Errata

Erratum: Low-energy theorems for photoinduced reactions in the Skyrme-soliton model [Phys. Rev. D 51, 6059 (1995)]

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PACS number(s): 13.60.Le, 12.39.Dc, 13.60.Fz, 99.10.+g

Equation (5.31) should read

$$H_{MM}(v)=\frac{2}{3}\frac{d^2}{b^2}+\frac{\frac{4}{3}d(d^2+\frac{1}{2}\gamma^2)\sqrt{1-v^2}+\frac{3}{8}\gamma^2+\frac{1}{6}d^2}{b^2[(1-d\sqrt{1-v^2})^2+\gamma^2(1-v^2)]}.$$

Equation (5.32) should read

$$\int d\Omega[\tfrac{4}{3}(T_E^{(-)})^\dagger(T_M^{(-)})+\text{c.c.}]=4\pi\frac{4}{9}\left(\frac{eG_{\Delta N\pi}}{8\pi M}\right)^2\mu_V^N\mu\left\{\frac{a}{bv}-\frac{a^2-b^2v^2}{2b^2v^2}\ln\left(\frac{a+bv}{a-bv}\right)\right\}\{-dv\},$$

and Eq. (5.33) should read

$$\int d\Omega\{\tfrac{4}{3}|T_M^{(-)}|^2+\tfrac{14}{3}|T_M^{(+)}|^2-2[T_M^{(-)\dagger}T_M^{(+)}+\text{c.c.}]\}=4\pi\frac{4}{9}\left(\frac{eG_{\Delta N\pi}}{8\pi M}\right)^2(\mu_V^N\mu)^2\{\tfrac{2}{3}d^2v^2\}.$$

In the above $a=(1+b^2)/2$.

Accordingly, the numerical values in Table II should be modified as shown below.

We thank Y. Tanushi for numerical calculations.

TABLE II. Numerical results of $\overline{\beta}$.

Parameters	Electric Born (fm^3)	Interference (fm^3)	Magnetic Born (fm^3)	Total (fm^3)
Empirical	1.4×10^{-4} 1.1×10^{-4}	-2.8×10^{-4} -2.4×10^{-4}	22.6×10^{-4} 1.4×10^{-4}	21.3×10^{-4}
Adkins	1.1×10^{-4} 0.9×10^{-4}	-1.5×10^{-4} -1.3×10^{-4}	8.1×10^{-4} 0.5×10^{-4}	7.8×10^{-4}

Erratum: QCD radiative correction to the hadronic annihilation rate of 1^{+-} heavy quarkonium [Phys. Rev. D 54, 3065 (1996)]

Han-Wen Huang and Kuang-Ta Chao

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We have made a numerical error. The term

$$\frac{C_A}{2}\left(\frac{1}{\epsilon_{\rm IR}}+\frac{15}{2}-\frac{\pi^2}{3}\right)$$

in Table I for Fig. 5(k)+5(l) should read

$$\frac{C_A}{2}\left(\frac{1}{\epsilon_{\rm IR}}+8-\frac{\pi^2}{3}\right).$$

Accordingly, the coefficient A in Eq. (21) should be

$$A=C_F\left(\frac{\pi^2}{4}-5\right)+C_A\left(\frac{122}{9}-\frac{17\pi^2}{24}\right)-\frac{8}{9}n_f,$$

and the numerical results for $\mathrm{Im}f_8(^1S_0)$ for the charmonium system in Eq. (29) should read

$$\mathrm{Im}f_8(^1S_0)=[\mathrm{Im}f_8(^1S_0)]_0\left(1+7.85\frac{\alpha_s}{\pi}\right).$$

Thus the estimated numerical width for h_c given in Eq. (29) only has a small change:

$$\Gamma(h_c\to LH)=-0.16\alpha_s^3(m_c)H_1+2.62\alpha_s^2(m_c)\left(1+7.85\frac{\alpha_s(m_c)}{\pi}\right)H_8.$$

We would like to thank Dr. Petrelli *et al.* for pointing out this problem by comparing with their recent result in hep-ph/9707223. It is important to show that now the two independent calculations give identical results for the next-to-leading order coefficient $\mathrm{Im}f_8(^1S_0)$.

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Erratum: Flavor-changing neutral currents, *CP* violation, and impure Majorana neutrinos [Phys. Rev. D 56, 1522 (1997)]

Dan-Di Wu

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Equation (26) should read

$$|\langle\psi(t,\nu_1)|l_{1,2}\rangle|^2=\tfrac{1}{2}\{(\sin^2 2\theta\pm\sin^2 2\theta)+\cos^2 2\theta(1\pm\cos[(m_1-m_3)t])\}.$$

The sentences after Eq. (26) should be deleted until the beginning of the next paragraph.

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