

Review Form 1.7

Journal Name:	Journal of Advances in Mathematics and Computer Science
Manuscript Number:	Ms_JAMCS_110122
Title of the Manuscript:	COMPARATIVE STUDY OF THE SBA AND MOL METHODS. APPLICATION TO SOME SYSTEMS OF NONLINEAR PARTIAL DIFFERENTIAL EQUATIONS.
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 1. Is the manuscript important for scientific community? (Exactly it is important for the scientific community) 2. Is the title of the article suitable? (Title of the article is suitable but please avoid the abbreviations in the title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u>	 1. The Abstract should contain answers to the following questions: What problem was studied and why is it important? What methods were used? What are the important results? What conclusions can be drawn from the results? What is the novelty of the work and where does it go beyond previous efforts in the literature? Please include specific and quantitative results in your Abstract, while ensuring that it is suitable for a broad audience. References, figures, equations and abbreviations should be avoided. 2. The authors used the concept of Method of Lines (MOL) in the article as a novel technique how it is different from Finite element method. 3. What is the physical significance of the Fisher-Murray and Fitz Hugh-Nagumo system what is the motivation behind this to find out its solutions? 4. What types of the huddles that you face during the study of MOL and how you reduce what kinds of the parameters used to overcome the huddles. 5. Why you compared your results with the SBA method. 6. There is no literature on the SBA method please added a separate literature on it 7. Paste all Matlab codes in the Appendix section. Of the MOL and SBA method	
Minor REVISION comments 1. Is language/English quality of the article suitable for scholarly communications?	Major revision	
Optional/General comments		

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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