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| Book Name: | [Mathematics and Computer Science: Contemporary Developments](https://www.bookpi.org/bookstore/product/mathematics-and-computer-science-contemporary-developments-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_3548** |
| Title of the Manuscript: | **Mathematical Analysis and Stochastic Stability of Nonlinear Epidemic Model with Incidence Rate** |
| Type of the Article | **Book chapter** |

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| PART 1: Review Comments | | |
| Compulsory REVISION comments | Reviewer’s comment | Author’s Feedback*(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **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.** | **The paper is recommended for publication. Is a mathematical model with delay. The mathematical studies have been established.** The author should present the details of the calculation of R0. |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Yes, the title of the articleis suitable** |  |
| 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. | The abstract of the articleis comprehensive |  |
| **Are subsections and structure of the manuscript appropriate?** | **yes** |  |
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| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | The references are recent |  |
| Minor REVISION commentsIs the language/English quality of the article suitable for scholarly communications? | Minor REVISION |  |
| Optional/Generalcomments | **The paper is recommended for publication. Is a mathematical model with delay. The mathematical studies have been established.Seepunctuation in general** |  |

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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: | **Lassina Ouattara** |
| Department, University & Country | **Université Nazi Boni, Burkina Faso** |