A Stable Charged Sphere in General Relativity.

N. K. SHARMA

Department of Physics, University of Rajasthan - Jaipur

(*Nuovo Cimento*, **48 A**, 975 (1967))

Please read for eq. (14) p. 978,

$$\mathcal{Y}^{ab} \Gamma_{ab\rho}^* + \mathcal{Y}_{1b}^{ab} g_{a\rho}^* - \frac{1}{2} \mathcal{J}^*(F_{\mu\rho}^* F^{*\mu 1} - \frac{1}{4} F_{\mu\nu}^* F^{*\mu\nu} g_{\rho}^{*1}) = 0.$$

Please read for eq. (15) p. 979

$$\mathcal{Y}^{ab} \Gamma_{abc} + \mathcal{Y}_{1b}^{ab} g_{ac} - \frac{1}{2} \mathcal{J}(F_{\mu c} F^{\mu 1} - \frac{1}{4} F_{\mu\nu} F^{\mu\nu} g_c^1) = 0.$$

Please read for eq. (16) p. 979

$$\mathcal{Y}^{ab} \Gamma_{ab}^{*1} - \frac{1}{4} F_{a1}^* F^{*a1} \mathcal{J}^* g^{*11} = 0,$$

Which is obtained as a consequence of multiplying eq. (14) by $g^{*1\rho}$ and with the use of boundary conditions

$$F_{ab}^* = 0.$$

The results and calculations arrived at in the two later notes (*Nuovo Cimento*, **52 A**, 970 (1967); **59 B**, 121 (1969)) remain unaltered except for minor numerical corrections.