



**SDI Review Form 1.6**

Journal Name:	<a href="#">Asian Research Journal of Mathematics</a>
Manuscript Number:	Ms_ARJOM_50749
Title of the Manuscript:	Tetranacci and Tetranacci-Lucas Quaternions
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:

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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)
<b>Compulsory</b> REVISION comments		
<b>Minor</b> REVISION comments	<ul style="list-style-type: none"> <li>-Conclusion section must be added.</li> <li>-Abstract is too short. It should be further expanded by making use of previous studies.</li> <li>- Proofs of (2.9), (3.5), (2.13), Theorem 9 and Theorem 10 must do clearly. Because related theorems are main theorems.</li> <li>- Binet's formula of the Tetranacci-Lucas quaternion (in Theorem 12) must prove.</li> </ul>	<ul style="list-style-type: none"> <li>-Conclusion section added.</li> <li>- Abstract expanded.</li> <li>- Proof of (2.9): added.</li> <li>- Proof of (3.5): added.</li> <li>- Proof of (2.13): added.</li> <li>- Proof of Theorem 9: added.</li> <li>- Proof of Theorem 10: added.</li> <li>- Proof of Binet's formula of the Tetranacci-Lucas quaternion (in Theorem 2): it is already in the proof (page 8 (initial submitted version)). Now, the proof of formula of the Tetranacci-Lucas quaternion takes place after the proof of formula of the Tetranacci quaternion.</li> </ul> <p>Authors'comment: The addition of proofs, in details, increased the number of pages.</p>
<b>Optional/General</b> comments	The manuscript is generally good written. The manuscript can be published.	

**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)
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	