Errata

Nature of $SU(3)\times SU(3)$ Symmetry Breaking – Results from a Systematic Test of the Soft-Meson Theorems, Frank von Hippel and Jae Kwan Kim [Phys. Rev. D 1, 151 (1970)].

Eq. (1.3): The right-hand side should have its sign reversed.

Eq. (3.7): The term on the right-hand side proportional to $\mathfrak{M}_\alpha - \mathfrak{M}_\beta$ should have its sign reversed.

Eqs. (4.4) and (4.6): A dot indicating a time derivative is missing over the $A^0_\alpha(0)$ on the left-hand side.

Eq. (4.17): This equation should read

$$\dot{A}^0_\alpha \rightarrow +[\sqrt{\tfrac{2}{3}} + cd_{8\alpha\alpha}]v_\alpha, \quad \alpha \neq 8 .$$

Eq. (A11): The right-hand side should be multiplied by 3.

Table I: The experimental πN scattering lengths were quoted in pion Compton wavelengths rather than fermis. They should therefore be multiplied by ≈ 1.4.

Table II: In the column under "Experimental values" the πN entries become

$$(\pi N)_{1/2}: 0.06 \pm 0.01, \quad (\pi N)_{3/2}: -0.01 \pm 0.01 ,$$

because of the error in Table I.

Table III: In the column under $\Delta \mathrm{Re}T$, the πN entries become

$$(\pi N)_{1/2}: 0.02 \pm 0.03, \quad (\pi N)_{3/2}: -0.05 \pm 0.03 ,$$

also because of the error in Table I. The values in the column under T_A should be multiplied by a factor of 3 because of the error in Eq. (A.11).

Most of the sign errors occurred in the change of sign convention for $\mathfrak{M}$ from our earlier Letter[1] to the article. They, therefore, do not affect our numbers. The numerical errors are minor and do not affect our conclusions. We are indebted to Robert Cahn for bringing most of these errors to our attention.

[1]F. von Hippel and J. K. Kim, Phys. Rev. Letters 22, 740 (1969).

General Local Interactions and Tests of $V-A$ Theory in Neutrino Scattering Processes, T. P. Cheng and Wu-Ki Tung [Phys. Rev. D 3, 733 (1971)]. Factors of $\frac{1}{2}$ should be omitted in the expression for I_8 and I_9 in Eq. (38). In Eq. (49), J's should be replaced by V's in expressions for a_2 and a_3. In Eq. (A1), a term $T_{(m)\sigma'\sigma}$ should be inserted after the factor $\sqrt{2}\, m_l (1+m_l^2/q^2)^{1/2}$. In the last paragraph of Appendix C, the correct equation should read $3a_1 = b_1$.

Possible Test of the $\Delta S = \Delta Q$ Rule in $K^0_{\mu 3}$ Decay in a Regeneration Experiment, Abdul Ebrahim [Phys. Rev. D 3, 109 (1971)]. The last expression following Eq. (4) should read

$$G_2 = (m/2M)[(f_+ - f_-) - r(g_+ - g_-)].$$

Coincidence Measurements of Single-Pion Electroproduction near the $\Delta(1236)$ Resonance, C. Mistretta, J. A. Appel, R. J. Budnitz, L. Carroll, J. Chen, J. R. Dunning, Jr., M. Goitein, K. Hanson, D. C. Imrie, and Richard Wilson, [Phys. Rev. 184, 1487 (1969)]. The overall sign of the $(M_1^-)(M_1^+)^*$ interference term in the A coefficient on page 1500 should be positive instead of negative. The numbers presented in Table VI are slightly altered and can be recalculated using Table IV and Eqs. (17). We wish to thank J. Gayler for bringing this to our attention.