

Review Form 3

Journal Name:	Asian Research Journal of Mathematics
Manuscript Number:	Ms_ARJOM_126015
Title of the Manuscript:	Numerical Scheme and Simulations of Caputo Fractional Derivative-Based Unemployment Model
Type of the Article	

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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.	In this paper they have developed a novel technique a numerical scheme of a Caputo fractional derivative unemployment model through the generalization of Adam Bashforth predictor corrector method. The derivation of this model is interesting and is described in the form of Volterra integral which was helpful to achieve the iterative formula.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes	
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.	Yes. Comprehensive	
Are subsections and structure of the manuscript appropriate?	Yes	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	This article is scientifically sound because it derives a new and interesting numerical scheme of a Caputo fractional derivative unemployment model. This newly derived method can be applied to a numerical example part which is lacking in this article. Also the results of the proposed method should be analysed and compared to the existing methods available. Kindly include these and make the corrections for further processing.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes	
Minor REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?	Yes	
Optional/General comments	Application part can be added by illustration of numerical example.	

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

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Reviewer Details:

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