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.

- Comparative analysis of P&O and FLC for MPPT demonstrates the superiority of FLC.
- FLC consistently shows better time response and MPPT values under various operational conditions.
- FLC is identified as a promising and reliable approach for optimizing the efficiency and accuracy of PV systems.**Suggestions for Improvement:**

Further Discussion on Results:

- The paper provides simulation results, but a more detailed discussion and analysis of the findings could enhance the paper.

Comparison with Other Intelligent Controllers:

- While the paper focuses on the comparison between P&O and FLC, discussing how FLC compares with other intelligent controllers mentioned in the introduction could add depth.

Real-world Implementation Considerations:

- Discussing real-world implementation challenges and considerations for both P&O and FLC could provide practical insights for researchers and practitioners.

Citations:

- Ensure that relevant studies and developments in the field, especially those related to fuzzy logic in MPPT, are appropriately cited.

Graphical Representation:

- The paper extensively uses graphical representations. Adding more labels and captions to figures would improve the clarity of the presented data