PREFACE

ITHEA Publishing House is official publisher of the works of the members of the ITHEA International Scientific Society. The scope of the ITHEA International Book Series “Information Science and Computing” (IBS ISC) covers the area of Informatics and Computer Science. It is aimed to support growing collaboration between scientists from all over the world.

IBS ISC welcomes scientific papers and books connected with any information theory or its application. IBS ISC rules for preparing the manuscripts are compulsory. The rules for the papers and books for IBS ISC are given on www.ithea.org. Responsibility for papers and books published in IBS ISC belongs to authors.

This issue contains a collection of papers that concern actual problems of research and application of information technologies, especially the new approaches, models, algorithms and methods of artificial intelligence to be used in business and engineering applications. Main topics which are included in the issue are:

- Natural Language Processing
- Automated Transformation of Algorithms
- Agent and Multi-agent Systems
- Image Processing
- Business Applications
- E-learning Systems
- Petri Nets’ Models

We express our thanks to all authors of this collection as well as to all who support its publishing.

Rzeszow – Sofia
September 2011

G. Setlak, K. Markov