

Review Form 3

Journal Name:	Journal of Advances in Mathematics and Computer Science
Manuscript Number:	Ms_JAMCS_123913
Title of the Manuscript:	On Some Mixed Polynomial Exponential Diophantine Equation : $\alpha^n + \beta^n + \alpha(\alpha^s \pm \beta^s)^m + D = r(\mu^k + \nu^k + \omega^k)$
Type of the Article	Original Research Article

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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 guidelines for the Peer Review process, reviewers are requested to visit this link:

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	Yes, this manuscript is useful in academic field.	
Is the title of the article suitable? (If not please suggest an alternative title)	No, This manuscript is scrutinized for integer solutions by using elementary concepts of mathematics. The proofs for the given theorems are only for selected values of some of the variables. For example, in all the cases, Author took $a = 1, s = 1, r = 2$, like that. The given proof is also not generalized one, it proved only by some assumptions. Also, alpha and beta are consecutive numbers in all the cases. If not, then it should be justified. So I suggests, On Some Mixed Exponential Diophantine Equation $\alpha^n + \beta^n + \alpha(\alpha^s \pm \beta^s)^m + D = r(\mu^k + \nu^k + \omega^k)$ with α and β are consecutive integers.	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	First 5 lines in abstract are not needed in the abstract, may be it is included in the introduction part.	
Are subsections and structure of the manuscript appropriate?	Yes. Change 2.1 Applications as Examples	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	This article has a systematic flow of content, also it is scientifically approached. This manuscript is easy to understand.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. -	It is sufficient but some of them are not recent. References must be only after the year 2016 references.	
<u>Minor</u> REVISION comments Is the language/English quality of the article suitable for scholarly communications?	Yes, the language of the article suitable for scholarly communications. Minor revision needed in (i) Keywords are not enough, include at least 5 keywords. (ii) Introduce Mixed Exponential Diophantine Equation in detail in introduction. (ii) Include more literature review in the introduction. (iii) The conclusions must be improved.	
<u>Optional/General</u> comments	Major Revision: Theorems proofs are not justified for the general case, it should be justified. Otherwise change the title in a specific. After these revisions, I recommend this for publication.	

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PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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