Erratum

Quantum Mechanics as a Matrix Symplectic Geometry

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The following corrections should be made to the above article that was published in *International Journal of Theoretical Physics*, **35**, 519–556 (1996).

The top of page 548 should read:

It follows that the quantities $S^{\vec{e}}_{mn}$ are given by:

$$S^{\vec{e}}_{mn} = \exp[i\alpha_2(\vec{m} + \vec{n}, \vec{p})]\cos[i\alpha_2(\vec{m}, \vec{n})]Y_{\vec{m}+\vec{n}-\vec{p}} - \delta_{\vec{m}+\vec{n},\vec{0}}Y_{-\vec{p}} \quad (149)$$

Finally, we have the following multiplication law:

$$Y_{\vec{m}} \cdot Y_{\vec{n}} = \exp[i\alpha_2(\vec{n}, \vec{m})]Y_{\vec{m}+\vec{n}}$$

$$= K_{\vec{m}\vec{n}}1 + (S^{\vec{e}}_{mn} + 1/2C^{\vec{e}}_{mn})Y_{\vec{p}} \quad (150)$$