

Errata: Non-Radial Oscillations of Stars in General Relativity: A Scattering Problem

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ERRATA

Phil. Trans. R. Soc. Lond. A 340, 391-422 (1992)

Rapidly rotating relativistic stars

By J. L. FRIEDMAN AND J. R. IPSER

Page 398, the equation in the paragraph following equation (1.54) should read $T^{ab} = \epsilon u^a u^b + pq^{ab}$.

Equation (1.64) should read $e^{-\beta+2\mu}(G^{(3)}{}^{(3)}-G^{(2)}{}^{(2)}) = e^{-\beta}(G_{zz}-G_{ww}):$

 $\beta_{,\,\varpi\varpi} - \beta_{\mu,\,zz} - 2(\beta_{,\,\varpi}\,\mu_{,\,\varpi} - \beta_{,\,z}\,\mu_{,\,z} + \nu_{,\,\varpi}\,\psi_{,\,\varpi} - \nu_{,\,z}\,\psi_{,\,z}) - \frac{1}{2}\mathrm{e}^{\beta-4\nu}[\omega_{,\,\varpi}^2 - \omega_{,\,z}^2] = 0. \ (1.64)$

Page 399, line 2, for §2d read §2c. Page 400, line 25, for $O(\Omega)$ read $O(\Omega^2)$. Page 408, equation (2.20), for ∇_b read ∇_d . Page 409, line before equation (2.39), for (3.19) and (3.20) read (2.19) and (2.20). Page 410, equation (2.41), for n read n_a ; equation (2.42), for n read n_e . Page 417, in the Lemma, for $(\dot{\Omega}\dot{J} + \dot{\mu}N) > 0$ read $(\dot{\Omega}\dot{J} + \dot{\mu}N) > 0$.

Phil. Trans. R. Soc. Lond. A 340, 423-445 (1992)

Non-radial oscillations of stars in general relativity: a scattering problem

By V. FERRARI

Page 434, equation (68) should read

 $Z_{c} = Z + \mathrm{i}\sigma_{\mathrm{i}} \partial Z / \partial \sigma = \alpha(\sigma) Z_{1} - \beta(\sigma) Z_{2} + \mathrm{i}\sigma_{\mathrm{i}} [\alpha'(\sigma) Z_{1} - \beta'(\sigma) Z_{2} + \alpha(\sigma) Z_{1}' - \beta(\sigma) Z_{2}'],$ (68)

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