



Muhammad Sam'an <muhammad.92sam@gmail.com>

Final Refereeing Decision IJCSM_318392

1 message

Inderscience Publishers <noreply@indersciencemail.com>

19 March 2021 at 18:58

Reply-To: Inderscience Publishers <noreply@indersciencemail.com>

To: muhammad.92sam@gmail.com, yosya@uthm.edu.my, nazarudin@uthm.edu.my, farikhin.math.undip@gmail.com, Editor <zhiwei.cui@gm.com>

Dear Muhammad Sam'an, Yosza Dasril, Nazarudin Bin Bujang, Farikhin Farikhin,

Ref: Submission "A New Approach in Solving Transportation Problem Based on Modifications of TDM 1 and Integration of Total Ratio Cost Matrix"

Congratulations, your above mentioned submitted article has been refereed and accepted for publication in the International Journal of Computing Science and Mathematics. The acceptance of your article for publication in the journal reflects the high status of your work by your fellow professionals in the field.

You need now to login at <http://www.inderscience.com/login.php> and go to <http://www.inderscience.com/ospeers/admin/author/articlelist.php> to find your submission and complete the following tasks:

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2. Open the "authorFinalVersion" file and remove your reply or any response to reviewers that you might have in the front of your article.
3. Restore the author's identification, such as names, email addresses, mailing addresses and biographical statements in the first page of your local file "authorFinalVersion."
4. IMPORTANT: The paper is accepted providing that you, the author, check, edit and correct the English language in the paper. Please proofread all the text and make sure to correct any grammar and spelling mistakes.
5. Save your changes in the file "authorFinalVersion" and use the "Browse" and "Upload" buttons to upload the file on our online system.
6. Click on "Update Metadata" to correct the title, abstract and keywords according the recommendations received from the Editor. You must make sure that the title, abstract and keywords are totally free of English Spelling and Grammar errors. Do not forget to click the "Update" button to save your changes.
7. Once you have updated the metadata, check the box "Yes."
8. Upload a zipped file with the Copyright Agreement forms signed by each author. We need a signed author agreement form for every author and every co-author. Please insert the full names of all authors, reflecting the name order given in the article.
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Finally click on the "Notify Editor" button to let the editor know that you have completed the six tasks.

Your continuing help and cooperation is most appreciated.

Best regards,

Dr. Zhiwei Cui
Editor of International Journal of Computing Science and Mathematics
Inderscience Publishers Ltd.
submissions@inderscience.com



Muhammad Sam'an <muhammad.92sam@gmail.com>

Refereeing Process: Editor comments IJCSM-318392

2 messages

Inderscience Publishers <noreply@indersciencemail.com>

28 February 2021 at 05:45

Reply-To: Inderscience Publishers <noreply@indersciencemail.com>

To: "Mr. Muhammad Sam'an" <muhammad.92sam@gmail.com>, Dr Yosza Dasril <yosya@uthm.edu.my>, Dr Nazarudin Bin Bujang <nazarudin@uthm.edu.my>, PhD Farikhin Farikhin <farikhin.math.undip@gmail.com>, "Dr. Zhiwei Cui" <zhiwei.cui@gm.com>

Dear Author(s),

We have received the review reports for your paper "A New Approach in Solving Transportation Problem Based on Modifications of TDM 1 and Integration of Total Ratio Cost Matrix".

We require now that you implement in your submission the following recommendations made by the reviewers:

Editor Comments:

=====

The editor thinks this paper is TOO long. Please use IJCSM template (http://www.inderscience.com/info/inauthors/author_templates.php, single column) and try to condense your materials so the total page won't exceed 8. Note that if the total number of page is more than 10, may delay the formal publication.

Reviewer A Comments:

=====

Suggestions which would improve the quality of the paper but are not essential for publication:

Need to some improvements for paper.

There are some typos erros.

Writers should write belows explanations:

- 1) alpha_44 change to ---> alpha_ij
- 2) beta_44 change to ---> beta_ij
- 3) Need to explicitly explaining wij how can calculated. It is not understandable for readers.
- 4) Typos errors

alpha_12--->3, double check

alpha_13--->2.5, double check

beta_13--->2.5, double check

beta_21--->4.5, double check

beta_43--->1, double check

Changes which must be made before publication:

Need to some improvements for paper.

There are some typos erros.

Writers should write belows explanations:

- 1) alpha_44 change to ---> alpha_ij
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alpha_12--->3, double check

alpha_13--->2.5, double check

beta_13--->2.5, double check

beta_21--->4.5, double check

beta_43--->1, double check

Reviewer B Comments:

=====

Suggestions which would improve the quality of the paper but are not essential for publication:

Authors are encouraged to consider the following points:

1. The proposed algorithm should have a specific name.
2. In Table-1, "Object" is confusing, rather use "Destination".

Changes which must be made before publication:

In this manuscript, authors developed a new algorithm modifying the existing algorithms, TDM 1 and the Integration of Total Ratio Cost Matrix. Authors demonstrate their proposed algorithm with a numerical example and also construct the pseudocode. The manuscript seems to be acceptable with considering the following recommendations:

1. Literature review is not updated as expected. Recent works in Transportation problems are missing. Authors are recommended to include the recent works (like the following one) and mention how the author's algorithm is better

than the recently developed algorithms.

