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PREFACE

ITHEA International Scientific Society (ITHEA ISS) is aimed to support growing collaboration between scientists from all over the world. The scope of the books of the ITHEA ISS covers the area of Informatics and Computer Science. ITHEA ISS welcomes scientific papers and books connected with any information theory or its application. ITHEA ISS rules for preparing the manuscripts are compulsory. ITHEA Publishing House is the official publisher of the works of the ITHEA ISS.

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This book maintains articles on actual problems of research and application of information technologies, especially the new approaches, models, algorithms and methods fot information modeling of knowledge in: Intelligence metasynthesis and knowledge processing in intelligent systems; Formalisms and methods of knowledge representation; Connectionism and neural nets; System analysis and sintesis; Modelling of the complex artificial systems; Image Processing and Computer Vision; Computer virtual reality; Virtual laboratories for computer-aided design; Decision support systems; Information models of knowledge of and for education; Open social info-educational platforms; Web-based educational information systems; Semantic Web Technologies; Mathematical foundations for information modeling of knowledge; Discrete mathematics; Mathematical methods for research of complex systems.

It is represented that book articles will be interesting for experts in the field of information technologies as well as for practical users.

The book is recommended for publication by the Scientific Concil of the Institute of Information Theories and Applications FOI ITHEA.

Papers in this book are selected from the ITHEA ISS Joint International Events of Informatics "ITA 2010":

CFDM	Second International Conference "Classification, Forecasting, Data Mining"
i-i-i	International Conference "Information - Interaction - Intellect"
i.Tech	Eight International Conference "Information Research and Applications"
ISK	V-th International Conference "Informatics in the Scientific Knowledge"
MeL	V-th International Conference "Modern (e-) Learning"
KDS	XVI-th International Conference "Knowledge - Dialogue - Solution"
CML	XII-th International Conference "Cognitive Modeling in Linguistics"
INFOS	Thirth International Conference "Intelligent Information and Engineering Systems"
NIT	International Conference "Natural Information Technologies"
GIT	Eight International Workshop on General Information Theory
ISSI	Forth International Summer School on Informatics

ITA 2010 took place in Bulgaria, Croatia, Poland, Spain and Ukraine. It has been organized by

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We express our thanks to all authors, editors and collaborators as well as to the General Sponsor.

The great success of ITHEA International Journals, International Books and International Conferences belongs to the whole of the ITHEA International Scientific Society.

Kiev – Sofia September 2010