



Date: 12.02.2014

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Ref. No.: DUJASE/Manuscript/127

Ref: Paper entitled "NECAMO-New Evolutionary Clustering Algorithm using Multiobjective Optimization."

Dear Sir,

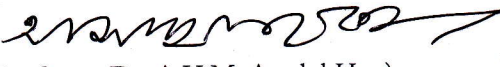
Please find enclosed a copy of the **reviewer's report** on the above paper.

A suitably modified manuscript following the reviewer's report may please be communicated, to the above mentioned office in duplicate, along with the original manuscript for publication. A note in duplicate may please be furnished indicating which of the modifications suggested by the referee have been taken care of and giving reasons for not complying with the other suggestions.

The following points should also be taken care of:

1. Attention may please be given to the corrections/modifications indicated in the enclosed manuscript while preparing the revised manuscript.
2. The title of the paper, authors' address, etc., along with the abstract may be typed on a separate sheet and furnished in duplicate.
3. The list of references should be prepared strictly following the style of the journal and may be typed on a separate sheet, and the missing details (indicated) should be completed.
4. The letter size in the illustrations may be made bigger so that it stands at least 2 mm after reduction.
5. Special mathematical symbols and notations should be clearly explained, super- and sub-scripts should be carefully typed. Capital and small letters, particularly of the same letters, as well as letters/symbols likely to be confused one for the other should be clearly distinguished.
6. Please indicate the correct orientations of the figures by (↑) to indicate top side or indicating left (L) or right (R) side for the figures as they should appear in the journal.
7. Please return the original manuscript along with the revised one and reviewer's comments at your earliest convenience.

Yours sincerely

 12-02-14
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Encl: Reviewer's Report & Original Manuscript

Review on: Ref no: DUJASE/Manuscript/127/2013

1. Interest and Originality

- The manuscript is of sufficient content and has originality. The paper presents a novel algorithm for clustering on the basis of multi-objectives. The performance analysis of the algorithms was carried out on both real life and synthetic data. The performance are compared with latest existing research and shown to exceed the existing research in terms of smoothing the output clusters.
- There are no serious notable errors in the content. However, the "Related Work" section is missing in the paper.

2. Effectiveness of results

- The obtained results are effective in the way that it is done on real life data and at the same time exceeds the performance of the existing research work.
- The values of the results reflect originality and it does not show data value only. However, the elitism, weighted sum approach and altering objective function tests should be carried out to test the goodness of fit of the obtained results.

3. Manuscript quality

- The manuscript is well written. However section 2 can be more concise as it elaborates the work of other research and does not highlight any contribution of the author.
- Section 2 is lengthy and should be shortened.
- The presentation of the paper will be even better if the following changes are made:
 - In Section 2.2 line 1, the word generic should be replaced by genetic.
 - In Section 3 line 1, "It" should not be the first word of a section.
 - In Section 3.1, the word "first" is used twice in the same sentence. Use of the same word in a single sentence should be avoided.
 - In Section 3.9, the structure of the first sentence should be changed, some more lines and paragraphs should be added to describe the section in a clear manner.
 - In section 5.1, paragraph 3, line 2, "shows" should be replaced by show.

4. Length

- The article exceeds 10 pages.

5. Suggestions for improvement

Together with the above suggestions, following suggestions should be incorporated in the paper.

- Short summary of the proposed algorithm and the obtained results should be given in the introduction.
- Sections like 5.1 consists of a single line before the sub-sections start. More descriptions should be added to those.
- Conclusion should consists of Future Work.
- Summary of results should be provided in the Conclusion.
- Related Work section must be added.