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ERRATUM

In "On Equilibrium Figures for Ideal Fluids in the form of Confocal Ellipsoids Rotating with Common Angular Velocity" by F.J. Martínez, J. Cisneros, and D. Montalvo published in *Revista Mexicana Astron. Astrof.*, Vol. 20, (1990), pp. 15-22 there were mistakes. The text should be ammended as follows:

p. 16, col. 2, line 2

.."where the x_i subscripts stand for partial derivatives" .

p. 16, eq. (7)

$$B_a = \pi G\left[\rho_a a_{a_1} a_{a_2} a_{a_3} \int_0^\infty \frac{du}{\Delta_a}\left(1 - \sum \frac{x_i^2}{a_{a_i}^2 + u}\right) + (\rho_n - \rho_a) a_{n_1} a_{n_2} a_{n_3} \int_0^\infty \frac{du}{\Delta_n}\left(1 - \sum \frac{x_i^2}{a_{n_i}^2 + u}\right)\right], \quad (7)$$

p. 17, eq. (8)

$$\frac{e_{n_1}}{e_{a_1}} = \frac{a_{a_1}}{a_{n_1}} > 1, \qquad \text{and} \qquad \frac{e_{n_2}}{e_{a_2}} = \frac{a_{a_2}}{a_{n_2}} > 1, \quad (8)$$

p. 17, eq. (9)

$$\frac{e_{a_1}}{e_{n_1}} = \frac{e_{a_2}}{e_{n_2}}, \quad (9)$$

p. 17, eq. (13)

$$\begin{aligned}\Omega^2 = {} & \left[\frac{e_{n_2}(1-e_{n_1}^2)^{1/2}(1-e_{n_2}^2)^{1/2}(1-e_{a_2}^2)}{(e_{n_2}^2 - e_{n_1}^2)(e_{n_2}^2 - e_{n_1}^2 e_{a_2}^2)} + \frac{e_{n_2}(1-e_{n_1}^2)^{1/2}(1-e_{n_2}^2)^{1/2}}{e_{n_1}^2(e_{n_2}^2 - e_{n_1}^2)}\right]\varepsilon E_n - \frac{(1-e_{n_1}^2)^{1/2}(1-e_{n_2}^2)^{1/2}}{e_{n_2} e_{n_1}^2}\varepsilon F_n \\ & + \left[\frac{e_{n_2}^3(1-e_{a_2}^2)^{3/2}}{e_{a_2}^3(e_{n_2}^2 - e_{n_1}^2 e_{a_2}^2)^{1/2}(e_{n_2}^2 - e_{n_1}^2)} + \frac{e_{n_2}^3(1-e_{a_2}^2)^{1/2}(e_{n_2}^2 - e_{n_1}^2 e_{a_2}^2)^{1/2}}{e_{n_1}^2 e_{a_2}^3(e_{n_2}^2 - e_{n_1}^2)}\right] E_a \\ & - \frac{e_{n_2}(1-e_{a_2}^2)^{1/2}(e_{n_2}^2 - e_{n_1}^2 e_{a_2}^2)^{1/2}}{e_{n_1}^2 e_{a_2}^3} F_a - \frac{2e_{a_2}(1-e_{n_1}^2)^{1/2}(1-e_{n_2}^2)^{1/2}(1-e_{a_2}^2)^{1/2}}{(e_{n_2}^2 - e_{n_1}^2 e_{a_2}^2)^{1/2}(e_{n_2}^2 - e_{n_1}^2)}\varepsilon \\ & - \frac{2e_{n_2}^2(1-e_{a_2}^2)}{e_{a_2}^2(e_{n_2}^2 - e_{n_1}^2)}, \end{aligned} \quad (13)$$

p. 18, col. 1, line 2

$$\Omega^2 \equiv \frac{\omega^2}{4\pi G \rho_a}, \qquad \text{and} \qquad \epsilon = \frac{\rho_n - \rho_a}{\rho_a},$$

p. 18, col. 1, line 5

$$E_a = \int_0^\zeta \left(e_{a_2}^2 - \frac{e_{n_1}^2 e_{a_2}^2}{e_{n_2}^2} \sin^2 w\right)^{1/2} e_{a_2}^{-1} dw,$$

p. 18, col. 1, eq. (14)

