

Review Form 1.7

Journal Name:	Journal of Advances in Mathematics and Computer Science
Manuscript Number:	Ms_JAMCS_96300
Title of the Manuscript:	Modeling COVID-19 Pandemic by the $\lambda - ISR$ Volterra-Fredholm Integral Equation: A Case Study of South Africa
Type of the 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:

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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)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>1. 1. I think that every manuscript intended for scientific dissemination should have its publication encouraged. See here a well-intentioned work that deserves such publicity. At the same time, I consider the paper too brief, which is limited to presenting some results of the functional analysis, without much originality.</p> <p>2. Yes. It is suitable.</p> <p>3. Yes. It is suitable.</p> <p>4. The paper is well written, despite being very brief. For a better presentation, I suggest including a new section, with conclusions.</p> <p>5. Naturally, it is not possible to verify all the calculations, all the mathematical developments in a short period of time. But the general structure suggests correct work. Not sufficient. Some related papers should be discussed in the introductory section, for example: 1- Alesemi M, Iqbal N, Hamoud AA. The analysis of fractional-order proportional delay physical models via a novel transform. Complexity. 2022 Feb 15;2022. 2- Hamoud A, Ghadle K. Recent advances on reliable methods for solving Volterra-Fredholm integral and integro-differential equations. Asian Journal of Mathematics and Computer Research. 2018 Apr 10;24(3):128-57. 3. Bhadane P, Ghadle KP, Hamoud AA. Approximate solution of fractional Black-Schole's European option pricing equation by using ETHPM. Nonlinear Functional Analysis and Applications. 2020;25(2):331-44. 4. Hamoud A, Mohammed N, Ghadle K. Some powerful techniques for solving nonlinear Volterra-Fredholm integral equations. Journal of Applied Nonlinear Dynamics. 2021 Sep 1;10(3):461-9.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>1. English is not my native language, so I have some difficulties with deeper issues associated with your grammar. But I believe that the text is on the same level of understanding as other academic works with which I am usually in contact.</p> <p>2. I strongly recommend including a final concluding section. This would help to improve the work.</p>	
<p>Optional/General comments</p>	<p>Title of the Manuscript must be write: Modeling COVID-19 Pandemic by the λ – ISR Volterra-Fredholm Integral Equation: A Case Study of South Africa</p>	

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

Reviewer Details:

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