Abstract

Among the Artificial Intelligent (AI) technique, Neural Network (NN) is emerging technology that is advancing rapidly and having impact on many scientific and engineering applications. In this paper, NN apply on Asymmetric Cascaded Multilevel Inverter (ACMLI), in order to improve the controller easier to construct, simpler and better performance. To verify these goals, the system simulated based on Matlab Simulink after the NN controller build using m-file program. The simulation results show that the goals can realized.

Reference

Neural Network Controller for Asymmetric Cascaded Multilevel Inverter


Index Terms

Computer Science  Power Systems
**Key words**

Neural network  
Asymmetric Cascaded Multilevel Inverter  
performance