

**Analysis of Nucleon Form Factor Data Reveals
the $e^+e^- \rightarrow \bar{n}n$ Cross-section to be Remarkably Larger
than the $e^+e^- \rightarrow \bar{p}p$ One.**

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PACS 12.40 - Models of strong interactions.

PACS 13.40.Fn - Electromagnetic form factors; electric and magnetic moments.

PACS 99.10 - Errata.

On p. 1, in the second line from below instead of $e^-n^- \rightarrow e^-n$ should be $e^-n \rightarrow e^-n$.

The last expression in (14) should read

$$F_2^N(0) = 1/2 [\mu_p - \mu_n].$$

On p. 8, in the second line of the third indentation should be $t_0^2 = 4m_\pi^2$.

On p. 9, in the line before eq. (21a) m_π (in brackets) should be replaced by $m_\pi = 1$.

On p. 10, eqs. (26a) and (26b) should be replaced by

$$(26a) \quad \left\{ \begin{array}{l} r^2 = r_{\text{in}}^2 \left[- \left(\frac{1 + V^2}{1 - V^2} \right)^2 \right], \\ r_N^2 = r_{\text{in}}^2 \left[1 - \left(\frac{1 + V_N^2}{1 - V_N^2} \right)^2 \right], \\ r_{s0}^2 = r_{\text{in}}^2 \left[1 - \left(\frac{1 + V_{s0}^2}{1 - V_{s0}^2} \right)^2 \right] \end{array} \right.$$

and

$$(26b) \quad \begin{cases} q^2 = q_{in}^2 \left[1 - \left(\frac{1+W^2}{1-W^2} \right)^2 \right], \\ q_N^2 = q_{in}^2 \left[1 - \left(\frac{1+W_N^2}{1-W_N^2} \right)^2 \right], \\ q_{v0}^2 = q_{in}^2 \left[1 - \left(\frac{1+W_{v0}^2}{1-W_{v0}^2} \right)^2 \right], \end{cases}$$

respectively.

On p. 12, the left-hand side of eq. (30d) should be replaced by $F_2^y[W(t)]_0$.

On p. 13, eqs. (32) should be

$$(32) \quad \begin{cases} F_1^s[V(t)] = \left(\frac{1-V^2}{1-V_N^2} \right)^4 \left[\sum_{s=v, z} \frac{(V_N - V_s)(V_N - V_s^*)(V_N - 1/V_s)(V_N - 1/V_s^*)}{(V - V_s)(V - V_s^*)(V - 1/V_s)(V - 1/V_s^*)} \cdot \right. \\ \quad \left. \cdot (f_{sN}^{(1)}/f_s) + \frac{(V_N - V_{\dot{z}})(V_N - V_{\dot{z}}^*)(V_N + V_{\dot{z}})(V_N + V_{\dot{z}}^*)}{(V - V_{\dot{z}})(V - V_{\dot{z}}^*)(V + V_{\dot{z}})(V + V_{\dot{z}}^*)} (f_{\dot{z}N}^{(1)}/f_{\dot{z}}) \right], \\ F_1^y[W(t)] = \left(\frac{1-W^2}{1-W_N^2} \right)^4 \left[\frac{(W_N - W_{\dot{z}})(W_N - W_{\dot{z}}^*)(W_N - 1/W_{\dot{z}})(W_N - 1/W_{\dot{z}}^*)}{(W - W_{\dot{z}})(W - W_{\dot{z}}^*)(W - 1/W_{\dot{z}})(W - 1/W_{\dot{z}}^*)} (f_{\dot{z}N}^{(1)}/f_{\dot{z}}) \cdot \right. \\ \quad \left. + \sum_{v, z} \frac{(W_N - W_v)(W_N - W_v^*)(W_N + W_v)(W_N + W_v^*)}{(W - W_v)(W - W_v^*)(W + W_v)(W + W_v^*)} (f_{vN}^{(1)}/f_v) \right], \\ F_2^s[V(t)] = \left(\frac{1-V^2}{1-V_N^2} \right)^6 \left[\sum_{s=v, z} \frac{(V_N - V_s)(V_N - V_s^*)(V_N - 1/V_s)(V_N - 1/V_s^*)}{(V - V_s)(V - V_s^*)(V - 1/V_s)(V - 1/V_s^*)} \cdot \right. \\ \quad \left. \cdot (f_{sN}^{(2)}/f_s) + \frac{(V_N - V_{\dot{z}})(V_N - V_{\dot{z}}^*)(V_N + V_{\dot{z}})(V_N + V_{\dot{z}}^*)}{(V - V_{\dot{z}})(V - V_{\dot{z}}^*)(V + V_{\dot{z}})(V + V_{\dot{z}}^*)} (f_{\dot{z}N}^{(2)}/f_{\dot{z}}) \right], \\ F_2^y[W(t)] = \left(\frac{1-W^2}{1-W_N^2} \right)^6 \left[\frac{(W_N - W_{\dot{z}})(W_N - W_{\dot{z}}^*)(W_N - 1/W_{\dot{z}})(W_N - 1/W_{\dot{z}}^*)}{(W - W_{\dot{z}})(W - W_{\dot{z}}^*)(W - 1/W_{\dot{z}})(W - 1/W_{\dot{z}}^*)} (f_{\dot{z}N}^{(2)}/f_{\dot{z}}) \cdot \right. \\ \quad \left. + \sum_{v, z} \frac{(W_N - W_v)(W_N - W_v^*)(W_N + W_v)(W_N + W_v^*)}{(W - W_v)(W - W_v^*)(W + W_v)(W + W_v^*)} (f_{vN}^{(2)}/f_v) \right], \end{cases}$$

On p. 19, the left-hand side of the second and third relation of eq. (40) should read $f_{\dot{z}N}^{(1)}/f_{\dot{z}}$ and $f_{\dot{z}N}^{(2)}/f_{\dot{z}}$, respectively.

These errors have no effect on any of the numerical results of the paper as they have been taken into account in the analysis of the data correctly.