



**SDI Review Form 1.6**

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|--------------------------|---|
| Journal Name:            | <a href="#">Asian Research Journal of Mathematics</a> |
| Manuscript Number:       | Ms_ARJOM_44348  |
| Title of the Manuscript: | SYMMETRIC q-GAMMA FUNCTION.                           |
| Type of the Article      | Review Paper  |

**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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

**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) |
|-------------------------------------|--|---|
| <b>Compulsory</b> REVISION comments |  |   |
| <b>Minor</b> REVISION comments      | <p>In the manuscript, the author(s) give a new characterization of the symmetric q-Gamma function, introduced by Brahim and Sidomou in 2013. In addition, the author(s) proved some equivalence relations between the old and the new characterizations. In my opinion, the established results are interesting and could be useful to other researchers, especially, those interested in q-calculus and q-special functions. However, the manuscript has some few grammatical issues which have to be addressed by the authors.</p> <p>Also, I have the following concerns:</p> <ol style="list-style-type: none"> <li>1. Page 2, Line 3 (from bottom): Creat space between "Recently" and "K. Brahim"</li> <li>2. Page 3, Line 10 (from top): "relation 9" should be "relation (9)"</li> <li>3. Page 3, Line 7 (from bottom): "theorem 3" should be "Theorem 3"</li> <li>4. Page 6: Author names in reference item [3] should be written as "K. Brahim and Y. Sidomou"</li> <li>5. Page 7: Author names in reference item [4] should be written as "D. Laugwitz and B. Rodewald"</li> <li>6. Page 7: Author names in reference item [5] should be written as "H. Elmonser, K. Brahim and A. Fitouhi"</li> <li>7. Page 7: Author names in reference item [11] should be written as "Y-Y. Shen"</li> <li>8. The authors may consider citing the following related paper.</li> </ol> <p>"K. Nantomah, Generalized Hölder's and Minkowski's Inequalities for Jackson's q-Integral and Some Applications to the Incomplete q-Gamma Function, Abstract and Applied Analysis, 2017 (2017), Art ID: 9796873, 6 pages."</p> |   |
| <b>Optional/General</b> comments    | I recommend the manuscript for publication after the above minor concerns are addressed.   |   |



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

As per the guideline of editorial office we have followed VANCOUVER reference style for our paper.

Kindly see the following link:

<http://sciencedomain.org/archives/20>

**Reviewer Details:**

|                                  |   |
|----------------------------------|---|
| Name:                            | <b><i>Kwara Nantomah</i></b>                            |
| Department, University & Country | <b><i>University for Development Studies, Ghana</i></b> |