

Review of: "Neuro-Fuzzy-Based Adaptive Control for Autonomous Drone Flight"

Javad Keighobadi¹

¹ Shahrood University of Technology

Potential competing interests: No potential competing interests to declare.

In this manuscript, the design, development, and application of an intelligent adaptive hybrid controller is proposed to control and stabilize the drone. As a general comment, there exist several challenges that should be tackled by the authors:

1. The main difficulties and the motivation should be clarified in the introduction section.
2. To highlight the contributions, a comparative table should be added to the related works section by considering various features.
3. The adopted assumptions and Lemmas should be added to the manuscript.
4. The stability analysis should be discussed.
5. The resolution of the figures should be improved.
6. A guideline should be added for choosing the control parameters.
7. A block diagram should be added to clarify the connection between each part of the control design.
8. The experimental setup should be added to the experimental result. In addition, a flowchart is required to show how the proposed control has been implemented in practice.
9. The modeling should be distinct from the proposed controller as a new section.
10. English should be overviewed throughout the manuscript.