

# Review of: "Design of Quantum Gates Using Quantum Scattering Theory"

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**Potential competing interests:** No potential competing interests to declare.

I have gone through the whole article titled "[Design of Quantum Gates Using Quantum Scattering Theory](#)" and found that the article is very clear in its approach involving scattering theory, and I found it interesting too. However, I have some suggestions regarding the aesthetics of writing the article. For instance, I found that the abstract should have been very precisely written to give an abstract idea about what the article is all about and what the important findings in the article are. It should not be technical, showing equations and references. Similarly, the introduction should contain technicality, related history, and references. The contents of the Abstract and Introduction parts can be swapped to look like a research article. I also suggest assigning numbers to the equations and shortening the presentation of mathematical calculations; details can be elaborated in appendices. Further, references should be contained in the manuscript at regular intervals, except in the Abstract part. The article should be assigned a conclusion part also.

If the above suggestions are incorporated, then an interesting study would look like a research article.

Thanks

I suggested interchanging the content of the Introduction part and the Abstract part.

Details of mathematical calculations can be shown in the appendix.

