

# Recommend Readings of Neural Networks

2011 年 10 月 15 日

## 1 前向多层神经网络

1. G.B. Huang, Extreme learning machine: Theory and applications. [1]
2. Nan-ying Liang, GB Huang, A Fast and Accurate Online Sequential Learning Algorithm for Feedforward Networks. [2]
3. Sweatman, Two algorithms for neural network design and training with application to channel equalization. [3]
4. A. Waibel, Phoneme Recognition: Neural Networks vs. Hidden Markov Models. [4]
5. Kavak, Using adaline neural network for performance improvement of smart antennas in TDD wireless communications. [5]
6. Ludermir, An Optimization Methodology for Neural Network Weights and Architectures. [6]

## 2 Hopfield神经网络

1. Designing asymmetric Hopfield-type associative memory with higher order hamming stability. [7]
2. An artificial neural-based A/D converter using asymmetric Hopfield network. [8]
3. Design of Hopfield content-addressable memories. [9]

### 3 径向基神经网络

1. Lu Yingwei, A Sequential Learning Scheme for Function Approximation Using Minimal Radial Basis Function Neural Networks. [10]
2. G.B. Huang, A Recursive Growing and Pruning RBF (GAP-RBF) Algorithm for Function Approximations. [11]
3. G.B. Huang, An efficient sequential learning algorithm for growing and pruning RBF (GAP-RBF) networks. [12]
4. G.B. Huang, A generalized growing and pruning RBF (GGAP-RBF) neural network for function approximation. [13]

### 4 自组织神经网络

1. Gail A. Carpenter, ART 2: self-organization of stable category recognition codes for analog input patterns. [14]
2. T. Frank, Comparative analysis of fuzzy ART and ART-2A network clustering performance. [15]
3. M.H. Wang; Extension neural network and its applications. [16]
4. M.H. Wang; Extension neural network-type 2 and its applications. [17]

### 参考文献

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