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 $\eta$ 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:

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

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].

References: