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TABLE OF CONTENTS

SECTION OF ARTIFICIAL INTELLIGENCE

1. Filtering of the fine-structured components of images with textual information by the TextSmooth software.....	1
Sergii Khlamov, Tetiana Trunova, Iryna Tabakova and Victor Chelombitko	
2. Helicopters Turboshaft Engines Parameters Identification at Flight Modes Using Neural Networks.....	5
Serhii Vladov, Yurii Shmelov, Ruslan Yakovliev, Marina Petchenko and Svitlana Drozdova	
3. Feed-forward Neural Network Classifiers with Bithreshold-like Activations	9
Vladyslav Kotsovsky and Anatoliy Batyuk	
4. Chatbot of a person’s emotional state using a neural network.....	13
Anastasiia Maherus and Tetyana Korotyeyeva	
5. Artificial Neural Networks Implementation in Ethylbenzene Oxidation Data Processing.....	17
Taras Chaikivskiy, Bohdan Sus, Sergiy Zagorodnyuk, Oleksandr Bauzha and Viktor Reutskyy	
6. Impact of Migration on COVID-19 Epidemic Process in Romania: a Simulation Study	22
Dmytro Chumachenko, Pavlo Pyrohov and Sergiy Yakovlev	
7. Sentiment Analysis of Sindhi News Articles using Deep Learning.....	26
Fahama Barakzai, Sania Bhatti and Salahuddin Saddar	
8. Application of the Max-Min Ant System to Solve the Problem of Determining the Route of Vehicles in the Presence of Prohibited Areas	32
Hennadii Khudov, Oleksandr Makoveichuk, Vladyslav Khudov, Irina Khizhnyak, Nazar Shamrai and Dmytro Misiuk	
9. Integration of Building Information Modeling and Artificial Intelligence Systems to Create a Digital Twin of the Construction Site	36
Denys Chernyshev, Serhii Dolhopolov, Tetyana Honcharenko, Halyna Haman, Tetiana Ivanova and Myroslava Zinchenko	
10. Wavelet-Based Estimation of Hurst Exponent Using Neural Network	40
Lyudmyla Kirichenko, Kyrylo Pavlenko and Daryna Khatsko	
11. Video Surveillance Shoplifting Recognition Based on a Hybrid Neural Network.....	44
Lyudmyla Kirichenko, Bohdan Sydorenko, Tamara Radivilova and Petro Zinchenko	

12. Adaptive Least-Squares Support Vector Machine and its Combined Learning-Selflearning in Image Recognition Task	48
Yevgeniy Bodyanskiy, Olha Chala, Sergiy Popov and Filip Brodetskyi	
13. Mobile Hand Gesture Controlled Application using Transfer Learning	52
Piotr Lipinski, Anna Preczynska, Krzysztof Lichy and Barbara Morawska	
14. Spectral Approach to Solving the Problem of Bithreshold Separability	56
Vladyslav Kotsovsky and Anatoliy Batyuk	
15. Dictionary data structure for a text analysis task using cross-references	61
Dmytro Kudriavtsev and Andrii Yarovy	
16. Investigation of hybrid deep learning networks and LSTM in the short term forecasting in financial sphere	65
Yuriy Zaychenko and Oleksii Kuzmenko	
17. Recognition of violations of individual labor protection rules using a convolutional neural network	69
Olha Pronina and Olena Piatykop	

