Abstract

This work presents a prediction of control chart pattern using a Neural Network Multilayer. A Multilayer model configuration of one hidden layer with nonlinear sigmoid activation and the Bayesian algorithm, is used. Good results with hay accuracy obtained shows that the neural network is performant to predict the control chart pattern.

References

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Improved Multi-Layer Perceptron for Recognition of Control Chart Pattern


Index Terms

Computer Science Artificial Intelligence

Keywords

Neural Network, Multi-Layer Perceptron (MLP), Control Charts, Control Charts Pattern (CCP)