

# Best Paper Awards of ANNIE 1997

## THEORETICAL DEVELOPMENTS IN TECHNIQUES AWARD

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### Best Paper

Towards Finding the "Best" Representation for a  
Feedforward Neural Network

Farqad AlKhal, F.T. Sparrow  
School of Industrial Engineering  
Purdue University, Indiana

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### First Runner-Up

Nested Adaptive Neural Network: A New Architecture

Jamshid Ghaboussi, M. Zhang, Xiping Wu, D. Pecknold  
Department of Civil Engineering  
University of Illinois at Urbana-Champaign, Illinois

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### Second Runner-Up

Prediction Based Reinforcement Learning for Dynamic Environment

Sadayoshi Mikami  
Chaotic Systems Engineering  
Hokkaido University, Sapporo, JAPAN

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