

Review of: "Taylor Series Based Domain Collocation Meshless Method for Problems with Multiple Boundary Conditions including Point Boundary Conditions"

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Potential competing interests: No things

After my review, I found the following:

The main aim of the paper is to present a meshless method that can solve problems with multiple boundary conditions including point boundary conditions. The idea underlying the paper consists of constructing a function that satisfy all the boundary conditions and using this function as the solution to the differential model considered.

The subject of this manuscript is interesting and good but needs minor revision. Therefore, I would advise the author to:

- The manuscript needs a perfect dose of English language editing. The manuscript should explicitly highlight the study's novelty, clearly articulating what distinguishes it from existing research.
- In the abstract, the researcher mentions abbreviations without mentioning their explicit names, except in the introduction. I suggest adding the nomenclature table.
- Add definition and lemma concerning multi-point Taylor polynomials in sub-section (2.1).
- Beyond the gap in the literature, what is the motivation for this work. Please express clearly.
- The applications should be clearly present and understandable. Comparisons with other solution methods can be added to further demonstrate the effectiveness of the method. Discuss the pros and cons lucidly.
- -What are the practical implications of the new (ish) methodology?

Overall, I recommend accepting the research after making these changes to be deemed ready for publication.