

Review of: "Grid-secluded Induction Generator with ANN and Intreval Type-2 Fuzzy based Controller for Wind Power Generation with Smart Load Control"

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Potential competing interests: No potential competing interests to declare.

In the reviewer's opinion, the paper could have been more interesting and better organised. In general, the overall contribution remains scientifically poor and technically questionable. In more detail, the paper's title is quite unclear, as for its Abstract, since they should have avoided the use of acronyms and technical terms, which reduce their readability. The keyword list needs to be improved. Section I cites many references, but it does not provide a sufficiently exhaustive overview and critical discussion of the state of the art of the related literature. As further remark, the end of Section I should have summarised the general structure of the manuscript by briefly listing the contents of its sections. Section II should have addressed more details regarding the considered models and tools; in particular, it does not consider the robustness and reliability issues, due for example to uncertainty and disturbance effects, as well as the model-reality mismatch. This point is fundamental when the reliability and robustness features of the proposed solutions have to be verified and validated with respect to real engineering and safety critical systems. Therefore, the effectiveness of the methodology proposed in Section III remains unclear and questionable. The authors should have helped the reader to understand the novelty issues of the developed scheme. Due to these flaws, the results considered in Section IV do not help the reader to understand the effectiveness and the efficacy of the proposed solutions. The authors reported many pictures. However, more effective metrics and performance indices should be exploited to assess the advantages of the developed techniques. Finally, Section V does not suggest effective open problems and future issues that could require further investigations. On the other hand, the use of acronyms and should have been avoided also here, as it should remain a stand-alone part of the manuscript.