

Review of: "Conceptual Differentiation of Heat: The Entropic Promise of a Post-Pyrocene World"

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I think that the study presented is correct and very complete. The dissertation about the concepts of energy and entropy and how their relation was built along the 19th century is the best I have ever read.

I only have a couple of objections to this work. I think that the text is rather long and that its structure is not well presented in the introduction. Some extra clarifications in the introduction could be very useful for a reader who is interested in a concrete part of the work. I think that this could improve the readability of the article and increase the number of people reading it. On the other hand, giving a few paragraphs with a clear time-line exposition of the arguments could also be of great help. Thus, any non-expert reader could see more clearly how scientists work. They, for example, could understand that Carnot exposed (he really did not expose his work with scientific but war purposes) before Thomson presented his ideas and that Thomson himself presented his work slightly before Clausius did. In my opinion, this is important to understand the overall context of the work. For example, I would include a graphical presentation of the timeline of the more important physical events mentioned in the text. I think this is rather simple to do and it will be very helpful for readers.