

Erratum: Meson-meson interactions in a nonperturbative chiral approach
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J. A. Oller, E. Oset, and J. R. Peláez
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In Appendix A.1, we presented the equation for $G(s)$ in the general case with different masses, M_1 and M_2 . However, the correct Eq. (A1) should read:

$$\begin{aligned}
 G(s) = \frac{1}{32\pi^2} & \left[-\frac{\Delta}{s} \log \frac{M_1^2}{M_2^2} + \frac{\nu}{s} \left\{ \log \frac{s - \Delta + \nu \sqrt{1 + \frac{M_1^2}{q_{\max}^2}}}{-s + \Delta + \nu \sqrt{1 + \frac{M_1^2}{q_{\max}^2}}} + \log \frac{s + \Delta + \nu \sqrt{1 + \frac{M_2^2}{q_{\max}^2}}}{-s - \Delta + \nu \sqrt{1 + \frac{M_2^2}{q_{\max}^2}}} \right\} \right. \\
 & \left. + 2 \frac{\Delta}{s} \log \frac{1 + \sqrt{1 + \frac{M_1^2}{q_{\max}^2}}}{1 + \sqrt{1 + \frac{M_2^2}{q_{\max}^2}}} - 2 \log \left[\left(1 + \sqrt{1 + \frac{M_1^2}{q_{\max}^2}} \right) \left(1 + \sqrt{1 + \frac{M_2^2}{q_{\max}^2}} \right) \right] + \log \frac{M_1^2 M_2^2}{q_{\max}^4} \right]. \quad (\text{A1})
 \end{aligned}$$

In addition, $\Delta = M_2^2 - M_1^2$, instead of $M_1^2 - M_2^2$. The rest of the definitions are as before and the prescription for the logarithmic functions is such that $\text{Im}G$ is given by Eq. (16).

The correct formula has been used in the calculations and the misprint of this equation has no repercussion on the results.