Erratum: Light propagation in the gravitational field of N arbitrarily moving bodies in the 1.5PN approximation for high-precision astrometry [Phys. Rev. D **93, 103010 (2016)]**

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We would like to make an amendment to the following equation in the paper:
Equation (177) must be replaced by

$$\begin{aligned}
 \frac{\Delta \dot{\mathbf{x}}_{1.5\text{PN}}^{\text{M}}(t_1)}{c} = & + \frac{2G}{c^3} \sum_{A=1}^N \frac{M_A}{r_A(t_1^{\text{ret}})} \boldsymbol{\sigma} \cdot \mathbf{v}_A(t_1^{\text{ret}}) \frac{\mathbf{d}_A(t_1^{\text{ret}})}{r_A(t_1^{\text{ret}}) - \boldsymbol{\sigma} \cdot \mathbf{r}_A(t_1^{\text{ret}})} \\
 & + \frac{4G}{c^3} \sum_{A=1}^N \frac{M_A}{r_A(t_1^{\text{ret}})} \mathbf{v}_A(t_1^{\text{ret}}) + \frac{2G}{c^3} \sum_{A=1}^N \frac{M_A}{r_A(t_1^{\text{ret}})} \frac{\mathbf{d}_A(t_1^{\text{ret}})}{r_A(t_1^{\text{ret}})} \boldsymbol{\sigma} \cdot \mathbf{v}_A(t_1^{\text{ret}}) \\
 & - \frac{2G}{c^3} \boldsymbol{\sigma} \sum_{A=1}^N \frac{M_A}{r_A(t_1^{\text{ret}})} \frac{\mathbf{r}_A(t_1^{\text{ret}}) \cdot \mathbf{v}_A(t_1^{\text{ret}})}{r_A(t_1^{\text{ret}})} \\
 & - \frac{2G}{c^3} \sum_{A=1}^N \frac{M_A}{r_A(t_1^{\text{ret}})} \frac{\mathbf{d}_A(t_1^{\text{ret}})}{r_A(t_1^{\text{ret}}) - \boldsymbol{\sigma} \cdot \mathbf{r}_A(t_1^{\text{ret}})} \frac{\mathbf{v}_A(t_1^{\text{ret}}) \cdot \mathbf{d}_A(t_1^{\text{ret}})}{r_A(t_1^{\text{ret}})}. \tag{1}
 \end{aligned}$$