

Erratum

Radiation-induced torques on spheroids

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Our paper discussing the YORP torques on ellipsoids of revolution (Breiter et al. 2007) contains three incorrectly typeset equations: (79) and (106) have wrong signs, whereas (105) has a wrong factor 2 instead of $\frac{1}{2}$. The correct form of the equations is

$$v_2 = -\frac{1}{12} (9 - 5x_{\odot}^2), \quad (79)$$

$$\langle T_{\perp} \rangle = -\frac{1}{2} \alpha' \sin \varepsilon \cos \varepsilon \sin \delta \sum_{j \geq 1} e^{2j} c_j, \quad (105)$$

$$c_2 = -\frac{1}{64} (28 + 15 \sin^2 \varepsilon). \quad (106)$$

In a recent paper (Breiter & Michalska 2008) we also show how to convert the results obtained by means of the simplistic “de-layed Sun” approach to a more realistic thermal lag model.

References

- Breiter, S., Michalska, H., Vokrouhlický, D., & Borczyk, W. 2007, A&A, 471, 345
Breiter, S., & Michalska, H. 2008, MNRAS, submitted