



SDI Review Form 1.6

Journal Name:	British Journal of Mathematics & Computer Science
Manuscript Number:	2014_BJMCS_14586
Title of the Manuscript:	A fuzzy approach for solving three-level chance constrained quadratic programming problem
Type of the 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 (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)
Compulsory REVISION comments	ABSTRACT Abstract should contain not just the summary of work, but includes your main result which is your contribution to knowledge. See your abstract and summary. METHODOLOGY The differences and similarities between Pramanik and D. Banerjee(2012) and your approach should be shown with an illustration for better understanding. That is, to show what Pramanik and D. Banerjee(2012) approach could not do.	The abstract already contains what we did in our paper we said that we used the (highlighted techniques) to develop Tchebycheff problem for generating Pareto optimal solution for this problem. Pramanik et al. [2] presented a fuzzy goal programming approach to solve chance constrained linear plus linear fractional bi-level programming problem. The chance constraints with right hand parameters as random variables of prescribed probability distribution functions are transformed into equivalent deterministic system constraints. They construct nonlinear membership functions based on deterministic system constraints. The nonlinear membership functions are transformed into linear membership functions by using first order Taylor's series approximation. In the bi-level decision making context. In this paper some simple and easy techniques are used to solve the problem like the technique which used in [15] to convert convert the



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		probabilistic nature of the constraints to equivalence deterministic constraints , simplex method to give the best and the worst individual solution for each decision maker's problem, the fuzzy set theory to formulate the previous results to membership function and use the concept of tolerance to develop Tchebycheff problem for generating Pareto optimal solution for our problem
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		