Deutsch-Jozsa Circuits using the Z^n-gate as Oracle (Quantikz).
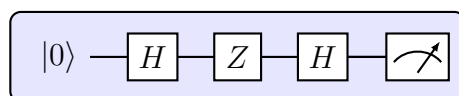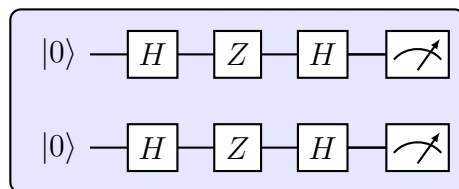
July 12, 2020
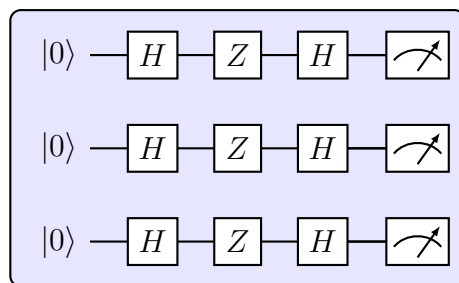
1 qubit
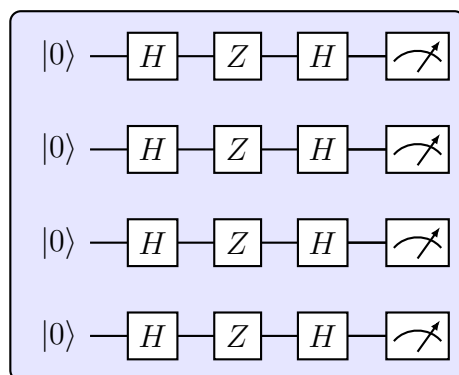
$$|0\rangle \quad H \quad Z \quad H \quad \text{measure}$$

2 qubits

$$|0\rangle \quad H \quad Z \quad H \quad \text{measure}$$
$$|0\rangle \quad H \quad Z \quad H \quad \text{measure}$$

3 qubits

$$|0\rangle \quad H \quad Z \quad H \quad \text{measure}$$
$$|0\rangle \quad H \quad Z \quad H \quad \text{measure}$$
$$|0\rangle \quad H \quad Z \quad H \quad \text{measure}$$
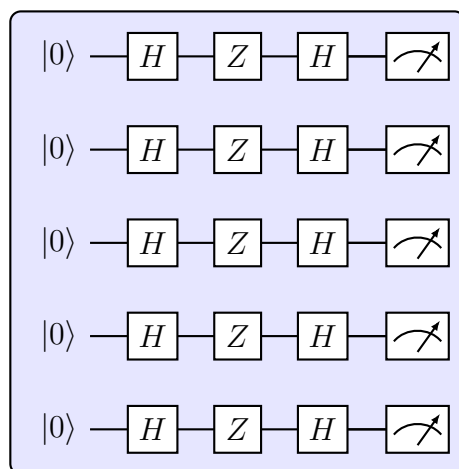
4 qubits

