

Review of: "BMR and BWR: Two Simple Metaphor-Free Optimization Algorithms for Solving Constrained and Unconstrained Problems"

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Potential competing interests: No potential competing interests to declare.

The authors of this paper presented a study on developing a new meta-heuristic algorithm. It seems that the main contribution of the authors is to present the efficient techniques called "BMR and BWR". Computational experiments were conducted on 30 unconstrained standard benchmark optimization problems, including 5 recently developed benchmark problems with distinct characteristics.

The general comments are given below.

It is important to understand that the proposed BMR and BWR algorithms are not claimed as the "best" optimization algorithms available from all of the algorithms published in the optimization literature.

But, to show the performance of these two new algorithms, the Friedman test and ANOVA can be added to the comparison table. And, to demonstrate the advance of the new algorithms, benchmarks or different types of problems which have a large number of design variables can be added to the statistical data of the manuscript.

As a result, I believe that these algorithms can be useful to make effective optimizations.