Abstract

Back propagation is most widely used in neural network projects because it is easy to train and for its accuracy. Back propagation learning algorithm consists of two facets, the first one generate the input pattern of the network and the another one to adjust the output through altering the weights of the network. The back propagation algorithm can be for predicting rainfall. This paper materialize training, testing of data set and detecting the hidden neuron in the network. In this research, rainfall prediction in the region of DELHI (India) has been analyzed using neural network back propagation algorithm. Three layer model has been used for training and studying different attributes of the hidden neurons in the network.

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\textbf{Index Terms}

Computer Science

Networks
Keywords
Back-propagation  Artificial neural network  Prediction  Rainfall  Feed forward network.