

Review Form 1.7

| | |
|--------------------------|--|
| Journal Name: | Journal of Advances in Mathematics and Computer Science |
| Manuscript Number: | Ms_JAMCS_104020 |
| Title of the Manuscript: | Gauss-Mamadu-Njoseh Quadrature Formula for Numerical Integral Interpolation |
| Type of the Article | Original 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.journaljamcs.com/index.php/JAMCS/editorial-policy>)

Review Form 1.7

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>The Gauss-Mamadu-Njoseh quadrature formula is used for numerical solution of definite integral.</p> <p>Yes</p> <p>Yes</p> <p>No. Can be improved</p> <p>No. There are some mistakes.</p> <p>Yes. But most of them refer to "Mamadu, E.J."</p> | |
| <p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p> | No. Editing English language is necessary. | |
| <p>Optional/General comments</p> | <ul style="list-style-type: none"> - What is the difference between r, N and n? Please define all. - The equation number 2.3 is missing. Replace 2.2a by 2.3 - Correct the equations '$x_0 = -\frac{\sqrt{42}}{14}$, $x_0 = 0$ and $x_0 = \frac{\sqrt{42}}{14}$' to x_0, x_1 and x_2 - A sentence is needed before Table 1 - A sentence is needed before Table 2 - In Table 2, the effort corresponding to CGQ is not true. Check and revise please - In the discussion section, the concluding remark 'For instance, in Table 1 and Table.2, it is seen that the <i>GMNQ</i> and <i>CGQ</i> has equal rate of convergence' is not true because from Table 1, the results are not equae. Check and revise please. | |

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) |
|--|---|---|
| Are there ethical issues in this manuscript? | (If yes, Kindly please write down the ethical issues here in details) | |

Reviewer Details:

| | |
|----------------------------------|--------------------------------|
| Name: | Suha Najeeb Shihab |
| Department, University & Country | University of Technology, Iraq |