

Review Form 1.6

Journal Name:	Physical Science International Journal
Manuscript Number:	Ms_PSIJ_78255
Title of the Manuscript:	Solving generalized nonlinear Schrodinger equation by Adomian decomposition technique
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>There are several remarks that need to be addressed and/or the manuscript to be revised, given as follows:</p> <ul style="list-style-type: none">* The theoretical framework in the introduction can be strengthened by adding additional references related to both the NLS equation and the ADM technique. For instance, applications of the NLS equation in water waves, nonlinear optics, and Bose-Einstein condensates might want to be included. Some review articles and/or textbooks on the NLS equation should be included and cited accordingly. The textbooks written Abdul-Majid Wazwaz on PDE should be cited as they contain explanations on the ADM, as well as other relevant textbooks as well.* This sentence is confusing at best and misleading at worst. Please revise it: "The analytical results are performed numerically." Analytical solutions are exact, while numerical results are an approximation. That is how many readers would interpret.* Figure quality can be improved, particularly Figure 3 as it is unclear in the printout Black and white version.	<ul style="list-style-type: none">• The observations have been taken into account in the manuscript. Some review articles have been added to the references; also including the textbooks written by Abdul-Majid Wazwaz on PDE Wazwaz which you cited.• The analytical results are obtained and graphical representations are made.• Figures
Minor REVISION comments	<ul style="list-style-type: none">* Missing hyphens, e.g., second-order, third-order, etc.* Appearance of French(-style) words, e.g., remarquable, gaussien, etc.* Some mathematical modes should not be written in italics, e.g., sech, cos, etc.* Units should not be typed in italics mode, e.g., ps, km, etc.	Already done in the text
Optional/General comments	The manuscript describes an attempt to find an exact analytical solution of the generalized NLS equation using the Adomian decomposition method. The topic is interesting and can be recommended for publication.	

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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?	<u>(If yes, Kindly please write down the ethical issues here in details)</u>	I would like to thank the reviewer for all.