Review of: "Tsallis Entropy applied to microfluidic channels analysis"

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Potential competing interests: No potential competing interests to declare.

Title: Tsallis Entropy applied to microfluidic channels analysis

In this article authors analyzed the fluid flow, exploring the possibility to evaluate the presence of obstacles. Tsallis entropy concept was employed. Inspired by nature, where storing information is an intrinsic ability of natural systems, here they investigate the capability of interacting systems to transport/store the information generated/exchanged in the interaction process in the form of energy or matter, preserving it over time.

1. Range of parametric values should be specified with appropriate reasons.
2. Physical demonstration of the flow should be given.
3. Explicit form of the Lagrangian should be given.
4. Consider, Numerical study of transport phenomena in a nanofluid using fractional relaxation times in Buongiorno model.
5. Consider, Impact of bioconvection on the free stream flow of a pseudoplastic nanofluid past a rotating cone.
6. Consider, Eyring-Powell model flow near a convectively heated porous wedge with chemical reaction effects.