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## Correction: An investigation of contributors to the spin exchange interactions in organic pentacene–radical dyads using quasi-degenerate perturbation theory

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Correction for 'An investigation of contributors to the spin exchange interactions in organic pentacene–radical dyads using quasi-degenerate perturbation theory' by Philip S. Weiss *et al.*, *Phys. Chem. Chem. Phys.*, 2025, **27**, 8052–8076, <https://doi.org/10.1039/D4CP04908J>.

In the original article eqn (7) is incorrect, the correct version is shown here.

$$\hat{H}_{\text{HDVV}} = \begin{pmatrix} |\alpha\alpha\beta\rangle & |\alpha\beta\alpha\rangle & |\beta\alpha\alpha\rangle \\ |\alpha\alpha\beta\rangle & \frac{1}{4}(-J_{12} + J_{23} + J_{13}) & -\frac{1}{2}J_{23} \\ |\alpha\beta\alpha\rangle & \frac{1}{4}(J_{12} + J_{23} - J_{13}) & -\frac{1}{2}J_{13} \\ |\beta\alpha\alpha\rangle & \frac{1}{4}(J_{12} - J_{23} + J_{13}) & \end{pmatrix}$$

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.



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