

Here 's That Rainy Day

$$1 = G$$

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[illegible]

The diagram illustrates the decomposition of the tensor product of two representations of the Lie algebra $\mathfrak{so}(8)$. The horizontal axis represents the weight lattice, and the vertical axis represents the multiplicity of each weight. The decomposition is shown as a series of horizontal bars of different colors, representing different irreducible components. The weights are labeled as 2^{-7} , 5^7 , 1^{47} , 5^{-7} , and 1^7 .

1.

Diagram showing four musical staves with notes and accidentals. The notes are: Staff 1: $b6$, $b6$, $b6$; Staff 2: 1 , $\sharp 1$, 2 ; Staff 3: 5 ; Staff 4: $b7$, 7 , 1 , 7 , 1 . The accidentals are: 4^{-7} , $b7^7$, $b:3^{\Delta 7}$, $b6^{\Delta 7}$.

2.