

# 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.

It's a good effort put by authors, and of course need of an hour.

Authors presented a simulation model, employed for this research work, is implemented using Matlab/Simulink. a detailed comparison between the classic Perturb and Observe P.O algorithm and an other intelligent based on the fuzzy algorithm is conducted to assess MPPT accuracy.

It is a simulation work. Authors need to clarify and implement following points before considering it to be suitable as a journal paper.

1. Why MPPT as for as solar based sustainable energy system is concerned?
2. Study articles such as DOI: [10.1049/iet-gtd.2019.0021](https://doi.org/10.1049/iet-gtd.2019.0021) or doi: 10.1063/5.0019254
3. Mention about type of Fuzzy logic applied? Type- 1 or Type-2 and why?
4. Focus on novelty part of the paper, and fetch some comparative analyses with existing contributions to strengthen the paper.