

# Best Paper Awards of ANNIE 1994

## BEST THEORETICAL DEVELOPMENT PAPER WINNERS

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### Best Paper

#### A Wavelet Neural Network for Function Approximation and Network Optimization

Kunikazu Kobayashi and Toyoshi Torioka  
Department of Computer Science and Systems Engineering  
Faculty of Engineering, Yamaguchi University  
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### First Runner-Up

#### Theory of Hybrid Artificial Neural Networks Model with Magnetic Field Information

Haibin Liu and Yukinori Kakazu  
Dept. of Precision Engineering, Faculty of Engineering  
Hokkaido University, N13-W8, Sapporo 060, JAPAN

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### Second Runner-Up

#### Feed-Forward Neural Architectures for Membership Estimation and Fuzzy Classification

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