

CONTENTS

1. CURRENT RESEARCH IN THE FIELD OF ENGINEERING SCIENCES

Andreyeva Ye. Determination of the Location of Radio Emission Source from a Spacecraft.....	9
Bondarchuk S. Waste Treatment at Mining and Stone Processing Enterprises in Zhytomyr Region.....	10
Bondarchuk V. Estimation of Treatment Efficiency of Natural Cladding Stone Surfaces by Mechanical and Chemical Methods.....	11
Dziadovych M. Acoustic System with Subwoofer.....	13
Ilchuk R. Defining the Surface of Cut while Gradual Front-End Milling in the Environment of Solidworks Motion.....	15
Leus D. Imitative Research Stiffness of Conical Connection of Face-Milling Cutter from Shaft Spindle 6R12.....	18
Kravchenko S. Method of Physical Simulation in Determining an Automobile Aerodynamic Indicators.....	21
Kurkodym V. Akkumulation von ^{137}Cs in den Rinden der Hauptlaubbäume der Subor in Polissya Zhytomyr.....	23
Klysovets I. Specific Aspects of Cracking and Blocking Formation.....	25
Levchuk V. Calibration of Hazardous Gas Sensors Installed on Mini Unmanned Aerial Vehicles.	26
Lubiakov A. Design Training of Specialists in the Field of "Industrial Engineering".....	28
Martyniuk M. Application of Modern Information Systems for Operative Control of Production Quality at Dimension Stone Quarry.....	30
Masiakina N. Utilization of Rock Refuse at Stone Processing Enterprises.....	31
Masyuk R. Distribution of the Career Field on Expression of Rocks.....	32
Okhota T. Methods of Stability Assessment of Open-Pit Slopes in the Rock Massive.....	34
Piskun I. Perspective Application of Milling Machines During Working Rocks of Average Strength.....	35
Poleva M. Determination of the Optimal Method of Computation of Reserver for the Miropol Deposit.....	36
Polyovyi S. Prospects of Using Plasma Cutting.....	38
Pryimachenko V. The Efficiency of Crushing Oversize Secondary Material by Hydraulic Hammer.....	40
Pylpychuk V. Study of the Massif Fracturing at Golovino Labradorite Deposit.....	41
Rashevskyi D. Study of the Basic Processes of Production of Balls from Natural Stone.....	43
Renke Ye. Dependence of Disk Cutting Process on the Contortion of the Platform Rack Profile on the Example of PE «Psiukivskyi O. Y.».....	46

Repetskyi D. Analysis of the Factors that Influence the Outcome of Crushed Stone Products.....	48
Sakhnevych A. Amber in Ukraine and the Problem of its Extraction.....	50
Savchuk R. Ensuring of Accuracy at Turning of Non-Rigid Parts.....	53
Semeniuk V. Study and Analysis of the Accuracy of Surveying Support and Network Development.....	55
Shkvarun D. Automatization of the Account of Finished Product Stores and Dumps by Digital Photogrammetry and Modeling.....	56
Svintitska T. Assessment of Technogenic Stress on the Environment in Zhytomyr by Method of Bioindication.....	57
Vlasenko O. Placement of Wellbore Net during Drilling Works in a Quarry.....	59
Yaroschovez K. Radioaktive Verschmutzung der Hauptwaldarten in Polissya.....	61
Yegorov V. Electro-Erosive Cutting of Metal.....	63
Zalevska Yu. Reduction of ¹³⁷ Cs Content in Mushrooms when Boiling.....	65

2. CURRENT RESEARCH IN THE FIELD OF INFORMATION COMPUTER TECHNOLOGIES

Boiko V. Quantum Computing: Challenges and Perspectives of Development.....	67
Burdeinyi O. Microprocessor Controller of the Water Supply System of a Private House.....	71
Demianiuk V. Basic Implementation of Motion Detection.....	73
Ferens V. Key Trends of Smart Home Development.....	74
Herasymchuk Ye. Wireless Technologies in Industrial Networks.....	77
Korniiuk A. Hardware and Software Complex for Researching Cardiovascular System of a Human Being.....	79
Kravchuk O. Analyzing Ukrainian Parliament Network.....	81
Liubchenko D. Simulation Hypothesis.....	83
Lysiuk A. Development of a Broadband Short-Wave Radio Communication Device.....	84
Magerramova Yu. Intensifying Restaurant Business Management by the Use of Automation System.....	86
Melnik A. Blockchain: Principles of Work and Perspectives of Application.....	88
Mykolaichuk V. Internet of Things: Overview, Advantages and Disadvantages, Current Trends.....	90
Nemchak O. Study of Identification Methods for Access of Vehicles to Closed Objects.....	92
Petriv R. The Use of "Blockchain" Technology in E-Learning.....	95
Rafalska M. Tensosensors as a Means of Robot Sensibility.....	97
Serpukhova D. Analyzing Effectiveness of IT Projects Development According to the Metrics of Testing.....	99

