Table of Contents

The Theory of Fuzzy Sets: Beliefs and Realities **1**

Hemanta K. Baruah

A Belief-Based Multi-Agent Markov Decision Process for Staff Management **23**

Philip H.P. Nguyen, Minh-Quang Nguyen, Ken Kaneiwa

Discovering Hidden Parameters' Estimates in Operation of an Innovative Electric Arc Furnace by applying Optimization Techniques **40**

Khan Muhammad Badruddin , Isao Yagi, Takao Terano

Header Compression Method and Its Performance for IP over Tactical Data Link **61**

Yongkoo Yoon, Suwon Park, Hyungkeun Lee, Jong Sung Kim, Seung Bae Jee

Packet Data with Truncated Power Control and Truncated ARQ in Presence of Soft Handoff **78**

Sanjay Dhar Roy, Sumit Kundu

A Taxonomy of Communication from Design Perspective **93**

Tao Luo, Younghwan Pan, Jihong Jeung

A Study on the Development of Multiple Objects Extraction System Using Difference Image Edge Information **108**

Na-Ra Shin, Kicheon Hong