SECTION OF APPLIED LINGUISTICS

18. The Statistical Parameters of Ivan Franko's Authorial Style Determined by the Chi-square Test	73
Iryna Khomytska, Vasyl Teslyuk and Iryna Bazylevych	
19. Study of linking words in political speeches of Bill Clinton using Python.....	77
Marta Karp, Anna Burtnyk, Ivan Bekhta, Nataliia Kunanets, Oksana Melnychuk and Iryna Shainer	
20. Sentiment Analysis Technology of English Newspapers Quotes Based on Neural Network as Public Opinion Influences Identification Tool	83
Serhii Voloshyn, Victoria Vysotska, Oksana Markiv, Ivan Dyyak, Ihor Budz and Vadim Schuchmann	
21. The Quantitative Parameters in Computer-Assisted Approach: Author's Lexical Choices in the Novels by Martin Amis.....	89
Oksana Melnychuk, Nataliya Bondarchuk, Ivan Bekhta, Olena Levchenko, Nadia Yesyenko and Nataliia Hrytsiv	
22. NLP Tool for Extracting Relevant Information from Criminal Reports or Fakes/Propaganda Content	93
Victoria Vysotska, Svitlana Mazepa, Lyubomyr Chyrun, Oksana Brodyak, Iryna Shakleina and Vadim Schuchmann	

23. War Implications in the Reddit News Feed: Semantic Analysis.....99

Solomiia Albota

24. Computational Actualization of Idioms: Authorial Corpus-based Idiomaticity of Contemporary British Fiction103

Ivan Bekhta, Nataliya Bondarchuk, Nataliia Hrytsiv, Olena Levchenko, Olha Matviienkiv and Oksana Melnychuk

25. Use of Klett augmented service in the process of studying German as a second foreign language107

Halyna Antoniuk and Lilia Chernysh

26. Corpus Based Analysis of Color Names Function in Poetic Discourse111

Nataliia Romanyshyn

27. Keyword analysis as a means of identifying dominant topics in news discourse115

Iлона Skibina, Marianna Dilai and Svitlana Druzhbiak

28. Object Relations of Verbal Predicates of the Fluidity Functional-Onomasiological Group According to the Text Corpora119

Roksolana Nazarchuk

29. Improving the Machine Translation Model in Specific Domains for the Ukrainian Language123

Oleksii Turuta, Nataliia Saichyshyna, Andrii Babii, Olena Turuta, Andriy Yerokhin and Daniil Maksymenko

30. Statistical Profile of Yulian Opilsky's Stories "Idols Will Fall" and "I Am Coming to You": corpus-based studies130

Yuliia Shyika, Halyna Oleksiv and Mariia Bekhta-Hamanchuk

31. Quantitative Characteristics of the M.Yatskiv's Short Stories: corpus based studies134

Oleg Hirnyak and Yuliia Shyika

32. Statistical characteristics of O. Zabuzhko's idiolect138

Vitalii Karasov and Olena Levchenko

33. Associative verbal network of concepts РАДІСТЬ (JOY) and СТРАХ (FEAR): experimental and corpus approaches142

Olena-Anna Hultso, Olena Levchenko

SECTION OF BIG DATA AND DATA SCIENCE

34. Data Processing through the Lifecycle of Aviation Radio Equipment.....146

Oleksandr Solomentsev, Maksym Zaliskyi, Olha Sushchenko, Yurii Bezkorovainyi, Yuliya Averyanova, Ivan Ostroumov, Vitalii Larin and Nataliia Kuzmenko

35. Simple nonparametric tests for change point detection in time series.....	152
Dmitriy Klyushin	
36. Information System for Leisure Time-Management in Quarantine Conditions	156
Oleh Veres, Pavlo Ilchuk, Olha Kots and Yana Levus	
37. Model Building for Diagnostic Variables during Aviation Equipment Maintenance.....	160
Maksym Zaliskyi, Oleksandr Solomentsev, Vitalii Larin, Yuliya Averyanova, Nataliia Kuzmenko, Ivan Ostroumov, Olha Sushchenko and Yurii Bezkorovainyi	
38. Relationships Knowledge Graphs Construction Between Evidence Based on Crime Reports	165
Svitlana Mazepa, Victoria Vysotska, Danylo Ivanchyshyn, Lyubomyr Chyrun, Vadim Schuchmann and Yuriy Ryshkovets	
39. Open Source Software Computed Risk Framework	172
Jon Chapman and Hari Venugopalan	

