

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. I would recommend to shorten the abstract, presenting the essence of the work and a few key results instead of sentences " The findings demonstrate that the proposed model is characterized by simplicity and the capability to simulate diverse operating conditions".
2. I recommend the authors enhance " Figure1. Photovoltaic system with fuzzy logic/ P&O control for MPPT" with a flowchart diagram to show the proposed system.
3. I recommended the authors to improve the presentation of "Figure1. Photovoltaic system with fuzzy logic/ P&O control for MPPT" by using designing programs
4. The choice of methods for the literature review does not convince me - there are many voices in the intelligent controller, the only innovation of which is the presentation of new nomenclature. I am afraid that some of the methods you have presented may be counted among them. However, there are no classic techniques. Additionally, the improved approach used in the name has not been explained, and I miss the reference to improved algorithms. One should also pay attention to the level of complexity of the proposed approach, making it difficult to implement.
5. The results of " Figure 7. Effect of the MPPT fuzzy control on the PV power " , " Figure 8. Effect of the MPPT fuzzy control on the PV voltage " , " Figure 9. Effect of the MPPT Fuzzy control on the PV current" need improved and should be compared with previously published papers.
6. There is no discussion and analysis for simulation results.
7. The authors must support the conclusion section by results