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Publisher Correction: Experimental identification of non-classicality of noisy twin beams and other related two-mode states

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Correction to: *Scientific Reports* <https://doi.org/10.1038/s41598-018-19634-1>, published online 23 January 2018

The previous version of this Article contained errors in the Introduction under the subheading ‘Twin beam and its transformation on a beam splitter’

$$\lambda = (1, \lambda_1, \lambda_2, \lambda_1\lambda_2)^T$$

now reads:

$$\lambda \equiv (1, \lambda_1, \lambda_2, \lambda_1\lambda_2)^T$$

Additionally, the Publisher Correction published on 30th April 2018 contains errors.

“This Article contains errors in Equation 18.

$$G_N(\lambda_1, \lambda_1) = \frac{1}{|\lambda^T \mathbf{K} \lambda|^{1/2}}$$

$$\text{and } \lambda \equiv (1, \lambda_1, \lambda_2, \lambda_1, \lambda_2,)^T.$$

should read:

$$G_N(\lambda_1, \lambda_1) = \frac{1}{|\lambda^T \mathbf{K} \lambda|^{1/2}}$$

$$\text{and } \lambda \equiv (1, \lambda_1, \lambda_2, \lambda_1\lambda_2)^T.”$$

should read:

“The original version of this Article contained errors in Equation 18.

$$G_N(\lambda_1, \lambda_2) = \frac{1}{|\lambda^T \mathbf{K} \lambda|^{1/2}}$$

$$\text{and } \lambda = (1, \lambda_1, \lambda_2, \lambda_1, \lambda_2,)^T.$$

now reads:

$$G_N(\lambda_1, \lambda_2) = \frac{1}{|\lambda^T \mathbf{K} \lambda|^{1/2}}$$

$$\text{and } \lambda \equiv (1, \lambda_1, \lambda_2, \lambda_1\lambda_2)^T.”$$

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