



ERRATUM

Erratum: Chirality-energy conversion induced by static magnetic effects on free electrons in quantum field theory (*J. Phys. Commun.* [2 111002](#))

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Erratum: Chirality-energy conversion induced by static magnetic effects on free electrons in quantum field theory (*J. Phys. Commun.* **2** 111002)

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An error occurred during the production process. In equation (4), there are two integral signs, but only the first should be present. The $2|e|$ (with absolute value bars on both sides of the electron charge symbol 'e') should be to the left of the integral sign. Hence, the printed equation

$$\Delta_{A_\mu} \mathcal{H} = 2 \int \int d\vec{x} \left\{ A_0 \rho_0 + \vec{A} \cdot \left[\Re(-\psi_1^* \psi_2 + \psi_3^* \psi_4), \Im(-\psi_1^* \psi_2 + \psi_3^* \psi_4), \frac{1}{2}(-|\psi_1|^2 + |\psi_2|^2 + |\psi_3|^2 - |\psi_4|^2) \right] \right\}$$

should be

$$\Delta_{A_\mu} \mathcal{H} = 2|e| \int d\vec{x} \left\{ A_0 \rho_0 + \vec{A} \cdot \left[\Re(-\psi_1^* \psi_2 + \psi_3^* \psi_4), \Im(-\psi_1^* \psi_2 + \psi_3^* \psi_4), \frac{1}{2}(-|\psi_1|^2 + |\psi_2|^2 + |\psi_3|^2 - |\psi_4|^2) \right] \right\}.$$