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.

This paper presents an innovative approach to address the computational challenges associated with solving completely implicit singular nonlinear systems of ordinary differential equations. The authors propose an algorithm that effectively solves complex systems by integrating the differential transform technique with Adomian polynomials, eliminating the need for explicit transformation. The proposed technique is both practical and feasible for implementation in widely used mathematical software packages. The work has notable strengths in terms of its well-defined technique, practicality, and effective application to previously intractable problems, so constituting a significant and useful addition to the domain of computational mathematics.

However, the author should consider the following points and revise the manuscript:
1. A more in-depth comparison with existing methods would provide a clearer understanding of the advantages of proposed method. Comparative results would strengthen your paper's contribution.

2. Address the limitations of your method.

3. Consider including graphs or figures to visually represent the convergence and accuracy of your method, especially in comparison to other techniques to enhance the reader's understanding.

4. The calculation errors and typos should be rectified throughout the paper.