

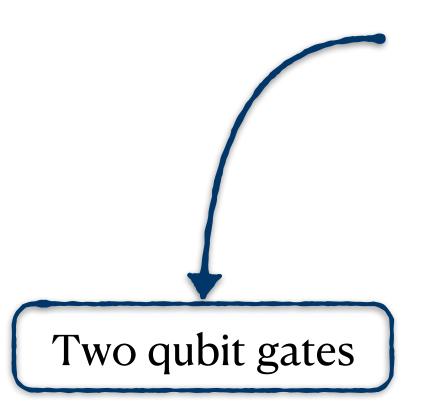


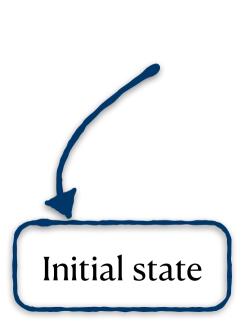


Jack Y. Araz









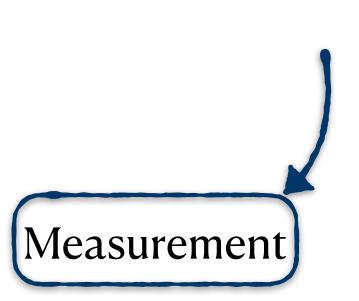


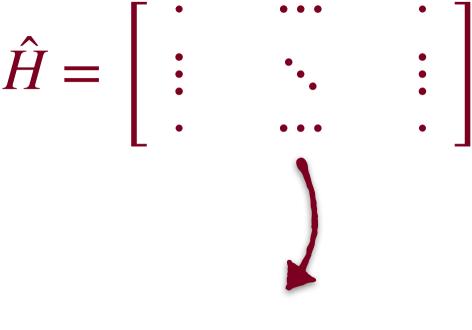
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Make many measurements to construct the average outcome of the state's

energy measurements.

 $\langle 0 \cdots | U^{\dagger}(\theta) \hat{H} U(\theta) | 0 \cdots \rangle$





Single Qubit Gates





Further reading: Nielsen & Chuang; Quantum Computation & Quantum Information





State preparation:

 $U(\theta) | 0 \cdots \rangle$

