

## CONTENTS

### **6<sup>th</sup> INTERNATIONAL ACADEMIC CONFERENCE “CHEMISTRY & CHEMICAL TECHNOLOGY 2017”**

<i>Antoniuk V., Krasinskyi V., Khamula N., Yurkiv I.</i> Rheological Properties of Compositions Based on Modified Polyvinyl Alcohol .....	22
<i>Saiuk D., Bukartyk N., Shevchuk O., Tokarev V.</i> Cross-Linked Polymer Hydrogels with Embedded Semiconductor Nanocrystals .....	24
<i>Znak Z., Sukhatskii Y., Zin O., Mnykh R., Khomiak S., Hrabarovska A.</i> Peculiarites of Benzene Decomposition in Cavitation Fields .....	26
<i>Skoretska I., Beznosyk Yu.</i> Modeling of Heterogeneous Catalytic Recovery Process of Ketones .....	28
<i>Dziaman I., Kycherenko A., Moravskyi V.</i> Investigation of the Activation Efficiency of Powdered Polyvinylchloride .....	30
<i>Kopak N., Stasevych M., Zvarych V., Nahide Gulsah D., Cigdem S., Ozyurek M., Guclu K., Vovk M., Novikov V.</i> Anthraquinonylhydrazones of $\alpha$ -Active Ketones and $\beta$ -Carbonyl-containing Compunds: Synthesis and Antioxidant Activity .....	32
<i>Skydanenko M., Kononenko M., Kurdes Yu.</i> Influence of the Vibration Source Location on the Modes of Jet Disintegration in the Priller and on Monodispersity of the Finished Product .....	34
<i>Chaykivska R., Sozanskyi M., Stadnik V., Guminilovich R., Shapoval P., Yatchyshyn Yo.</i> Investigation of HgSe Films, Deposited from Aqueous Solutions with Different Complexing Agents .....	36
<i>Korchak B., Kochubei V., Chervinskiy T., Hrynyshyn O.</i> Changes in the Thermal Stability of Mineral Motor Oils After its Using in Diesel Engine .....	38
<i>Shepida M., Dobrovetska O.</i> Sedimentation of Silver and Palladium on the Silicon Surface by Galvanic Replacement .....	40
<i>Melnik R., Serdiuk V., Shevchuk O., Tokarev V.</i> Synthesis of Microcapsules with Encapsulated Magnetic Nanoparticles for $\alpha$ -amylase Immobilization .....	42
<i>Husarova O., Shapar R.</i> The Features of Fruits Drying in the Production of Natural Chips .....	44
<i>Sachuk O., Valery Zazhigalov, Diyuk O.</i> The Mechanochemical Influence on the Physico-chemical Properties of CeO <sub>2</sub> -MoO <sub>3</sub> System .....	46
<i>Sanzhak O., Brazhnyk D., Azimov F.</i> Photodegradation of Aqueous Solution of Benzene and Phenol Using Nitrogen Doped TiO <sub>2</sub> Supported on Silica Gel .....	48
<i>Paiuk O., Volianiuk K., Sobko I., Nadashkevych Z., Mitina N., Zaichenko O.</i> Synthesis, Properties and Application of Amphiphilic Copolymers Based on Poly(fluoroalkylmethacrylate)s With Terminal Peroxide Group .....	50
<i>Nagorniak M., Oleksa V., Dron I., Stasiuk A., Maikovich O., Bordeniuk O.</i> Esterification of Dextrose by the N-derivatives of Glutamic Acid Using Steglich Reaction .....	52
<i>Hlad R., Shapoval P., Stadnik V., Sozanskiy M., Guminilovich R., Yatchyshyn Yo.</i> Influence of the Deposition Time on the Structure and Optical Properties of Indium Sulfide Films (In <sub>2</sub> S <sub>3</sub> ) .....	54
<i>Tupychak M., Shyyka O., Pokhodylo N., Obushak M.</i> New Heterocyclic Scaffolds with Thiophene and 1,2,4-triazole Rings .....	56
<i>Makarova L., Pliushko O., Zhyl'tsova S., Opeida Io.</i> Effectiveness of Fenton Reagent in Oxidation Process of Methyl Violet Dye .....	58
<i>Shved M., Pyshyev S., Prysiazhnyi Yu., Sagan O.</i> Effect of Oxidant Composition on Obtaining Raw Material for Pulverized Coal Production from High-sulfuric Low Grade Coal .....	60
<i>Melnik Yu., Tsvyk V., