Errata

Spin dependent gluon densities from large p_T photon and dimuon production

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Z. Phys. C – Particles and Fields 42, 493 (1989)

In Table 1, the second entry in the third line, under direct photon,

$$-\frac{1}{3}\frac{\hat{s}^2+\hat{t}^2}{\hat{s}\hat{t}} \quad \text{should read} \quad -\frac{1}{3}\frac{\hat{s}^2+\hat{u}^2}{\hat{s}\hat{u}}.$$

In (5b) and (5c), $g^T(x_1)$ and $g^P(x_2)$ should read $\tilde{g}^T(x_1)$ and $\tilde{g}^P(x_2)$, respectively.

At the beginning of the paragraph before (9), the sentence should read "We now work out corrections to Eq. (8) ...."

There is an overall sign missing in (9a). It should read

$$A_{pp\alpha} = -\phi A_{\mu p}(x) A_{g1}(x) + \beta A_{\mu p}(x)[\phi A_{g1}(x) + A_\sigma(x)]. \tag{9a}$$

As a result, the plotted asymmetries in Figs. 3, and 4 correspond to the negative of the asymmetry calculated through (9a).

Nonperturbative propagators for scalars and fermions to all orders in their masses

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Z. Phys. C – Particles and Fields 42, 653 (1989)

Equations (41) and (42) should read as follows:

$$\bar{\Pi}_\phi^{\mu\nu}(k) = -\frac{4i}{3} Q^2 e^2 \langle \phi^+ \phi \rangle (-g^{\mu\nu} + k^\mu k^\nu/k^2)$$
$$\cdot \left\{ 1 + \left(\frac{k^2}{4m^2} - 1\right)\left(1 - \sqrt{1 - \frac{4m^2}{k^2}}\right)\right\}. \tag{41}$$

$$\bar{\Pi}_\psi^{\mu\nu}(k) = \frac{4i}{3} Q^2 e^2 \frac{\langle \bar{\psi}\psi \rangle}{2m} (-g^{\mu\nu} + k^\mu k^\nu/k^2)$$
$$\cdot \left\{ -1 + \left(\frac{k^2}{2m^2} + 1\right)\left(1 - \sqrt{1 - \frac{4m^2}{k^2}}\right)\right\}. \tag{42}$$