



IEEE TRANSACTIONS ON

SYSTEMS, MAN, AND CYBERNETICS

A PUBLICATION OF THE IEEE SYSTEMS, MAN, AND CYBERNETICS SOCIETY

DECEMBER 1995

VOLUME 25

NUMBER 12

ISYMAW

(ISSN 0018-9472)

PAPERS

How the Testing Techniques for a Decision Support System Changed Over Nine Years... A. T. Bahill, K. Bharathan, and R. F. Curlee 1533
Adaptive Image Segmentation Using a Genetic Algorithm... B. Bhanu, S. Lee, and J. Ming 1543
Real-Time Eye Feature Tracking from a Video Image Sequence Using Kalman Filter... X. Xie, R. Sudhakar, and H. Zhuang 1568
Direct Adaptive Regulation of Unknown Nonlinear Dynamical Systems via Dynamic Neural Networks... G. A. Rovithakis, and M. A. Christodoulou 1578
Optimal Supervision of Discrete Event Systems in A Temporal Logic Framework... D. Ionescu and J.-Y. Lin 1595
Fuzzy Model-Reference Adaptive Control... T.-K. Yin, and C. S. G. Lee 1606
An Extended Finitely Recursive Process Model For Discrete Event Systems... S. Bose and S. Mukhopadhyay 1616

CORRESPONDENCE

Localization Uncertainty in Area-Based Stereo Algorithms... B. Völpel and W. M. Theimer 1628
A Global Optimization Method for the Stackelberg Problem with Convex Functions via Problem Transformation and Concave Programming... K. Shimizu and M. Lu 1635
theta(1) Time Quadtree Algorithm and Its Application for Image Geometric Properties on a Mesh Connected Computer (MCC)... J. Elmesbahi, O. Bouattane, and Z. Benabbou 1640
Time-Optimal Motion of a Cooperating Multiple Robot System Along a Prescribed Path... H. K. Cho, B. H. Lee, and M. S. Ko 1648
Repeatable Pseudoinverse Control for Planar Kinematically Redundant Manipulators... C. A. Klein and S. Ahmed 1657

1995 INDEX... Follows page 1662