Review of: "Comparison of extended irreversible thermodynamics and nonequilibrium statistical operator method with thermodynamics based on a distribution containing the first-passage time"

Mihaela Constantin[1]

1 University Politehnica of Bucharest

There are still many lumped bibliographic sources, but the article can enrich the field through the presented study.

The work is well-written and clearly communicated. Overall, the information presented represents valuable information regarding the analogy between a version of non-equilibrium thermodynamics distribution-based containing an additional thermodynamic first-passage time parameter, nonequilibrium statistical operator method and extended irreversible thermodynamics with flows as an additional thermodynamic parameter.

The conclusion summarizes the work well. In general, the references are reasonably up to date, appropriate, and consistently formatted.

The paper includes a sufficiently general introduction, is clearly written, concise and understandable, the length appropriate.

I congratulate the authors for the very good study. I assure them that the comments presented are reasonable, unbiased, and made with my best intentions. In conclusion, the manuscript is well presented. It could build up the possibility for further studies on this subject.