Review Form 1.7

Journal Name:	Physical Science International Journal
Manuscript Number:	Ms_PSIJ_101730
Title of the Manuscript:	On the Numerical Approximation of Higher Order Differential Equation $\gamma^{iv} = f(z, \gamma, \gamma', \gamma'', \gamma''', \gamma''')$
Type of the Article	

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)
Compulsory REVISION comments		
 Is the manuscript important for scientific community? (Please write few sentences on this manuscript) Is the title of the article suitable? (If not please suggest an alternative title) 	1. This article discusses an actual problem of solving high-order differential equations, namely, a general block algorithm for solving problems with initial values (IVP) of a higher order using a linear block algorithm (LBA). This manuscript contains an extensive analysis of existing publications on the topic of research in recent years. Here a new solution method is proposed, its convergence and accuracy are proved. The examples show the minimum error of the obtained solutions. The results of the decisions are analysed using graphs. The manuscript also presents a comparative analysis of the new method with other existing methods for solving high-order differential equations. The	
3. Is the abstract of the article comprehensive?	advantages of the presented method are shown.	
4. Are subsections and structure of the manuscript appropriate?	2. In my opinion, the title of the manuscript fully reflects its content.	
5. Do you think the manuscript is scientifically correct?	3. The abstract of the manuscript is quite informative and gives an idea of the research problem.	
6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.	4. The subsections and the structure of the manuscript have the correct correspondence.	
(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)	5. This manuscript is scientifically correct, has a correct and consistent structure, correct descriptions, assessments and conclusions.	
additional daggeonories comments,	6. This manuscript contains an extensive review of publications on the research problem over the past five years.	
Minor REVISION comments		
Is language/English quality of the article suitable for scholarly communications?	This manuscript is written in understandable mathematical/English language.	
Optional/General comments	I think that this study is of great importance for mathematicians studying methods for solving higher-order differential equations. In my opinion, the manuscript "On the Numerical Approximation of a Higher Order Differential Equation $\gamma^{iv} = f(z, \gamma, \gamma', \gamma'', \gamma''')$ " can be published in the Physical Science International Journal.	

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PART 2:

		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)	

Reviewer Details:

Name:	Tetiana Nadryhailo
Department, University & Country	Dniprovsky State Technical University, Ukraine

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