

TABLE OF CONTENTS OF IJ ITA VOL. 27, NO.1

Using Visual Analytics and K-Means Clustering for Monetising Logistics Data, a Case Study With Multiple E-Commerce Companies

Hamzah Qabbaah, George Sammour, Koen Vanhoof 3

On Logical-Combinatorial Supervised Reinforcement Learning

Levon Aslanyan, Vladimir Ryazanov, Hasmik Sahakyan 40

Optimization Problem: Systemic Approach

Albert Voronin, Yuriy Ziatdinov 52

Multisensor Prototype for Beverage Quality Control: Principle Scheme and Test Results

Volodymyr Romanov, Igor Galelyuka, Oleksandr Voronenko, Oleksandra Kovyrova, Sergei Dzyadevych, Lyudmyla Shkotova 82

A Comparative Examination of Convolutional Autoencoder and Densenet Applications for Breast Cancer Classification

Naderan Maryam, Yuri Zaychenko 93

Table of contents 100

TABLE OF CONTENTS OF IJ ITA VOL. 27, NO.2

<i>Integration of Chain-Computation Algorithms in Cube-Splitting Technique</i>	
Hasmik Sahakyan, Levon Aslanyan	103
<i>Mathematical Logic Problems in Natural Language Processing</i>	
Serhii Kryvyi, Nataliia Darchuk, Hryhorii Hoherchak	121
<i>Synthesis of Chat-Bot Responses in the Inflecting Natural Language Based on the Results of Queries to Ontology and Analysis of the Chat Previous Phrase</i>	
Anna Litvin, Vitalii Velychko, Vladislav Kaverinsky	152
Table of contents	200

TABLE OF CONTENTS OF IJ ITA VOL. 27, NO.3

<i>Using Apriori Association Rules and Decision Tree Analysis for Detecting Customs Fraud</i>	
Hamzah Qabbaah, George Sammour, Koen Vanhoof	203
<i>Substantive Formulation of UAV Groups Routes Optimization Problem</i>	
Maksym Ogurtsov, Vyacheslav Korolyov	229
<i>Isomorphism of Predicate Formulas as the Base of Logic Ontology Construction</i>	
Tatiana Kosovskaya.....	248
<i>Digital Analysis of Genetic Proximity of the Balkan Population</i>	
Georgi Gachev, Jordan Tabov.....	256
<i>Didactical Mapping in Topic-Oriented Didactical Units</i>	
Borislav Yordanov Lazarov	273
<i>Analysis of Approaches for Effective Applications Development in Monolith, Service-Oriented and Microservice Architecture</i>	
Yuriii Milovidov	288
Table of contents.....	300

TABLE OF CONTENTS OF IJ ITA VOL. 27, NO.4

<i>Steganalysis of Adaptive Embedding Methods by Message Re-Embedding Into Stego Images</i>	
Dmytro Progonov, Vladymir Lucenko	303
<i>Диагностика медицинских изображений опухолей молочной железы с использованием гибридных сверточных нечетких нейронных сетей</i>	
Галиб Гамидов, Юрий. П. Зайченко.....	325
<i>Исследование нечетких нейронных сетей с различными алгоритмами вывода в задачах прогнозирования на рынках ценных бумаг</i>	
Тофик Кязимов, Юрий Зайченко	345
<i>Универсальные решающие правила: поддержка и принятие решений в задачах распознавания, диагностики, выбора, классификации</i>	
Крисилов А.Д., Крисилов В.А., Чумаченко В.В.	369
<i>Графо-аналитический метод оценки состояния диагностируемого объекта</i>	
Игорь Арефиев, Тетяна Мундзишвили	383
Table of contents of IJ ITA Vol. 27, No.1	397
Table of contents of IJ ITA Vol. 27, No.2	398
Table of contents of IJ ITA Vol. 27, No.3	399
Table of contents of IJ ITA Vol. 27, No.4	400