

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

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Potential competing interests: No potential competing interests to declare.

1- The paper contains some grammatical, type, and spelling errors, as well as numbering errors, it is of great significance to check out the English of the whole paper as much as it is necessary to remove all grammatical errors and provide all the necessary punctuation tools to link the sentences as well.

2- The algorithms addressed in this article have been previously covered in existing literature. Consequently, the content does not contribute substantially to the current body of knowledge in the field. Therefore, it is suggested that the article may not be suitable for publication in its current form.

3- Some effective statistical results that show the accuracy of the best proposed machine learning models should be added to the abstract.

4. In the review section; I would recommend strengthening your literature review by adding recent papers studying innovative hybrid combinations of machine learning algorithms.

5- The limitations of the previous design optimization studies and AI models in the summarized literature should be further deeply discussed. Please explain to highlight the novelty of the paper.

6- A detailed diagram of the of the proposed systems and its related processing components is highly needed to present.

7- Please provide a clear case study, how you applied the proposed methodology to solve it.

8- The quality of Figures are not clear.