

INTERNATIONAL JOURNAL OF ADVANCES IN THERMAL SCIENCES AND ENGINEERING

VOLUME 7

NUMBER 2

DECEMBER 2016

Contents

- Fast Determination of Available Transfer Capability by ANFIS 79-87
Mohammad Reza Salimian
- Static Output and Dynamic Observer-based Guaranteed Cost Controls of Uncertain Linear Systems 89-96
*Long-Yeu Chung, Chang-Hua Lien, Ker-Wei Yu
Min-Han Liu, and Chun-Hsien Chen*
- Global Chaos Control of Hyperchaotic Liu System via Sliding Control Method 97-103
Sundarapandian Vaidyanathan
- Modeling and Control of an Autonomous Mobile Robot 105-134
Witold Pawlus and Hamid Reza Karimi
- Intelligent Image Tracking Robot Control 135-151
Yuan-Wei Tseng and Kuo-Hsuan Huang
- PID and LQR Controller Design for a SAS System with Magneto-rheological Damper 153-167
*K. M. Iromi, U. Ranaweera, K. A. C. Senevirathne
Mussie Kiros Weldeab and H. R. Karimi*
- The Implementation of Temperature Controller by PSoC 169-174
Wen-Bin Lin and Yi-Yu Lu
- Non-fragile Stochastic Fuzzy Control Design for Nonlinear Systems with Mixed Discrete and 175-185
Distributed Time Delays
Bahador Makki and Baharak Makki

