

Dorchester Surprise Major

Figure 1 displays eight 8x8 grids (labeled 2 through 8) illustrating the evolution of a 1D Ising spin chain. The vertical axis on the left of each grid is labeled with 'X' and numerical values: 58, 16, 12, 38, 14, 14, 38, 12, 78, 12. The grids show a sequence of states from top to bottom. Red lines connect spins of the same value (1 to 1, -1 to -1) between adjacent rows, representing interactions. Blue lines connect spins of opposite values (1 to -1, -1 to 1) between adjacent rows, representing interactions. The sequence starts with a single spin (2) and grows to a chain of 8 spins (8).