

**Erratum: New class of post-Newtonian approximants to the waveform templates
of inspiralling compact binaries: Test mass in the Schwarzschild spacetime
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The contribution of tails in the flux of gravitational waves from inspiralling compact binaries was incorrectly computed in Refs. [1,2] leading to some erroneous η dependent terms in the post-Newtonian coefficients in Refs. [3,4] and consequently in Refs. [5,6] at 2.5PN and 3.5PN orders, which were corrected recently in Refs. [7,8] and [9–12], respectively. As a consequence some of the post-Newtonian coefficients used in this paper have changed. The terms $A_5(\eta)$ and $A_7(\eta)$ in Eq. (4.5) should now be read as:

$$A_5(\eta) = -\left(\frac{8191}{672} + \frac{583}{24}\eta\right)\pi, \quad A_7(\eta) = \left(-\frac{16285}{504} + \frac{214745}{1728}\eta + \frac{193385}{3024}\eta^2\right)\pi, \quad (4.5)$$

These changes modify the Tables XI, XII and XIII of the paper. Not only the 2.5PN and 3.5PN entries but *all* entries in these tables are modified since the changed coefficients at 2.5PN and 3.5PN alter our *fiducial waveform* in the comparable mass case. The changes in the results are not large enough so as to affect the main findings of the paper (the maximum change is <1%). The modified tables are listed in the E-print version of the paper [13].

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