Implementation of RSA with Feed-forward Neural Network using MATLAB

Abstract

In this paper the RSA algorithm has been implemented with feed forward artificial neural network using MATLAB. This implementation is focused on the network parameters like topology, training algorithm, no. of hidden layers, no. of neurons in each layer and learning rate in order to get the more efficient results. Many examples are tested and it is obtained that two hidden layers feed forward neural network architectures will lead to optimal solution. Our goal in this paper is to obtain the minimum training time and minimum number of training iterations using the proposed optimal solution.

References

2. Ciampi Antonio and Zhang Fulin, “A new approach to training back-propagation artificial


Index Terms

Computer Science

Networks

Keywords

RSA, Neural Network