



SDI Review Form 1.6

Journal Name:	British Journal of Mathematics & Computer Science
Manuscript Number:	Ms_BJMCS_24440
Title of the Manuscript:	Application of Quick Simplex Method(A new approach) On Two Phase Method
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		
<u>Minor</u> REVISION comments	I recommend this paper for publication in British Journal of Mathematics & Computer Science after considering the following comments: 1. In the abstract part, the author said "In this article, a new approach is suggested while solving two phase simplex method.", which lies in lines 7-8. This sentence should be changed to "In this article, we suggest a new approach while solving two phase simplex method." 2. In the abstract part, the author said "While dealing with Two phase simplex method a new method [7] (quick simplex method) can be apply in Phase I and also in Phase II.", which lies in lines 10-11. This sentence should be changed to "While dealing with two phase simplex method a new method [7] (quick simplex method) can be applied in Phase I and also in Phase II." 3. Improving introduction. The recent advances about the new methods on solving the LPP are not showed in the introduction part. So, we advise the author to add some recent literature related to the new methods on solving the LPP. 4. Lines 19-20, it is hard to read the sentence "(i) the graphical method (ii) simplex The linear programming has its own importance in obtaining the solution of a problem where two or more activities complete for limited resources.". There's no connection between the expression "(i) the graphical method (ii) simplex" and the sentence "The linear programming has its own importance in obtaining the solution of a problem where two or more activities	



SDI Review Form 1.6

	complete for limited resources.”. We think that the expression “(i) the graphical method (ii) simplex” should be arranged on the heels of the sentence “There are two methods to obtain the solution of the above problem. These methods can be classified as :”. 5. Lines 60 and 62, the expressions “$i=1,2,\dots,m$” should be changed to “$i=1,2,\dots,m$”. 6. The author claims that the method sometimes involves less iteration than in the simplex method or at the most an equal number because the method attempts to replace more than one basic variable simultaneously. But in fact, it is difficult for the reader to find that the new method (Quick Simplex Method) in this paper is better than the conventional two phase method. So, we advise the author to make detailed comparisons between the new method and the conventional two phase method. 7. In summary, the English writing of this paper lacks grace and still needs polishing. Apart from several modifications mentioned above, the author should read the manuscript carefully and edit the manuscript for grammar, punctuation, spelling, word usage, sentence structure, and general readability etc.	
<u>Optional/General</u> comments	In this paper, the author introduced a new approach while solving two phase simplex method. The results presented in this paper are interesting and new.	

Reviewer Details:

Name:	Haishu Lu
Department, University & Country	Jiangsu University of Technology, China