

Hardington Mandeville Surprise Major

Figure 1 displays eight 8x8 grids (labeled 1 through 8) illustrating the evolution of a 1D Ising spin chain. Each grid contains a sequence of 8 spins (1-8) and a sequence of 8 arrows (1-8). The arrows indicate the direction of the spin chain's evolution. The grids are arranged in a 4x2 grid. The top row shows grids 1, 2, 3, 4. The bottom row shows grids 5, 6, 7, 8. The arrows are colored red and blue, indicating different states or directions. The spins are numbered 1 through 8, and the arrows are numbered 1 through 8. The grids show a progression of the spin chain's state over time, with the arrows indicating the direction of the spin chain's evolution.