

Interactive comment on “Hybrid adaptive control for variable-speed variable-pitch wind energy systems using general regression neural network” by Xiuxing Yin

Anonymous Referee #1

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This paper presents a novel hybrid adaptive control approach for the variable speed-variable pitch (VS-VP) semidirect driven WECS by combining pitch control with variable generator torque regulation in different operating regions. This paper has some interesting aspects and merits, but needs major revisions. 1. In the introduction section, the literature review is rather old, the authors need to update this by adding new literature. 2. The WECS modelling section is so common, the authors need to eliminate some content to make this section concise. 3. The control strategies section also has the same problems, the authors need to address this problem. 4. Please outline the main new contributions of your paper. 5. The test results seem interesting, the authors may need to present more about this test.

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