

Review of: "Thermodynamics, Infodynamics and Emergence"

Dr. Abhijit Dutta

Potential competing interests: No potential competing interests to declare.

This is an interesting piece of work regarding a state of the art comparison among Thermodynamics, Infodynamics and Energy. The article is well written and informative as well. Here are few suggestions that would be beneficial for the improvement of the work.

- Lack of mathematical explanations. Some fundamental mathematical equations could have been interesting for understanding the phenomena.
- "Information and knowledge refer to the same phenomenon".... How? Information is a quantitative aspect whereas knowledge is a qualitative.... Please explain in the manuscript.
- The development of patterns in the nature and its consecutive infodynamics and thermodynamics behavior must include for the completeness of the work.
- Entropy minimization need to incorporate in this work.
- How 'EXERGY' can be explained from the vantage of infodynamics?
- Finally, the growth of a system need to explain from thermodynamics and infodynamics perspective.