

Review of: "Evanescent Electron Wave Spin"

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Potential competing interests: No potential competing interests to declare.

The paper is well organised and well written, here the authors have a very clear objectives to study the Evanescent wave spin, they have done it through solving the Dirac equation in a cylindrical well. Later they have argued that spin-based quantum process or device is deterministic rather than probabilistic considering that probability density is a vector in Hilbert space.

Here are few comments I would like to make

1. A more clarity is required where the authors have argued that spin-based quantum process or device is deterministic rather than probabilistic. An explanation and a section on this would be a good addition to the article.
2. To simplify the system the authors have considered the lowest mode of the spherical harmonics. It would be nice to see the behaviours for the higher modes as well.
3. Regarding the numerical techniques, it would be a valuable addition to the paper if the authors would add an Appendix on this.

I believe with these additions, the readers would be highly benefited by this article.