Response to first reviewer's corrections:

Regarding the merge of the literature and the introduction in a single section, reviewer number two has recommended the opposite. We have decided for clarity to keep the sections separate.

It has also been delimited in what sense it can be said that each algorithm and solution is optimal.

Figure two was replaced based on your comments.

The shortcomings of our work compared to other alternatives have also been added to the conclusions and methodology.

Extensive proofreading of the English language has been carried out using the help of a certified English language expert.