

Saint George's Day Surprise Major

Figure 1 displays eight 8x8 grids, each representing a different path for the 8-queens problem. The grids are labeled (2) through (9). Each grid contains numbers 1 through 8 in each cell, representing the column index for a queen in a given row. A blue path highlights a valid solution, where no two queens share the same row, column, or diagonal. Red lines indicate conflicts between queens.

The grids are arranged in two columns of four. The left column contains grids (2), (3), (4), and (5). The right column contains grids (6), (7), (8), and (9). Each grid is an 8x8 matrix of numbers 1-8. A blue path is drawn through each grid, starting from the top-left cell and ending at the bottom-right cell, representing a valid solution. Red lines connect cells that share the same row, column, or diagonal, indicating conflicts.