

Erratum: Spin-orbital model for fullerenes [Phys. Rev. B 103, 235145 (2021)]Ryuta Iwazaki  and Shintaro Hoshino

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In the original paper, we incorrectly concluded the absence of the magnetic orbital moment in Eq. (14). The matrix element of $\mathcal{L}_i$ is finite within the model space, i.e., $\mathcal{P}\mathcal{L}_i\mathcal{P} \neq \mathbf{0}$. This correction does not affect the discussion regarding the absence of spin-orbital coupling in Eq. (15) within the model space.

There is a typographical error in Eq. (12): the summation symbol $\sum_{ij}$ should be replaced by $\sum_{\langle ij \rangle}$, where the angular brackets indicate a summation over site pairs.