

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

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Potential competing interests: No potential competing interests to declare.

This paper is interesting. I recommend it to be published in your journal after answering the following questions:

1. Why use 7th order instead of 3rd or 5th order when constructing algorithms?
2. How was it derived from (9) to derive (10) - (20)?
3. What is the relationship between equation (8) and formula (9)?
4. Why discuss Newton's iteration in the fourth section?
5. The true solution of the example you selected is too gentle, but the rate of change of the true solution of the rigid equation is relatively large. Can you add an example to support your rigid research?