**Erratum: First-order post-Newtonian analysis of the relativistic tidal effects
for satellite gradiometry and the Mashhoon-Theiss anomaly
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Peng Xu and Ho Jung Paik

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We would like to make the following amendments to the paper:

1. In Eqs. (11a), (11b), (11c), and (11d), the indices of the matrix K^N , K^{GE} , K^{GM} , and K^{LT} must all be lower indices. The correct expressions should be $(K^N)_{\mu\nu}$ in Eq. (11a), $(K^{GE})_{\mu\nu}$ in Eq. (11b), $(K^{GM})_{\mu\nu}$ in Eq. (11c), and $(K^{LT})_{\mu\nu}$ in Eq. (11d).
2. In Eq. (11d), the (3, 3) element is 0, which is missed.
3. In Eq. (22b), the (2, 3) and (3, 2) elements must be replaced by

$$-\frac{1}{4}\sin i[\Psi(\cos 2\Psi + 1) + \sin 2\Psi].$$

We are grateful to Neil Ashby for pointing out the typos in Eq. (22b).