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| BookName: | [MathematicsandComputerScience:ContemporaryDevelopments](https://www.bookpi.org/bookstore/product/mathematics-and-computer-science-contemporary-developments-vol-1/) |
| ManuscriptNumber: | **Ms\_BPR\_3548** |
| TitleoftheManuscript: | **MathematicalAnalysisandStochasticStabilityofNonlinearEpidemic ModelwithIncidenceRate** |
| Typeofthe Article | **Bookchapter** |

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| **PART1:ReviewComments** |
| **Compulsory**REVISIONcomments | **Reviewer’scomment** | **Author’s Feedback** *(Please correct the manuscript and highlight that partinthemanuscript.Itismandatorythatauthorsshould writehis/herfeedbackhere)* |
| **Please write a few sentences regarding the importanceof this manuscript for the scientific community. Why doyou like (or dislike) this manuscript? A minimum of 3-4sentencesmaybe requiredfor thispart.** | The inclusion of temporary immunity into the model make this work good as it reflects therealistyof most infectious diseases, and for this reasonIlikeit. |  |
| **Isthetitleofthearticlesuitable?****(Ifnotplease suggestanalternativetitle)** | **Thetitle“MathematicalAnalysisandStochasticStabilityofNonlinearEpidemicModelwith IncidenceRate”isvery okayforthework** |  |
| **Is the abstract of the article comprehensive? Do yousuggesttheaddition(ordeletion)ofsomepointsinthissection?Please writeyour suggestionshere.** | **I think the author(s) need to revise the abstract as it somewhat disorganised. It should conciselysummarizetheobjectives,methodology,keyfindings,andimplications.Sentencesarefragmentedandcouldbe restructured for asmootherflow.****Thestatement“wehaveusedthedifferentreferencescitedindifferentstudiesandespeciallythewritingof the non-linearepidemic mathematicalmodel”isnot clear** |  |
| **Aresubsectionsandstructureofthemanuscriptappropriate?** | **Yesthesubsectionsareappropriate** |  |
| **Please write a few sentences regarding the scientificcorrectness of this manuscript. Why do you think thatthismanuscriptisscientificallyrobustandtechnically****sound?Aminimumof3-4sentencesmayberequiredforthispart.** | **The manuscript cab be said to demonstrate some scientific robustness by employing a mathematicalframeworktostudyanonlinearepidemicmodelwithtemporaryimmunityandasaturatedincidencerate.** |  |
| **Arethereferencessufficientandrecent? Ifyouhavesuggestions of additional references, please mentiontheminthe review form.****-** | **NOTatall,asthemostrecentreferenceis2012 whichis12yearsago** |  |
| MinorREVISIONcomments**Isthelanguage/Englishqualityofthearticlesuitableforscholarlycommunications?** | Thelanguage/Englishqualityneedimprovementasmentionedearlier |  |
| **Optional/General**comments | Ingeneraltheworkisokay. |  |

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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)* |  |

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| **Reviewer Details:** |
| Name: | **Nwaibeh, Emmanuel Anthony** |
| Department, University & Country | **Universiti Sains Malaysia, Malaysia** |