



Correction: Evaluation of beta integrals of Ramanujan type and integral representations for bilateral hypergeometric series

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The original version of this article contained a typographical error in Eq. 76. The two 6's in the term ${}_6\psi_6$ should have been subscripted. Both the incorrect and corrected equations are given here.

Incorrect equation:

$$l(\alpha; \mathbf{a}; q) = \frac{\sqrt{2\pi} \alpha \exp\left(\frac{2(\log \alpha)^2}{\log q - 1}\right) (iq^{\frac{5}{4}} \mathbf{a}, iq^{\frac{3}{4}} \mathbf{a}; q)_{\infty}}{q^{\frac{1}{8}} \sqrt{\log q^{-1}} (q, q^{\frac{1}{2}}, q^{\frac{3}{2}}; q)_{\infty}} {}_6\psi_6 \left(\begin{matrix} \pm q^{\frac{5}{4}}, -iq^{\frac{1}{4}} \\ \pm q^{\frac{1}{4}}, iq^{\frac{5}{4}} \mathbf{a} \end{matrix}; q, qabcd \right). \quad (76)$$

The original article can be found online at <https://doi.org/10.1007/s11139-025-01064-z>.

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Correct equation:

$$l(\alpha; \mathbf{a}; q) = \frac{\sqrt{2\pi} \alpha \exp\left(\frac{2(\log \alpha)^2}{\log q - 1}\right) (iq^{\frac{5}{4}} \mathbf{a}, iq^{\frac{3}{4}} \mathbf{a}; q)_{\infty}}{q^{\frac{1}{8}} \sqrt{\log q^{-1}} (q, q^{\frac{1}{2}}, q^{\frac{3}{2}}; q)_{\infty}} {}_6\psi_6 \left(\begin{matrix} \pm q^{\frac{5}{4}}, -iq^{\frac{1}{4}} \mathbf{a} \\ \pm q^{\frac{1}{4}}, iq^{\frac{5}{4}} \mathbf{a} \end{matrix}; q, qabcd \right). \quad (76)$$

The original article has been corrected.

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