



SDI Review Form 1.6

Journal Name:	British Journal of Mathematics & Computer Science
Manuscript Number:	2014_BJMCS_14727
Title of the Manuscript:	Discrete Adomian decomposition method for fuzzy convection-diffusion equation
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	The authors have translated a fuzzy PDE to a system of PDEs and then for numerical solution, they used "Discrete Adomian decomposition method". Consequently by this approach, we may rewrite all the well-known numerical methods for PDE in fuzzy setting. Since the numerical methods of ODEs are extremely well studied in the literature, so any numerical method we can consider to solve the system of ODEs. I suggest to the authors to present a Characterization Theorem (see [1]) for equivalency of FPDE and a system of PDEs or to present numerical methods that deal with directly on FPDE, not on a systems of PDE. After presenting Characterization Theorem and using it to translate an FPDE to system of PDE, the manuscript can be reconsidered. [1] B. Bede, Note on "Numerical solutions of fuzzy differential equations by predictor corrector method", Information Sciences 178 (2008) 1917_1922.	In this case, we applied the parametric form of fuzzy numbers. We can't change this paper at all.
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		