5 qubits

6 qubits
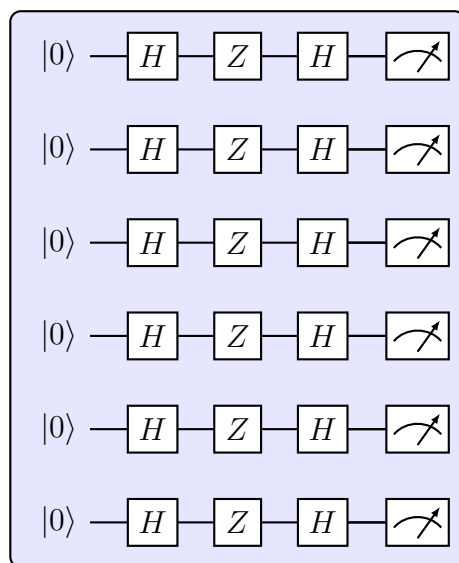
7 qubits
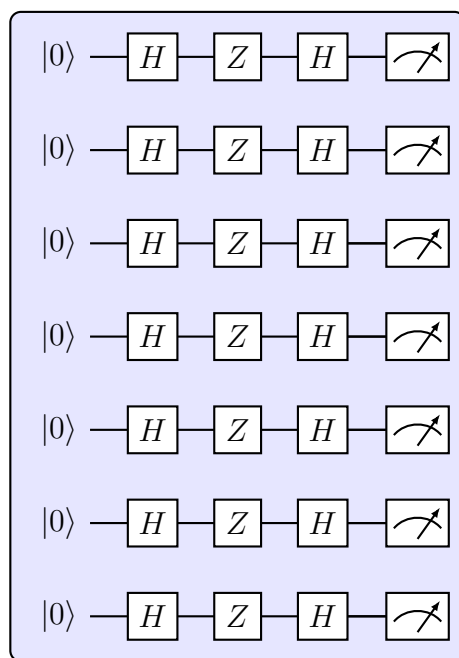
8 qubits
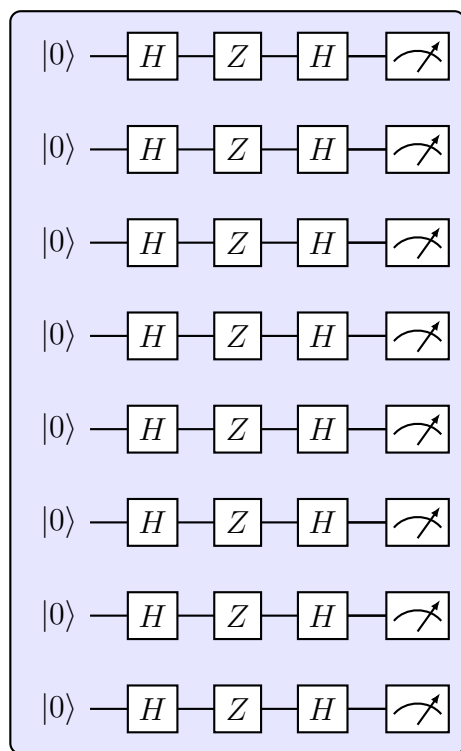
9 qubits
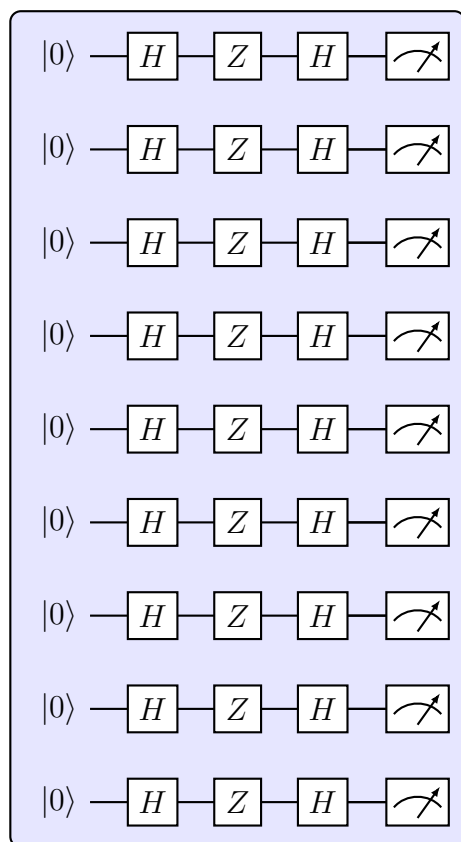
