

**ERRATA** to 'Non-Perturbative Renormalization Group Functions in (2 + 1)-Dimensional Supersymmetric Gauge Theories' by E.R. Nissimov and S.J. Pacheva, *LMP* 6 (1982), 101–108.

There is a missing term in the right-hand side of Equation (1'):

$$-g_1(g_1 + 2g_0)(Nn)^{-2}(\varphi^*\varphi - Nn\mu/T)(\varphi^*\lambda_A\varphi)^2.$$

In Equations (11), the following terms should be added to the expressions for:

$$\beta_8^{(1)}(\mathbf{u}, \mathbf{h}): -(n^2 - 1)(n\pi^2)^{-1}16u_0\partial/\partial h_1 [h_1 I(h_1)],$$

$$\beta_1^{(1)}(\mathbf{u}, \mathbf{h}): -[n\pi^2(h_0 - h_1)]^{-1}16u_1 [h_0 I(h_0) - h_1 I(h_1)],$$

$$\zeta_{\Sigma_0}^{(1)}(\mathbf{u}, \mathbf{h}): -(n^2 - 1)(n\pi^2)^{-1}8\partial/\partial h_1 [h_1 I(h_1)],$$

$$\zeta_{\Sigma}^{(1)}(\mathbf{u}, \mathbf{h}): -[n\pi^2(h_0 - h_1)]^{-1}8[h_0 I(h_0) - h_1 I(h_1)],$$

where  $I(h) \equiv (1 + h^2)^{-2} [1 + h^2 - \frac{1}{2}\pi h(1 - h^2) - 2h^2 \log h]$ .

In Equations (12), the following terms should be added to the expressions for:

$$\beta^{(1)}(u, h): -16u\pi^{-2}\partial/\partial h [hI(h)],$$

$$\zeta_{\Sigma}^{(1)}(u, h): -8\pi^{-2}\partial/\partial h [hI(h)].$$

Equation (13) should read accordingly:

$$\text{an UV one: } u_r^* = 0, \quad h_r^* = \infty \text{ (i.e., } g_r^* = \infty, e_r^* = 0);$$

$$\text{an IR one: } u_r^{**} = \infty, \quad h_r^{**} = 0 \text{ (i.e., } g_r^{**} = 0, e_r^{**} = \infty).$$

Finally, the value of  $\nu^{(1)}$  should be altered to:  $\nu^{(1)} = 1 - 4n(N\pi^2)^{-1}$ .

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