Erratum: Inverse Compton effect induced by a circularly polarized wave [Sov. Phys. JETP 57, 935 (February 1983)]

Ya. T. Ginchishin and M. P. Rekalo

1. In Eq. (4) for $F_0^{(l)}$ replace the factor $2 + x^2/(1 + x^2)$ by
$$2 + \frac{x^2}{1 + x^2} \frac{u^2}{1 + u}.$$

2. In the second line of Eq. (8) for G_0^1 a factor 2 was left out in front of $(sk')/m$.

3. In Eq. (10) for $G_0^{(1)}$ the factor $(2u + u/(1 + u))$ should be replaced by $2u(1 + 1/(1 + u))$.

4. In Eq. (10) for $G_2^{(1)}$ the quantity $(u/(1 + u) - 2u)$ in the parentheses should be replaced by the quantity $2u\left(\frac{u}{u_1} \frac{1}{1 + u}\left(1 - \frac{u}{u_2}\right) - 1\right)$ in parentheses.

5. The symbol G in the right-hand side of fourth equation in (10) should read $G_0^{(2)}$.

6. In the last line of Eq. (12) for W_2 replace u_3^2 by u_2^2.

7. In the first (unnumbered) equation, left-hand column of p. 939, a missing factor $(1 - 2y_1)$ should precede the fraction $x^2/(1 + x^2)$.

Translated by J. G. Adashko