SECTION OF COMPUTATIONAL INTELLIGENT IN SMART SYSTEMS

40. Analysis of proxy addresses operability using a neural network approach	176
Mykola Korablyov, Oleksandr Fomichov and Matvii Ushakov	
41. Construction of Forecast Models based on Bayesian Structural Time Series.....	180
Irina Kalinina, Peter Bidyuk and Aleksandr Gozhyj	
42. Genetic Algorithm in Optimization Problems for Greenhouse Facilities.....	185
Taras Lendiel, Lysenko Vitaliy, Igor Bolbot, Valerii Koval and Ihor Nakonechnyy	
43. Information Technology for Assessing the Impact of Cognitive Risks in Decision-Making by Operational Personnel in the Process of Energy-Active Object Managing	189
Lubomyr Sikora, Natalya Lysa, Roman Martsyshyn and Yulia Miyushkovych	
44. Improvement of the Method of Synthesis of Barker-like Code Sequences and their Application for Data Encoding and Decoding.....	193
Oleg Riznyk, Vasyl Teslyuk, Ivan Tsmots and Yurii Opotiak	
45. Hardware Components for Nonlinear Neuro-like Data Protection in Mobile Smart Systems	198
Ivan Tsmots, Roman Tkachenko, Vasyl Teslyuk, Yurii Opotyak and Vasyl Rabyk	
46. Impact on Sleep Quality of Electronic Device Usage	203
Tatsuya Yamazaki	

47. Autonomous intelligent control system for mobile robotic system.....	206
Dmytro Ostrovka, Danylo Stasenکو and Vasyl Teslyuk	
48. Personalized Itinerary Recommendation via Expectation-Maximization.....	210
Costas Panagiotakis, Evangelia Daskalaki, Harris Papadakis and Paraskevi Fragopoulou	
49. Novel low cost soil moisture sensor.....	214
Edson Cavalcanti Neto, Darlan Almeida Barroso, Pedro Pedrosa Rebouças Filho and David Nascimento Coelho	
50. Computing tools in a synchronization signals monitoring system for mobile communication and SMART technologies based networks	218
Valerii Koval, Vitaliy Lysenko, Sergey Shvorov, Vyacheslav Vakas, Vadym Yarmoliuk, Oleksandr Osinskiy, Igor Shkliarevskiy, Taras Semeniv and Olexander Samkov	

INTERNATIONAL WORKSHOP ON DATA AND KNOWLRDGE ENGINEERING

51. Comparative analysis of embedded databases performance on single-board computer systems using Python.....	222
Marian Slabinoha, Stepan Melnychuk, Iryna Manuliak and Bohdan Pashkovskiy	
52. Data engineering for the automation of non-contact foliar diagnostics of plants based on the HSL model of color formation.....	226
Pasichnyk Natalia, Oleksiy Opryshko, Dmytro Komarchuk, Nadiia Yasinska, Ruslan Rakhmedov and Nikolay Kiktev	
53. Expert group decision making in corporate identity restyling	230
Mykola Logoyda, Uliana Marikutsa and Tetiana Shestakevych	
54. Designing Semi-Automated Decision-Making Expert Systems for Healthcare Tasks.....	235
Oksana Mulesa, Ivan Myronyuk, Tamara Radivilova, Olga Kachmar, Petro Horvat and Yevhenii Kykyna	
55. Increasing the robustness of computer networks by using a hybrid centralized-distributed architecture	239
Alexander Skvorchevsky	
56. Knowledge Driven Cyber-Convergent Systems Based on Situational Agents	243
Oleksiy Kovalenko	
57. Information system project for communication of hearing impaired users.....	247
Nataliia Kunanets and Diana Koshtura	

