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.

1. What is the main issue this study addresses, and why is it essential in the context of ordinary differential equations?
2. What is meant by a "fully implicit singular nonlinear system of ordinary differential equations," and why are these systems so difficult to solve?
3. What existing methods or software packages are typically used to solve fully implicit differential equations, and why are they inadequate for solving the systems discussed in this paper?
4. What fundamental principle underlies the strategy suggested in this paper? How does it approach the issue using the differential transform technique (DTM) and Adomian polynomials?
5. How does the suggested approach differ from other methods now in use for solving fully implicit differential systems, in particular, not requiring transformation into explicit systems?
6. Could you clarify the numerical examples that show the applicability and effectiveness of the suggested strategy and are cited in the abstract? What distinguishes these examples, and how successful is the strategy in resolving them?
7. What standards are utilised to gauge how well the suggested strategy performs, and how do the numbers back up this strategy's efficacy? Are there any restrictions or difficulties noted in the findings?
8. Does the study discuss any expansions or future directions for this research that can help solve difficult differential equations more effectively?