

# Review of: "Tailoring the First Law of Thermodynamics for Convective Flows"

Richard Turner<sup>1</sup>

<sup>1</sup> University of Birmingham

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

A nice theoretical study. However, the author should write in the 3rd person and avoid using "we," which features a lot in the manuscript. Additionally, the author should refrain from using colloquial terminology, such as "on the other hand."

Finally, it is a very text-heavy manuscript; hopefully, some pictorial images as figures would help to explain some of the thermodynamic laws in a more informative way to the reader. In particular, a phase change diagram for water could help.