THE MINIMUM DEMAND METHOD – A NEW AND EFFICIENT INITIAL BASIC FEASIBLE SOLUTION METHOD FOR TRANSPORTATION PROBLEMS

Reviewer 1: --

1. In several sections, sentences have spelling and grammar mistakes, which needs to be corrected.

2. In several sections sentences have a space problem, which needs to be corrected.

3. Proper sentence construction in several sections to be modified.

| Page No. | Actual                              | Suggested                           |
|----------|-------------------------------------|-------------------------------------|
| 1        | determine optimal solution          | determine the optimal solution      |
| 1        | transporting certain                | transporting a certain              |
| 1        | problems have                       | problems has                        |
| 1        | with least                          | with the least                       |
| 1        | in literature                       | in the literature                   |
| 1        | like north-west-corner              | like the north-west-corner          |
| 1        | solutions which are same            | solutions that are the same          |
| 1        | reduces number of tables and number | reduces the number of tables and the number |
| 1        | reduce number                       | reduce the number                   |
| 1        | optimal solution                    | the optimal solution                |
| 2        | is special                          | is a special                        |
| 2        | comprise of                         | comprise                            |
| 2        | First                               | The first                           |
| 2        | then second                         | then the second                     |
| 2        | find optimal                        | find an optimal                     |
| 2        | optimal solution of                 | optimal solutions to                |
| 2        | the Monge-Kantorovich               | Monge-Kantorovich                   |
| 2        | origin of transportation problem    | the origin of the transportation problem |
| 2        | role for                            | role in                             |
| 2        | for solution                         | for the solution                    |
| 2        | Stepping stone                      | Steppingstone                       |
| 3        | Similar                             | A similar                           |
| 3        | for optimal solution of             | for the optimal solution of         |

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| Line | Raw Text | Normalized Text |
|------|----------|-----------------|
| 3    | provided non-iterative | provide a non-iterative |
| 3    | on optimal | on an optimal |
| 3    | a high dimension problems | a high dimension problem |
| 3    | the transportation | transportation |
| 3    | taking penalty | taking the penalty |
| 3    | penalty each | penalty for each |
| 3    | solution of | solution to |
| 3    | taking penalty | taking the penalty |
| 3    | between minimum | between the minimum |
| 3    | transportation method | transportation methods |
| 4    | referred here as the minimum | referred here as the minimum |
| 4    | in context | in the context |
| 4    | from literature | From the literature |
| 4    | related with | related to |
| 4    | initial solution of transportation problem | initial solution of the transportation problems |
| 4    | whether solution | whether the solution |
| 4    | relating all | relating to all |
| 5    | source | sources |
| 5    | in transportation | in the transportation |
| 5    | motivated from | motivated by |
| 5    | in demand | in the demand |
| 5    | through exhaustive | through an exhaustive |
| 6    | simple adoptability | simple adaptability |
| 6    | Discussion | Discussion |
| 6    | as reference | as a reference |
| 6    | compute relative | compute the relative |
| 7    | of problem as number | of the problem as a number |
| 7    | of problem | of the problem |
| 8    | in | in |
| 8    | from particular | from a particular |
| 8    | is arrived | has arrived |
| 8    | are | is |
| 8    | The remaining | The remaining |
| 8    | the similar | the similar |
| 8    | a similar | a similar |
| 8    | Minimum | Minimum |
| 9    | was better | was better |
| 9    | LCM initial | LCM initial |
| 9    | method comparatively | method comparatively |
| 9    | as reference | as a reference |
| 9    | important to note that such | important to note that such |
| 9    | obtaining optimal | obtaining an optimal |
Comments to Editor:

1. After modifying the content, the paper can be accepted for possible publication.
Reviewer 2: --

1. Paper should be written in JMCMS Journal format.
2. References and in-text citations are not in JMCMS format. More references should be included and sequentially/adequately arranged, as cited in the text.
3. The authors are requested to rewrite the abstract, as this section does not properly depict the paper’s actual aim and objective.
4. All the equations should be typed only in the equation editor, and maintain a uniform size.
5. Authors are advised to add a comparative study with existing similar implementation.
6. Conflict of interest regarding the article should be mention in the text.

Comments to Editor:

1. After modifying the content, the paper can be accepted for possible publication.
Reviewer 3: --

1. Paper should be written in JMCMS Journal format.

2. References and in-text citations are not in JMCMS format. More references should be included and sequentially/adequately arranged, as cited in the text.

3. It is advised to the authors that they need to disclose their proposed method provides the amount of accuracy in abstract and conclusion.

4. The conclusion should be brief and short, which needs to specify the paper's aim and objective.

5. Conflict of interest regarding the article should be mention in the text.

Comments to Editor:

1. After modifying the content, the paper can be accepted for possible publication.

[Note: This is a computer-generated Report hence, no need for any Signature.]