

Review Form 3

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| Journal Name: | Journal of Advances in Mathematics and Computer Science |
| Manuscript Number: | Ms_JAMCS_129673 |
| Title of the Manuscript: | A Comprehensive Study on Stability and Data Dependency for a New Jungck-Type Iteration |
| Type of the Article | Technical Note |

PART 1: Comments

| | Reviewer's comment | Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i> |
|---|--|--|
| Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part. | The authors' research is relevant from both a theoretical and practical point of view. It has applications in economics and industry. In applied mathematics, it has applications in such areas as differential and integral equations, variational inequalities, approximation theory, equilibrium problems, fractal generation and many others. In the manuscript, I would like to see more detailed practical application options proposed by the authors and the authors' vision for the further development of research. | |
| Is the title of the article suitable? (If not please suggest an alternative title) | The author chose a good title for the manuscript | |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | The abstract gives an idea of the content of the article. At the same time, I would like to note the excessive brevity of the description. I would like to see an explicit indication of which version the newly developed iterative method is closest to. More extensive coverage of practical application is lacking. | |
| Is the manuscript scientifically, correct? Please write here. | The authors formulated the subject area and proved three theorems. All theoretical calculations are correct. It is important that the theory is supported by practical examples. The examples showed high accuracy of calculations with strong convergence of the algorithm and stability to data changes. The authors provided a comparison with two algorithms of the Young version. | |
| Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. | The authors rely on a sufficient number of authoritative sources. The following article could be added to the articles reviewed: Stability, Data Dependence, and Convergence Results with Computational Engendering of Fractals via Jungck–DK Iterative Scheme by Liliana Guran, Khurram Shabbir, Khushdil Ahmad and Monica-Felicia Bota, <i>Fractal Fract.</i> 2023, 7(6), 418; https://doi.org/10.3390/fractalfract7060418 Although their area of research goes into a slightly different application and may not have a basis for comparison. | |
| Is the language/English quality of the article suitable for scholarly communications? | I do not speak English well. I use a translator and, if necessary, turn to professional translators. Therefore, it is not appropriate to evaluate this point. | |
| Optional/General comments | I believe that the submitted manuscript can be recommended for publication. The article has a high degree of originality. There are not competing interest issues in this manuscript. There are not ethical issues in this manuscript. | |

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PART 2:

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| | <u>Reviewer's comment</u> | <u>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)</u> |
| <u>Are there ethical issues in this manuscript?</u> | <u>(If yes, Kindly please write down the ethical issues here in details)</u> | |

Reviewer Details:

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|--|---------------------------------------|
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| <u>Department, University & Country</u> | Kuban State University, Russia |