Review of: "Non-dimensionalization of the Compressible Navier-Stokes Equation by Pressure Wavelength and Period revealing its Singularity"

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Potential competing interests: No potential competing interests to declare.

Current study is based on The Compressible Navier-Stokes Equation's non-depersonalization by pressure wavelength and period reveals its singularity. Authors should be responsive to the following queries.

➢ The abstract should well encapsulate answers to the following questions: What problem was studied, and why is it important? What methods were used? What are the significant results? The abstract will entice readers to delve into the manuscript's details.

➢ In the introduction section, many articles were cited without any sound report; rather, rephrasing the title. What was done, how it was done, and what was reported in each article should be stated. Thus, expanding the introduction section is required.

➢ What is the novelty and significance of the work, and where does it go beyond previous efforts in the literature? Kindly explain. The motivation and objectives of the study must be clearly stated. All these are missing; the study lacks a specific direction.

➢ To set this study apart from its contemporaries, a rigorous comparison with existing research is essential. Explicitly delineating the novel contributions and innovative elements that distinguish this study from prior works will further emphasize its originality and breakthrough potential.

➢ What is new in this study? Explain it.

➢ A nomenclature table should be added with SI units.

➢ Link the conclusions with the title and the objective of the study. Add possible suggestions for further study for the research.

➢ The geometry of the problem should be explained.

➢ Add the relevant suggested studies in the introduction part:

i. Transportation of Modified Nanofluid Flow with Time-Dependent Viscosity over a Riga Plate: Exponentially Stretching, Ain Shams Engineering Journal, 12 (2021) 3967–3973

ii. Casson Nanoliquid Flow with Cattaneo-Christov Flux Analysis over a Curved Stretching/Shrinking Channel, Case Studies in Thermal Engineering, 27 (2021) 101146

The manuscript must carefully implement all of the suggestions and comments before it can be accepted and published.