



SDI Review Form 1.6

Journal Name:	<u>British Journal of Mathematics & Computer Science</u>
Manuscript Number:	2014_BJMCS_9444
Title of the Manuscript:	Solving k-Fractional Hilfer Differential Equations via Combined Fractional Integral Transform Methods
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.

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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>
Compulsory REVISION comments	This manuscript is very interesting and needs major revision. My suggestions are as follows: (1) Authors should improve introduction of the paper within the references (Local Fractional Functional Analysis and Its Applications, Asian Academic Publisher Limited, HongKong, 2011; Advanced Local Fractional Calculus and Its Applications, World Science Publisher, New York, 2012; Mappings for special functions on Cantor sets and special integral transforms via local fractional operators, Abstract and Applied Analysis, vol.2013, Article ID 316978, 6 pages, 2013). (2) Authors also improve the expression of this manuscript by the following references (Fractal heat conduction problem solved by local fractional variation iteration method, Thermal Science, vol.17, no.2, pp.625-628, 2013; Approximate solutions for diffusion equations on Cantor space-time, Proceedings of the Romanian Academy, Series A, vol. 14, no.2, pp.127-133, 2013). (3) Authors should make it clear the Mittag-Leffler function with parameter defined on Cantor sets, which compares with the results from references (Local Fractional Functional Analysis and Its Applications, Asian Academic Publisher Limited, HongKong, 2011; Advanced Local Fractional Calculus and Its Applications, World Science Publisher, New York, 2012; Mappings for special functions on Cantor sets and special integral transforms via local fractional operators, Abstract and Applied Analysis, vol.2013, Article ID 316978, 6 pages, 2013). In the reference (Local Fractional Functional Analysis and Its Applications, Asian Academic Publisher Limited, HongKong, 2011; Mappings for special functions on Cantor sets and special integral transforms via local fractional operators, Abstract and Applied Analysis, vol.2013, Article ID 316978, 6 pages, 2013), the complex case is shown; however, the real case is shown in the references	(1) The introduction has been improved within the references as suggested by the reviewer. (2) The expression of the manuscript has been improved within the references as suggested by the reviewer. (3) We have made it clear, the Mittag-Leffler function and of that of the one given on Cantor set as reference as suggested by the reviewer.



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	(Advanced Local Fractional Calculus and Its Applications, World Science Publisher, New York, 2012; Mappings for special functions on Cantor sets and special integral transforms via local fractional operators, Abstract and Applied Analysis, vol.2013, Article ID 316978, 6 pages, 2013). The graph of Mittag-Leffler function with parameter defined on Cantor sets are given in the reference (Mappings for special functions on Cantor sets and special integral transforms via local fractional operators, Abstract and Applied Analysis, vol.2013, Article ID 316978, 6 pages, 2013). Author should give the graph of the Mittag-Leffler function with parameter in order to show the differences from the one defined on Cantor sets. (4) Other is ok.	
<u>Minor</u> REVISION comments	If any ethical issuer, please clarify	
<u>Optional/General</u> comments		