

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 present more of a description of a solar system, and some classical methods to control mppt algorithm such as Perturb and Observe, and Fuzzy Logic, the explanation of how they work were thorough and satisfying but did not incorporate any novelty or optimization in that regard.
2. Comparison with latest state of the art papers was not complete and not up to date.
3. Also simulation results present high oscillations in the output power which mean that the working parameters of the boost converter were not optimal.
4. the paper treated a scenario that is now well studied in literature with at least no overall comparison with other methods used such as ANN, Metaheuristic algorithms, sliding mode ...
5. the trade now is working on scenarios of partial shading which is not mentioned in this paper.