



SDI Review Form 1.6

Journal Name:	British Journal of Mathematics & Computer Science
Manuscript Number:	Ms_BJMCS_25827
Title of the Manuscript:	Analytical approximate solutions of fractional convection-diffusion equation by means of local fractional derivative operators
Type of the Article	Review 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>)

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>)
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Compulsory REVISION comments

The topic of the manuscript is interesting but the manuscript is not well written.
First of all the authors should eliminate all references of Jumarie derivative and to enlarge the introduction.
What are the original contributions of this manuscript?
What are the potential application of the reported results?
The quality of the figures should be improved.

I eliminate all references of Jumarie derivative.

5] Jumarie, G. (1993). Stochastic differential equations with fractional Brownian motion input. *Int. J. Syst. Sci.*, 6, 1113-1132.

6] Jumarie, G. (2006). New stochastic fractional models for Malthusian growth, the Poissonian birth process and optimal management of populations. *Math. Comput. Model.*, 44, 231-254.

7] Jumarie, G. (2009). Laplace's transform of fractional order via the Mittag-Leffler function and modified Riemann–Liouville derivative. *Applied Mathematics Letters*, 22, 1659-1664.

8] Jumarie, G. (2005). On the solution of the stochastic differential equation of exponential growth driven by fractional Brownian motion. *Applied Mathematics Letters*. 18, 817-826.

The aim of this paper is to extend the application of the local fractional decomposition method to solve fractional nonlinear convection-diffusion equations with modified Riemann–Liouville derivative.



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		A new application of local fractional decomposition method (LFDM) was extended to derive analytical solutions in the form of a series for this equation. Local fractional decomposition method(LFDM) has been successfully employed solving nonlinear problems and ordinary, partial, fractional, integral equations.
Minor REVISION comments		
Optional/General comments		