Erratum: Mandelstam-Leibbrandt prescription
[Phys. Rev. D 93, 065033 (2016)]

Jorge Alfaro

(Received 19 July 2016; published 8 August 2016)

DOI: [10.1103/PhysRevD.94.049901](https://doi.org/10.1103/PhysRevD.94.049901)

There is a misprint in Eq. (9). It must be

$$\begin{aligned}
& \int dp \frac{p_\mu p_\nu}{[p^2 + 2p \cdot q - m^2]^{a+2}} \frac{1}{((n \cdot p))^b} \\
&= (-1)^{a+b} i(\pi)^\omega (-2)^{b-2} \left\{ \frac{\Gamma(a+b-\omega)}{\Gamma(a+2)\Gamma(b-1)} (\bar{n} \cdot q)^{b-2} b \bar{n}_\mu \bar{n}_\nu \int_0^1 dt t^{b-1} \frac{1}{(m^2 + x - 2yt)^{a+b-\omega}} \right. \\
&\quad - 2 \frac{\Gamma(a+b+1-\omega)}{\Gamma(a+2)\Gamma(b)} (\bar{n} \cdot q)^{b-1} b \bar{n}_\mu \int_0^1 dt t^{b-1} \frac{(q_\nu - t(n \cdot q \bar{n}_\nu + \bar{n} \cdot q n_\nu))}{(m^2 + x - 2yt)^{a+b+1-\omega}} \\
&\quad - 2 \frac{\Gamma(a+b+1-\omega)}{\Gamma(a+2)\Gamma(b)} (\bar{n} \cdot q)^{b-1} b \bar{n}_\nu \int_0^1 dt t^{b-1} \frac{q_\mu - t(n \cdot q \bar{n}_\mu + \bar{n} \cdot q n_\mu)}{(m^2 + x - 2yt)^{a+b+1-\omega}} \\
&\quad + 4 \frac{\Gamma(a+b+2-\omega)}{\Gamma(a+2)\Gamma(b)} (\bar{n} \cdot q)^b \int_0^1 dt t^{b-1} \frac{[q_\mu - t(n \cdot q \bar{n}_\mu + \bar{n} \cdot q n_\mu)][q_\nu - t(n \cdot q \bar{n}_\nu + \bar{n} \cdot q n_\nu)]}{(m^2 + x - 2yt)^{a+b+2-\omega}} \\
&\quad \left. - 2 \frac{\Gamma(a+b+1-\omega)}{\Gamma(a+2)\Gamma(b)} (\bar{n} \cdot q)^b \int_0^1 dt t^{b-1} \frac{\eta_{\mu\nu} - t(n_\nu \bar{n}_\mu + \bar{n}_\nu n_\mu)}{(m^2 + x - 2yt)^{a+b+1-\omega}} \right\}.
\end{aligned}$$