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ERRATUM

Erratum to: An analytical solution for the swing-by problem

G. B. Valsecchi[1,2] · **E. M. Alessi**[2] · **A. Rossi**[2]

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The expression for $\cos i$ at the beginning of Section 4 is incorrect; the correct formula is:

$$\cos i = \frac{1 + U \cos\theta}{\sqrt{1 + 2U \cos\theta + U^2 \left(1 - \sin^2\theta \sin^2\phi\right)}}.$$

At the end of the same section, after the formula for Ω, add the following sentence: Note that in this case λ_p is the longitude of the planet at time t_b.

✉ G. B. Valsecchi
giovanni@iaps.inaf.it

E. M. Alessi
em.alessi@ifac.cnr.it

A. Rossi
a.rossi@ifac.cnr.it

[1] IAPS-INAF, via Fosso del Cavaliere 100, 00133 Roma, Italy

[2] IFAC-CNR, via Madonna del Piano 10, 50019 Sesto Fiorentino, Italy