



SDI Review Form 1.6

Journal Name:	<u>British Journal of Applied Science & Technology</u>
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>)



SDI Review Form 1.6

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)
<u>Compulsory</u> REVISION comments	1. The calculations for obtaining theorems and for resolutions of exemplified exercises in this manuscript are all correct. 2. The method is worth to be known.	
<u>Minor</u> REVISION comments	1. Consider to change the adverb "hence" utilized in this work by "in fact" because Hence=as an inference from this fact; for this reason; therefore 2. Consider to replace "Hermit" with "Hermite". 3. The definition (2) of the inverse operator of $F(k)$ seems inappropriate and may be omitted. 4. In line 80, consider omit the phrase "Hence, applying the Leibniz's rule leads to the relation" and replace it simply by "Because $f'(x)=g(x)$ we get from (2.8)" 5. Consider omitting the lines 129-133 because useless.	1- Done 2- Done 3- Done, and I included it as a note 4- Done 5- Done At the end, I would to thank the reviewer for his useful and valuable comments.
<u>Optional/</u> <u>General</u> comments	It is advised that the author(s) would utilize the Fundamental identity of operator calculus he can find in http://www.ccsenet.org/journal/index.php/apr/article/view/56596 to simplify greatly the proofs for theorems in this work.	I went through this paper (Do Tan S., Differential Calculus for Differential Equations, Special Functions, Laplace transform, Applied Physics Research, Vol. 8, No. 1; 2016). I will advise my students to utilize the Fundamental identity of operator calculus in our future works on one and two dimensional differential transform. It is important paper for our future work. Thanks for your advice.