Review of: "New Computational Methods Using Seventh Derivative Type for the Solution of First Order Initial Value Problems"

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The authors construct numerical algorithms to compute approximate solutions to ODEs and study their stability properties. In Definition 3.2, the symbol for the left half plane is wrong, which confuses the convergence region. The topic is of interest, and the results amend the existing literature well. One interesting question is whether those numerical schemes could be applied to nonlocal ODEs (see, e.g., Qual Theor Dyn Syst, 23(2024), 177 and Pramana – J. Phys., 98(2024), 68). The other question is if there are similar schemes for estimating traveling wave solutions to multi-component integrable systems (see, e.g., Appl Math Lett, 153(2024), 109025) and even nonlocal ones. An amended or enriched manuscript would be recommended for publication in the journal.