

Erratum: Quantum Hall effect in quantum electrodynamics
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The perturbative coefficient in Eq. (6) should be $1/45$ instead of $11/180$. The noncovariant term in the polarization tensor contributes only the photon dispersion and should be excluded from the corrections to the current (10). The perturbative coefficient in Eqs. (11), (12) should be $1/45$ instead of $1/15$ and the matching coefficient (15) should be $C=1$. The perturbative coefficient in Eqs. (17), (18), and (19) should be $2/45$ instead of $23/180$.

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