

Isotopic spin and coherent states

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Corrigendum

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Eriksson K-E and Skagerstam B-S 1979 *J. Phys. A: Math. Gen.* **12** 2175-85

Equation (22) should read

$$R^+ Y_m^l(\mathbf{a})^+ R = D_{mm'}^l(R) Y_{m'}^l(\mathbf{a})^+.$$

The eigenvalue m in equations (24) and (48) should be replaced by $-m$.

The left-hand side of equations (74), (A3.6), and (A3.8) should read

$$\int_0^{2\pi} \frac{d\alpha}{2\pi} \int_0^\pi \frac{d\beta \sin \beta}{2} \int_0^{2\pi} \frac{d\gamma}{2\pi} Y_m^l(\beta, \alpha)^* |R(\alpha, \beta, \gamma) f\rangle.$$

Equation (A3.5) should be replaced by

$$Y_m^l(R(\alpha, \beta, \gamma) f) = D_{mm'}^l(\alpha, \beta, \gamma)^* Y_{m'}^l(f).$$

The left-hand side of equation (A3.7) should read

$$\int_0^{2\pi} \frac{d\alpha}{2\pi} \int_0^\pi \frac{d\beta \sin \beta}{2} \int_0^{2\pi} \frac{d\gamma}{2\pi} Y_m^l(\beta, \alpha) D_{m'm}^{l''}(\alpha, \beta, \gamma).$$