

Editor comments/review (Stefan Stoll):

There appear to be some residual notational issues.

- Table 1 lists V and V' as density matrices, but the main text appears to use different symbols.
- Eq.11 says σ'_V , but the line prior it's called V' .

I suggest to check the manuscript carefully for such issues.

Thank you, Stefan, for the careful reading and spotting this issue/typo.

As you suggested, we took the opportunity for another careful round of corrections and found a few typos or grammar errors, however, we found all other equations to be correct. The changes we made can be seen highlighted in red in the tracked changes document.