

Review of: "Design of an intelligent controller for improving the solar system efficiency"

Mohsen Kia¹

¹ Niroo Research Institute

Potential competing interests: No potential competing interests to declare.

- The nomenclature should be added in the first section of the paper (Before starting the introduction section).

All parameters and abbreviation should be defined in the nomenclature. The nomenclature table need to be sorted in alphabetic order.

- Some of the references are old, please add new references to enrich the literature survey. Literature review must be enhanced and updated in the introduction section. Most of the references are very old papers and should be replaced with recent papers (2019-2023). The authors should be investigate 10-15 new references in the introduction section by the proposed subject! and add a Table for comprising this paper and literatures.

- I suggest the authors can be used in five sections instead of using 4 sections for presentation of this paper.

Sections: 1-Introduction, 2-Modelling, 3-Proposed algorithm, 4-Simulation result, 5-Conclusion

- Improving the Introduction Section

- Better explanation on the contribution of the proposed work. The main contribution of the paper should be highlighted and emphasized. It would be great if the drawbacks and gaps of literature are clear and, particularly, how the proposed approach aims at filling these gaps.

- Comparative assessment of the proposed work. The proposed optimization algorithm should be compared.

- A separate section should be added for discussion of obtained results and main achievements.

- References should be prepared according to the referencing style.

- The objective, methodology and especially the result should be better described, discussed and justified.

- The results should be expanded significantly and quantitatively.