Review of: "A Novel Computational Approach for Solving Fully Implicit Singular Systems of Ordinary Differential Equations"

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Potential competing interests: No potential competing interests to declare.

Interesting results on the solution of ordinary differential equations are presented in the manuscript.

Overall, this paper provides a valuable and interesting research experience. It addresses the semi-analytical solution of a fully implicit differential equation with a point singularity, exploring a wide range of singularities within the differential equation systems.

The study's results show potential for publication with only a few minor adjustments. The achieved answers demonstrate a high degree of accuracy, and the methods employed to tackle the problem are a combination of conventional approaches and unique innovations. However, certain aspects require further detailed attention before its final acceptance for publication.

The study's objectives should be made more explicit, particularly in terms of clearly articulating the primary advantages of the results presented in this paper over existing work.

The section with examples should be expanded and complemented with additional explanations to demonstrate the practical effectiveness and efficiency of the proposed method compared to other approaches.

Some key points can be investigated further:

1. It is important to maintain objectivity and use clear, concise language with a logical flow of information and causal connections between statements.
2. Clarify the novelty of this paper with respect to published papers.
3. There are some grammatical and punctuation errors. The language and grammar of the paper could be refined further, as there are misspellings, grammatical issues, and minor editing oversights in the manuscript.
4. The contribution of the current work should be emphasized in the introduction.
5. Whether there are any requirements for smoothness of the unknown solution?
6. Mention the contribution in terms of stability, convergence, etc. Give specific reasons.
7. How about the convergence rate of the series? Additionally, what limitations and benefits can be identified in your research?
8. Numerical results section was not written clearly. Explain more about the details of the result.

9. Can the author compare the solution of a presented example with other methods and advantages of using the new approach?
10. In the conclusion section, the main contribution should be clearly stated with possible applications.
11. References should be written in a uniform format and must be current.