### Horia-Nicolai Teodorescu Editor

# Intelligent Systems

Fuzzy Systems, Neural Networks, Genetic Algorithms, Heuristics, and Nonlinear Systems

## Selected papers of the ECIT 2004 Conference

Performantica Press Iași 2004

#### **Contents**

### **Natural Language and Speech Technology**

Marcu's Clause-like Discourse Segmentation Algorithm and Clause Segmentation-based Parsing Neculai Curteanu, Dan Gâlea, Cristina Butnariu, Cecilia Bolea	59
Evolutionary Detection of Rules for Text Categorization. Application to Spam Filtering Cătălin Stoean, Ruxandra Gorunescu, Mike Preuss, Dan Dumitrescu	87
A Proposed Parallel Model for Extracting and Traslating Query Keywords for Bilingual Information Retrieval Mohamed Nour	97
Isolated Word Recognition Engine implemented on Java <sup>TM</sup> Platform Corneliu Burileanu, Vladimir Popescu	117
Modeling Formantic Transitions in Klatt Speech Synthesizer Vasile Apopei, Doina Jitcă, Florin Grigoraș	137
Some Particilarities of Speech Recognizers Building Process  Eugeniu Oancea, Doru Munteanu	149