Review Form 1.6

Journal Name:	**Asian Research Journal of Mathematics**
Manuscript Number:	**Ms_ARJOM_84960**
Title of the Manuscript:	**The Influence of Total Catastrophe on Simple Birth-Death-Immigration Processes**
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:

(https://www.journalarjom.com/index.php/ARJOM/editorial-policy)

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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)*
Compulsory REVISION comments	**1. Title**: Please write the title briefly but indicate the theme and topic being written. The title is written short and attracts the readers of your article. Title no more than 14 words. Less informative for paper readers. Please make the title short but can explain the theme and topic in detail. **2. Abstract part:** Write in the abstract a brief problem, then the method of solving the problem. Then the results and objectives are written at the end of the abstract. a. Need to be revised and improved the description of the explanation of the formula in detail. b. Extend the explanation for the theorem. c. Add some numerical case study results from your proposed section. **3. Add pictures and table** notations from your case study results. **4. Give a detailed explanation** of the the results of the Transient Solution Process **5. For n less than or equal to 1**, The results of the Transient Solution Process **6. And** The results of the Transient Solution Process are described in the table. and bar charts are clearer and more detailed. **7. Literature Review section:** 1. Need to show the advantage and disadvantage of each paper mentioned in this section, I can't understand anything from this section. 2. Add comparison table. **8.** Add section Overview for some recent formulas in details with its equations. **9. Proposed Work section:** **1-** Need to add the a formal definition of the problem 2- Describe all stages of the manuscript paper model 3- Describe the data set you use it 4- Add the Complexity analysis 5- Add more results and comparison 7- All figures named and figures not screenshots and need to be good quality **10. Add section case study problems** **11.** Add challenges and future work section **12. Summary and Conclusion:** **a. Need to extend the section and some numerical analysis** **13. Add some good recent references, good quality figures, more tables** **The plagiarism report file** from the **Turnitin program** with the 10% plagiarism is allowed (including references, authors name and affiliation If the plagiarism is already less than 10%.	
Minor REVISION comments	Please provide numerical analysis test results in the form of a pie chart table. To make it easy for readers to understand.	
Optional/General comments	**1.** Please correct the title and abstract so introduction with a good sentence and attract the reader's interest for your paper. **2.** In the **conclusion** section, the results of the numerical analysis are added. And the results of the analysis of this paper are made a bar chart and pie chart so that the results look perfect, easy to understand for your paper readers.	

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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:	**Paryati**
Department, University & Country	**University Pembangunan National "Veteran" Yogyakarta, Indonesia**