Errata

Erratum: Conformal phase transition in gauge theories
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There are minor misprints in Eqs. (17) and (56). Equation (17) should read

$$M^{(2)} = \frac{d^2 V}{d\rho^2}\bigg|_{\rho=0} \to -\infty.$$ (17)

Equation (56) must be read as

$$Z_m^{(\mu)} = \frac{12\pi\alpha\omega e^{-\omega\delta}}{\widetilde{A}(\omega-1)}\Lambda^{-(\omega+1)}\mu^{\omega-1}.$$ (56)

The subscript ''cr'' was omitted on Λ in Eq. (95). The correct Eq. (95) and the sentence after it should read

$$m_{\text{dyn}}^2 \sim \Lambda_{\text{cr}}^2 \exp\left(-\frac{C}{[\alpha^*(N_f)/\alpha_c - 1]^{1/2}}\right),$$ (95)

where C is some constant $[C=2\pi$ in Eq. (74)] and Λ_{cr} is a scale at which the running coupling is of order α_c.