

**Editor's Comment:**

It can be published after these slight modifications:

- 1- First sentence of the abstract should be modified with two or more sentences.
- 2- More ref such as "DOI: 10.20944/preprints202307.1864.v1" can be added in the intro for black hole quantum physics.
- 3- Ref "<https://arxiv.org/ftp/arxiv/papers/1312/1312.4876.pdf>" can be added as a base for this study.

**Editor's Details:**

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