

## Errata

**Lagrangian Formulation of  $\tilde{U}(12)$  Symmetry and the Bargmann-Wigner Equations**, G. S. GURALNIK AND T. W. B. KIBBLE [Phys. Rev. **139**, B712 (1965)]. There are two sign errors in this paper. In Eq. (35),  $(\Omega + \Phi')$  should be  $(\Omega - \Phi')$ , and in Eq. (36),  $(\Psi - \Phi)$  should be  $(\Psi + \Phi)$ . These changes do not affect any of the subsequent equations, although the algebra involved in proving that  $\Phi = 0$  is more complicated than originally stated.

The authors are indebted to Dr. Shau-jin Chang for having called their attention to these errors.

Reference 2 should also have included a reference to Riazuddin and L. K. Pandit, Phys. Rev. Letters **14**, 462 (1965).

**Algebra of Currents and Form Factors**, RIAZUDDIN AND BENJAMIN W. LEE [Phys. Rev. **146**, 1202 (1966)]. The following portion of Appendix A did not appear in print:

$$M_2 = \frac{4m\nu_B - k^2}{4m\nu_B} M_B - \frac{\nu}{2\nu_B} M_E. \quad (\text{A3})$$

Therefore,

$$A_2 M_2 + A_5 M_5 = A_2 \frac{4m\nu_B - k^2}{4m\nu_B} M_B + \left( A_5 - \frac{\nu}{2\nu_B} A_2 \right) M_E,$$

so that

$$\begin{aligned} H_B &= \frac{4m\nu_B - k^2}{4m\nu_B} A_2, \\ H_E &= \frac{2\nu_B A_5 - \nu A_2}{2\nu_B}, \end{aligned} \quad (\text{A4})$$

and we have

$$H_A = A_1, \quad H_C = A_3, \quad H_D = A_4, \quad H_F = A_6,$$

showing that  $H_B$  and  $H_E$  in general have a kinematic singularity at  $\nu_B = 0$ , whereas  $H_A, H_C, H_D$ , and  $H_F$  do not have such a singularity.

On p. 1205, top line, read  $-M_A = \gamma_5 \sigma_{\nu\lambda} k^\lambda = -\frac{1}{2} i \gamma_5 (\gamma_\nu \mathbf{k} - \mathbf{k} \gamma_\nu)$ , and in the line following Eq. (3.12) read  $\nu_0 = \nu_B + \mu + \mu^2/2m$ .

**Photoproduction and Electroproduction of Pions in the Region of  $N^*$  (1238)**, N. ZAGURY [Phys. Rev. **145**, 1112 (1966)]. A term was omitted in Eqs. (II5) and (II6) of Appendix II. The correct equations are:

$$\begin{aligned} \mathfrak{F}_7 = -\{ & [(W+m)^2 - \lambda^2]^{1/2} [(W-m)^2 - \mu^2]^{1/2} / 16\pi s \} \{ (E_1 - m)(A_1 - 2mA_4) \\ & + \frac{1}{2} [(t - \mu^2 - \lambda^2) + 2q_0(W-m)](A_4 - A_3) - A_4(W-m)(E_1 - m) \\ & - \frac{1}{2} [(E_1 + E_2)(t - \mu^2) + (q_0 - \frac{1}{2}k_0)(s-u)]A_2 \\ & + [(\lambda^2 + \mu^2 - t)\frac{1}{2}k_0 - \lambda^2 q_0]A_5 + A_6(E_1 - m)(W+m) \}. \quad (\text{II5}) \end{aligned}$$

$$\begin{aligned} \mathfrak{F}_8 = -\{ & [(W-m)^2 - \lambda^2]^{1/2} [(W+m)^2 - \mu^2]^{1/2} / 16\pi s \} \{ -(E_1 + m)(A_1 - 2mA_4) \\ & + \frac{1}{2} [(t - \mu^2 - \lambda^2) + 2q_0(W+m)](A_4 - A_3) - A_4(W+m)(E_1 + m) \\ & + \frac{1}{2} [(E_1 + E_2)(t - \mu^2) + (q_0 - \frac{1}{2}k_0)(s-u)]A_2 \\ & - [(\lambda^2 + \mu^2 - t)\frac{1}{2}k_0 - \lambda^2 q_0]A_5 + A_6(E_1 + m)(W-m) \}. \quad (\text{II6}) \end{aligned}$$

Since the uncorrected equations were not used in the actual calculations, the results of the paper remain unaltered. I am grateful to D. Weaver and F. Berends for bringing this to my attention.

The first sentence of Sec. III should read: Let  $l_\gamma$  be the total angular momentum of the photon.

In Eqs. (4.15), (4.16), and (4.17) one should read “ $f$ ” instead of “ $f/\mu$ ”. In Eq. (6.6) one should read  $\pi^3$  instead of  $\pi^2$ . In Eq. (4.15) one should read  $q^3$  instead of  $q^2$ .