

TABLE OF CONTENTS

<i>Krassimir Markov</i> Multi-Domain Information Model	303
<i>Andrey Zagoruiko and Nikolay Zagoruiko</i> Algorithm BIDIMS for Automated Systematization of Data Array. Case Study: Rediscovering Mendeleev's Periodic Table of Chemical Elements.	309
<i>Petro Gopych</i> Sensitivity and Bias within the Binary Signal Detection Theory, BSDT	318
<i>Adil Timofeev</i> Adaptive Control and Multi-agent Interface for Infotelecommunication Systems of New Generation.....	329
<i>Arthur Pchelkin</i> General Aspects of Constructing an Autonomous Adaptive Agent	337
<i>Frank Brown</i> Representing "Recursive" Default Logic in Modal Logic	345
<i>Frank Brown</i> On the Relationships Among Quantified Autoepistemic Logic, its Kernel, and Quantified Reflective Logic.....	354
<i>Frank Brown</i> Methods for Solving Necessary Equivalences	362
<i>Alexander Dokukin and Oleg Senko</i> About New Pattern Recognition Method for the Universal Program System "Recognition"	371
<i>Dimitrina Polimirova–Nickolova</i> Analysis of Security in Archiving	375
<i>Valentina Dyankova and Rositza Hristova</i> Realization of Open Addressing Hash Table in the Chained Allocated Memory	381
<i>Tsvetanka Kovacheva</i> Mathematical Packages for Teaching and Research in Internet – Application and Information Support	387
<i>Todorka Kovacheva</i> Extended Executive Information System (EEIS)	394
<i>Georgi Stoilov, Nikola Mechkarov, and Peter Sharlandjiev</i> Information Modelling of Two-Dimensional Optical Parameters Measurement	401
<i>Todor Todorov</i> Spread Spectrum Watermarking Technique for Information System Securing	405
<i>Stoyan Poryazov</i> The B-Terminal Busy Probability Prediction	409
Content of IJ ITA Vol.11 and Authors' Index	416