

Review of: "New adaptative numerical algorithm for solving partial integro-differential equations"

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Potential competing interests: No potential competing interests to declare.

A report on the paper titled New adaptative numerical algorithm for solving partial integro-differential equations

The authors in this manuscript propose a spectral method based on Bernoulli polynomials. This type of construction is not new to readers of the journal. Therefore, before a decision is made, the authors should answer the following questions and make changes to the manuscript:

Remove all the typos.

Authors should not introduce short form in the abstract.

In the abstract, the author somehow used a numerical approach. I would suggest the author use a numerical algorithm everywhere in the manuscripts.

In Paragraph 1 of the Introduction section, the author cites all references to the application of integral equations in one place. I would suggest the author use a reference in the appropriate place.

Introduce short form correctly.

In the Equation 1, what is the nature of K_1 and K_2 , whether they are non-linear or linear.

In Example 4, the authors said that their numerical results are better than the Legendre-wavelet collocation method. This is not true in general.

The conclusion looks like an abstract. The authors should rewrite the conclusion in terms of novelty.

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