

Errata

The Static $Q\bar{Q}$ Force From Instanton Gas and Numerical Lattice Calculations

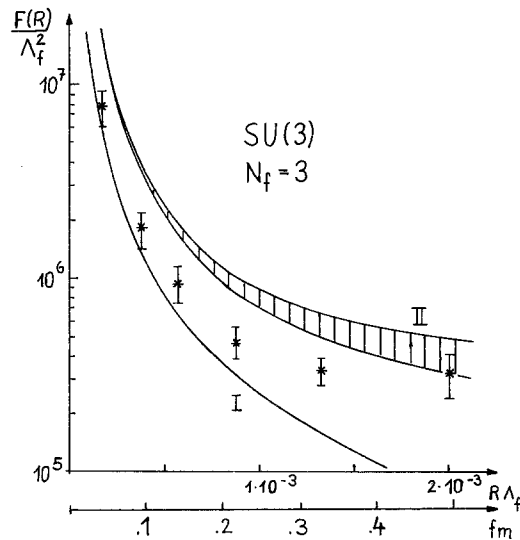
E.-M. Ilgenfritz and M. Mueller-Preussker
Z. Phys. C - Particles and Fields **16**, 339 (1983)

In (29) and (30) replace factor 2 by 8.
Then from Fig. 1 follows

$$A_{N_f=3}^L = (0.0020 \pm 0.0003) \sqrt{\sigma} \tag{32}$$

after having shifted the corresponding scale (dashed-dotted lines).

Figure 6 is influenced only by a slight change in the scale, thus leaving the conclusions intact.



Anomaly Extraction from the Path Integral

G.A. Christos
Z. Phys. C - Particles and Fields **18**, 155 (1983)

Equation (10) should read

$$\begin{aligned} \int [d\bar{\psi} d\psi] &\rightarrow \int [d\bar{\psi} d\psi] (\det C)^{-2} \\ &\cong \int [d\bar{\psi} d\psi] [\exp \text{tr} \log (\delta_{mn} + i \int_x \bar{\phi}_m(x) \alpha(x) \gamma_5 \phi_n(x))]^{-2} \\ &\cong \int [d\bar{\psi} d\psi] \exp \{ -2i \sum_m \int_x \bar{\phi}_m(x) \gamma_5 \phi_m(x) \alpha(x) \}. \end{aligned}$$

Furthermore the sign of the exponent in (23) should be changed and the factor of π^2 in (21) removed. The reference to S. Coleman in [6] should read: S. Coleman in: The Ways of Subnuclear Physics. Proceedings of the International School of Subnuclear Physics, Erice 1977, Ed. A. Zichichi, p. 805. New York: Plenum Press 1979.

The last drawing in Sect. IV was misproduced; the fermion arrows should be pointing in the same direction and the 3 gluon vertex should be a 4 gluon vertex.