SCIENTIFIC REPORTS

OPEN

Corrigendum: Entanglement revive and information flow within the decoherent environment

Jia-dong Shi, Dong Wang & Liu Ye

Scientific Reports 6:30710; doi: 10.1038/srep30710; published online 10 August 2016; updated on 09 February 2017

The authors neglected to cite a related paper that investigated quantum correlations and information flows in the presence of classical environments. This additional reference is listed below as reference 1, and should appear in the text as below.

In the **Results** section,

“To attain a better quantitative understanding the information flow, we here will study the derivatives of three quantities $\frac{dV(\rho_{ABE})}{dt}$, $\frac{dI_{\max}(\rho_{ij})}{dt}$ and $\frac{dI_{loc}(\rho_i)}{dt}$.”

should read:

“To attain a better quantitative understanding the information flow, we here will study the derivatives of three quantities $\frac{dV(\rho_{ABE})}{dt}$, $\frac{dI_{\max}(\rho_{ij})}{dt}$ and $\frac{dI_{loc}(\rho_i)}{dt}$.”

References

1. Leggio, B., Lo Franco, R., O. Soares-Pinto, D., Horodecki, P. & Compagno, G. Distributed correlations and information flows within a hybrid multipartite quantum-classical system. *Phys. Rev. A* **92**, 032311 (2015).

This work is licensed under a Creative Commons Attribution 4.0 International License. The images or other third party material in this article are included in the article's Creative Commons license, unless indicated otherwise in the credit line; if the material is not included under the Creative Commons license, users will need to obtain permission from the license holder to reproduce the material. To view a copy of this license, visit <http://creativecommons.org/licenses/by/4.0/>

© The Author(s) 2017