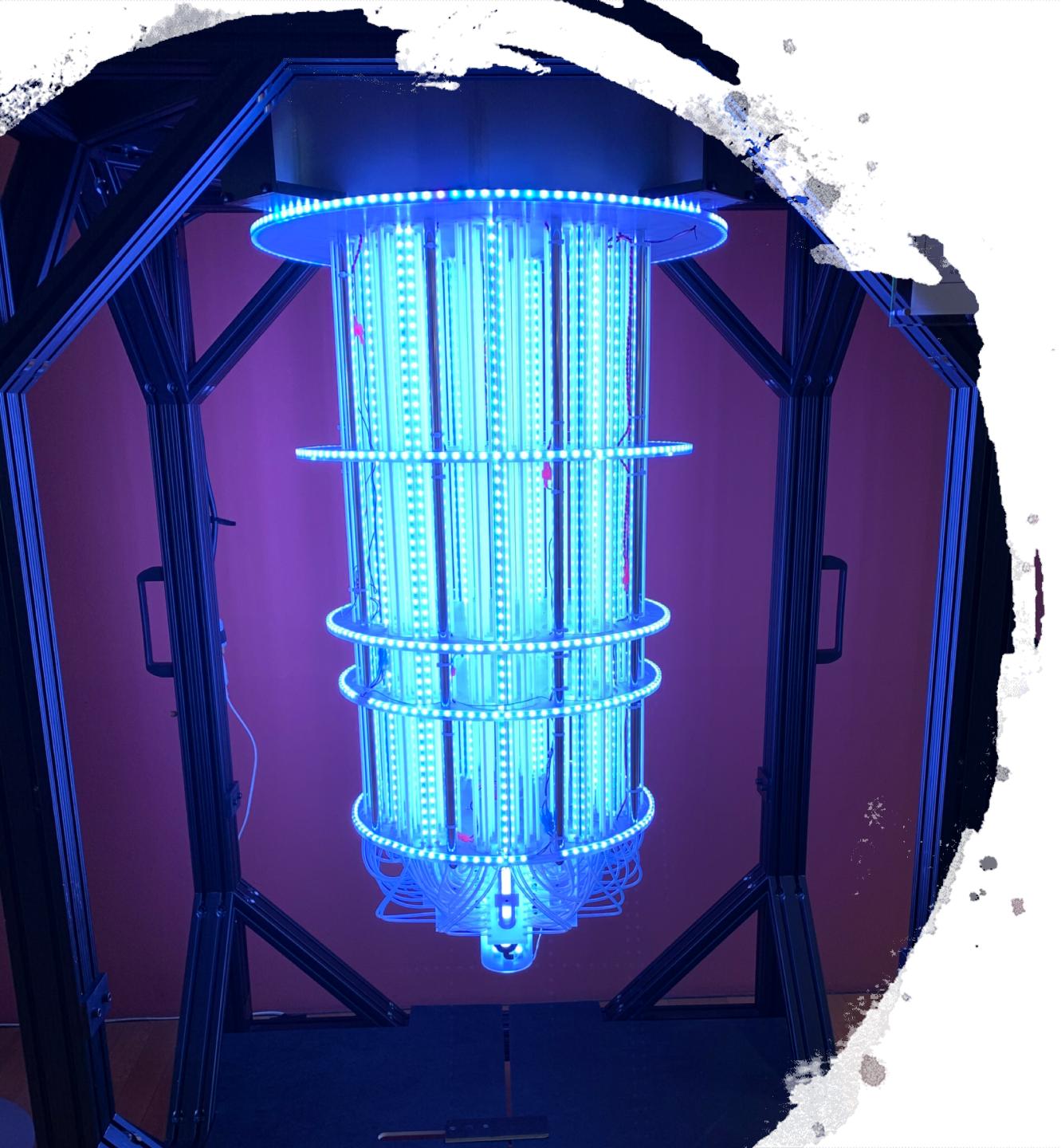
Detect Entanglement

Group Member: Wenbin, Huan-yu, Tarun, Gary, Chia-Yi
