Learning Rates in Generalized Neuron Model for Short Term Load Forecasting

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Abstract

In this paper, Short Term Load Forecasting (STLF) can be applied using Generalized Neuron Model (GNM) for under sum square error gradient function for different learning rates, with various training epochs and constant leaning rate, by having 30,000 training epochs. The simulation results were the root mean square testing error, maximum testing error, minimum testing error were predicted.

References

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Index Terms

Computer Science

Artificial Intelligence
Keywords
Sum Squared Error Gradient  Generalized Neuron Model  Short Term Load Forecasting