
Errata

Erratum: Quark content of the nucleon in QCD: Perturbative and nonperturbative aspects [Phys. Rev. D 40, 2305 (1989)]

N. G. Stefanis

The following are typographical errors which do not affect the validity of the reported results; these were calculated with the correct expressions.

In Eq. (3.14), page 2311, the sign of the term $936B_1B_4$ should be reversed: $-936B_1B_4$.

In Eq. (3.16), page 2312, the term $-6480B_0B_5$ should have the opposite sign: $6480B_0B_5$.

The sentence beginning three lines below Eq. (3.17) on page 2312 should read "One observes that the simultaneous consistency of the sum rules for the linear moments requires $B_1^{\max}=5.75$, $B_1^{\min}=3.79$, $B_2^{\max}=2.55$, and $B_2^{\min}=1.83$."

In Table V, page 2316, the contributions in lines 9 and 10 under $I_{i/GS}^n$ should read $-29\ 140.0$ and $-29\ 140.0$, respectively, and the contributions in lines 1 and 13 under $I_{i/CZ}^n$ should read $-69\ 654.83$ and 2948.17 , respectively.

In Eq. (4.3), page 2319, N^2 should be replaced by M^2 .

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Erratum: $K_L \rightarrow 2\gamma$ and $K_L \rightarrow \pi^+\pi^-\gamma$ decays [Phys. Rev. D 43, R4 (1991)]

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In the *Note added* on page R7, the sentence beginning in the fifth line of the second column should read "This amounts to $B(K_L \rightarrow \pi^0 e^+ e^-) = 1.5 \times 10^{-12}$."

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Erratum: Limits on mixing angle and mass of Z' using $\Delta\rho$ and atomic parity violation [Phys. Rev. D 43, 3093 (1991)]

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Because of the particular parametrization of the weak neutral interactions the relation between $\sin^2\theta_W$ extracted from experiment using models with and without Z' should be $(\sin^2\theta_W)_{Z'} = (\sin^2\theta_W)_{SM} - \Delta\rho_M (\cos^2\theta_W \sin^2\theta_W / \cos 2\theta_W)_{SM}$ where subscript Z' (SM) indicates the value with (without) Z' . Thus the second term in (12) becomes $(-4Z \cos^2\theta_W \sin^2\theta_W / \cos 2\theta_W) \Delta\rho_M$, and as a result the terms proportional to $\Delta\rho_M$ almost cancel for the cesium atom. This in turn gives better bound on the parameters. The following table replaces Table III where we have also taken the latest limit on $\Delta\rho \leq 0.01$.

We thank G. Altarelli for a helpful communication.