
ERRATA

Catalysis of Dynamical Flavor Symmetry Breaking by a Magnetic Field in 2 + 1 Dimensions
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The correct Eq. (2) should read as follows:

$$D_\mu = \partial_\mu - ieA_\mu^{\text{ext}}, \quad A_\mu^{\text{ext}} = -Bx_2\delta_{\mu 1}. \quad (2)$$

The correct expression for the charge Q_2 on p. 3500 is

$$Q_2 = \sum_p (a_{0p}^\dagger d_{0-p}^\dagger + d_{0-p} a_{0p}) + \sum_{n=1}^{\infty} \sum_p [(a_{np}^\dagger c_{np} + c_{np}^\dagger a_{np}) + (b_{np}^\dagger d_{np} + d_{np}^\dagger b_{np})].$$

The correct Eq. (24) should read as follows:

$$E_{\tau,\pi} = \left(1 - \frac{1}{8(\bar{\sigma}l)^4}\right) (k^2)^{1/2}. \quad (24)$$