Erratum

Probing the post-newtonian physics of semi-conservative metric theories through secular tidal effects in satellite gradiometry missions

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

- (1) In Eqs. (10a), (10b), (10c) and (10d), 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. (10a), $(K^{GE})_{\mu\nu}$ in Eq. (10b), $(K^{GM})_{\mu\nu}$ in Eq. (10c) and $(K^{LT})_{\mu\nu}$ in Eq. (10d).
- (2) In Eq. (10d), the (3, 3) element is 0, which is missed.
- (3) In Eq. (18b), the (2, 3) and (3, 2) elements must be replaced by

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

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