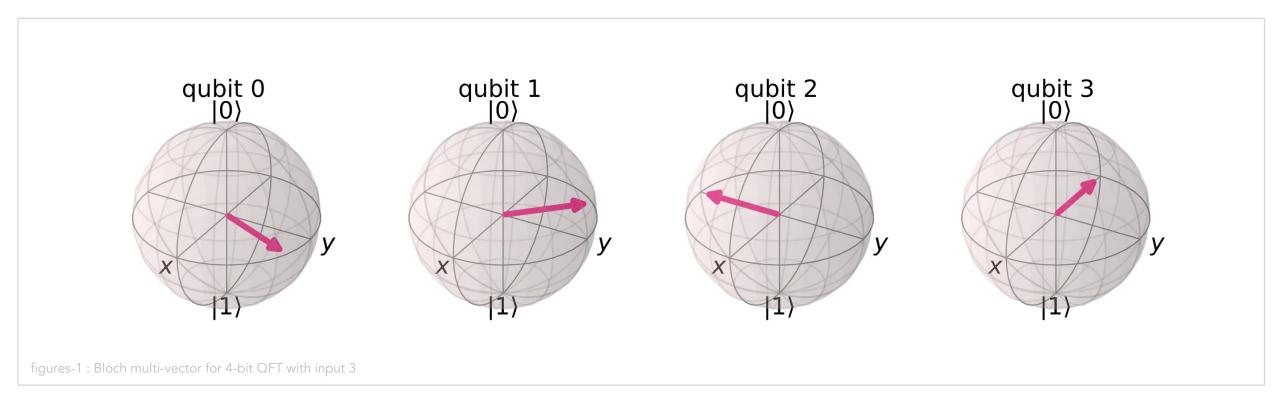
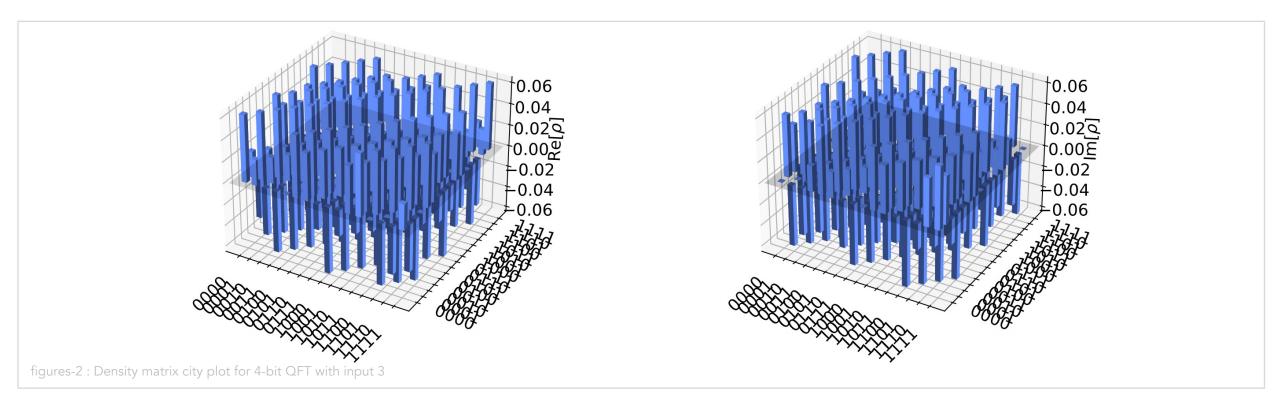


figures-0: 4-bit local quantum Fourier transformation





alice_main₀ —

 $alice_main_1$ —

alice_teleport —

alice_entanglement —

Processor #0 (Alice) qubits

bob_main₀ —

bob_main₁ —

bob_teleport —

bob_entanglement —

Processor #1 (Bob) qubits

alice_measure $\stackrel{2}{=}$

Processor #0 (Alice) classical bits

bob_measure $\stackrel{2}{=}$

Processor #1 (Bob) classical bits

figures-3 : quantum processor registers