



**SDI Review Form 1.6**

Journal Name:	<a href="#">Asian Research Journal of Mathematics</a>
Manuscript Number:	Ms_ARJOM_50267
Title of the Manuscript:	On A Generalized Pentanacci Sequence
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:

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



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**PART 1: Review Comments**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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>The paper is very well written. Topic of the paper is current and interesting. I think that it will be nice if authors check misspellings. Also, I think that it should be mentioned from the works which are related to the topic of paper.</p> <p>In the following articles, the authors defined some linear recurrence sequences and gave their various properties by matrix methods. It is clear that both results in these articles and methods in these articles are very similar with this article.</p> <p>So, I suggest that you mention the following articles in Introduction or Discussion (a discussion section can be added to paper).</p> <ol style="list-style-type: none"> <li>1. E. Kilic, "The Binet formula, sums and representations of generalized Fibonacci p-numbers", European Journal of Combinatorics 29 (2008) 701–711. 3.</li> <li>2. I. Gültekin, O. Deveci, "On the arrowhead-Fibonacci numbers" Open Math. 2016; 14: 1104–1113.</li> <li>3. E. Kilic, D. Tasci, " On the generalized order-k Fibonacci and Lucas numbers", ROCKY MOUNTAIN JOURNAL OF MATHEMATICS Volume 36, Number 6, 2006, 1915-1926.</li> <li>4. D. Tasci, E. Kilic, "On the order-kgeneralized Lucas numbers", Applied Mathematics and Computation 155 (2004) 637–641.</li> <li>5. O. Deveci, E. Kereduman, C.M. Campbell, "The Fibonacci-Circulant Sequences and Their Applications", RANIAN JOURNAL OF SCIENCE AND TECHNOLOGY TRANSACTION A-SCIENCE, 2007, Volume: 41, Issue: A4, Pages: 1033-1038.</li> <li>6. O. Deveci, S. Tas, A. Kilicman, "On the 2k-step Jordan-Fibonacci sequence", ADVANCES IN DIFFERENCE EQUATIONS, Article Number: 121, DOI: 10.1186/s13662-017-1178-2, APR 26, 2017.</li> </ol>	



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<b>Optional/General</b> comments		
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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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>	

**Reviewer Details:**

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Department, University & Country	<b>Kafkas University, Turkey</b>