Coach: Raymond



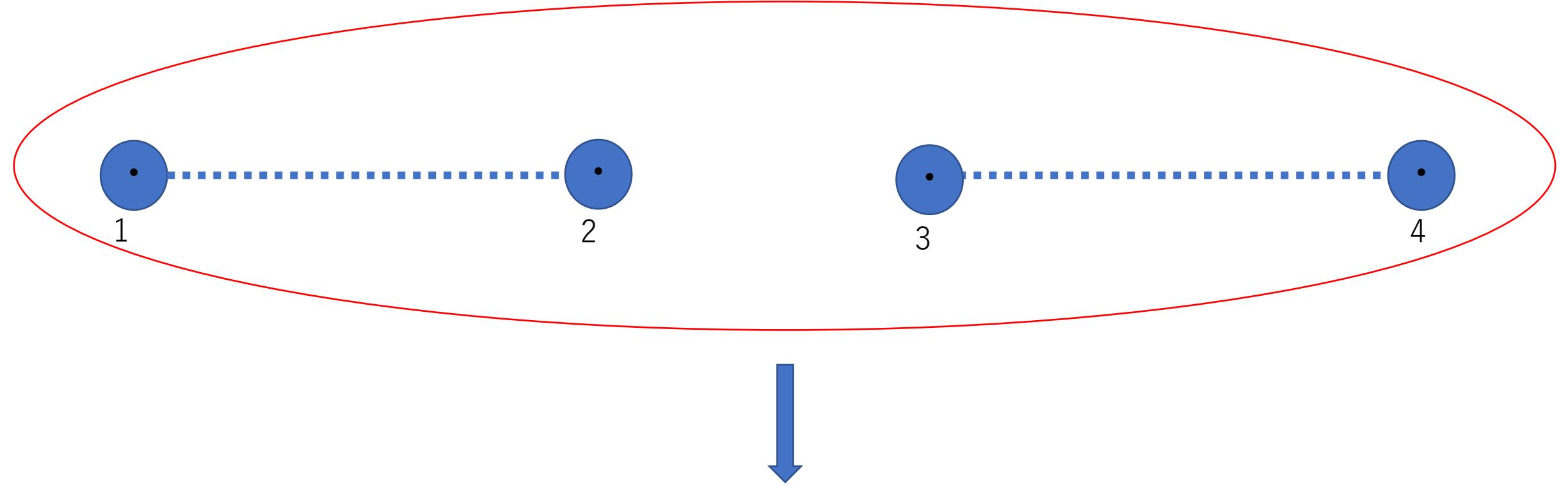
On the real quantum computer!!!!





