

Review of: "Continuum Models and Singularities for Heat Distributions From Light"

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Potential competing interests: No potential competing interests to declare.

Figure 1 is very poorly presented and incomprehensible. The legend in the color bar is unreadable. Furthermore, the authors talk about FEM and Lagrangian elements. FEM is an originally Eulerian method, and the Lagrangian application was not explained or presented in the article. This needs to be clarified.

The caption in Figure 4 is not correct. Present the functions used in the text, not in the caption. Furthermore, it is not possible to identify the curves.

In section 5.1: "A differentiation of $p(y)$ or, for brevity, $\ln(p/P)$, gives a maximum at $y=m/s$." Review or clarify " $y=m/s$ ".

I don't understand where the authors got the following sentence: "Exercise. For $m<0$, i.e., when the entire pressure is singular at the boundary $y=0$, a stronger singularity is obtained for the specific power, expression (6). Derive the exact expression."

This does not fit into a scientific article.

The "Future Realizations" section is inadequate: There is no point in presenting the discussion "Experiments show that... the interactions" in this work.