Qeios

Peer Review

Review of: "Improving Stabilizer Approximation with Quantum Strategy"

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Many of the issues I had with the previous version haven't been dealt with; even a couple of spelling errors haven't been corrected (1 and 5). Please read the previous review thoroughly and address them one by one.

Regarding the author's reply to the previous review:

1. By performing local rotations as in Ref. 9, new stabilizers are obtained implicitly; they are two sides of the same coin. Even though the perspective provided in this work may be valuable, how this is connected to Ref. 9 should still be discussed in the article, from my point of view.
2. About “quantumness”: As this word can be very ambiguous, it could be better if this is made clearer in the article, by, for example, discussing why the (original) stabilizer formalism is “classical.”

Declarations

Potential competing interests: No potential competing interests to declare.

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