

Erratum to: Modelling LARES temperature distribution and thermal drag

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- 1) In footnote 1, page 2, the notations of parameters in eq. (2) are wrong, *i.e.*
 - I is the moment of inertia of the gyroscope,
should read
 I is the moment of inertia of Earth,
 - S is its angular momentum.
should read
 S is Earth's angular velocity.
- 2) In eq. (49), sect. 7.3, the second symbol $\alpha_{\text{gl,vis}}$ (the absorptivity of glass in the visible) should read $\alpha_{W,\text{vis}}$ (the absorptivity of the metal in the visible). The equation is then corrected as

$$P_{W,\text{vis}} = \alpha_{W,\text{vis}} \pi R_{\text{sat}}^2 \Phi - \alpha_{W,\text{vis}} \Phi \pi R^2 + \left[\frac{1}{2} (1 - \alpha_{\text{gl,vis}}) - \alpha_{W,\text{vis}} \right] \pi R^2 \Phi \sum_{I \neq 1} n_I \cos \theta_I. \quad (49)$$

This is only a typo in the equation and does not change the conclusion of the paper, because in our code we used the correct quantity.

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