

Erratum: Superfield effective potential for the supersymmetric topologically massive gauge theory in four dimensions
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Equations (33), (39), (41), (42), (43), and (44) in our paper should be read as

$$f(\bar{\Phi}\Phi) \equiv \frac{1 - 2(2h)^2\bar{\Phi}\Phi}{1 - 4(2h)^2\bar{\Phi}\Phi}, \quad (33)$$

$$K^{(1)}(\bar{\Phi}, \Phi) = - \int \frac{d^4 p}{(2\pi)^4} \frac{1}{p^2} \ln \left\{ p^2 + \frac{1 - 2(2h)^2\bar{\Phi}\Phi}{2 - 8(2h)^2\bar{\Phi}\Phi} (m - 8gh\bar{\Phi}\Phi)^2 + (2g)^2\bar{\Phi}\Phi \right\}, \quad (39)$$

$$K_{\text{div}}^{(1)}(\bar{\Phi}, \Phi) = - \frac{1}{16\pi^2(2 - \omega)} \left[\frac{1 - 2(2h)^2\bar{\Phi}\Phi}{2 - 8(2h)^2\bar{\Phi}\Phi} (m - 8gh\bar{\Phi}\Phi)^2 + (2g)^2\bar{\Phi}\Phi \right], \quad (41)$$

$$K_{\text{fin}}^{(1)}(\bar{\Phi}, \Phi) = \frac{1}{16\pi^2} \left[\frac{1 - 2(2h)^2\bar{\Phi}\Phi}{2 - 8(2h)^2\bar{\Phi}\Phi} (m - 8gh\bar{\Phi}\Phi)^2 + (2g)^2\bar{\Phi}\Phi \right] \times \ln \frac{1}{\mu^2} \left[\frac{1 - 2(2h)^2\bar{\Phi}\Phi}{2 - 8(2h)^2\bar{\Phi}\Phi} (m - 8gh\bar{\Phi}\Phi)^2 + (2g)^2\bar{\Phi}\Phi \right], \quad (42)$$

$$K_{\text{div}}^{(1)}(\bar{\Phi}, \Phi) = - \frac{(2g)^2\bar{\Phi}\Phi}{16\pi^2(2 - \omega)}, \quad (43)$$

$$K_{\text{fin}}^{(1)}(\bar{\Phi}, \Phi) = \frac{1}{32\pi^2} [m^2 + 2(2g)^2\bar{\Phi}\Phi] \ln \frac{1}{2\mu^2} [m^2 + 2(2g)^2\bar{\Phi}\Phi], \quad (44)$$

respectively.

None of the above corrections affect our discussions and conclusions.

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