

Wellington Surprise Major

Figure 1 displays eight 8x8 grids (labeled 2 through 7) illustrating the evolution of a 1D Ising spin chain. Each grid contains a sequence of 64 spins (1 or 2) and a blue path representing the state of a single qubit. The grids are arranged in two columns of four. The blue path starts at the top-left corner (spin 1) and ends at the bottom-right corner (spin 64). The path is composed of horizontal and vertical segments, with the vertical segments representing the qubit being in the 'up' state and horizontal segments representing the 'down' state. The red lines connect the spins in a way that highlights the path of the qubit. The grids show the evolution of the spin chain over time, with the blue path indicating the state of the qubit at each step. The path starts at the top-left corner (spin 1) and ends at the bottom-right corner (spin 64). The path is composed of horizontal and vertical segments, with the vertical segments representing the qubit being in the 'up' state and horizontal segments representing the 'down' state. The red lines connect the spins in a way that highlights the path of the qubit. The grids show the evolution of the spin chain over time, with the blue path indicating the state of the qubit at each step.