Secular theories and orbital dynamics beyond Neptune - known misprints -

M. Saillenfest

March 21, 2022

- Page 34 after Eq. (2.4), " $\mu = m_1 + m_2$ " should be replaced by " $\mu = \mathcal{G}(m_1 + m_2)$ ".
- Page 36 after Eq. (2.16), "real anomaly" should be replaced by "true anomaly" in order to match the standard English denomination. The same in Page 36 after Eq. (2.18); Page 39 after Eq. (2.29); Page 64 after Eq. (3.23); Page 231 in Sect. C.1.
- Page 40 after Eq. (2.33), " $\Omega = \text{atan2}(-C_y, C_x)$ " should be replaced by " $\Omega = \text{atan2}(C_x, -C_y)$ ".
- Page 43 after Eq. (2.45), " $T(t_0) = \mathcal{H}(\mathbf{Q}_0, \mathbf{q}_0, t_0)$ " should be replaced by " $T(t_0) = -\mathcal{H}(\mathbf{Q}_0, \mathbf{q}_0, t_0)$ ".
- Page 64 in Eq. (3.19), the symbol "v" should be replaced by " ν " in order to match the notation used in Eq. (3.24) and everywhere else in this thesis.
- Page 64 in Eq. (3.22), the "n" at denominator should be replaced by "k" (this error has been corrected in the online version).
- Page 213 in Eq. (B.14), the rightmost hand side in the first line should be multiplied by 2π .

Online version of the manuscript: http://www.theses.fr/2017PSLE0006/abes