

Contents of Volume 2

Artificial Intelligence.

M. BABENKO, E. KOURSHEV, O. ODINTSOV, E. SULEIMANOVA, A. CHEPOVSKY. <i>AKTIS – a System for Russian Language Text Categorization</i>	7
G. S. OSIPOV, I. A. TIKHOMIROV, I. V. SMIRNOV. <i>Intelligent Search in Global and Local Area Networks and Databases</i>	21
D. A. KORMALEV. <i>Applications of Machine Learning to Text Analysis</i>	35
D. A. KORMALEV, E. P. KOURSHEV, E. A. SULEIMANOVA, I. V. TROFIMOV. <i>An Architecture for Information Extraction Tools</i>	49
T. S. TARKHANOV. <i>Automated plan synthesizing of goal directed behavior based on conflict resolution</i>	71

Information System.

D. V. BELYSHEV, YA. I. GULIEV, G. NAZARENKO, E. I. POLUBENTSEVA, M. I. KHATKEVICH. <i>A development and implementation experience of the polyclinical information system as a part of the integrated information area of a complex medical center</i>	83
D. V. ALIMOV, A. E. MIKHEEV, G. I. NAZARENKO, M. I. KHATKEVICH. <i>Patient Flow Visualization and Analysis in a Complex Healthcare Institution</i>	103
G. N. MATVEEV, I. A. KARGAEVA, S. I. KOMAROV. <i>HIS KOTEM-2001 Evolution Dynamics</i>	117
V. S. POPOV, A. V. GOROHOV, S. I. KOMAROV. <i>Developing a United Information Space of a Multi-Profile Medical Center: Problems and Solutions</i>	133
YA. I.–O. GULIEV, V. L. MALYKH. <i>HL-X Architecture</i>	147
YA. I. GULIEV, M. I. KHATKEVICH. <i>Process and Document in Healthcare Information Systems</i>	169
M. A. CHUDNOVSKY, A. V. GOROHOV, T. V. PONO- MARCHUK. <i>Managing economic information for a healthcare institution in the context of multiple financing</i>	187
M. I. KHATKEVICH, YU. I. KHATKEVICH. <i>Physician Order Subsystem of a Complex Medical Center. Development and Operation Experience</i>	201

V. L. MALYKH, S. G. YURCHENKO. <i>Documentary level of knowledge representation in integrated medical information system ...</i>	217
M. I. HATKEVICH, YU. I. HATKEVICH, M. A. CHUDNOVSKY. <i>Economic Aspect of Physician Order Subsystem in a Corporate Healthcare Information System</i>	231
M. A. LAPSHIN. <i>Extended role of PACS in distributed medical information system architecture</i>	245
D. E. ERMAKOV. <i>Quality of service requirements for health information interchange</i>	259
M. BABAYAN, YA. GULIEV, O. VOGT. <i>Implementing and Maintaining a Corporate Information System. Providing Feedback ...</i>	279
I. A. BELYSHEVA. <i>Virtual learning environment to boost students' educational activity and cognition in computer-based English training</i>	299
I. M. ZAGOROVSKY, G. A. MATVEEV. <i>Content Management of Information Internet Systems</i>	313

Mathematical modeling and optimal control.

V. A. ILIN, E. I. MOISEEV. <i>Optimal boundary string oscillations controls as functions which deliver minimum the boundary energy integral</i>	321
L. N. ZNAMENSKAYA. <i>Boundary observation problem for string oscillations</i>	331
D. V. BELYSHEV. <i>The Control Improvement Algorithm with Time Regulator for Discrete Systems and Its Software Implementation</i>	349
V. I. GURMAN, M. Y. UKHIN. <i>Method of discrete control improvement based on the reachable set approximation</i>	369
L. N. NIKIFOROVA, M. Y. UKHIN. <i>Approximate optimal control synthesis</i>	377
YU. L. SACHKOV, E. F. SACHKOVA. <i>Geometric meaning of invariants and global structure of factor space in generalized Dido problem</i>	387
V. A. YUMAGUZHIN, V. N. YUMAGUZHINA. <i>Finite type integrable structures</i>	409

System analysis and regional development.

L. B. SUKINA, T. V. SHEVCHUK. <i>Forming of historic-cultural environment of regions on the basis of traditional national trades as a part of sustainable development</i>	425
D. V. BELYSHEV, O. V. SOLOVIOVA. <i>Analysis of innovative effects of regional development by means of the socio-ecology-economic models</i>	437
A. M. TSIRLIN, N. A. ALIMOVA. <i>Extraction of capital in microeconomics (thermodynamic approach)</i>	445
S. A. AMELKIN. <i>Extreme possibilities of restocking resources exchange process</i>	465
A. E. SOPHIEV, V. S. SHAURO. <i>Application of vibrational control for chemical-technology object</i>	475
Author index.	
<i>Contents of Volume 1 (in Russian)</i>	499
<i>Contents of Volume 2 (in Russian)</i>	501
<i>Output data</i>	511