
Errata

Erratum: Two-photon decay of the pseudoscalar mesons
[Phys. Rev. D 13, 129 (1976)]

Nathan Isgur

An arithmetic error in the calculation of $\Gamma(\eta_c \rightarrow \gamma\gamma)$ requires that the result quoted in this paper be multiplied by $\frac{4}{9}$. The correct prediction is $\Gamma(\eta_c \rightarrow \gamma\gamma) = 7 \pm 2$ keV.

Erratum: Positive-parity excited baryons in a quark model with hyperfine interactions
[Phys. Rev. D 19, 2653 (1979)]

Nathan Isgur and Gabriel Karl

The right-hand sides of Eqs. (22) and (23) should be $E_0 - \frac{2}{5}\Delta$ and $E_0 - \frac{1}{5}\Delta$, respectively, as shown in Fig. 1. In Table II, one of the $\Sigma^4 D_{\rho\rho} \frac{1}{2}^+$ states should be changed to $\Sigma^4 D_{\lambda\lambda} \frac{1}{2}^+$. In the last column of Table VI, change $\Sigma_{10}^4 D_M \frac{7}{2}^+$ into $\Sigma_8^4 D_M \frac{7}{2}^+$ and interchange $\Lambda_1^2 D_M \frac{5}{2}^+$ with $\Lambda_8^2 D_M \frac{5}{2}^+$. In Eq. (B24) change ψ_{11}^λ to ψ_{11}^A . In Eq. (B28) change ${}^4 10$ to ${}^2 10$. In Eq. (C11) change $\sqrt{2}/3$ to $-\sqrt{2}/3$.

These were all typographic or transcription errors; none found their way into the calculations so they do not affect the physics of the paper at all.

Erratum: Charmed baryons in a quark model with hyperfine interactions
[Phys. Rev. D 20, 768 (1979)]

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Equation (40) of this paper contains a remnant of an earlier notation: q should be replaced by k . There are more significant changes in Table II:

- (1) The first, second, and seventh amplitudes should have the symbol h' replaced by h'_z , h''_z , and h''_z^{-1} , respectively.
- (2) The phase space for $\Sigma_c \frac{3}{2}^+ \rightarrow \Lambda_c \frac{1}{2}^+ + \pi^0$ was miscalculated; the prediction for its width should

have been 40 MeV, not 60 MeV.

Finally, we mention that the spectrum of this paper was based on a Λ_c mass of 2.260 MeV current at the time of its submission. If, as now seems likely, the Λ_c is heavier by Δm MeV, then to a good approximation our entire spectrum will be shifted upwards by the same amount.

Erratum: Isospin-violating mass differences and mixing angles: The role of quark masses
[Phys. Rev. D 21, 779 (1980)]

Nathan Isgur

Table I has several errors:

- (1) The electric component of $\Sigma^- - \Sigma^0$ should be $+\frac{2}{3}\epsilon$, not $+\frac{1}{3}\epsilon$, as is required by the $\Delta I=2$ relation for $\Sigma^+ + \Sigma^- - 2\Sigma^0$.
- (2) The magnetic column should have all unsubscripted symbols x replaced by x_s .

- (3) The "Total theory" column should have $\Sigma^+ - \Sigma^0 = -3.3$, $\Sigma^- - \Sigma^0 = +4.9$, and $\Xi^- - \Xi^0 = +6.8$.

These changes improve the agreement with experiment. I am grateful to H. J. Schnitzer for a comment which brought these problems to my attention.