

**Erratum: Timelike and spacelike electromagnetic form factors of nucleons,
a unified description**
[Phys. Rev. D **85**, 113004 (2012)]

Earle L. Lomon

Simone Pacetti

(Received 19 July 2012; published 1 August 2012)

DOI: [10.1103/PhysRevD.86.039901](https://doi.org/10.1103/PhysRevD.86.039901)

PACS numbers: 13.40.Gp, 12.40.-y, 14.20.Dh, 25.30.Bf, 99.10.Cd

Equation (3), i.e.

$$F_i^{\text{is}} = \frac{1}{2}(F_i^p + F_i^n), \quad F_i^{\text{iv}} = \frac{1}{2}(F_i^p - F_i^n), \quad i = 1, 2,$$

should be replaced by

$$F_i^{\text{is}} = F_i^p + F_i^n, \quad F_i^{\text{iv}} = F_i^p - F_i^n, \quad i = 1, 2.$$

The second and fourth expressions of Eq. (4), i.e.

$$F_2^{\text{iv}}(q^2) = \kappa_\rho [BW_{\text{MMD}}^{2,\rho}(q^2) + BW_0^{\rho'}(q^2)]F_2^p(q^2) + [1 - BW_{\text{MMD}}^{2,\rho}(0) - BW_0^{\rho'}(0)]F_2^D(q^2),$$

$$F_2^{\text{is}}(q^2) = [\kappa_\omega BW_0^\omega(q^2) + \kappa_{\omega'} BW_0^{\omega'}(q^2)]F_2^\omega(q^2) + \kappa_\phi BW_0^\phi(q^2)F_2^\phi(q^2) + [\kappa_s - \kappa_\omega BW_0^\omega(0) - \kappa_{\omega'} BW_0^{\omega'}(0)]F_2^D(q^2),$$

should be replaced by

$$F_2^{\text{iv}}(q^2) = [\kappa_\rho BW_{\text{MMD}}^{2,\rho}(q^2) + \kappa_{\rho'} BW_0^{\rho'}(q^2)]F_2^p(q^2) + [\kappa_v - \kappa_\rho BW_{\text{MMD}}^{2,\rho}(0) - \kappa_{\rho'} BW_0^{\rho'}(0)]F_2^D(q^2),$$

$$F_2^{\text{is}}(q^2) = [\kappa_\omega BW_0^\omega(q^2) + \kappa_{\omega'} BW_0^{\omega'}(q^2)]F_2^\omega(q^2) + \kappa_\phi BW_0^\phi(q^2)F_2^\phi(q^2) \\ + [\kappa_s - \kappa_\omega BW_0^\omega(0) - \kappa_{\omega'} BW_0^{\omega'}(0) - \kappa_\phi BW_0^\phi(0)]F_2^D(q^2).$$

These errors have a pure editing origin; therefore, they do not affect the content and the results of the paper.