SECTION OF INFORMATION AND COMMUNICATION TECHNOLOGIES IN EDUCATION

- 58. Educational Module for Studying PC Architecture Using 3D Technologies.....252**
Oleksandra Bulgakova, Viacheslav Zosimov and Yevheniia Tselm
- 59. Web-Based Service Development for Intellectual Maintenance of the Personalized Educational and Professional Program.....256**
Tetyana Neroda and Lidiia Slipchyshyn
- 60. Trends in the Development of Online Platforms for Distance Learning260**
Roman Miroshnyk, Igor Matviy, Lina Halaz and Iryna Bahlai
- 61. The effectiveness of organizing robotics using circles virtual didactic tools265**
Gulnora Buronova
- 62. IT strategies for the development of higher educational institutions.....270**
Yevhen Palamarchuk, Nataliia Zamkova, Ruslan Novytskyi and Olena Kovalenko
- 63. Multibiometric Identification of Computer Network Users in the Distance Learning Process274**
Tetiana Kovaliuk, Nataliya Kobets, Anastasia Shevchenko and Nataliia Kunanets
- 64. Determining the Priority of Factors Influencing the Selection of Information Technology for Distance Education.....279**
Oleksandr Tymchenko, Orest Khamula, Svitlana Vasiuta, Olha Sosnovska, Solomiya Dorosh and Mykhailo Drimaylo
- 65. Distance learning of safety disciplines.....284**
Oleksandra Datsko, Anna Romaniv, Nataliya Vytrykush and Nadiia Paraniak
- 66. Gender Balance Ensuring in IT field: Ukrainian Study Case288**
Olena Haitan

SECTION OF INFORMATION MANAGEMENT

- 67. Monitoring of the environmental condition of the solid waste landfill using GIS292**
Olena Pomortseva, Sergiy Kobzan, Serhii Nesterenko and Stanislav Sorokin
- 68. Quantification of Infographic Intervention Effect on Mis/Disinformation Vulnerability297**
Kevin Matthe Caramancion
- 69. The method of creating agricultural thematic maps in geoinformation systems using the method of automatic unsupervised classification301**
Roman Stupen, Zoriana Ryzhok, Nazar Stupen and Oksana Stupen

70. Cluster Analysis as an Assessment Tool of the Impact of the COVID-19 Pandemic on the Development of Tourism in the Regions of Ukraine	305
Ihor Kulyniak, Ihor Novakivskyy, Oleh Karyy, Liubov Halkiv and Solomiya Ohinok	
71. Modeling the Minimization of Accommodation Costs while Developing a Tourist Route	309
Ihor Novakivskyy, Ihor Kulyniak, Yuliya Bondarenko, Yurii Dziurakh and Halyna Rachynska	
72. Development and Application of Hierarchical Decision Modeling (HDM) Solutions Architecture for the Wearable Technology Adoption Problem.....	313
Liliya Hogaboam and Larysa Yaremchuk	
73. Using Artificial Intelligence Algorithms in Advertising	317
Nataliya Boyko and Yuliia Kholodetska	
74. Analysis of the spread of COVID-19 in Ukraine using Google Trends tools	322
Mykola Medykovskyy, Olena Pavliuk and Myroslav Mishchuk	

SECTION OF MATHEMATICAL MODELING IN COMPUTER SCIENCE

75. Mathematical Model of Airborne Stabilization System	327
Olha Sushchenko	
76. Prediction of the Occurrence of Threatening Conditions in Individuals as a Problem of Assigning an Object to a Class	332
Oksana Mulesa, Olena Yatsyna, Olena Melnyk, Ivan Myronyuk, Igor Povkhan and Anatolii Batyuk	
77. Models of Vector Information Technologies Based on the Intelligent Combinatorial Configurations	336
Volodymyr Riznyk, Mykola Medykovskyy, Vasyl Teslyuk, Yurii Bilas	
78. Two-dimensional Computer Modelling of Contaminant Migration in Unsaturated Porous Media with Nanoparticles	340
Viktor Zhukovskyy, Nataliia Zhukovska and Jan Perhac	
79. Modeling a Pharmaceutical Web-Service Using Colored Petri Nets	345
Irina Kalinina, Aleksandr Gozhyj and Victor Gozhyj	
80. Hierarchical IP Core Generator for Quantum Fourier Transform Implementation in FPGA	349
Valeriy Hlukhov	
81. Modeling the Productivity of a Sugar Factory using Machine Learning Methods	353
Nataliia Lutska, Lidiia Vlasenko, Nataliia Zaiets and Vitaliy Lysenko	

