

Best Paper Awards of ANNIE '98

ANNIE 98 - Theoretical Developments in Techniques Award

Best Paper

An Application of Razumikhin Results for Nonlinear Uncertain Delay
Difference Fuzzy Control Systems

A. S. C. Sinha, J. Ramos, S. Lyshevski
Department of Electrical Engineering
Purdue University, Indiana

First Runner-Up

Numerical Stability Analysis of a Fuzzy Controller

Paul Mason, Kim Reisinger, Neil Petroff, Kevin Walchke
Department of Mechanical Engineering
University of Florida

Second Runner-Up

Determining the Memory Capacity of an Elman
Recurrent Neural Network

Kelly Greene, Kenneth Bauer, Mathew Kabrisky,
Steven Rogersand, Glenn Wilson
Air Force Institute of Technology
Wright Patterson AFB, Ohio

ANNIE '98 - Novel Engineering Application Award

Best Paper

Self-Organization of a Heterogeneous Sensor Network by Genetic Algorithms

Anna Buczak, Vikran Jamalabad
Allied Signal Inc.

First Runner-Up

Range Sensor Calibration Using a Neural Network

George Knopf, Jonathan Kofman
Mechanical and Materials Engineering
University of Western Ontario, Canada

Second Runners-Up

Autonomous Acquisition of Adaptive Behavior for Distributed Floating Robot Based on AHC Method

Daisuke Iijima, Wenwei Yu, Hiroshi Yokoi, Yukinori Kakazu
Laboratory of Autonomous Systems Engineering
Hokkaido University, Japan