

Review Form 1.7

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| Journal Name: | International Astronomy and Astrophysics Research Journal |
| Manuscript Number: | Ms_IAARJ_99872 |
| Title of the Manuscript: | Homotopy Continuation Method of Arbitrary Order of Convergence for Solving Differenced Kepler's Equation |
| Type of the Article | |

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journaliaarj.com/index.php/IAARJ/editorial-policy>)

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PART 1: Review Comments

| | Reviewer's comment | Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here) |
|--|---|---|
| <p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p> | <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> | |
| <p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p> | <p>I appreciate the painstaking effort of the author(s). I just have some little corrections and suggestions to make as follows:</p> <p>1) In your abstract line 7, "numerical" should be recasted as " numerical ". This should also be effected in other places as you deem fit.</p> <p>2) Still on the abstract, " computeational " should be recasted as " computational ". This correction also applies to the first paragraph of page 2 also.</p> <p>3) I notice that some commas are not together with the word. I will suggest you check that too.</p> <p>4) In the Introduction, " realy" should be stated as "really".</p> <p>5) First paragraph page 2 where you try to tell us about an ... arbitrary order .. Please try to be more definitive about it: May be recasting it thus will be helpful: " ... Method of arbitrary integer order l of convergent $l \geq 2$" (You will recall that you later used $l \geq 2$ in page 7). Also note, In your conclusion, line 2, please effect this correction too.</p> <p>6) The word "priori" can simply be "prior" as this takes the reader straight to the intended. This seems to be very common in your paper.</p> <p>7) Finally, on the conclusion, I quote: "... in the sense thar, on going from ...". I think we can recast it as " ... in the sense that in going from ... "</p> | |
| <p>Optional/General comments</p> | <p>This is a good paper that will promote research in this area. I think the minor comments will do the paper alot of good if the authors find some of them helpful.</p> | |

PART 2:

| | Reviewer's comment | Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here) |
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| <p>Are there ethical issues in this manuscript?</p> | <p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p> | |

Reviewer Details:

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|----------------------------------|------------------|
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