

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

Prakash Chandra Sahu¹

1 IIT@Harvard

Potential competing interests: No potential competing interests to declare.

- 1. In abstract give some quantitative analysis.
- 2. Introduction section should be categories as literature review, motivation, research gap and your contribution.
- 3. Add more key words.
- 4. Focus detailed mathematical modelling of the type-2 fuzzy controller.
- 5. Why it is called interval type-2 fuzzy controller?
- 6. Check the caption of Figure 13. specially Y-axis
- 7. Robust quality of the type-2 fuzzy controller will be checked.
- 8. Conclusion is missing prospective numerical analysis
- 9. Fig.16 is not clear
- 10. ADD following articles on type-2 fuzzy controller in the reference list
- 11. (A) Improved-salp swarm optimized type-II fuzzy controller in load frequency control of multi area islanded AC microgrid. Sustainable Energy, Grids and Networks, 16, 380-392
- 12. (B) Approaching hybridized GWO-SCA based type-II fuzzy controller in AGC of diverse energy source multi area power system. *Journal of King Saud University-Engineering Sciences* 32(3), 186-197.
- 13. (C) Improved-GWO designed FO based type-II fuzzy controller for frequency awareness of an AC microgrid under plug in electric vehicle. *Journal of Ambient Intelligence and Humanized Computing*, 12, 1879-1896.
- 14. (D) Automatic generation control of diverse energy source-based multiarea power system under deep Q-network-based fuzzy-T2 controller. *Energy sources, part a: recovery, utilization, and environmental effects*, 1-22.
- 15. (E) Power Generation Monitoring of a hybrid Power System with I-GWO designed trapezoidal type-II fuzzy Controller. *International Journal of Modelling and Simulation*, *42*(5), 797-813.
- 16. (F) Load frequency control of a diverse energy source integrated hybrid power system with a novel hybridized harmony search-random search algorithm designed Fuzzy-3D controller. *Energy Sources, Part A: Recovery, Utilization, and Environmental Effects*, 1-22.