



SDI Review Form 1.6

Journal Name:	Journal of Advances in Mathematics and Computer Science
Manuscript Number:	Ms_JAMCS_48879
Title of the Manuscript:	Geometrical Properties and exact solutions of Three (3+1)-dimensional nonlinear evolution equations in Mathematical Physics using different expansion methods
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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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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		
Minor REVISION comments	The Author(s) employed two powerful integration methods to treat three types of 3D-evolution equations that are vital in mathematical physics and real-world applications. The work is of physical importance and would enrich the related literature and scientist in this regards. I thus recommend acceptance of the paper after minor adjustments as follows: 1. The English language should be improved greatly. 2. The initials in "nonlinear evolution equations (NLEEs)" should be capitalized, i.e "Nonlinear Evolution Equations " 3. The keywords should be reduced; I suggest the following to be used instead: Keywords: Travelling wave solutions; Variation (G'/G)-Expansion method; G'/G^2-Expansion method; Nonlinear evolution equations. 4. The physical application/uses of the three equations need to be incorporated. 5. The punctuations of the paper are very bad ... all equations need to be punctuated and connected well with proceeding equations or sentences as the case maybe. See Eqs. 3.5, 3.8, 4.1.7....., most equations after 4.3.10... 6. I suggest the author(s) should discuss the nature/types of the solutions graphs presented. I mean, whether kick profiles, solitons, singular solutions or anything else. 5. Finally, the authors can review new related literature including the following: - a). R.I. Nuruddeen, K.S. Aboodh, K. K. Ali, Analytical Investigation of Soliton Solutions to Three Quantum Zakharov-Kuznetsov Equations, Commun. Theor. Phys. 70 (2018) 405–412 Vol. 70, No. 4, 2018 - b). R. I. Nuruddeen, K.S. Aboodh, K. K. Ali, Constructing Logistic Function-Type Solitary Wave Solutions to Burgers and Sharma–Tasso–Olver Equations, Int. J. Appl. Comput. Math (2019) 5:5 - c). Aly R. Seadawy, R.I. Nuruddeen, K.S. Aboodh, Y.F. Zakariya, On the exponential solutions to three extracts from extended fifth-order KdV equation, Journal of King Saud University, 2019.	
Optional/General comments	I recommend accepting the paper after the above observations are taken care of.	

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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