82. Data analysis of the turbulent flow of nanofluids «water-Al₂O₃» and «water-TiO₂» in the Slinky collector of the heat pump.....357

Tetiana Rymar and Myroslava Kazmiruk

83. Mathematical Modeling Of Thermal Processes In A Resistojet Propulsion System At The Startup Preparation Phase361

Olha Pohudina, Andrii Pohudin, Serhii Koba and Rossella Bartolo

84. Potential Field Distribution Modeling in a Heterogeneous Medium by Near-Boundary Elements and Non-clasical Finate Differences365

Liubov Zhuravchak

85. The Possibility of Post-industrial Landscapes Reclamation Based on the Study of Soil Quality Indicators and Variance Analysis369

Elvira Dzhumelia and Oksana Spodaryk

86. Method of Recommending a Scrum Team Composition for Intermediate Estimation of Software Development Projects373

Vasyl Teslyuk, Anatoliy Batyuk and Volodymyr Voityshyn

INTERNATIONAL WORKSHOP ON PROJECT MANAGEMENT

87. Contemporary technologies of presenting Scientific Library's electronic digital resources in the global information medium377

Galyna Melnyk-Khokha, Nadiia Popadiuk and Valentyna Mudrokha

88. An Effective and Efficient Approach to Collect, Accumulate and Analyze Feedback From the Client382

Svitlana Krepych, Iryna Spivak and Serhii Spivak

89. Requirements for the application for replacement on the marketplace to promote IT product.....388

Hanna Pryshchepa and Nataliia Kunanets

90. Emotion Recognition System Project of English Newspapers to Regional E-Business Adaptation.....392

Serhii Voloshyn, Oksana Markiv, Victoria Vysotska, Ivan Dyyak, Lyubomyr Chyrun and Valentyna Panasyuk

91. System model of formation of the value of projects of digital transformation in rural territorial communities398

Anatoliy Tryhuba, Nazar Koval, Inna Tryhuba, Oleg Bashynsky and Victor Shevchuk

92. The method of substantiating the rational configuration of technical resources in walnut harvesting projects402

Anatoliy Tryhuba, Stepan Krupych, Oleg Krupych and Ivan Horodetskyi

93. Competitiveness Assessment of Services in Seaport Concession Projects	406
Anatoliy Shakhov, Varvara Piterska, Volodymyr Botsaniuk, Olha Sherstiuk	
94. Risk Management Mechanisms in Higher Education Institutions Based on the Information Support of Innovative Projects	410
Varvara Piterska, Oleh Lohinov, Liliia Lohinova	
95. Harmonization of project configuration of the crop harvesting technological system	414
Pavlo Lub, Anatoliy Tryhuba, Roman Chubyk and Roman Padyuka	
96. The Project of the Information System for the Management of Secondary Education Institution	418
Antonii Rzhеuskyi, Nataliia Kunanets and Yustyna Stetsyk	
97. Legal Aspects of Journalist Activity: Successes and Problems in Project Implementation	422
Zoriana Haladzhun, Lidiia Snitsarchuk, Nataliia Kunanets and Nataliia Veretennikova	
98. Application of the cognitive approach for IT project management and implementation	426
Liubava Chernova, Anna Zhuravel, Liudmila Chernova, Sergey Chernov, Nataliia Kunanets and Olga Artemenko	
99. Criteria for intellectual forming a project teams in safety oriented system	430
Oleh Kovalchuk, Oleh Zachko and Dmytro Kobylkin	
100. The genetic approach application and creation the genetic model of the project.....	434
Sergiy Rudenko, Tetiana Kovtun, Tetiana Smokova and Iryna Finohenova	
101. Inspirational emotions as a driver of managing information-communication projects	438
Sergey Bushuyev, Natalia Bushuyeva, Denis Bushuiev and Victoria Bushuieva	

