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ERRATUM

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

S Kovalenko[1,2,3] **and F Šimkovic**[4,5,*]

[1] Center for Theoretical and Experimental Particle Physics—CTEPP, Facultad de Ciencias Exactas, Universidad Andres Bello, Fernandez Concha 700, Santiago, Chile
[2] Millennium Institute for Subatomic Physics at the High Energy Frontier (SAPHIR), Fernández Concha 700, Santiago, Chile
[3] Bogoliubov Laboratory of Theoretical Physics, Joint Institute for Nuclear Research, Joliot-Curie 6, 141980 Dubna, Moscow region, Russia
[4] Faculty of Mathematics, Physics and Informatics, Comenius University in Bratislava, 84248 Bratislava, Slovakia
[5] Institute of Experimental and Applied Physics, Czech Technical University in Prague, 12800 Prague, Czech Republic

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:

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

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

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

We apologise to the authors for this error.

ORCID iD

F Šimkovic https://orcid.org/0000-0003-2414-0414

* Author to whom any correspondence should be addressed.

