



SDI Review Form 1.6

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	Ms_BJAST_29916
Title of the Manuscript:	New Formulas For One-Dimensional Differential Transform
Type of the Article	Original 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 <i>(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)</i>
<u>Compulsory</u> REVISION comments	(1) In the Keywords: What is the difference between the Differential transforms and the Differential transform method? (2) Taylor series method is well known transform and should not be included in the Keywords. (3) The method is very elementary.	1- As you may know, the idea of differential transform presented by G. E. Pukhov in 1982 and the concept of differential transform proposed first by Zhou in 1986. The differential transform method presented as a new method based on Taylor series. 2- The method is not elementary, because there is many new results on one and two-dimensional differential transform. Please see the recent results on this method. 3- We are now working on the combination of the Adomian Decomposition Method and the Differential Transform Method to solve the non-linear problems. 4- There are works combining the differential transform method and the Laplace transform method, see for example, (M. Alquran, K. Al Khaled, M. Ali and A. Taany, The Combined Laplace Transform- Differential transform Method for Solving Linear Non-Homogenous PDEs, J. Math. Comput. Sci. 2 , No. 3, (2012), 690-701). 5- We did a lot of work on: Adomian Decomposition Method- Modified Adomian Decomposition Method- Differential Transform Method- Modified Sumudu-Adomian Method, But , we found the differential transform method capable of reducing the size of calculations comparing with the Taylor series method and the above methods. At the end, I believed that the differential transform method is a new version of the Taylor series method.
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		