Erratum to: Eur. Phys. J. C (2016) 76:294
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In the original article unfortunately we missed two typos in the equation for $I(\delta)$ at the top of the fourth page of the article. The equation should read

$$I(\delta) \approx I_0 \frac{r^2}{1 - 2R \cos \delta + R^2} \times \left\{ \eta(t)^2 + \frac{2 \eta(t)(1 - R^2)}{1 - 2R \cos \delta + R^2} \left[ \psi \sin(4\phi(t) + 4\phi_1) + \alpha_1 \sin(2\phi(t) + 2\phi_1) + \alpha_2 \sin(2\phi(t) + 4\phi_1 - 2\phi_2) \right] \right\}.$$

The paper, the results and validity of the discussions are in no way altered by the typos in that they are all based on the correct equation.

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