SECTION OF SOFTWARE ENGINEERING

102. A Joint Statistical Estimation of the RFC and CBO Metrics for Open-Source Applications Developed in Java	442
Sergiy Prykhodko, Natalia Prykhodko and Tetiana Smykodub	
103. Using Software Agents in a Distributed Computing System for Procedural Planetoid Terrain Generation	446
Yevheniya Levus, Rüdiger Westermann, Mykola Morozov, Roman Moravskyi and Pavlo Pustelnyk	
104. Web-Oriented Information System for Lviv Transport Data Monitoring	450
Oleksii Petrushynskyi, Yurii Kynash, Yulia Miyushkovych, Roman Martsyshyn and Natalya Kustra	

105. Three-module framework for automated software testing.....	454
Ilona Kozak, Andrii Berko	
106. The Behavior Model of the Computer User	458
Natalia Axak and Andrii Tatarnykov	
107. Development of Software for Billet Barreling Predicting at the Design of Metalforming Processes Based on Pre-Upsetting.....	462
Volodymyr Kukhar, Elena Balalayeva and Olga Tuzenko	
108. Input decomposition by clusterization for symbolic execution	466
Roman Bazylevych and Andrii Franko	
109. Specific Aspects of Software Development Process for AI-based Systems.....	470
Vira Liubchenko	
110. An improved approach to the development of software with increased requirements for flexibility and reliability in terms of creating small and medium-sized projects.	474
Oleh Kuzmych, Vladyslav Lakhai and Maksym Seniv	
111. Automatic Defective Chains Detection in PCB Image by Partition, Flood- Filling and Features Comparison.....	478
Roman Melnyk, Yevheniya Levus and Ruslan Tushnytsky	
112. Software and Technical Complex of Control Basic Parameters of Reactor Installation	482
Mykhaylo Semerak, Kostyantyn Koba, Stepan Lys and Taras Kravets	
113. A statistics-based performance testing methodology: a case study for the I/O bound tasks	486
Andriy Sultanov, Maksym Protsyk, Maksym Kuzyshyn, Daria Omelkina, Vyacheslav Shevchuk and Oleg Farenjuk	
114. The software solution for precise agriculture using the NDVI index	490
Serhiy Verovka and Zenoviy Veres	
115. Investigating Methods of Input Data Preparation for Person Identification Information Technology	495
Kateryna Merkulova and Yelyzaveta Zhabska	
116. A Technique for Detecting Software Quality Based on the Confidence and Prediction Intervals of Nonlinear Regression for RFC Metric.....	499
Sergiy Prykhodko and Natalia Prykhodko	
117. The use of ontology in the process of designing adaptive software systems.....	503
Dmytro Fedasyuk and Illia Lutsyk	
118. Development of software tools for testing the autonomous navigation system of UAVs	507

Mykyta Klymenko and Anatoly Shevchenko

119. Mobile real-time gesture detection application for sign language learning511

Liliia Ivanska and Tetyana Korotyeyeva

SECTION OF CYBER-PHYSICAL SYSTEMS

120. Investigation of Failures in the Operation of AIS Technology515

Shamil Ikhsanov, Oleksii Diakonov and Hennadii Khudov

121. Virtual means of cyber-physical rehabilitation systems519

Olha Lysa, Svyatoslav Yatsyshyn, Andrii-Volodymyr Midyk and Ruslana Andrushko

**122. Recovering From a Failure and Improving the Checkability of Iterative
Array Dividers523**

Oleksandr Drozd, Anatoliy Sachenko, Kostiantyn Zashcholkin, Yulian Sulima, Julia Drozd, Maciej Dobrowolski, Mykola Kuznietsov, Liliia Ivanova and Igor Kovalev

**123. Development of AC voltage stabilizer with microcontroller-based control
system527**

Andriy Holovatyy, Andrzej Lukaszewicz, Vasyl Teslyuk and Nazariy Ripak

**124. The Symmetry Principle Usage to Design the Previously Disturbed Linear
Control Systems.....531**

Roman Voliansky, Oleksiy Sinkevych, Felix Andika Dwiyanto, Nataliya Krasnoshapka, Oleksii Statsenko and Nina Volianska

**125. Optimization of the Technological Process of Deironing Groundwater in
Critical Water Supply Infrastructure of Settlements535**

