Multi-Layer Feed-Forward Modular Network for Induction Motor

Pradeep Chatterjee, MIEEE* B.M. Karan, MIEEE† P.K. Sinha†

*TATA Engineering (on sponsored leave at B.I.T. Mesra, Ranchi), India

† Department of E.E.E, B.I.T. Mesra, Ranchi, India

*E-mail: pchats@ieee.org

ABSTRACT

Multi-layer feed-forward (MLFF) network has been implemented in various fields of engineering applications. A multi-layer feed-forward modular (MLFFM) network has been developed for better performance of feed-forward neural networks. The MLFFM network has been implemented in an induction motor application and the results have been compared with a MLFF network.