## Functionality of multi-layer Boolean neural networks

R Al-Alawi and TJ Stonham (1989)

IEE Electronics letters, Vol. 25, No. 10, P. 65

## Abstract

The authors present a method for calculating the functionality of a multilayer neural network (MLN) using logical nodes. The method is demonstrated with reference to six network topologies, and a cost/functionality ratio is proposed as an assessment metric for MLNs.