
Errata

Erratum: Gluon content of a rest-frame proton [Phys. Rev. D 18, 927 (1978)]

Eugene Golowich

We clarify here some notation employed in the paper. First relabel the equation defining the positive-parity quark wave functions from (19) to (19a). The negative-parity quark wave functions are in turn given by

$$q'_+ = j_0(pu), \quad q'_- = \left(\frac{\omega + mR}{\omega - mR} \right)^{1/2} j_1(pu) \quad (19b)$$

and the appropriate normalization factor for quarks of positive ($\kappa = -1$) or negative ($\kappa = +1$) parity

$$N^2 = \frac{(\omega^2 - m^2 R^2)^2}{R^3 (2\omega^2 + 2\kappa\omega + mR) \sin^2[(\omega^2 - m^2 R^2)^{1/2}]} \quad (27)$$

replaces Eq. (27). The results of the paper are unaffected.

Erratum: Octet dominance of nonleptonic decays in a nonrelativistic quark model [Phys. Rev. D 18, 1578 (1978)]

Riazuddin and Fayyazuddin

The right-hand sides of Eqs. (2), (3), (5), (11), and (14) and of the unnumbered equation after Eq. (14) should be multiplied by a factor of 2. In the fourth line after Eq. (14), $|F|$ should be 3×10^{-5} MeV. The last sentence of the next to last paragraph should read "Such a value of $|F|$ would require $\alpha_s \approx 0.34$." The above corrections do not alter the conclusions of the paper; in fact, the value of α_s now required is more reasonable. We would like to express our thanks to Dr. Luis Oliver for pointing out the above error.

Erratum: Three-pion states and a new approach to the permutation group S_3 . I [Phys. Rev. D 18, 3427 (1978)]

C. Kacser and S. P. Rosen

After this paper had been published, the authors were informed by Dr. Joseph Proriot that he had introduced the complex-number representation [Eqs. (2.3)] for the 2_M representation of S_3 in his thesis, which was submitted to the Faculty of Sciences of the University of Strasbourg in 1962. The authors are grateful to Dr. Proriot for bringing this reference to their attention.