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.

This can be an interesting paper on the approximation of certain integro-differential equations by means of orthonormal Bernoulli polynomials. The manuscript has many minor typos, and at least one major math mistake. Indeed, the estimate given in (36) cannot be deduced from the previous estimates by means of just the Lipschitz character of the functions K_1 and K_2 (maybe, a higher regularity for these functions should be needed). The estimate (36) holds true for $r=0$ and this fits with the computed errors shown in the examples.

Consequently, the authors should explain how the estimate (36) can be obtained for $r>1$ before this work may be considered for publication. Also, many typos should be corrected and review the written English (see the attached file).