ERRATUM

Robutel, P.: 1995, 'Stability of the planetary three-body problem. II. KAM theory and existence of Quasiperiodic Motions', *Celestial Mechanics*, **62**, 193–217.

Due to misprints, some coefficients given in the appendix of this paper are wrong. Their corrected expressions follow. See also 'Partial reduction in the N-body planetary problem using the angular momentum integral' by F. Malige, P. Robutel and J. Laskar in this issue

$$
\begin{aligned}
H^{(0)}_{1,1,0,0}(\alpha,k) &= H^{(0)}_{0,0,1,1}(\alpha,k^{-1}) = \frac{1}{8}(2+k)\alpha b^{(1)}_{3/2}(\alpha)\\
H^{(0)}_{1,0,0,1}(\alpha,k) &= H^{(0)}_{0,1,1,0}(\alpha,k) = -\frac{3}{8}\alpha b^{(0)}_{3/2}(\alpha) + \frac{1}{4}(1+\alpha^2) b^{(1)}_{3/2}(\alpha)
\end{aligned}
$$

$$
\begin{aligned}
H^{(1)}_{1,1,0,0}(\alpha,k) &= H^{(1)}_{0,0,1,1}(\alpha,k^{-1})\\
&= -\frac{3}{64}(5+7k)\alpha^2 b^{(0)}_{5/2}(\alpha) - \frac{3}{32}(1-k)(\alpha+\alpha^3) b^{(1)}_{5/2}(\alpha)
\end{aligned}
$$

$$
\begin{aligned}
H^{(2)}_{1,1,0,0}(\alpha,k) &= H^{(2)}_{0,0,1,1}(\alpha,k^{-1})\\
&= \frac{5}{256}(13-7k)(\alpha^2+\alpha^4) b^{(0)}_{7/2}(\alpha) +\\
&\quad + \left(\frac{5}{512}k(4\alpha+35\alpha^3+4\alpha^5) -\right.\\
&\quad \left. - \frac{5}{128}(\alpha-4\alpha^3+\alpha^5)\right) b^{(1)}_{7/2}(\alpha)
\end{aligned}
$$

$$
\begin{aligned}
H^{(0)}_{1,2,1,0}(\alpha,k) &= \left(\frac{15}{64}(\alpha+3\alpha^3) + \frac{15}{32}k(\alpha+\alpha^3)\right) b^{(0)}_{5/2}(\alpha) -\\
&\quad - \left(\frac{3}{64}(2+3\alpha^2+6\alpha^4) + \frac{3}{32}k(2+3\alpha^2+2\alpha^4)\right) b^{(1)}_{5/2}(\alpha)
\end{aligned}
$$

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