SDI Review Form 1.6

Journal Name:	**British Journal of Mathematics & Computer Science**
Manuscript Number:	**2013_BJMCS_7059**
Title of the Manuscript:	**Fractional sub-equation method and analytical solutions to the Hirota-Satsuma coupled KdV equation and coupled mKdV equation**
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:

(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	**Reports on the Article 2013BJMCS: 7059** **I carefully review the paper. This is a very well written paper. In their contribution,** **the author have investigated the exact travelling wave solutions to the** **space-time fractional HirotaCSatsuma KdV and the mKdV equations by using** **the fractional sub-equation method in nonlinear fractional partial di** **erential** **equations (FPDEs), involving Jumaries modied Riemann-Liouville derivative.** **The fractional sub-equation method is applied to the space-time fractional generalized** **Hirota-Satsuma coupled KdV equation and coupled mKdV equation.** **This manuscript otherwise looks OK to me. So, I recommend acceptance of** **this paper. It is however suggested that a revised version of the manuscript** **be accepted for publication in a journal. please add some method for solving** **nonlinear partial di** **erential equations, such as:** **1 New exact solutions to the perturbed nonlinear Schrodinger's equation** **with Kerr law nonlinearity, Appl. Math. Comput., 216(2010)3064-3072.(the**	We appreciate the references mentioned by the referee. We have incorporated the related references with the perturbed nonlinear Schrödinger's equation with Kerr law nonlinearity, in the introduction of the revised version. Before the introduction of the sub-equation method. (see underlined text in the reviewed manuscript line 35-38)

	modied mapping method and the extended mapping method) **2 New exact solutions to the perturbed nonlinear Schrodinger's equation** **with Kerr law nonlinearity via modied trigonometric function series method,** **Communications in Nonlinear Science and Numerical Simulation 16(8)2011)** **3097-3106.(the modied trigonometric function series method)** **A note on exact traveling wave solutions for the KleinCGordonCZakharov equations** **Z.Naturforschung A(the modied trigonometric function series method)** **3 Qualitative analysis and traveling wave solutions for the perturbed nonlinear** **Schrodinger's equation with Kerr law nonlinearity, Physics Letter A,** **375(2011) 1275-1280.(the bifurcation method and qualitative theory of dynamical** **systems)** **4 The modied (G=G)0-expansion method and traveling wave solutions of** **nonlinear the perturbed nonlinear Schrodinger's equation with Kerr law nonlinearity,** **Communications in Nonlinear Science and Numerical Simulation,16(11)(2011)4259-** **4267(the modied (G=G)0-expansion method)** **5 Bifurcation behavior of the traveling wave solutions of nonlinear the perturbed** **nonlinear Schr odinger's equation with Kerr law nonlinearity, Zeitschrift** **f ur Naturforschung A,(2011)(dynamical systems approach).** **6 Bifurcation analysis and the travelling wave**	

	solutions of the Klein-Gordon-Zakharov equations,Pramana(dynamical systems approach). **7 A Note on Exact Traveling Wave Solutions of the Perturbed Nonlinear Schrodingers Equation with Kerr Law Nonlinearity,Commun. Theor. Phys.**	
Minor REVISION comments		
Optional/General comments		