

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

G. B. Valsecchi^{1,2} · E. M. Alessi² · A. Rossi²

Published online: 8 September 2015
© Springer Science+Business Media Dordrecht 2015

Erratum to: Celest Mech Dyn Astr (2015) 123(2) DOI 10.1007/s10569-015-9631-6

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

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

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_p .

The online version of the original article can be found under doi:[10.1007/s10569-015-9631-6](https://doi.org/10.1007/s10569-015-9631-6).

✉ 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