

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

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The article, while comprehensive in its exploration of Maximum Power Point Tracking (MPPT) techniques, exhibits certain drawbacks. Firstly, it predominantly emphasizes the superiority of the Fuzzy Logic Controller (FLC) without delving into potential drawbacks or scenarios where FLC might not be the optimal choice. Additionally, the simulations conducted using Matlab/Simulink are acknowledged, but the article lacks a discussion on the tool's limitations and the importance of real-world validation. The assumption of a certain level of expertise in the field, especially in the detailed explanation of the Fuzzy Logic Algorithm, may pose a challenge for readers without a background in control systems. Furthermore, the absence of recent references and a discussion on potential cost implications associated with implementing FLC versus simpler control methods like Perturb and Observe could impact the article's relevance and practical applicability.