Errata

Erratum: Charged particles in Einstein's unified field theory [Phys. Rev. D 15, 377 (1977)]

Coates R. Johnson and Jon R. Nance

The argument presented in Sec. III for setting $w = 0$ involves the tacit assumption that the global topology of space is Euclidean. The authors now believe this assumption is too restrictive and should not be made. The condition $w = 0$ can still be retained, however, if we restrict the time-independent spherically symmetric solutions representing particles to solutions invariant under time reversal. With this assumption, equivalent to assuming the particles possess no magnetic-monopole moment, the conclusions of the paper remain unchanged.

Erratum: Spontaneous symmetry breaking in O(N)-symmetric ϕ^6 theory in the $1/N$ expansion [Phys. Rev. D 12, 2269 (1975)]

P. K. Townsend

In Ref. 10 there is an incorrectly attributed reference. The reference to "R. G. Root, Nucl. Phys. B95, 148 (1975); Princeton Univ. report (unpublished)" should read "J. Schonfeld, Nucl. Phys. B95, 148 (1975)".

Erratum: Spectral-function sum rules and the pion electromagnetic mass difference at finite temperature [Phys. Rev. D 15, 3030 (1977)]

L. R. Ram Mohan

The following corrections to Eqs. (59), (60), (61) and the equation appearing between Eqs. (60) and (61), should be noted:

(a) The terms appearing on the right-hand sides of these equations have to be multiplied by (−1).

(b) In the gauge employed in the paper there is an additional Feynman diagram arising from the contact interaction

$$e^2\varphi_\pi^\dagger\varphi_\pi A_\mu A^\mu ,$$

leading to an additional term $(e^2/4\pi)\pi T^2$ to be added to the right-hand sides of these equations.

The final expression for $\Delta m_\pi{}^2$ appearing in the Introduction and in Eq. (64) should be replaced by

$$\Delta m_\pi{}^2 = \frac{e^2}{4\pi}\left(-\frac{3}{2\pi}m_\rho{}^2\ln 2 + 1.76 m_\rho T + \pi T^2\right),$$

and the corresponding temperature at which $\Delta m_\pi{}^2$ vanishes is now lowered to $T \simeq 113$ MeV.