

The Minstrel Boy

$$1 = C$$

Thomas Moore

The diagram illustrates the decomposition of the tensor product of two irreducible representations of $SU(3)$ into irreducible representations of $SU(2)$. The diagram is divided into three sections by vertical lines. Each section shows a sequence of boxes representing irreducible representations of $SU(2)$, with their dimensions written below them. The boxes are connected by lines, indicating the decomposition process.

- Section 1 (Left):** Shows the decomposition of the tensor product of two 1 representations (dimension 1) into a 4 representation (dimension 4) and a 2 representation (dimension 2).
- Section 2 (Middle):** Shows the decomposition of the tensor product of a 1 representation (dimension 1) and a 5 representation (dimension 5) into a 6 representation (dimension 6), a 3 representation (dimension 3), and a 1 representation (dimension 1).
- Section 3 (Right):** Shows the decomposition of the tensor product of a 4 representation (dimension 4) and a 1 representation (dimension 1) into a 5 representation (dimension 5), a 3 representation (dimension 3), and a 1 representation (dimension 1).

The diagram illustrates three examples of a 3D coordinate system with axes labeled 1, 2, and 3. Each example shows a sequence of points connected by lines, representing a path in the coordinate space. The points are labeled with numbers 1 through 7, and the axes are labeled with numbers 1 through 7. The paths are shown in different colors (blue, green, red) and are separated by vertical lines.

1, 2.

2 1

5 1

3.

2 1

5 1