

**Erratum: Structure-dependent QED effects in exclusive
 B decays at subleading power
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Equation (16) should be modified and read

$$O_A \rightarrow O_A^{(\Lambda)} = \bar{u}_s \not{n} (1 - \theta_T(-i\bar{n} \cdot \bar{D}_s - \Lambda)) P_L h_v Y_n^{(\ell)\dagger}. \quad (1)$$

The covariant derivative in the θ -function acts on the light quark, and the symbol “ T ” on the Heaviside distribution means that in evaluating the matrix elements of this operator, one needs to perform a Taylor expansion, treating $\Lambda \gg \Lambda_{\text{QCD}}$ as parametrically larger than all soft QCD scales. Due to the T symbol, it is not legitimate to replace the terms inside the square brackets with a Heaviside function with the opposite-sign argument.

The two-particle amplitude $\mathcal{M}_{2p}$ in Eq. (22) is missing two constant terms, and the three-particle term has the incorrect sign. The corrected equation reads

$$\begin{aligned} \mathcal{M}_{2p}(\mu) = & 1 + \frac{C_F \alpha_s}{4\pi} \left[\frac{3}{2} \ln \frac{m_b^2}{\mu^2} - 2 \right] + \frac{\alpha}{4\pi} \left\{ Q_b^2 \left[\frac{3}{2} \ln \frac{m_b^2}{\mu^2} - 2 \right] - Q_\ell Q_b \left[\frac{1}{2} \ln^2 \frac{m_b^2}{\mu^2} + 2 \ln \frac{m_b^2}{\mu^2} - 3 \ln \frac{m_\ell^2}{\mu^2} + 6 + \frac{5\pi^2}{12} \right] \right. \\ & \left. + 2Q_\ell Q_u \int_0^\infty d\omega \phi_-^B(\omega) \ln \frac{m_b \omega}{\mu^2} + Q_\ell^2 \left[\frac{1}{\epsilon_{\text{IR}}} \left(\ln \frac{m_B^2}{m_\ell^2} - 2 \right) + \frac{1}{2} \ln^2 \frac{m_\ell^2}{\mu^2} - \frac{1}{2} \ln \frac{m_\ell^2}{\mu^2} + 5 + \frac{5\pi^2}{12} \right] \right\}, \\ \mathcal{M}_{3p}(\mu) = & -\frac{\alpha}{\pi} Q_\ell Q_u \int_0^\infty d\omega \int_0^\infty d\omega_g \phi_{3g}^B(\omega, \omega_g) \left[\frac{1}{\omega_g} \ln \left(1 + \frac{\omega_g}{\omega} \right) - \frac{1}{\omega + \omega_g} \right]. \end{aligned} \quad (2)$$

These corrections do not affect any other results or conclusions.

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