$$\Omega^2 = \left[\frac{(1-e_{n_1}^2)^{1/2}(1-e_{n_2}^2)^{3/2}}{e_{n_2}(e_{n_2}^2-e_{n_1}^2)} - \frac{(1-e_{n_1}^2)^{1/2}(1-e_{n_2}^2)^{1/2}}{e_{n_2}e_{n_1}^2}\right]\varepsilon E_n + \frac{(1-e_{n_1}^2)^{1/2}(1-e_{n_2}^2)^{1/2}}{e_{n_2}e_{n_1}^2}\varepsilon F_n$$
$$+ \left[\frac{e_{n_2}(1-e_{n_2}^2)(e_{n_2}^2-e_{n_1}^2e_{a_2}^2)^{1/2}(1-e_{a_2}^2)^{1/2}}{e_{a_2}^3(e_{n_2}^2-e_{n_1}^2)} - \frac{e_{n_2}(1-e_{a_2}^2)^{1/2}(e_{n_2}^2-e_{n_1}^2e_{a_2}^2)^{1/2}}{e_{n_1}^2e_{a_2}^3}\right]E_a$$
$$+ \frac{e_{n_2}(1-e_{a_2}^2)^{1/2}(e_{n_2}^2-e_{n_1}^2e_{a_2}^2)^{1/2}}{e_{n_1}^2e_{a_2}^3}F_a$$
$$- \frac{(1-e_{n_1}^2)(1-e_{n_2}^2)}{(e_{n_2}^2-e_{n_1}^2)}\varepsilon - \frac{(1-e_{n_2}^2)(e_{n_2}^2-e_{n_1}^2e_{a_2}^2)}{e_{a_2}^2(e_{n_2}^2-e_{n_1}^2)}, \qquad (14)$$

p. 18, eq. (15)

$$\Omega^2 = \left[\frac{(1-e_{n_2})^{3/2}}{e_{n_2}(1-e_{n_1}^2)^{1/2}(e_{n_2}^2-e_{n_1}^2)} + \frac{e_{n_2}(1-e_{n_1}^2)^{1/2}(1-e_{n_2}^2)^{1/2}}{e_{n_1}^2(e_{n_2}^2-e_{n_1}^2)}\right]\varepsilon E_n - \frac{(1-e_{n_1}^2)^{1/2}(1-e_{n_2}^2)^{1/2}}{e_{n_2}e_{n_1}^2}\varepsilon F_n$$
$$+ \left[\frac{e_{n_2}(1-e_{n_2}^2)(e_{n_2}^2-e_{n_1}^2e_{a_2}^2)^{1/2}(1-e_{a_2}^2)^{1/2}}{e_{a_2}^3(1-e_{n_1}^2)(e_{n_2}^2-e_{n_1}^2)} + \frac{e_{n_2}^3(1-e_{a_2}^2)^{1/2}(e_{n_2}^2-e_{n_1}^2e_{a_2}^2)^{1/2}}{e_{n_1}^2e_{a_2}^3(e_{n_2}^2-e_{n_1}^2)}\right]E_a$$
$$- \frac{e_{n_2}(1-e_{a_2}^2)^{1/2}(e_{n_2}^2-e_{n_1}^2e_{a_2}^2)^{1/2}}{e_{n_1}^2e_{a_2}^3}F_a - \frac{2(1-e_{n_2}^2)}{(e_{n_2}^2-e_{n_1}^2)}\varepsilon - \frac{e_{n_2}^2(1-e_{a_2}^2)}{e_{a_2}^2(e_{n_2}^2-e_{n_1}^2)} - \frac{(1-e_{n_2}^2)(e_{n_2}^2-e_{n_1}^2e_{a_2}^2)}{e_{a_2}^2(e_{n_2}^2-e_{n_1}^2)(1-e_{n_1}^2)}, \qquad (15)$$

p. 21, col. 2, at the bottom

$$\frac{T}{GM^2r^{-1}} = \left(\frac{3}{10}\Omega^2\right)\times\left[1+\varepsilon\left(\frac{e_{a_1}}{e_{n_1}}\right)^5\frac{(2-e_{n_1}^2)(1-e_{n_1}^2)^{1/2}(1-e_{n_2}^2)^{1/2}}{(2-e_{a_1}^2)(1-e_{a_1}^2)^{1/2}(1-e_{a_2}^2)^{1/2}}\right]\times$$
$$\times\left[1+\varepsilon\left(\frac{e_{a_1}}{e_{n_1}}\right)^3\frac{(1-e_{n_1}^2)^{1/2}(1-e_{n_2}^2)^{1/2}}{(1-e_{a_1}^2)^{1/2}(1-e_{a_2}^2)^{1/2}}\right]^{-2}\left[\frac{(2-e_{a_1}^2)}{(1-e_{n_1}^2)^{1/6}(1-e_{n_2}^2)^{1/6}}\right],$$

p. 22, col. 1, first equation

$$\frac{H^2}{GM^3r} = \left(\frac{3}{25}\Omega^2\right)\frac{(2-e_{a_2}^2)^2}{(1-e_{a_1}^2)^{2/3}(1-e_{a_2}^2)^{2/3}}\left[1+\varepsilon\left(\frac{e_{a_1}}{e_{n_1}}\right)^5\frac{(2-e_{n_1}^2)(1-e_{n_1}^2)^{1/2}(1-e_{n_2}^2)^{1/2}}{(2-e_{a_1}^2)(1-e_{a_1}^2)^{1/2}(1-e_{a_2}^2)^{1/2}}\right]^2\times$$
$$\times\left[1+\varepsilon\left(\frac{e_{a_1}}{e_{n_1}}\right)^3\frac{(1-e_{n_1}^2)^{1/2}(1-e_{n_2}^2)^{1/2}}{(1-e_{a_1}^2)^{1/2}(1-e_{a_2}^2)^{1/2}}\right]^{-3},$$