**Erratum: Electromagnetic properties of massive neutrinos
in low-energy elastic neutrino-electron scattering
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The signs of the terms containing the factor C_3 in Eqs. (22), (29), and (32) must be changed to the opposite ones, i.e., “+” to “−” and “−” to “+.” Also, in the last line of Eq. (22) the term $(p' \cdot J_A(q))(p \cdot J_V^*(q))$ must be $(p' \cdot J_V(q))(p \cdot J_A^*(q))$. The correct Eqs. (22), (29), and (32) are, respectively,

$$\begin{aligned}
 |\mathcal{M}_{fi}^{(w,Q)}|^2 &= \sum_{j=1}^3 |\tilde{\mathcal{M}}_j^{(w,Q)}|^2 \\
 &= 4G_F^2 \{ C_1 [2|p \cdot J_V(q)|^2 - (p \cdot p') J_V(q) \cdot J_V^*(q) - i\varepsilon_{\lambda\rho\lambda'\rho'} p'^\rho p^{\rho'} J_V^\lambda(q) J_V^{\lambda'*}(q)] \\
 &\quad + C_2 [(p \cdot J_A(q))(p' \cdot J_A^*(q)) + (p' \cdot J_A(q))(p \cdot J_A^*(q)) - (p \cdot p') J_A(q) \cdot J_A^*(q) \\
 &\quad - i\varepsilon_{\lambda\rho\lambda'\rho'} p'^\rho p^{\rho'} J_A^\lambda(q) J_A^{\lambda'*}(q)] - 2\text{Re}\{C_3 [(p \cdot J_V(q))(p' \cdot J_A^*(q)) \\
 &\quad + (p' \cdot J_V(q))(p \cdot J_A^*(q)) - (p \cdot p') J_V(q) \cdot J_A^*(q) - i\varepsilon_{\lambda\rho\lambda'\rho'} p'^\rho p^{\rho'} J_V^\lambda(q) J_A^{\lambda'*}(q)]\} \}, \\
 |\mathcal{M}_{fi}^{(w,Q)}|^2 &= \frac{4G_F^2}{E_e' m_e} [(C_1 + C_2 + 2\text{Re}\{C_3\})(p \cdot k)(p' \cdot k') \\
 &\quad + (C_1 + C_2 - 2\text{Re}\{C_3\})(p \cdot k')(p' \cdot k) + (C_2 - C_1)(p \cdot p') m_e^2], \\
 \frac{d\sigma_{(w,Q)}^{\text{FE}}}{dT} &= \frac{G_F^2 m_e}{2\pi} \left[C_1 + C_2 + 2\text{Re}\{C_3\} + (C_1 + C_2 - 2\text{Re}\{C_3\}) \left(1 - \frac{T}{E_e}\right)^2 + (C_2 - C_1) \frac{T m_e}{E_e^2} \right].
 \end{aligned}$$

Further, in Sec. III, in the definitions $(\mu_\nu)_{jk} = \mu_{jk} + i\gamma^5 \varepsilon_{jk}$ and $(\mu_{\bar{\nu}})_{jk} = -\mu_{kj} - i\gamma^5 \varepsilon_{kj}$ the symbol ε must be replaced by the symbol of the neutrino electric dipole moment ϵ . The correct definitions are

$$(\mu_\nu)_{jk} = \mu_{jk} + i\gamma^5 \epsilon_{jk}, \quad (\mu_{\bar{\nu}})_{jk} = -\mu_{kj} - i\gamma^5 \epsilon_{kj}.$$

Finally, in Sec. V, in the text devoted to the consideration of the long-baseline case and that precedes Eqs. (42), (43), and (44) the following substitutions must be made: (i) $L_{kk'}$ instead of L_{kj} in the expression $L \gg L_{kj} = 2E_\nu/|\delta m_{kk'}|^2$ and (ii) $e^{-i(\delta m_{kk'}^2/2E_\nu)L}$ instead of $\exp(-i\delta m_{kk'}^2/2E_\nu)$ in the expression $\exp(-i\delta m_{kk'}^2/2E_\nu) = \delta_{kk'}$. The correct expressions are

$$L \gg L_{kk'} = 2E_\nu/|\delta m_{kk'}|^2, \quad e^{-i(\delta m_{kk'}^2/2E_\nu)L} = \delta_{kk'}.$$

The above corrections do not affect other content of the original paper.