CONTENTS

Ap 1	oplied Intelligent Systems Case based reasoning in intelligent geographic information systems for the management of logistics projects
	S L Belyakov, A V Bozhenyuk, M L Belyakova and S A Zubkov1-10
2.	On possible methods for solving the problem of reconstructing the matrix of distances between DNA strings B Melnikov and M Trenina
3.	Methodology to design management accounting information systems S Mkrtychev21-28
4.	Incorporation of Duality into the Computational Processes of Neural Network Decision-Making Components within Mobile Robotic Systems M Makarov
5.	Identifying the most critical trajectory of the spread of a social engineering attack between two users
	A O Khlobystova, M V Abramov and A L Tulupyev
6.	Approach to translation of RDF/OWL-ontology to the graphic knowledge base of intelligent systems A Filippov, V Moshkin, A Namestnikov, G Guskov and M Samokhvalov
7.	Intelligent Instrumentation for Opinion Mining in Social Media
	N Yarushkina, A Filippov, V Moshkin, G Guskov and A Romanov50-55
8.	Changing the information system's protection level from social engineering attacks, in case of reorganizing the information system's users' structure
	A A Azarov, A V Suvorova and T V Tulupyeva
9.	Exploring Bayesian belief network for risky behavior modelling: discretization and latent variables A Suvorova 63-70
10	Neural net Decision Support System for Hand-written Author Identifications A Ermolenko
11	Software interfaces for interaction of intelligent fuzzy and neuro fuzzy models in an end point software rick
11	management system A V Senkov and Yu A Senkova
12	The technique of structuring social network graphs for visual analysis of user groups to counter inappropriate.
	dubious and harmful information M Kalameyets, A Chechulin and I Kotenko
13	. Neural network approximation precision change analysis on cryptocurrency price prediction A Misnik, S Krutalevich, S Prakapenka, P Borovykh, M Vasiliev
14	Financial sustainability evaluation of higher education institutions using "compatible" cognitive maps
	Y A Fedulov, V V Borisov and A S Fedulov102-108
15	. Algebraic Bayesian networks: consistent fusion of partially intersected knowledge systems A Tulupyev, N Kharitonov and A Zolotin
16	Neuro-fuzzy models in tasks of intelligent data processing for detection and counteraction of inappropriate, dubious and harmful information

17	. An Approach for Prediction of User Emotions Based on ANFIS in Social Networks A N Averkin, G Pilato and S A Yarushev
In 18	telligent Systems in the industry . Methodological basics of creating intelligent quality management systems in mechanical engineering G Burdo
19	. Modeling of communication processes in information systems G P Vinogradov and A A Prokhorov141-149
20	. Modeling of digital manufacturing of electronics production and product quality assurance G I Korshunov and A A Petrushevskaya150-159
21	. The use of neural networks for testing and failure analysis of electronic devices R V Girin and S P Orlov
22	. Adaptive neural network based control of balancing robot in real time mode A I Glushchenko, V A Petrov and K A Lastochkin168-178
23	. About Fuzzy Management of the Safety of the Process of Oxidative Pyrolysis G N Sanaeva, A E Prorokov, D P Vent, N Yu Mutovkina and V N Bogatikov179-187
24	. Metaheuristic algorithms for identification of the convection velocity in the convection-diffusion transport model A V Tsyganov, Yu V Tsyganova, A N Kuvshinova and H R Tapia Garza
25	. Uncertainty Evaluation in the Expert System of Evolutionary Management of a Multistage Technological Process
26	B V Paliukh, A N Vetrov and I I Emelyanova
27	. Method of operational monitoring of technical condition of elements of multiservice communication network on the basis of hierarchical fuzzy inference S A Ageev, A A Gladkikh, D V Mishin and A A Privalov
28	. Fuzzy reliability model of systems for decision support in technical diagnostics E A Gavriliuk and S A Mantserov
29	. An Approach to Improve the Architecture of ART-2 Artificial Neural Network Based on Multi-Level Memory D G Bukhanov and V M Polyakov235-242
30	. Monitoring and controlling the execution of the sea cargo port operation's schedule based on multi-agent technologies O Vasileva and V Kiyaev
Se 31	mantic technologies in design . Computational Model to Quantify Object Innovativeness V K Ivanov
32	. The Method of fuzzy analysis of texts and their rubrics actualization V V Borisov, M I Dli and P Yu Kozlov259-263
33	. Features of the cognitive agent architecture on the basis of behavioral act modeling S V Astanin and N K Zhukovsky
34	. Methods and means of intellectual system of analysis of design solutions and training of designer A N Afanasyev and S I Brigadnov276-283
35	. How top-level ontology can help in analyses of workflow modeling I G Fiodorov, A N Sotnikov and Yu.F Telnov

