

### Review Form 3

|                          |                                                                                                      |
|--------------------------|------------------------------------------------------------------------------------------------------|
| Journal Name:            | <a href="#">Asian Journal of Advanced Research and Reports</a>                                       |
| Manuscript Number:       | Ms_AJARR_128123                                                                                      |
| Title of the Manuscript: | Mathematical Models in Economics: Applications of Sequences, Derivatives, and Differential Equations |
| Type of the Article      |                                                                                                      |

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

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**Review Form 3**

**PART 1: 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. A minimum of 3-4 sentences may be required for this part. | Firstly, interdisciplinary approach: the study fosters collaboration between mathematics and economics. Secondly, practical applications: the study highlights how mathematical modelling aids in financial decision-making and long-term forecasting. Thirdly, contribution to economic analysis: the work underlines the importance of quantitative methods in addressing complex problems in economics. |                                                                                                                                                                     |
| Is the title of the article suitable? (If not please suggest an alternative title)                                                                               | The title is 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 is short, concise, and clear.                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                     |
| Is the manuscript scientifically, correct? Please write here.                                                                                                    | The manuscript is scientifically correct. The models are explained well especially Harrod-Domar model, Solow-Swan model, Samuelson, and Phelps model.                                                                                                                                                                                                                                                      |                                                                                                                                                                     |
| Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.                              | The references are sufficient                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                     |
| Is the language/English quality of the article suitable for scholarly communications?                                                                            | Please double check spellings. The rest is good                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                     |
| <u>Optional/General</u> comments                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                     |

**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> |                                                                                                                                                                                      |

**Reviewer Details:**

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|----------------------------------|-------------------------------------|
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