Sergiy Martynov, Sergiy Kunytskyi, Serhii Shatnyi, Nataliia Ivanchuk and Olena Galkina

**126. Research on the effectiveness of methods of adaptive management of the
enterprise's goods sales using machine learning methods.....539**

Hanna Nazarkevych, Ivan Tsmots, Mariia Nazarkevych, Nazar Oleksiv, Andrii Tysliak and Oleh Faizulin

**127. Algorithm for optimal designing the cyber-physical system for measuring
natural gas volume543**

Fedir Matiko, Yevhen Pistun and Halyna Matiko

**128. Modelling Temperature Field in Spatial Thermo-Sensitive Elements of
Electronic Devices with Local Thermal Heating.....547**

Vasyl Havrysh and Orest Kochan

INTERNATIONAL WORKSHOP ON INDUCTIVE MODELING

129. A pipeline for the Diagnosis and Classification of Lung Lesions for patients with COVID-19.....	551
Oleksandr Davydko, Yaroslav Hladkyi, Mykola Linnik, Olena Horodetska, Vladimir Pavlov, Oleksandr Galkin, Ievgen Nastenکو, Luca Longo	
130. Positional Approach to the Voting Function Formation of Random Forest Trees as an Example of Solving the Differentiating Tuberculosis Forms Problem	555
Oleksandr Matviichuk, Olena Horodetska, Mykola Linnik, Oksana Biloshytska, Vladimir Pavlov, Ievgen Nastenکو	
131. Modeling dynamics of cryptocurrency XRP using tweets, news, and GMDH-based algorithms.....	559
Pavel Mogilev, Dinislam Kusegenov, Mikhail Alexandrov, John Cardiff, Olexiy Koshulko	
132. Help to Autocar Insurance Companies: Forecast of Polices Sales on Dynamics of Search Queries	564
Darya Govorkova, Anna Boldyreva, Pavel Mogilev, Mikhail Alexandrov, Olexiy Koshulko	
133. Inverse Conversion of Transition Matrices Method for Polygeneration Microgrid Dynamic Electricity Cost Prediction.....	568
Volodymyr Osypenko, Victor Kaplun	
134. An Approach to Restoring Missing Data in an Experimental Sample	572
Oleksandra Bulgakova, Volodymyr Stepashko, Viacheslav Zosimov	
135. Application of the Ontological Approach to the Iterative GMDH Algorithms Metamodel Construction	580
Halyna Pidnebesna, Yevgeniya Savchenko-Synyakova, Volodymyr Stepashko	
136. GMDH-Based Computer Technology for Information Support of Decisions in the Foundry Production Process	576
Yevgeniya Savchenko-Synyakova, Olena Tokova	
137. Performance Investigation of the CPU-based Paralleling the Generalized Relaxational Iterative Algorithm.....	584
Andrii Pavlov	
138. The Recurrent-and-Parallel Implementation of COMBI GMDH Algorithm on CPU and GPU	588
Serhiy Yefimenko	
139. Adapting the Size of Artificial Neural Networks Using Dynamic Auto-Sizing.....	592
Vojtech Cahlik, Pavel Kordik, Miroslav Cepek	
140. Offline evaluation of the serendipity in recommendation systems.....	597
Daniil Pastukhov, Stanislav Kuznetsov, Vojtech Vancura, Pavel Kordik	
Author index	602

Gender Balance Ensuring in IT field: Ukrainian Study Case

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Abstract—The paper considers gender balance ensuring in the Ukrainian IT field. Learning outcomes in STEM courses (math and physics) are analyzed as a background for the IT sector formation. The results of External Independent Assessment demonstrate 3% more successful results for girls than boys in STEM courses. In all cases, the distribution has a positive skewness. The dependence of the gender parity index on the IT-specialties and higher education level (positive ratio) is shown. The gender profile of IT field is made. Some brief recommendations are given to overcome the social stereotypes and gender gap.

Keywords—*gender, female, gender equality, gap, information technology, education, distribution*