

Erratum: The Octet Model and Its Clebsch-Gordan Coefficients

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1. Footnote 29:

$\mathbf{e}-\mathbf{i}(\mathbf{i}\cdot\mathbf{e})$ should read $\mathbf{e}-2\mathbf{i}(\mathbf{i}\cdot\mathbf{e})$.

2. On pages 931 and 932 appears the combination $(b_{10}-b_{10}^*)$; this should be $(b_{10}+b_{10}^*)$.

3. On page 937 in the tables of isoscalar factors for $8\otimes 27$ are the following misprints:

(a) For $Y=-1$, $I=\frac{5}{2}$, the first entry should read

$$\left. \begin{array}{cc} I_1, Y_1; & I_2, Y_2 \\ \frac{1}{2}, -1; & 2, 0 \end{array} \right|.$$

(b) For $Y=-1$, $I=\frac{3}{2}$, one of the isoscalar factors

should read

$$\left(\begin{array}{cc|c} 8 & 27 & 35^* \\ 00 & \frac{3}{2}-1 & \frac{3}{2}-1 \end{array} \right) = -\frac{\sqrt{15}}{12}.$$

(c) For $Y=-1$, $I=\frac{1}{2}$, one of the isoscalar factors should read

$$\left(\begin{array}{cc|c} 8 & 27 & 27_1 \\ 10 & \frac{1}{2}-1 & \frac{1}{2}-1 \end{array} \right) = +19\frac{\sqrt{70}}{280}.$$

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