THE TIDAL FORCE FUNCTION AND TIDAL TORQUES
(*Stud. geoph. et geod.* **40**, 111-118)

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During the final typesetting an error occurred in equation (11) on page 115. The correct formula is as follows:

$$^{o}N_1 = -G\frac{MM'}{\Delta_{OO'}}\left(\frac{a_o}{\Delta_{OO'}}\right)^2\left[-\frac{3}{2}J_2^{(0)}\sin 2\,\delta_{O'}\sin T_{O'}-\frac{3}{2}J_2^{(1)}\cos^2\delta_{O'}\sin 2\,T_{O'}+\right.$$

$$+3\,S_2^{(1)}\left(\cos^2\delta_{O'}\sin^2 T_{O'}-\sin^2\delta_{O'}\right)-3\,J_2^{(2)}\sin 2\,\delta_{O'}\sin T_{O'}-$$

$$\left.-3\,S_2^{(2)}\sin 2\,\delta_{O'}\cos T_{O'}\right]\quad,$$

$$^{o}N_2 = -G\frac{MM'}{\Delta_{OO'}}\left(\frac{a_o}{\Delta_{OO'}}\right)^2\left[-\frac{3}{2}J_2^{(0)}\sin 2\,\delta_{O'}\cos T_{O'}+3\,J_2^{(1)}\left(\sin^2\delta_{O'}-\right.\right.$$

$$-\cos^2\delta_{O'}\cos^2 T_{O'}\right)+\frac{3}{2}S_2^{(1)}\cos^2\delta_{O'}\sin 2\,T_{O'}+3\,J_2^{(2)}\sin 2\,\delta_{O'}\cos T_{O'}-$$

$$\left.-3\,S_2^{(2)}\sin 2\,\delta_{O'}\sin T_{O'}\right]\quad,$$

$$^{o}N_3 = -G\frac{MM'}{\Delta_{OO'}}\left(\frac{a_o}{\Delta_{OO'}}\right)^2\left[\frac{3}{2}J_2^{(1)}\sin 2\,\delta_{O'}\sin T_{O'}+\frac{3}{2}S_2^{(1)}\sin 2\,\delta_{O'}\cos T_{O'}+\right.$$

$$\left.+6\,J_2^{(2)}\cos^2\delta_{O'}\sin 2\,T_{O'}+6\,S_2^{(2)}\cos^2\delta_{O'}\cos 2\,T_{O'}\right]\quad.$$

We apologise for this mistake.

Josef Pýcha
Executive Editor