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

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Potential competing interests: No potential competing interests to declare.

I send you the following corrections to the equations and the text in the manuscript:

1. In page 4, line 12: eliminate the ket |\Phi> at the end of equation \Omega_{+}=...|\Phi>

2. In page 4, line 13: change the word "linear submanfold" to "linear submanifold"

3. In page 4, line 30: In the integral "\int g(\alpha)...d\alpha=" write the correct ket |\Psi_{\alpha}^{\pm}>

4. In page 5, line 7: In the integral "lim ..\int g(\alpha)...d\alpha=" write the correct ket |\Psi_{\alpha}^{+}>

5. In page 5, line 30: In the equation \Omega_{+}=I+\int..exp(-itH_{0})))dt, eliminate one ")", i.e., \Omega_{+}=I+\int..exp(-itH_{0}))dt

6. In page 7, line 16: In the end of the equation "=-2pi.i[....d\alpha^{'} " add "] "

7. In page 8, in the end of the paragraph, after the equation "S(\theta)= ,,, " it should be "S(\theta)= ,..., "

8. In page 9, line 11: Is the equation "\mu[n] == ..." correct?

9. In page 9, in the end of the paragraph, write the phrase " the H.P.qsde " correctly.

10. In the References, it should be aligned.