

Review Form 1.6

| | |
|--------------------------|---|
| Journal Name: | Asian Research Journal of Mathematics |
| Manuscript Number: | Ms_ARJOM_94400 |
| Title of the Manuscript: | Extended Local Convergence for the Chebyshev Method under the Majorant Condition |
| Type of the Article | Short Research 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.journalarjom.com/index.php/ARJOM/editorial-policy>)

Review Form 1.6

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) |
|-------------------------------------|--|--|
| Compulsory REVISION comments | <p>1. The Introduction is weak, at the end of the introduction, please expound on the new aspect of your work.</p> <p>2. Rephrase the last paragraph of introduction with novelty and objectives clear and concise. One fact that is common in almost all the quality publications within our field is the fact that they present the analysis of results and discussion of results separately. Meanwhile, the best practice is to build the discussion of results on the results that have been analysed. This will guide the authors to present the best and accurate results capable to announce the title and lead to conclusive facts in the next section of the manuscript. But, permit me to ask you a question. Do you know that the analysis of results is quite different from the discussion of results? Comment: Divide the third section into two subsections. Ensure that the revised version of the manuscript contains.</p> <p>Analysis of Results Discussion of Results Discussions should be elaborated for each physical parameter with physical meaning. The literature review must give a critical assessment of the existing state and explicitly indicate the gaps that the current work tries to fill. Gaps can be filled with few works such as International Communications in Heat and Mass Transfer 126 (2021) 105436. Fractional Analysis of MHD Boundary Layer Flow over a Stretching Sheet in Porous Medium: A New Stochastic Method, Journal of Function Spaces, Volume 2021, Article ID 5844741, 19 pages.</p> <p>3. Falkner–Skan Equation with Heat Transfer: A New Stochastic Numerical Approach, Mathematical Problems in Engineering Volume 2021, Article ID 3921481, 17 pages.</p> <p>4. A Levenberg-Marquardt backpropagation method for unsteady squeezing flow of heat and mass transfer behavior between parallel plates, Advances in Mechanical Engineering, Advances in Mechanical Engineering, 2021, Vol. 13(10) 1–15.</p> <p>5. MHD Boundary Layer Flow over a Stretching Sheet: A New Stochastic Method, Mathematical Problems in Engineering, Volume 2021, Article ID 9924593, 26 pages.</p> <p>6. Levenberg–Marquardt Backpropagation for Numerical Treatment of Micropolar Flow in a Porous Channel with Mass Injection, Complexity, Volume 2021, Article ID 5337589, 12 pages.</p> <p>7. Neuro-Computing for Hall Current and MHD Effects on the Flow of Micro-Polar Nano-Fluid Between Two Parallel Rotating Plates, Arabian Journal for Science and Engineering, https://doi.org/10.1007/s13369-022-06925-z.</p> <p>8. Intelligent Computing of Levenberg-Marquardt Technique Backpropagation Neural Networks for Numerical Treatment of Squeezing Nanofluid Flow between Two Circular Plates, Mathematical Problems in Engineering Volume 2022, Article ID 9451091, 11 pages.</p> <p>9. Heat Transfer Impacts on Maxwell Nanofluid Flow over a Vertical Moving Surface with MHD Using Stochastic Numerical Technique via Artificial Neural Networks. Coatings 2021, 11, 1483. https://doi.org/10.3390/coatings11121483.</p> <p>10. Levenberg–Marquardt Backpropagation for Numerical Treatment of Micropolar Flow in a Porous Channel with Mass Injection, Complexity Volume 2021, Article ID 5337589, 12 pages</p> <p>11., Modification of the Optimal Auxiliary Function Method for Solving Fractional Order KdV Equations. Fractal Fract. 2022, 6, 288. https://doi.org/10.3390/fractalfract6060288 Future direction of the work should be inserted at the end of the summary.</p> | |

Review Form 1.6

| | | |
|---|---|--|
| | References are not arranged as per journal standards. Please follow the journal standard reference style. The grammatical and typos mistakes should be corrected. Revise the introduction. The paper is recommended for publication after the above mention MAJOR REVISIONS. | |
| <u>Minor</u> REVISION comments | | |
| <u>Optional/General</u> comments | | |

PART 2:

| | <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> | <i>(If yes, Kindly please write down the ethical issues here in details)</i> | |

Reviewer Details:

| | |
|---|--------------------------------------|
| Name: | Hakeem Ullah |
| Department, University & Country | Abdul Wali Khan University, Pakistan |