

The diagram illustrates a quantum circuit for a 2-qubit system. It begins with two qubits, R15 and R14, both initialized to 0. Qubit R15 undergoes a Hadamard (H) gate followed by a CNOT gate with R14 as the control. Qubit R14 also undergoes an H gate followed by a CNOT gate with R15 as the control. The circuit concludes with a measurement operation on both qubits, resulting in classical bits R7 and R5.