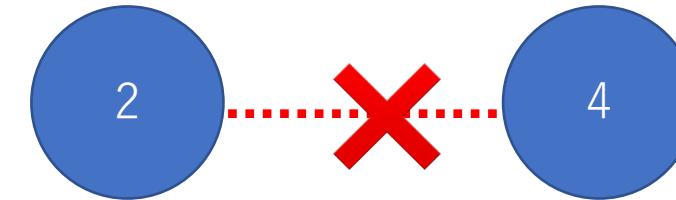
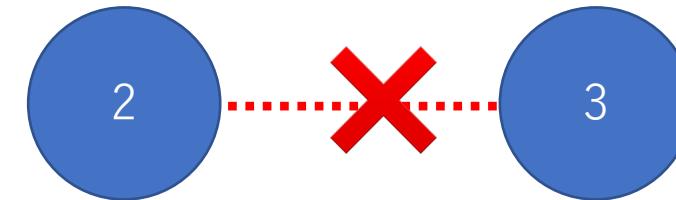
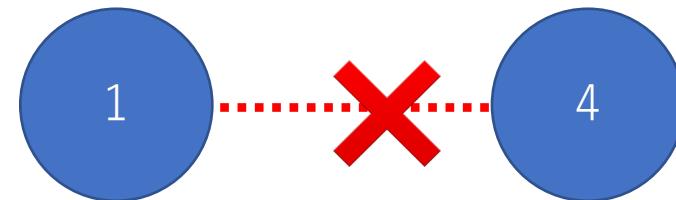
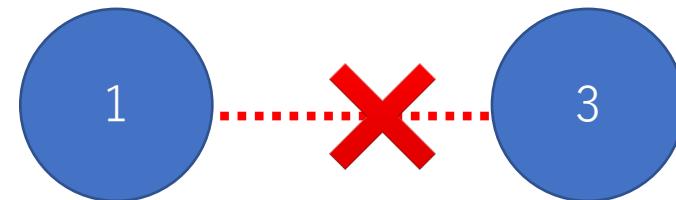
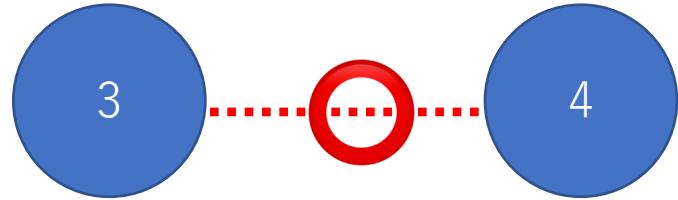
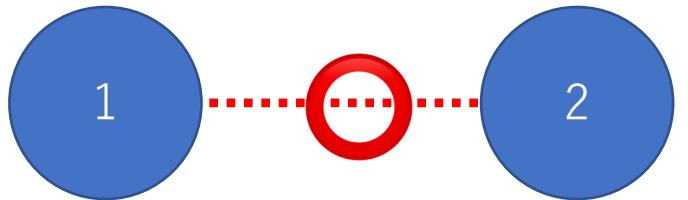
Not this one!

Where is the Entanglement??

