

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

Noamane Ncir¹

¹ Université Abdelmalek Essadi

Potential competing interests: No potential competing interests to declare.

Dear authors,

Upon thorough review, I regret to inform you that several areas need significant improvement to meet the publication standards. Below are the key observations and suggestions for enhancement:

- The proposed work lacks substantial contribution to the field of MPPT techniques. There are numerous established studies that showcase more accurate results compared to those presented in your paper.
- The quality of figures in the paper is subpar. I highly recommend utilizing formats such as .svg or .eps to enhance the clarity and resolution of the visual data presented.
- To strengthen your paper, it's essential to conduct a comparative analysis, enhancing both qualitative and quantitative results, with novel MPPT approaches available in the field.
- A crucial aspect missing from the paper is a thorough comparison of the computational complexities of all described techniques. This addition would significantly enrich the analysis and understanding of the methods.
- An integral addition would be a table describing the efficiency, response time, stability states, obtained power in contrast to the maximum power of PV panels, and other pertinent parameters for a comprehensive analysis.

We encourage you to address these points and revise your paper accordingly. Your revisions should significantly strengthen the novelty and contribution of your work to merit consideration for publication.

Thank you for considering these suggestions.