

Review Form 1.7

Journal Name:	Journal of Advances in Mathematics and Computer Science
Manuscript Number:	Ms_JAMCS_114382
Title of the Manuscript:	On Dual Hyperbolic Generalized Guglielmo Numbers
Type of the Article	Original Research Article

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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)
<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>Yes.</p> <p>Yes.</p> <p>Yes.</p> <p>Yes.</p> <p>Needs revision.</p> <p>References are sufficient.</p> <p>The article contains many typo errors and needs to be aligned properly. Moreover, proof techniques need to be revised.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>Yes.</p>	
<p>Optional/General comments</p>	<p>One main question about the mathematics used in the paper, particularly mathematical induction used to prove Theorem 4 and others for all integers, but note that mathematical induction is a technique used to prove things about, the set of all non-negative integers. So, I would suggest to revise the proofs or give some reasoning that how mathematical induction can be applied there.</p> <p>In this paper, the generalized dual hyperbolic Guglielmo numbers have been introduced by the author(s). Moreover, various special cases including dual hyperbolic triangular numbers, dual hyperbolic triangularLucas numbers, dual hyperbolic oblong numbers, and dual hyperbolic pentagonal numbers have been explored.</p> <p>The article contains many typographical errors and some of them are mentioned below:</p> <ul style="list-style-type: none"> • On page 2, line 19, "i" should be replaced by "i". • On page 2, last 3rd line there must be one space before 'In addition ... and i, j, k satisfy ... • On page 3, line 1, it should be 'see [16], [21].' • On page 3, line 23, it should be 'The next properties holds for the base elements ...' • On page 4, eq (1.1) it should be $n = 3$. • On page 6, line 7 correct the spelling of 'literature'. • On page 7, line 5 correct the spelling of 'definition'. • On page 10, Theorem 1 change 'given as (2.4)-(2.6)' to 'given in (2.4)-(2.6)'. • On page 10, in the proof of Theorem 1 last 6th line, where A_1, A_2, A_3 given in (1.7). • On page 11, line 1 correct the spelling of 'triangular'. • On page 11, line 14 where $g(x)$ is defined? • On page 11, last second line gap between 'Note that ,' before comma should be removed. • On page 12, line 11 place comma correctly as 'Next, '. 	

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	<p>• Similar other changes should be made before final submission. One main question about the mathematics used in the paper, particularly mathematical induction used to prove Theorem 4 for all integers, but note that mathematical induction is a technique used to prove things about, the set of all non-negative integers. So I would suggest to think again about the proof or give some reasoning that how mathematical induction can be applied there. I recommend that the paper can be accepted only after correcting these typo errors and after revising the proof techniques.</p>	
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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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

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