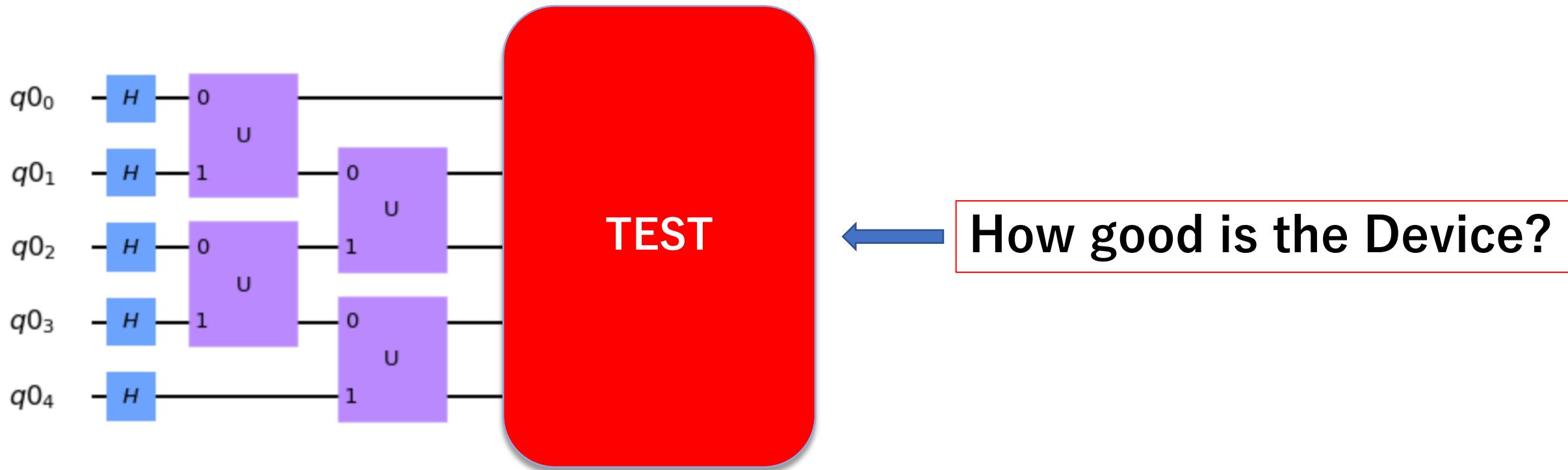


To Entangle, or not to Entangle

On the REAL IBM quantum computer

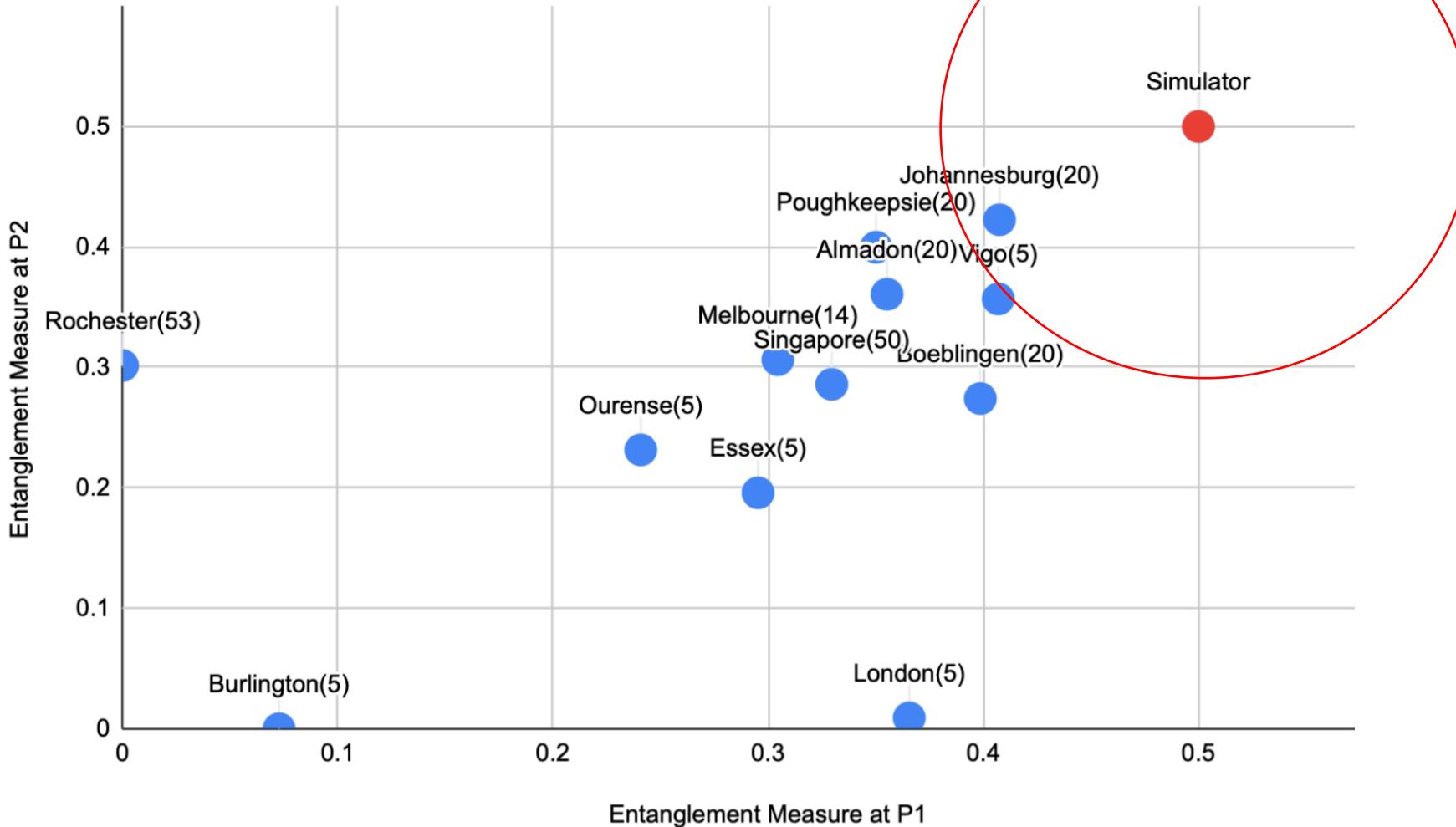


Application



What is the performance of the qubit in terms of entanglement generating?

