

*My Kind Of Girl*

$$1 = G$$

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The diagram illustrates a sequence of operations on a 5-qubit system, represented by vertical lines and horizontal bars with numbers. The operations are labeled with numbers 1 through 7, and some are labeled with powers of 2 and 5. The diagrams are arranged in a grid, with the first four columns showing the main sequence of operations, and the fifth column showing the final state. The fifth column is divided into two sections by a dotted line, labeled '1.' and '2. Fine'.

**Diagram 1 (Top Left):** Shows a sequence of operations labeled 1, 2, 3, 4, 5, 6, 7. The operations are represented by horizontal bars with numbers. The first bar is labeled 1, the second 2, the third 3, the fourth 4, the fifth 5, the sixth 6, and the seventh 7. The operations are arranged in a sequence, with the first bar at the top and the seventh bar at the bottom.

**Diagram 2 (Top Right):** Shows a sequence of operations labeled 1, 2, 3, 4, 5, 6, 7. The operations are represented by horizontal bars with numbers. The first bar is labeled 1, the second 2, the third 3, the fourth 4, the fifth 5, the sixth 6, and the seventh 7. The operations are arranged in a sequence, with the first bar at the top and the seventh bar at the bottom.

**Diagram 3 (Middle Left):** Shows a sequence of operations labeled 1, 2, 3, 4, 5, 6, 7. The operations are represented by horizontal bars with numbers. The first bar is labeled 1, the second 2, the third 3, the fourth 4, the fifth 5, the sixth 6, and the seventh 7. The operations are arranged in a sequence, with the first bar at the top and the seventh bar at the bottom.

**Diagram 4 (Middle Right):** Shows a sequence of operations labeled 1, 2, 3, 4, 5, 6, 7. The operations are represented by horizontal bars with numbers. The first bar is labeled 1, the second 2, the third 3, the fourth 4, the fifth 5, the sixth 6, and the seventh 7. The operations are arranged in a sequence, with the first bar at the top and the seventh bar at the bottom.

**Diagram 5 (Bottom Left):** Shows a sequence of operations labeled 1, 2, 3, 4, 5, 6, 7. The operations are represented by horizontal bars with numbers. The first bar is labeled 1, the second 2, the third 3, the fourth 4, the fifth 5, the sixth 6, and the seventh 7. The operations are arranged in a sequence, with the first bar at the top and the seventh bar at the bottom.

**Diagram 6 (Bottom Right):** Shows a sequence of operations labeled 1, 2, 3, 4, 5, 6, 7. The operations are represented by horizontal bars with numbers. The first bar is labeled 1, the second 2, the third 3, the fourth 4, the fifth 5, the sixth 6, and the seventh 7. The operations are arranged in a sequence, with the first bar at the top and the seventh bar at the bottom.

