

## TABLE OF CONTENTS OF VOLUME 2, NUMBER 1

Preface .....	3
Informational Model of Natural Language Processing.....	5
<i>Aleksandr Palagin, Viktor Gladun, Nikolay Petrenko, Vitalii Velychko, Aleksey Sevruk, Andrey Mikhailyuk</i>	
Hardware-based and Software-based Security in Digital Rights Management Solutions .....	7
<i>Maria Nickolova, Eugene Nickolov</i>	
Management of Information on Program Flow Analysis.....	11
<i>Margarita Knyazeva, Dmitry Volkov</i>	
Knowledge-Based Approach to Document Analysis .....	17
<i>Elena Sidorova, Yury Zagorulko, Irina Kononenko</i>	
An Effective Method for Constructing Data Structures Solving an Array Maintenance Problem .....	23
<i>Adriana Toni, Angel Herranz, Juan Castellanos</i>	
Interval Prediction Based on Experts' Statements.....	29
<i>Gennadiy Lbov, Maxim Gerasimov</i>	
The Experience of Development and Application Perspectives of Learning Integrated Expert Systems in the Educational Process.....	33
<i>Galina Rybina, Victor Rybin</i>	
A Circuit Implementing Massive Parallelism in Transition P Systems .....	35
<i>Santiago Alonso, Luis Fernández, Fernando Arroyo, Javier Gil</i>	
A Hierarchical Architecture with Parallel Communication for Implementing P Systems .....	43
<i>Ginés Bravo, Luis Fernández , Fernando Arroyo, Juan A. Frutos</i>	
Static Analysis of Usefulness States in Transition P Systems.....	49
<i>Juan Alberto Frutos, Luis Fernandez, Fernando Arroyo, Gines Bravo</i>	
Delimited Massively Parallel Algorithm Based on Rules Elimination for Application of Active Rules in Transition P Systems.....	56
<i>Francisco Javier Gil, Luis Fernández, Fernando Arroyo, Jorge Tejedor</i>	
Researching Framework for Simulating/Implementating P Systems.....	61
<i>Sandra Gómez, Luis Fernández, Iván García, Fernando Arroyo</i>	
Grid Infrastructure for Satellite Data Processing in Ukraine .....	69
<i>Natalia Kussul, Andrii Shelestov, Mykhailo Korbakov, Oleksii Kravchenko, Serhiy Skakun, Mykola Ilin, Alina Rudakova, Volodymyr Pasechnik</i>	
Distributed Visualization Systems in Remote Sensing Data Processing Grid .....	76
<i>Andrii Shelestov, Oleksiy Kravchenko, Mykola Ilin</i>	
Information Supply of Geo-information Systems for the Forecasting Problem of the Avalanche Danger.....	82
<i>Alexander Kuzemin, Olesya Dyachenko, Darya Fastova</i>	
Data Independence in the Multi-dimensional Numbered Information Spaces.....	87
<i>Krassimir Markov</i>	
How to Use a Desktop Version of a DBMS for Client-Server Applications .....	95
<i>Julian Vasilev</i>	
Table of Contents of Volume 2, Number 1 .....	100