

*P. S. I Love You*

$$1 = E^b$$

2.

1 1 1 2 1 1 1 1 1 1

$1^{\Delta}$   $b_7^7$   $1^{\Delta 7}$   $1^{\Delta}$

Figure 1 illustrates the decomposition of the tensor product of two irreducible representations of the Lie algebra  $\mathfrak{so}(2n)$ . The diagram is divided into four vertical sections by three vertical lines. Each section contains a set of horizontal bars representing the weights of the tensor product, with some bars labeled with numbers. Below each section, the corresponding irreducible representations are listed.

- Section 1:** The top row shows two bars labeled 5. The bottom row shows two bars labeled 4. The bottom row is labeled  $1^7$  and  $5^{-7}$ .
- Section 2:** The top row shows two bars labeled 3. The bottom row shows two bars labeled 2. The bottom row is labeled  $1^7$  and  $5^{-7} \# 4^7$ .
- Section 3:** The top row shows two bars labeled 5. The bottom row shows two bars labeled 4. The bottom row is labeled  $4^{47}$  and  $5^{-7} \# 4^7$ .
- Section 4:** The top row shows two bars labeled 1. The bottom row shows two bars labeled 6. The bottom row is labeled  $4^{47}$  and  $3^7 \flat 3^7$ .

