

ERRATUM

Erratum: Neutrino oscillations as a single Feynman diagram (2024 *J. Phys. G: Nucl. Part. Phys.* [51 035202](#))

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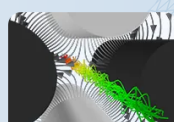
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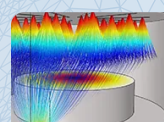
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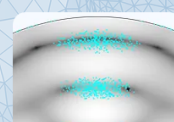
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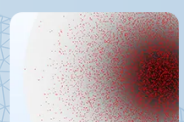
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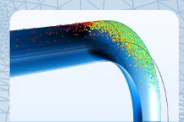
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Erratum: Neutrino oscillations as a single Feynman diagram (2024 *J. Phys. G: Nucl. Part. Phys.* 51 035202)

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Due to an error in production, an incorrect version of equation (42) was included in the published article. Specifically, G should be raised to the power of 4 as originally presented in the accepted manuscript.

Equation (42) as it incorrectly appears in the published version:

$$\Gamma_{\text{QFT}}^{\pi^+p} = \frac{1}{4\pi^2} G_\beta^2 \left(\frac{f_\pi}{\sqrt{2}} \right)^2 \frac{m_\mu^2}{m_\pi} E_\nu^2 \frac{P_{\nu_\mu \bar{\nu}_e}^{\text{QFT}}(E_\nu, L)}{4\pi L^2} (g_V^2 + 3g_A^2) p_e E_e \quad (42)$$

Equation (42) as it correctly appears in the accepted version:

$$\Gamma_{\text{QFT}}^{\pi^+p} = \frac{1}{4\pi^2} G_\beta^4 \left(\frac{f_\pi}{\sqrt{2}} \right)^2 \frac{m_\mu^2}{m_\pi} E_\nu^2 \frac{P_{\nu_\mu \bar{\nu}_e}^{\text{QFT}}(E_\nu, L)}{4\pi L^2} (g_V^2 + 3g_A^2) p_e E_e \quad (42)$$

We apologise to the authors for this error.

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