



SDI Review Form 1.6

Journal Name:	British Journal of Mathematics & Computer Science
Manuscript Number:	2013_BJMCS_8471
Title of the Manuscript:	MMPP/G/m/m+r Queuing System Model to analytically evaluate Cloud Computing Center Performances
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 use an MMPP model in order to carry out the performance analysis of a cloud server farm. In the paper advanced queueing theory results are exploited, however in a very careless manner. See, for instance, line 180. This formula has been proven in [27] assuming Poisson arrival stream, not an MMPP. Therefore it may be invalid in the MMPP case. If the authors think it is valid for MMPP, a rigorous proof should be presented, instead of a misleading reference. In addition to that, the paper is very carelessly written; it was not proofread by the authors even once, see e.g. lines 181-188. The English is poor and a strange mathematical notations is used, e.g. "prob" for the probability.	First of all we would like to thank the Reviewer: All the remarks suggested by the Reviewer are done and are highlighted in the manuscript. It is true and we have changed the sentence to: "For a Poisson process it can be shown that the probability distribution of residual and elapsed service times have the same probability distribution (where elapsed service time B- is the time between start of the task execution and next arrival of task request) [27]. The probability distribution of Laplace transform of residual and elapsed task service times is calculated in [27] as:" Removed, it was just a template paragraph that slips into the final version of the text Prob is changed to p
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		