



SDI Review Form 1.6

PART 1:

Journal Name:	<u>British Journal of Mathematics & Computer Science</u>
Manuscript Number:	2013_BJMCS_5474
Title of the Manuscript:	Traveling Wave Solutions for a coupled KdV equations
Type of the Article	Research Paper

General guideline for Peer Review process is available in this link:

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

- This form has total 7 parts. Kindly note that you should use all the parts of this review form.



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PART 2: 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)
<u>Compulsory</u> REVISION comments	This paper presents exact explicit travelling wave solutions for a coupled Kdv equation. The dynamical bifurcation theory was developed by solving non-linear partial differential equations using a travelling wave solution. The paper is acceptable subject to major revision noted. (1) How do you choose the relation between the function u and v [$u=a+bv^2$] ? (2) Is the eqn. (2.2) and (2.4) satisfies the eqn. (1.4) ? (3) What is the value of the constant c. Suppose c is any constant, which satisfies the given differential equation, is it possible to find the value of the constant c in terms of the other given parameters? (4) What is the advantage of travelling wave solutions? (5) All real life problems have some boundary conditions. Suppose the initial and boundary conditions to the problem are, for eg. When $t = 0, u = 0, v = 1$; When $x = 0, du/dx=0, dv/dx=0$ and $x=1, u=1, v=2$. How do you find the constant c, using the above initial and boundary conditions in your solutions?	
<u>Minor</u> REVISION comments		



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<u>Optional/General</u> comments		
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Reviewer Details:

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