

Review of: "Thermodynamics of Scientific Ontology"

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Potential competing interests: No potential competing interests to declare.

1. The title of the manuscript is summarized; it is better to expand it with more detail.
2. No research significant papers from the recent years are added in the literature review; please improve it, such as by including the following papers: <https://doi.org/10.1016/j.enganabound.2023.04.002>,
<https://doi.org/10.1016/j.aej.2024.07.012>
3. This paper should be edited grammatically.
4. You should add quantitative results to the abstract.
5. You should double-check the mathematical formulations.
6. Add novelty to the end of the Introduction.
7. An updated and complete literature review should be conducted and should appear as part of the Introduction, while bearing in mind the work's relevance to this Journal and taking into account the scope and readership of the journal. The results and findings should be compared to and discussed in the context of earlier work in the literature.
8. You SHOULD add Nomenclature to the manuscript before the introduction.
9. Summarize the first part of the Conclusion.
10. The titles of figures should be summarized.