

Review of: "Computational substantial violation of the CHSH with close approximation of the respective quantum values"

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Potential competing interests: No potential competing interests to declare.

Dear Editor,

I have reviewed the manuscript for:

Manuscript Number: Qeios ID: V11ZO2

Title: Computational substantial violation of the CHSH with close approximation of the respective quantum values

In this manuscript, the author claims that modified Glauber-Sudarshan can be used to violate the CHSH. There some modifications must be performed which are listed below:

- 1- The abstract must be rewritten carefully to explain the problem statement, methods, and results of the manuscript.
- 2- The introduction section must be rewritten again and more references should be added. In this section, the author has to explain the important of quantum entanglement in quantum computing and quantum communications insight the following references

<https://doi.org/10.1016/j.asoc.2022.109844>, <https://doi.org/10.32604/cmc.2022.028394>, <https://doi.org/10.1109/ACCESS.2021.3119588>, <https://doi.org/10.32604/cmc.2022.020103>

and other references should be added.

- 4- The author needs to explain CHSH in section 1.2. in more detail.
- 5- On page 5, the author has to improve the presentation of The computer algorithm and explain whether this algorithm can be executed via quantum computers or not.
- 6- The authors need to analyze the proposed algorithm.

Overall, the authors have to perform major modifications based on the mentioned points.