

Review Form 1.7

Journal Name:	Asian Research Journal of Mathematics
Manuscript Number:	Ms_ARJOM_99811
Title of the Manuscript:	Generalized Bigollo Numbers
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)
<p><u>Compulsory</u> REVISION comments</p> <ol style="list-style-type: none"> 1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<ol style="list-style-type: none"> 1. Important for those working on number theory and particularly number and polynomial sequences. 2. Yes, it is. 3. Yes, it is. 4. Yes, it is. 5. Yes, it is. 6. Yes, they are, and I suggest adding this reference: Uslu, V. Deniz, Some identities of k-Mersenne numbers, Adv. Appl. Discrete Math., 1(8), 413-423, (2017). 	
<p><u>Minor</u> REVISION comments</p> <ol style="list-style-type: none"> 1. Is language/English quality of the article suitable for scholarly communications? 	<ol style="list-style-type: none"> 1. Yes, it is. 	
<p><u>Optional/General</u> comments</p>	<p>In this paper, the authors investigate and defined the Generalized Bigollo and Bigollo –Lucas Numbers where the author present some identities for these sequences namely Binet.s formula, Simson formula and the their generating functions and partial summations. The author also gave the closed relation between Bigollo and Bigollo-Lucas numbers and Mersenne, Mersenne-Lucas numbers.</p> <p>The paper is well-written and I support it for publication. All the proofs are correct.</p> <p>However, the authors should consider the following comments and then revise the article.</p> <p>Important remark:</p> <p>The title of the manuscript must be On Generalized Bigollo Numbers.</p>	

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	<p>In page 1,</p> <ul style="list-style-type: none"> - The second line after Introduction the autor said that Mersenne-Lucas sequence is also called Fermat sequence, that is fals: the Fermat number is defined by: $T_n = 2^{2^n} + 1$, not by, $T_n = 2^n + 1$, (see [5], for k=1) and noted by $m_n = 2^n + 1$. So, I suggest delete the expression" (is also called as Fermat sequence). - I suggest changing the notation of Mersenne-Lucas numbers to m_n instead of H_n. <p>Page 6: ... Simson Identity (formula) for Mersenne sequence $f\Phi_v g$, must be ... Simson Identity (formula) for Fibonacci sequence $f\Phi_v g$</p> <p>Page 9: ... $C_n = H_n$ must be, ... $C_n = H_n + 1$.</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?	(If yes, Kindly please write down the ethical issues here in details)	

Reviewer Details:

Name:	Mourad Chelgham
Department, University & Country	Mohamed Seddik Ben Yahia University, Algeria