

Sweet Dreams

$$1 = C$$

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Figure 1 displays the decomposition of the tensor product of two representations of the Lie algebra E_6 . The diagrams are arranged in a 3x4 grid, where the rows correspond to different representations and the columns correspond to different representations. The representations are labeled as 6^- , 4 , $3^{\text{sus}4}$, and 6^- for the first, second, third, and fourth columns, respectively. The rows are labeled as 6^- , 4 , and $3^{\text{sus}4}$ for the first, second, and third rows, respectively. The diagrams show the decomposition of the tensor product of two representations into irreducible representations, with the resulting representations labeled as 6^- , 4 , $3^{\text{sus}4}$, and 6^- .











