

## Supporting Materials

The File "SupportingMaterials" contains the Matlab codes of the APDOB optimized by our proposed method "Fuzzy\_APDOB100.mat" and the comparison methods "Comparison\_APDOB100.mat".

You can use them to recurrent the simulation results shown in our submission paper.

We hope these supporting materials can help you to valuation our work better!

Considering our paper have been not accepted yet, the code about the searching process does not provides.

### Fuzzy\_APDOB100.mat

You can run Fuzzy\_APDOB100.mat to obtain the simulation results of the proposed method provided in our paper.

The information of the fuzzy controller auto-designed by the DE algorithm can be found in "Data/FuzzyControllerOptimizedByDE.fis".

### Comparison\_APDOB100.mat

You can run it to obtain the simulation results of the comparison methods.