Authors are strongly recommended to add the following paper in their literature review and some others in recent: Babu, M.A., Hoque, M.A. & Uddin, M.S. A heuristic for obtaining better initial feasible solution to the transportation problem. OPSEARCH 57, 221–245 (2020). <https://doi.org/10.1007/s12597-019-00429-5>

2. Authors compare their algorithm with the 26 TPs chosen from the literature. But all these problems are very small in size. This comparison with these small sizes of problems does not reflect the betterness of the proposed algorithm over the existing chosen algorithms. It is observed that the maximum size of the chosen problems is 5x6. Authors are encouraged to do the comparison with randomly generated TPs of the different sizes, especially large size problems. Authors may do the comparative study like the following paper:

Babu, M.A., Hoque, M.A. & Uddin, M.S. A heuristic for obtaining better initial feasible solution to the transportation problem. OPSEARCH 57, 221–245 (2020). <https://doi.org/10.1007/s12597-019-00429-5>

3. Some grammatical mistakes should be corrected in the manuscript.

4. In Table 6, TP-4, Babu et al (2019) is confused. Either it is Babu et al (2013) or Babu et al (2019) is not cited in the reference.

NOTE: Please send an email to the editor to acknowledge the reception of this email notification. The editor needs to make sure that messages reach the authors and don't delay the review process.

Instructions

1) To help the reviewer(s) verify that you have made the required corrections, please append a point-by-point report detailing how the changes have been made in line with each reviewer's comments at the beginning of your revised manuscript.

2) Responses to reviewers' comments and the revised manuscript must go together in the same single MS Word or PDF file, without revealing authors' identifications.

3) AUTHORS MUST INCLUDE IN THEIR REVISED MANUSCRIPT ALL THE REVISIONS, EDITING AND CORRECTIONS REQUIRED BY ALL REFEREES, OTHERWISE THEIR SUBMISSIONS WOULD NOT BE FURTHER PROCESSED AND WOULD BE REJECTED.

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Your prompt attention is much appreciated.

Dr. Zhiwei Cui
Int. J. of Computing Science and Mathematics (IJCSM)
submissions@inderscience.com

Nazarudin Bin Bujang . <nazarudin@uthm.edu.my>

25 March 2021 at 12:40

To: Inderscience Publishers <noreply@indersciencemail.com>

Cc: "Mr. Muhammad Sam'an" <muhammad.92sam@gmail.com>, Dr Yosza Dasril <yosya@uthm.edu.my>, PhD Farikhin Farikhin <farikhin.math.undip@gmail.com>, "Dr. Zhiwei Cui" <zhiwei.cui@gm.com>

Dear Dr. Zhiwei Cui,

Thank you for the feedback on our paper. We have sent the paper for proof reading and editing. We target to resubmit this paper within one month time.

Thank you,
Nazarudin
FPTP UTHM

[Quoted text hidden]



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Submission Details

Title: **Improved Total Difference Method (ITDM): A New Approach to Solving Transportation Problem Based on Modifications of Total Difference Method 1 and Integration of Total Ratio Cost Matrix**

Author(s): Muhammad Sam'an <muhammad.92sam@gmail.com> - ORCID: 0000-0001-5408-5562
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 Nazarudin Bin Bujang <mazarudin@uthm.edu.my>
Farikhin Farikhin <farikhin.math.undip@gmail.com>

View Abstract, Metadata and Referees: [Metadata](#)

Article submitted for the : International Journal of Computing Science and Mathematics

View Paper Full Text: [on-2021-318392.pdf](#)

Submission Date: 18/Jan/21

Peer-Review Process

1 Reviewer	<i>(Under review)</i>	- - -
3 Reviewer	<i>(Under review)</i>	- - -

Review Outcomes

Editor in charge of your submission: Dr. Zhiwei Cui <zhiwei.cui@gm.com> Last notified: 19/Mar/2021

Use **Editor/Author Comments** to communicate with Dr. Zhiwei Cui, ask about the review status of your submission; let the editor know that you have uploaded a revised version of your submission; provide further information; etc.

Editor/Author Comments

If you have any questions, please contact me.

Author Farikhin Farikhin

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Post-review version of file: [on-2021-318392-EV.pdf](#) 19/Mar/2021

Final Author's Version: [on-2021-318392-CV.pdf](#) 20/Apr/2021

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