

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

Hemanta Mandal¹

¹ C. V. Raman College of Engineering

Potential competing interests: No potential competing interests to declare.

Dear editor,

I have had the privilege of reviewing the manuscript titled "New adaptative numerical algorithm for solving partial integro-differential equations". I wish to express my appreciation for the scholarly contribution made by the authors, as well as to provide a positive recommendation for the acceptance of this manuscript.

The authors have adeptly introduced a numerical approach utilizing orthonormal Bernoulli polynomials to address parabolic partial integro-differential equations. The methodology employed is robust, meticulously articulated, and the results are presented with a commendable level of precision. The manuscript effectively establishes the convergence of the proposed method, supported by detailed figures and a comprehensive comparison with existing methodologies.

In my assessment, the quality of the research, coupled with the clarity of presentation, aligns with the high standards set by our journal. The significance of the findings and the methodological rigor demonstrated throughout the manuscript contribute meaningfully to the field.

Based on the aforementioned considerations, I wholeheartedly recommend the acceptance of this research paper for publication. I believe it will make a valuable addition to the scholarly discourse in the field.

Thank you for considering my evaluation, and I look forward to the successful publication of this noteworthy contribution.

Sincerely,

Hemanta Mandal