10 qubits
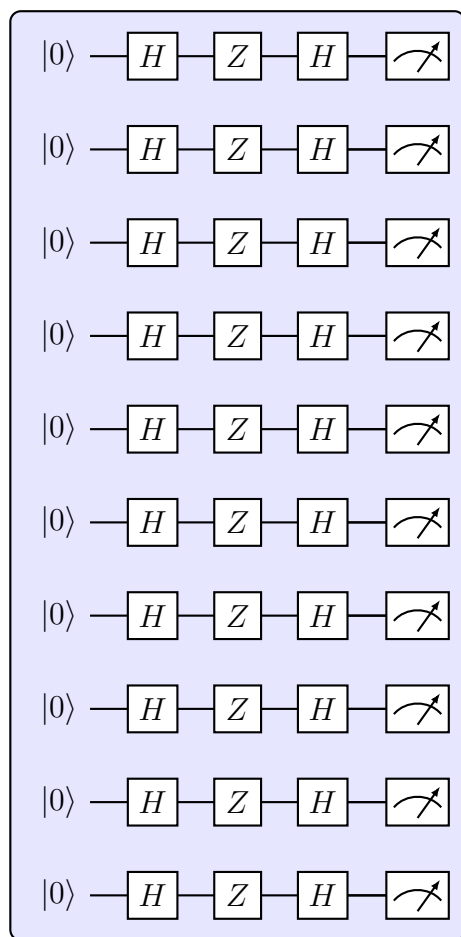
11 qubits
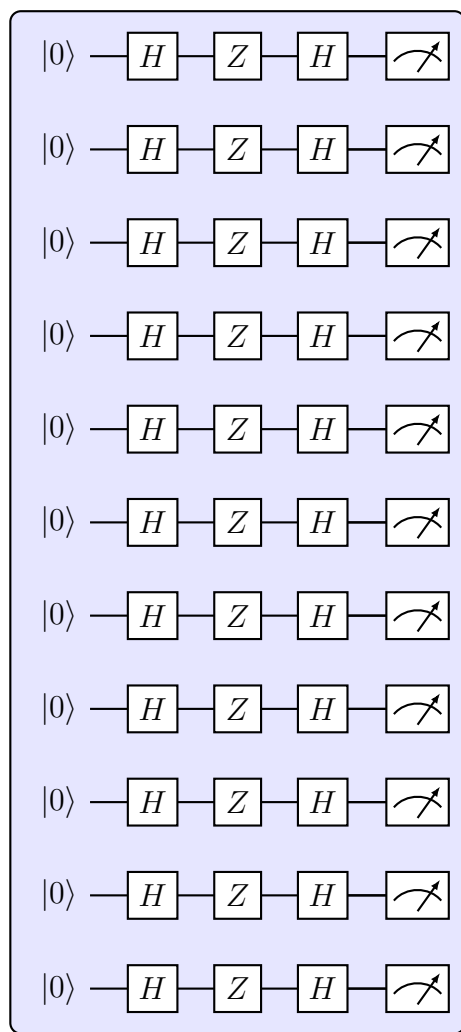
12 qubits
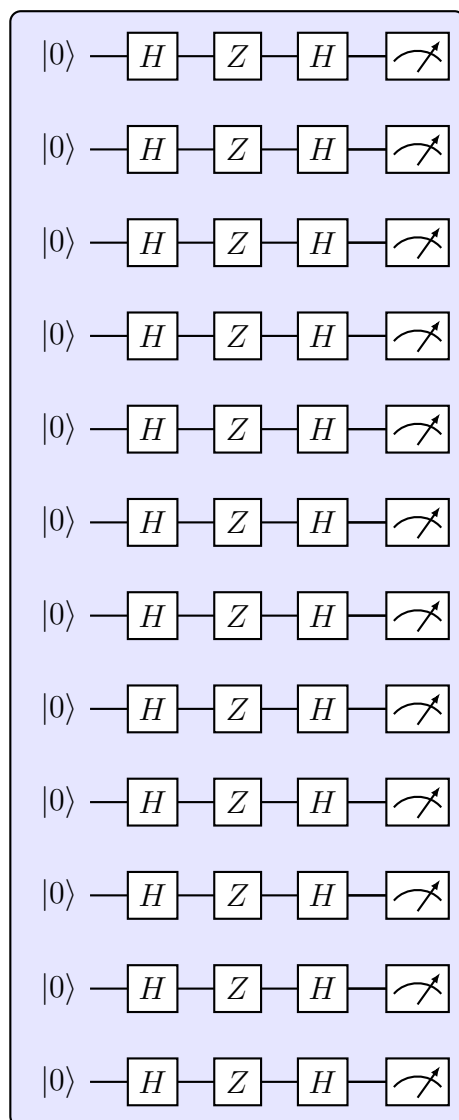
13 qubits

14 qubits

15 qubits