Let's Hack ALL IBM Q devices

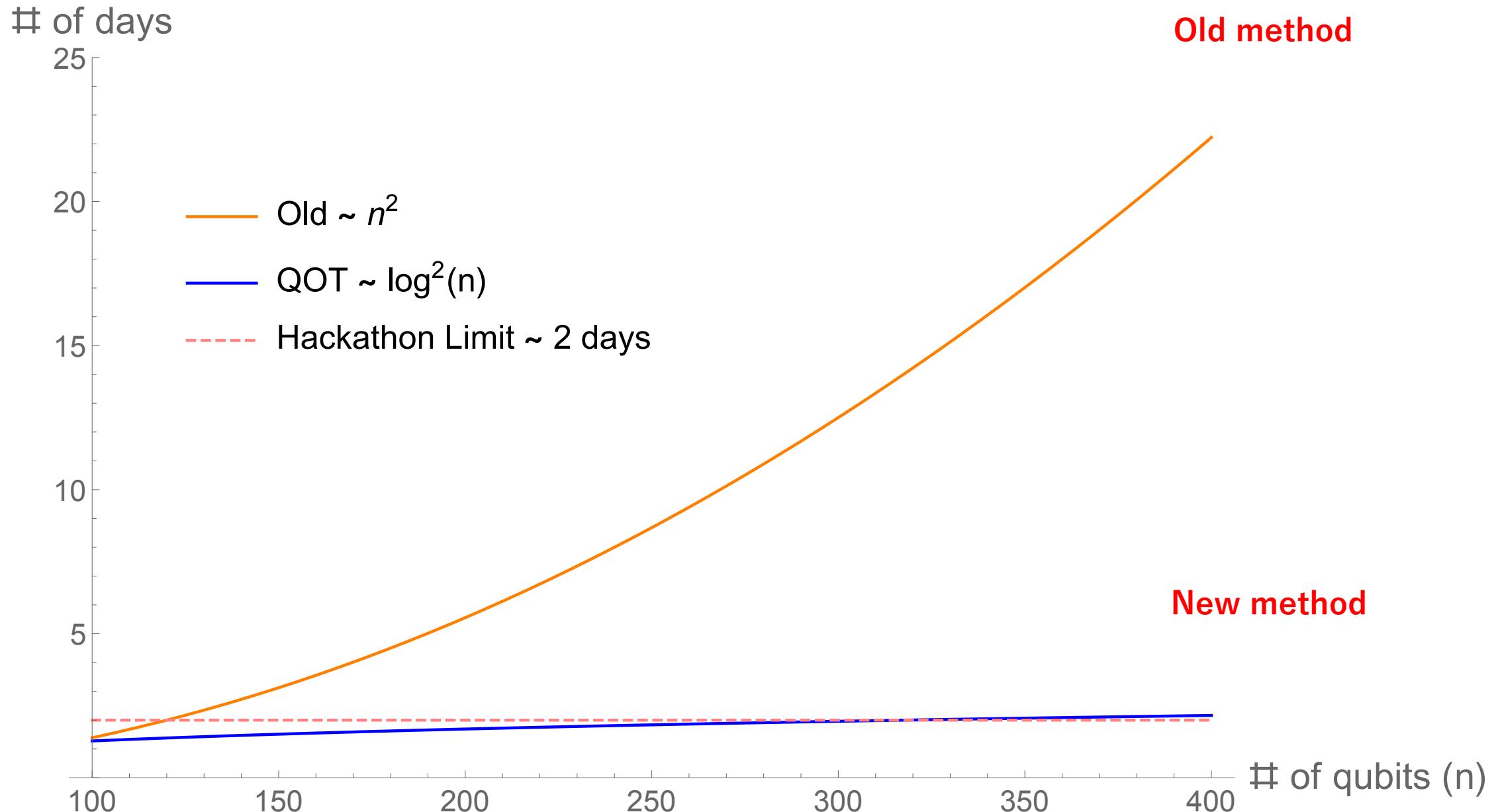


The closer to Simulator, the better the device

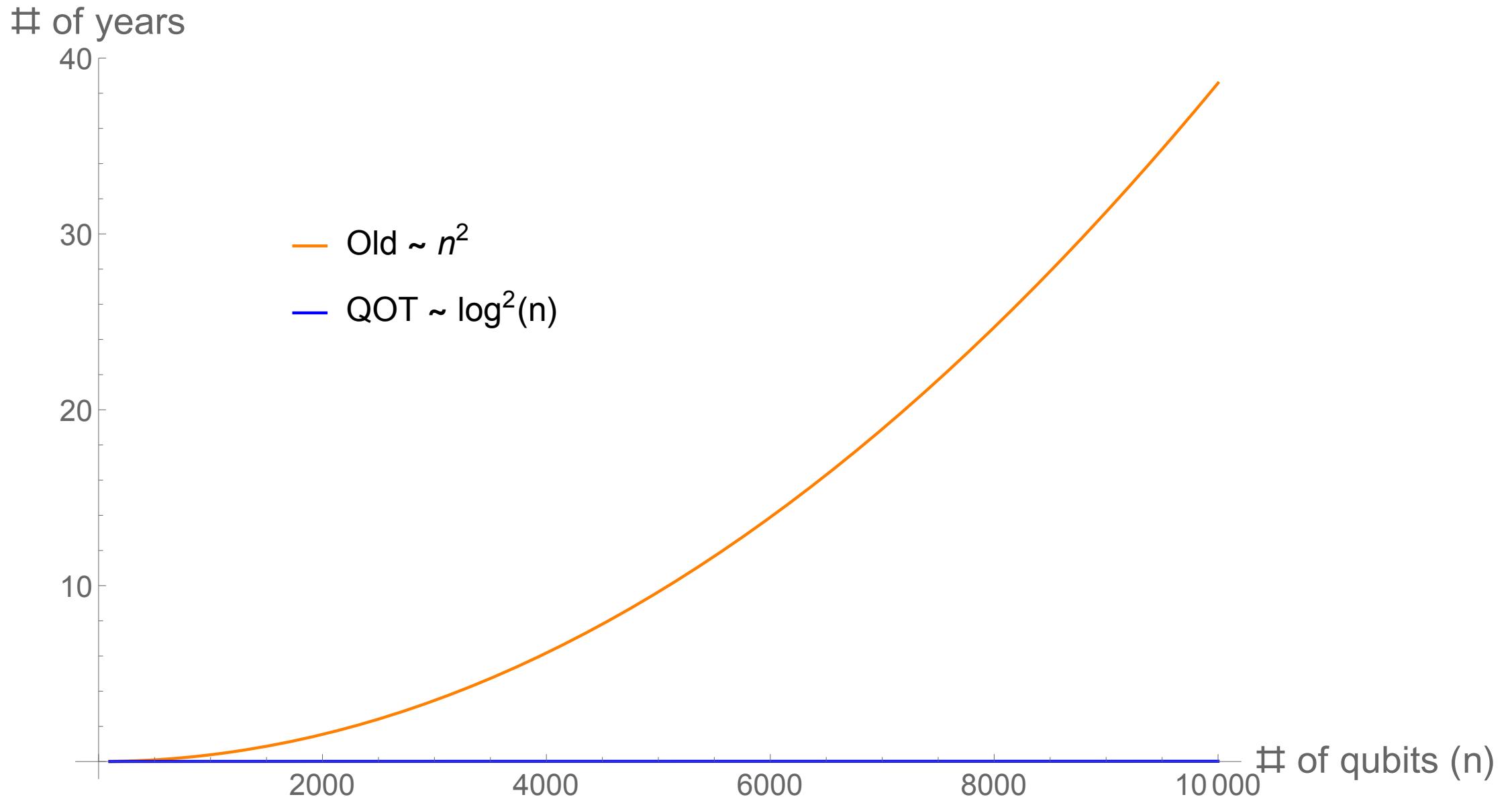
Theoretical Evidence

by Nobel winner

Comparison



In the future of up to 10,000 qubits





Thanks, let's keep hacking!