


**Erratum: Persistent gravitational wave observables:
Curve deviation in asymptotically flat spacetimes
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In this paper, two errors appeared in the numerical coefficients in Eqs. (3.39a) and (4.40c). The corrected versions of these equations are as follows:

$$\mathcal{G}_{(1,0)ij}^{\text{rad}} = \frac{1}{4} \text{STF } \mathcal{D}^k \left\{ \left[C_{il} \mathcal{D}_m C^{lm} - \frac{3}{8} \mathcal{D}_i (C_{lm} C^{lm}) \right] C_{jk} + \frac{5}{8} C_{lm} C^{lm} \mathcal{D}_i C_{jk} \right\}, \quad (3.39a)$$

and

$$\mathcal{G}_{(1,1)ij}^{\text{rad}} = \frac{1}{6} \text{STF } \mathcal{D}^k (C_{jk} \mathcal{D}^l \mathcal{D}_{[l} \mathcal{D}^m C_{i]m}). \quad (4.40c)$$

None of the conclusions of this paper are affected by these errors.

We thank the authors of [1] for uncovering these errors.

- [1] Luc Blanchet, Geoffrey Compère, Guillaume Faye, Roberto Oliveri, and Ali Seraj, Multipole expansion of gravitational waves: Memory effects and Bondi aspects, [arXiv:2303.07732](https://arxiv.org/abs/2303.07732).