Abstract

Neural networks are simplified models of the biological neuron system. A neural network is a massively parallel distributed system made up of highly interconnected neural computing elements that have the ability to learn and thereby acquire knowledge and make it available for use. ANN's, like people, learn by example. This paper gives overview of artificial neural networks, their working, architecture, learning methods, how one can create and train their own
neural network using MATLAB, and their applications.

References

- M. A. Kon and L. Plaskota, “Neural Networks, Radial Basis Functions, and Complexity.”
Index Terms

Computer Science

Algorithms

Keywords

Ann  Matlab  Activation Function  Training Function