Answers to reviewer 3

Our answers to your comments and the corresponding modifications in the article are in green.

The paper presents a fruitful approach to overcoming the curse of dimensiality in solving tensor equations, namely, TT approximation, and its applicaiton to simulation of solids. The main ideas of the paper are clearly outlined and careful mathematical descriptions are provided.

Nevertheless, I can address some comments.

In the line 3, I would recommend to place the parenthesis "for every output..." in the end of the sentence to improve the style.

➔ We have modified the introduction as rightfully suggested.

In the line 198, the empty square leaves an impression of an error, but not the mathematical symbol, so please introduce another notation.

➔ The square symbol was indeed confusing. We changed it to the letter Z (line 201).

Due to high abstraction in the mathematical notation, it would be difficult for some readers to reproduce the presented results, so the link to the source code or any appendix with actual code implementation of the proposed algorithm would amplify the readers' interest to the paper.

➔ Unfortunately, for copyright reasons, we are not able to share the actual code implementation of the proposed algorithm. We are currently looking for solutions about that matter.

In spite of these comments, the theoretical part is correct and detailed and the experimental section provides demonstrative data. I enjoyed reviewing this paper and can recommend it to be published after a minor revision.