Re: LC17151

Revealing the emergence of the classicality in nitrogen-vacancy

centers

by T. K. Unden, D. Louzon, M. Zwolak, et al.

Dear Thomas Unden,

We have begun consideration of your manuscript. We have two categories of concerns.

Regarding the physics, it is not clear to us whether your results bear on any approach other than Quantum Darwinism. Do your results falsify or at least disfavor any other approach? Please clarify.

Regarding the presentation, please note from the length estimate below that your paper is about two pages (2000 words) over our length limit.

We are in principle willing to allow some overage, perhaps up to a page, but we first ask you to address the concerns and attempt to make the paper more concise. We also tend not to have sections labeled "Methods", in counterdistinction to other journals. Specialized content can be moved into Supplemental Material so long as the Letter stands on its own for the general reader. Please note for future reference that we encourage joint submissions to PRL and PRA (<https://journals.aps.org/prl/abstract/10.1103/PhysRevLett.118.240001>).

We hope that you will use the opportunity to tailor the paper a bit more for our audience.

With your resubmittal, please include a summary of changes made and a brief response to the above.

Yours sincerely,

Robert Garisto

Editor

Physical Review Letters

Email: [prl@aps.org](mailto:prl@aps.org)

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WORD COUNT

The guidelines used to determine the word count can be found at

<http://journals.aps.org/authors/length-guide>

Figure Aspect Ratio Wide? Word Equivalent

1 1.14 No 151

2 2.36 Yes 294

3 1.62 No 112

4 4.56 Yes 171

WORD COUNT SUMMARY

Note: Text word count excludes title, abstract, byline, PACS,

receipt date, acknowledgments, and references.

Text word count 4869

Equations word equiv. 192

Figures word equiv. 728

Tables word equiv. 0

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TOTAL 5789 (Maximum length is 3750)