

Review Form 1.6

Journal Name:	Physical Science International Journal
Manuscript Number:	Ms_PSIJ_78122
Title of the Manuscript:	A numerical method for pulse propagation in nonlinear media
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:

(<https://www.journalpsij.com/index.php/PSIJ/editorial-policy>)

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	<p>The manuscript ID Ms_PSIJ_78122 mainly presents a numerical study about pulse propagation in particular nonlinear dispersive optical media. Here are some points to the authors:</p> <ol style="list-style-type: none"> 1. Collective citations must be split with individual expressions in order to see their justification and importance for this work. 2. The physical mechanisms responsible for third-order optical nonlinearities originate different influence in the transmittance of ultrafast laser pulses. You can see for instance : DOI: 10.1063/1.2952040 <p>Please comment how this issue is addressed in the numerical model selected for the study presented. The nonlinear refractive index may be considered in vectorial form as suggested by R. W. Boyd, Nonlinear Optics, Academic, San Diego, 1992.</p> <ol style="list-style-type: none"> 3. The discussion section should present a confrontation of the results with comparatives experimental works in order to see updated advantages and disadvantages of the proposal. 4. The results should be better analyzed considering that the selected parameters can be directly useful as a base for future research or for immediate applications. 5. The references should be updated. 	
Minor REVISION comments		
Optional/General comments		

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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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