

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

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

The title is very interesting, and I enjoyed reading the manuscript, partly because scattering theory is what I'm interested in and am familiar with. But from a publication perspective, most of the scattering theory is textbook knowledge. The real part about the S matrix as a quantum gate in Sec. 5 is really short. I'm not able to follow it and cannot judge its feasibility either for now.