



SDI Review Form 1.6

Journal Name:	<u>British Journal of Applied Science & Technology</u>
Manuscript Number:	Ms_BJAST_23357
Title of the Manuscript:	Coupling of Laplace Transform and Differential Transform for Wave Equations
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.

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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	Eq. (3.5) is not correct because the linear operator \mathcal{L} is there omitted without reason. Eq.(3.6) and (3.7) are not correct because the operator \mathcal{R} in general does not commute with the operators of the differential transform method w.r. to x.	
Minor REVISION comments	Please consider the suggested corrections In Abstract: reconfirm the efficiency In Introduction: It is an iterative procedure for obtaining analytic Taylor's series solution of differential equations which was first proposed (...) by Marwan Alquran et al.[6] and it is has been successfully	
Optional/General comments	Although there are errors in the explanation of the method (section 3) as remarked hereinbefore, the Numerical Applications in section 4 are all right. For me, the method utilized in this work is valuable, worth being known. Nevertheless it has to be limited exclusively to the cases where \mathcal{L} contains only derivative operators w.r.to t because in those cases we may isolate $\mathcal{L}u(x,t)$ and by inverse Laplace transform get $u(x,t)$ alone in the left member so that the LDTM applied to it may eventually be calculated.	

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