

## Erratum: Differential Ghost Imaging [Phys. Rev. Lett. 104, 253603 (2010)]

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The original article contains two typographical errors on page 2. (a) The definition of the average transmission function of the object  $\bar{T}$  appearing below Eq. (8) contains an extra  $T(\mathbf{x})$  term in the denominator. The correct definition is

$$\bar{T} = \int_{A_{\text{beam}}} \langle I(\mathbf{x}) \rangle T(\mathbf{x}) d^2 \mathbf{x} / \int_{A_{\text{beam}}} \langle I(\mathbf{x}) \rangle d^2 \mathbf{x}.$$

(b) In the second line of Eq. (12), the term  $\langle S_2 I_2(\mathbf{x}_2) \rangle$  has been erroneously typed as  $\langle S_1 I_2(\mathbf{x}_2) \rangle$ . The correct Eq. (12) reads

$$\begin{aligned} \langle O_-(\mathbf{x}_2) \rangle &= \langle \delta S_- \delta I_2(\mathbf{x}_2) \rangle \\ &= \langle S_1 I_2(\mathbf{x}_2) \rangle - \frac{\langle S_1 \rangle}{\langle S_2 \rangle} \langle S_2 I_2(\mathbf{x}_2) \rangle. \end{aligned} \quad (12)$$

Both typographical errors have no consequences on the rest of the Letter and on the results.

We thank L. Basano for bringing the two errors to our attention.