CORRECTION TO THE PAPER OF D. V. GAL'TSOV, M. YU. MOROZOV, AND A. V. TIKHONENKO, THEOR. MAT. PHYS., 77, 1137 (1988).

The ansatz immediately before Eq. (3.6) should be replaced by

$$a_2=\rho^{-3}\exp(-i\omega t)\,{}_{1/2}Y_{lm}R_{1/2},$$

and Eq. (3.6) by

$$[\Delta\mathscr{D}^{\dagger}_{-1/2}\mathscr{D}_0-4i\omega r-2(r^2/r_c^2)-\lambda_{3/2}]R_{-3/2}=0,\quad [\Delta\mathscr{D}_{-1/2}\mathscr{D}_0^{\dagger}+4i\omega r-2(r^2/r_c^2)-\lambda_{3/2}]\Delta^{3/2}R_{3/2}=0, \tag{3.6}$$

where $\lambda_{1/2}=(l+{}^3/_2)(l-{}^1/_2)$. Equation (6.5) should be replaced by

$$\langle\varphi^2\rangle^{\mathrm{ren}}_{HS}=\frac{1}{12}T^2-\frac{1}{12}T_a{}^2+\frac{1}{192\pi^2}R, \tag{6.5}$$

and the following unnumbered equation by

$$\langle\varphi^2\rangle^{\mathrm{ren}}_{BS}=-\frac{1}{12}T_a{}^2+\frac{1}{192\pi^2}R.$$

Translated from Teoreticheskaya i Matematicheskaya Fizika, Vol. 80, No. 1, p. 160, July, 1989.