36	 Research prototype of tool support of information technology of functional hybrid intelligent syst heterogeneous visual field A V Kolesnikov, S V Listopad and F G Maitakov 	ems with a
37	Conceptual-visual metalanguage of hybrid intelligent systems A V Kolesnikov, S V Listopad and F G Maitakov	305-313
38	The Tasks of Observation, Measurement and Evaluation in Intelligent Active Systems N Yu Mutovkina	314-323
39	. Specifications of Fuzzy Concepts with Evaluative Meaning in a Project Ontology during a Design	n of a
	System with Software P Sosnin, E Sosnina and A Kulikova	324-332
40	The possibilities of intelligent learning environments for inclusive distance education N N Belukhina, D S Kanev and T M Egorova	333-341
41	. Building the knowledge base of the question-answer system based on the syntagmatic analysis of the text	
	A Zarubin and A Koval	342-347
42	. Development of Precedents Searching Methods Based on Decision Trees I I Astahova, M V Fomina and V N Shcherbakova	348-354
43	. Semantic features of processing hybrid dynamic workflows of design A N Afanasyev, N N Voit and S Yu Kirillov	355-365
44	. Multimodel method of rubricating the unstructured electronic text documents M I Dli, O V Bulygina and P Yu Kozlov	366-372
Da 45	Ata Mining A model for assessing the development of the economy of the "future cities" based on the regression data parameter Constructive Coste Model O O Komarevtseva	373-380
46	. Identification and adaptive control based Hopfield neural networks M V Burakov	381-394
47	. Migration to graph data structures for Big Data analysis in causal model of personal curricula S Y Petrova	395-403
48	 Video- Application of fuzzy logic elements under the moisture supply evaluation in the plant-soil V V Alekseev and S A Vasiliev	-air system 404-
49	9. Solving of logic functions systems using genetic algorithm V G Kurbanov and M V Burakov	410-417
50	 Decision support systems for information protection in the management of the information network G I Korshunov, V A Lipatnikov and A A Shevchenko 	418-426
51	. Fuzzy classification of technical condition at life cycle stages of responsible appointment	
	G I Korshunov, S A Nazarevich and V A Smirnov	427-437
52	. The neural network image captioning model based on adversarial training K P Korshunova	438-444
53	Application of The Clustering In Software Development Analysis	445 454
	1 Alanasieva and 1 Sidirev	443-454

54	. Intelligent time series forecasting system V V Borisov, P I Komarov and V S Luferov	455-461
55	. Using mathematical modeling of time series for forecasting taxi service orders amount N A Andriyanov and V A Sonin	462-472
56	. New combined array information UD algorithm of the Kalman filter based channel estimation for O data transmission	FDM
	I V Semushin, Yu V Tsyganova, V V Ugarov and A V Tsyganov	473-482
57	. Extraction and Forecasting Time Series Of Production Processes A Romanov, E Egov, I Moshkina, and I Dyakov	483-489
58	Basic Algorithms of the Rule of Inference for a Logical-Type Systems with Many Fuzzy Inputs V G Sinuk and M V Panchenko	.490-501
59	. Fuzzy cognitive map of pre-emergency prediction	
	M Yu Micheev, O V Prokofiev and A E Savochkin	502-509
60	. Physically structured sequential data modeling: integration of qualitative and quantitative research	
	I Semushin and Yu V Tsyganova	510-518
61	. Using a neural network to select methods for predicting time series in a hybrid combined model D V Yashin	19-526