
Errata

Erratum: Maximal extension of a nonsingular solution in a generalized theory of gravitation
[Phys. Rev. D 17, 396 (1978)]

G. Kunstatter and J. W. Moffat

Equation (4.1) should read

$$ds^2 = f^2(r', t')(dt'^2 - dr'^2) - r^2(r', t')d\Omega^2. \quad (4.1)$$

$$\frac{\partial r^*}{\partial r} = \pm \left[\left(1 - \frac{2m}{r} + \frac{4\pi Q^2}{r^2} \right) \left(1 - \frac{a^4}{r^4} \right)^{1/2} \right]^{-1}$$

Equation (4.11) should read

$$= \pm \frac{r^4}{(r - r_+)(r - r_-)(r^4 - a^4)^{1/2}}, \quad (4.11)$$

Erratum: Relativistic model of a spherical star emitting neutrinos
[Phys. Rev. D 17, 1924 (1978)]

I. Damião Soares

1. Equation (4.21) should read

$$4\dot{m} = \frac{\eta^2 \chi}{R_1^2(R_s)} \left(1 - \frac{2m(u)}{r_s(u)} \right).$$

2. On page 1932, the equation following Eq. (A6) should read

$$\alpha \varphi' + \left(\frac{\alpha'}{2} + \frac{\alpha \beta'}{\beta} \right) \varphi = 0.$$

3. On page 1926 the equation following Eq. (2.19) should read

$$\rho(r) = -\frac{6}{\kappa} \frac{R_2''}{R_2} R_1^2.$$

Erratum: Computation of the quantum effects due to a four-dimensional pseudoparticle
[Phys. Rev. D 14, 3432 (1976)]

G. 't Hooft

1. In the transition towards collective coordinates, page 3442, we inserted a factor $1/\sqrt{\pi}$ [Eq. (9.4)] for each collective coordinate because these have to be normalized with a Gaussian integral. However, the relevant Gaussian integrals here are all of the type

$$\int \exp(-\frac{1}{2} x^2) dx = \sqrt{2\pi};$$

thus the expressions must be multiplied by a factor $1/\sqrt{2}$ for each collective coordinate. We have eight of these. Equation (9.6) must be divided by 4 (both left and right), Eqs. (10.3) and (10.5) by $\sqrt{2}$, Eqs. (11.7), (11.10), (11.17), (11.18), and (11.28) by $2\sqrt{2}$, and in the final expressions (12.1), (12.5), (13.8), and (15.1) we must replace

$$2^{14} \text{ by } 2^{10}.$$