

University of Groningen

Author Correction

Bertaina, S.; Vezin, H.; De Raedt, H.; Chiorescu, I.

Published in:
Scientific Reports

DOI:
[10.1038/s41598-022-08990-8](https://doi.org/10.1038/s41598-022-08990-8)

IMPORTANT NOTE: You are advised to consult the publisher's version (publisher's PDF) if you wish to cite from it. Please check the document version below.

Document Version
Publisher's PDF, also known as Version of record

Publication date:
2022

[Link to publication in University of Groningen/UMCG research database](#)

Citation for published version (APA):

Bertaina, S., Vezin, H., De Raedt, H., & Chiorescu, I. (2022). Author Correction: Experimental protection of quantum coherence by using a phase-tunable image drive (Scientific Reports, (2020), 10, 1, (21643), 10.1038/s41598-020-77047-5). *Scientific Reports*, 12(1), Article 4702. <https://doi.org/10.1038/s41598-022-08990-8>

Copyright

Other than for strictly personal use, it is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), unless the work is under an open content license (like Creative Commons).

The publication may also be distributed here under the terms of Article 25fa of the Dutch Copyright Act, indicated by the "Taverne" license. More information can be found on the University of Groningen website: <https://www.rug.nl/library/open-access/self-archiving-pure/taverne-amendment>.

Take-down policy

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

Downloaded from the University of Groningen/UMCG research database (Pure): <http://www.rug.nl/research/portal>. For technical reasons the number of authors shown on this cover page is limited to 10 maximum.



OPEN

Author Correction: Experimental protection of quantum coherence by using a phase-tunable image drive

S. Bertaina, H. Vezin, H. De Raedt & I. Chiorescu

Correction to: *Scientific Reports* <https://doi.org/10.1038/s41598-020-77047-5>, published online 10 December 2020

The original version of this Article contained an error.

In the Results and discussion section, under the subheading ‘Qubit dynamics’,

“The general condition is $F_R = n\Delta$, $n \in N$ showing a comensurate motion of the qubit and h_i on the Bloch sphere.”

now reads:

“The general condition is $F_R = n\Delta$, $n = 2k$, $k \in N$ showing a comensurate motion of the qubit and h_i on the Bloch sphere.”

Furthermore, in the Supplementary Information file, in the Coherent pulses in rotating frame: Linear Rabi drive and circularly polarized Qubit protection section, under the subheading ‘Shirley–Floquet formalism’, Equations S18–S21 and surrounding text contained errors. The original Supplementary Information file is provided below.

The original Article and accompanying Supplementary Information file have been corrected.

Additional information

Supplementary Information The online version contains supplementary material available at <https://doi.org/10.1038/s41598-022-08990-8>.



Open Access This article is licensed under a Creative Commons Attribution 4.0 International License, which permits use, sharing, adaptation, distribution and reproduction in any medium or format, as long as you give appropriate credit to the original author(s) and the source, provide a link to the Creative Commons licence, and indicate if changes were made. The images or other third party material in this article are included in the article’s Creative Commons licence, unless indicated otherwise in a credit line to the material. If material is not included in the article’s Creative Commons licence and your intended use is not permitted by statutory regulation or exceeds the permitted use, you will need to obtain permission directly from the copyright holder. To view a copy of this licence, visit <http://creativecommons.org/licenses/by/4.0/>.

© The Author(s) 2022