SDI Review Form 1.6

Journal Name:	**Asian Research Journal of Mathematics**
Manuscript Number:	**Ms_ARJOM_49621**
Title of the Manuscript:	**Multiple Exact Travelling Solitary Wave Solutions of Nonlinear Evolution Equations**
Type of the Article	**Research 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:

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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	**In this paper, the authors have presented an extended Tanh-function method with Riccati for constructing multiple exact travelling wave solutions of some nonlinear evolution equations which are particular cases of a generalized equation. The results of solitary waves are general compact forms with non-zero constants of integration.** **The authors have concluded that numerical results they obtained demonstrate that this method is a promising and powerful tool for modeling other nonlinear equations or systems in science and engineering. However, it needs some revisions from the point of authors and readers to improve the quality of the paper. After these minor revisions, I suggest that this paper can be accepted to publish in "Asian Research Journal of Mathematics "** **My comments:** **1- At the end of all equations must be putted "COMMA" or "DOT" according to the typing rules. For example, at the end of the following equations, a comma or a dot must be putted.** $u_t + \alpha u u_x + \beta u^2 u_x + \nu u_{xx} + \mu u_{gx} = 0$ (1) $u_t + \alpha u u_x + \nu u_{xx} + \mu u_{3x} = 0$ (2) $u_t + \alpha u u_x + \nu u_{xx} + \mu u_{4x} = 0$ (3) **2- Please polish the grammar. For example:** The following NLPDE are proposed as a generalization of the mentioned equations, involving nonlinear dispersion and dissipation effects [13]: **3- Please control the following sentence in English language.** where η_0 is an arbitrary constant. With $N = 2$ (balancing U^2 and U'') therefore (7) admits the ansätz: **4- Finally, the numerical or exact travelling solitary wave solutions concept of the nonlinear models attracts attention from all over the world. Therefore, some important papers related to the topic of this paper that are published in recent years should be cited:** *** Comparing the new fractional derivative operators involving exponential and Mittag-Leffler kernel. Discrete & Continuous Dynamical Systems-S, 13(3), 1098-1107, (2019).** ***European vanilla option pricing model of fractional order without singular kernel, Fractal and Fractional, 2 (1), 3, (2018)** *** An alternative approach for nonlinear optimization problem with Caputo-Fabrizio derivative. In ITM Web of Conferences (Vol. 22, p. 01009). EDP Sciences. (2018).** ***Generalized differential transform method for fractional partial differential equation from finance. In Proceedings, International Conference on Fractional Differentiation and its Applications, Novi Sad, Serbia (pp. 778-785). (2016, July).** ***Conformable Derivative Operator in Modelling Neuronal Dynamics. APPLICATIONS AND APPLIED MATHEMATICS-AN INTERNATIONAL JOURNAL, 13(2), 803-817, (2018).**	Our feedback to the reviewer comments (the feedback is numbered accordingly to his/her): 1- Agreed and the corrections needed are made. 2- The grammar's polish has been performed. 3- The change needed for the sentence is made to have the correct form in English. 4- Agreed to the reviewer comment by adding some recent relevant research works but the one under the classification of *Integer order Partial Differential Equation.*

Minor REVISION comments		
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)*	