

The dimension formula in Exercise #11 (a) of Chapter 7.1.4 for the irreducible representation of $\mathbf{Spin}(2n, \mathbb{C})$ with highest weight λ is incorrect. The correct formula is the following.

$$\dim V^\lambda = \prod_{1 \leq i < j \leq n} \left\{ 1 + \frac{m_i + \cdots + m_{j-1}}{j-i} \right\} \prod_{1 \leq i \leq n-1} \left\{ 1 + \frac{m_i + \cdots + m_{n-2} + m_n}{n-i} \right\} \\ \times \prod_{1 \leq i < j \leq n-1} \left\{ 1 + \frac{m_i + \cdots + m_{j-1} + 2(m_j + \cdots + m_{n-2}) + m_{n-1} + m_n}{2n-i-j} \right\}$$

In this formula the sum $m_i + \cdots + m_{n-2}$ in the second product is taken to be zero when $i = n-1$. Likewise, the sum $m_j + \cdots + m_{n-2}$ in the third product is taken to be zero when $j = n-1$.

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