Erratum: Proton and neutron magnetic moments in quantum chromodynamics [JETP Lett. 37, No. 5, 298–301 (5 March 1983)]

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In the paper of B. L. Ioffe and A. V. Smilga, published in Vol. 37, No. 5, the following errors were missed. The signs in front of the terms proportional to χ and κ on the left sides of Eqs. (3) and (4) should be changed to the opposite signs. The anomalous dimensionality of the quark current is attributable, as in Refs. 2 and 3 of this paper, to the incorrect sign. [One of the authors (B.I.) is indebted to Prof. G. Dosh for pointing out this error.] To correct this error the left sides of Eqs. (3) and (4) and the right sides of Eqs. (6) (those under the sign of differential operator) must be multiplied by $L^{-8/9}$. As a result, the value χ turns out to be $\chi = -350 \pm 50 \,\text{MeV}^{-2}$, while the constants A and B become $A_p = 3.4 \,\text{GeV}^{-2}$, $A_n = -1.7 \,\text{GeV}^{-2}$, $B_p = 2.3 \,\text{GeV}^{-2}$, and $B_n = -3.7 \,\text{GeV}^{-2}$. Equations (7) for magnetic moments remain the same.