Sydyaha N. Artificial Intelligence: What's Next?.....	101
Ushakov Yu. Smart Technologies.....	103
Zosimovych D. Head sDart for Beginning Mobile Developers.....	105
3. CURRENT RESEARCH IN THE FIELD OF ECONOMICS	
Adamenko A. Problems and Main Benefits of Developing Countries.....	107
Barsuk L. Organization of Enterprise Marketing Activities.....	111
Barvinok V., Prykhozai Yu. Microfinance as a Tool of Ensuring Gender Equality in Women Entrepreneurship.....	112
Bezman D. YEP Incubators as the Pass to Ukraine's Innovative Future.....	115
Chuprina O. Taxation Reform in Ukraine.....	116
Dubiley J. Conceptual Approach to Evaluation Ability to Realize Innovative Potential of Enterprises in Controlling.....	118
Holovenko M. Die Effektivität der Nutzung der Hauptmittel in einem Unternehmen.....	120
Hryhoryshyna A. Financial Supermarket – Higher Stage of Banks Integration with other Financial Institutions.....	122
Hyrenko V. Strategic Customization of Workers as Background for Innovative Development of the Enterprise.....	124
Ishchuk A. Legal and Practical Aspects of Starting a Business through Centres for Administrative Services Provision.....	126
Kamenchuk Yu. Peculiarities of Documentation of Transactions on Purchasing Services.....	129
Marchuk A.-M. Team Chemistry for Effective Personnel Performance.....	131
Mikhalets A. Methodology for Implementation Quality Management System at the Enterprise... 133	
Olenyuk D. Healthcare Reform and Implementation in Ukraine.....	135
Osadchuk N. Case-Interview als Methode der Personalauswahl.....	138
Polchanov A. Position of Ukraine in Global Ratings in 2010-2016.....	139
Rudzej I. Die Finanzielle Planung der Tätigkeit eines Unternehmens.....	141
Shevchuk Yu. Print Advertising as Important Means for Providing Company's Communications.....	143
Shvets M. Attraction of Foreign Investment to Ukraine: Problems and Solutions.....	145
Strutovska Y. Problems and Perspectives of Ecotourism.....	148
Ushakov A. Providing Security of Accounting Information in the Conditions of Hybrid War....	151
Ushakov O. Challenges of Preparing an Integrated Report.....	152
Yatskovskyi V. Macroeconomic Indicators in the System of National Accounts.....	154
Zalyubovska V. National Debt and Management.....	158

Zangiev A. Socially Responsible Measures of the Company Intended to Provide Social and Economic Assistance for Military Men from the Area of Military Conflicts.....	160
4. CURRENT RESEARCH IN THE FIELD OF HUMANITIES	
Abulhalikov E. Using the Hallotalk Language Exchange App by the Military Students during the Independent Work.....	162
Berdishaev S. Lowering the Affective Filter for English Language Learners as a Way to Facilitate Successful Language Acquisition.....	163
Brodovska A. The World of Animals in English and Ukrainian Proverbs and Sayings.....	164
Bystrova B. The Peculiarities of Professional Training of Bachelors in Cybersecurity: American Model.....	166
Derkach N. Effective Ways of Learning English.....	168
Dovhopolyi V. Features of English Military Slang.....	170
Ivanysko N. Improvement of Students' Independent Work in Foreign Language Classes.....	173
Lutschko E. "Hyperion" von F. Hölderlin und "HYPERION" VON J. Keats: Ähnlichkeit und Unterschiede einer Interpretation des Antiken Mythos von Hyperion in Europäischen Romantik.	175
Lysenko V. Military Radio Traffic Slang in NATO AF.....	177
Novosiolov I. Moral in Policy.....	179
Ocheredko V. Reading as a Vital Part of Learning English.....	181
Ostapchuk O. Grammar Translation Method Versus Communicative Language Learning.....	182
Pirozhek M. Fashion Lexicon of the XX-XXI Centuries.....	184
Vanilchuk O. Integrating English Language and Computer Technologies.....	186
Zakapko O. Mind Map as a Modern Method for Processing the Information.....	189
5. CURRENT RESEARCH IN THE FIELD OF MEDICINE	
Dyka A. The Notion of Reanimation, Terminal States and Cardiopulmonary Resuscitation.....	192
Dymar M. Innovations that will soon Become a Reality.....	194
Kucheriyav V. Information Technology and Medicine.....	197
Lishchuk I. The Effectiveness of Problem-Based Learning in Medical Higher Education in Ukraine.....	200
Lobas R. Teaching Strategies for the Visual Learning.....	202
Malivanchuk M. Augmented Reality in Healthcare will be Revolutionary.....	204
Pilipchuk K. Pregnancy as an Amazing Phenomenon.....	207
Tretiakova N. Laparoscopy and Laparoscopic Surgery.....	209
Zinkovska K. Diseases of the Future.....	212