must be gauge independent in lowest order, could have any sign at g=0. We have calculated  $Z_1$  and  $Z_3$  for the above Lagrangian, and we find that 12

$$\beta_V = -(g^3/16\pi^2)^{11}_{3}C_2(G) + O(g^5),$$
 (8)

where  $C_2(G)$  is the quadratic Casimir operator of the adjoint representation of the group  $G: \sum_{h \in C_{abc}} c_{abc}$  $\times c_{abc} = C_2(G) \delta_{ad}$  [e.g.,  $C_2(SU(N)) = N$ ]. The solution of (3) is then  $\overline{g}^2(t) = g^2/(1 - 2\beta_{\nu}g^{-1}t)$ , and  $\overline{g}$ -0 as  $t \rightarrow \infty$  as long as the physical coupling constant g is in the domain of attraction of the origin.13