Review of: "A Smart Vehicle Charging Station Identification Based On IOT with Hybrid Grey Wolf-Bat Optimization Enriched On Artificial Neural Networks Recognition Methods"

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Potential competing interests: No potential competing interests to declare.

This article discusses an optimization process for electric vehicle charging stations; however, the approach and rationale for using a managerial algorithm such as Grey Wolf Optimization needs to be clarified.

Consequently, to improve the document's quality, it is suggested to use Overleaf as a word processor. The figures can be made in Matlab or directly in Overleaf.

The algorithm must contain the pseudocode and the table of variables used.

There are no references in the state-of-the-art 2023. It is suggested to replace references lower than 2019.

There is no justification for using the Grey Wolf algorithm compared to heuristics such as TS, PSO, BCO, and ACO. The complexity of the number of variables that implies a heuristic process needs to be noted—no georeferenced scenario (OpenStreetMap + Matlab).

The optimization model is not presented that is intended to be minimized or that is intended to be maximized. Which scientific tool has been used, perhaps LPSolve, GAMS, or FicoXpress?

On the other hand, it is suggested that the authors order the document.
1.- Introduction (Generalities of the problem - 15 references between 2023-2019), 2.- Related Works (Specific works with punctual solutions, summary table of state of the art of other proposals against the current work - 5 references between 2023-2019), 3.- Problem Formulation and Methodology (methodology flowchart), 4. - Analysis of Results (Metrics performed in Matlab in PDF format or directly from Overleaf), 5.- conclusions (Direct relation between the objective stated in the abstract vs. the metrics found), 6.-References (All documents with DOI from ScienceDirect, MDPI, Wiley, PLOS, SAGE, Taylor & Francis, Springer, Hindawi, IEEE Xplore [transactions, magazines, journals]).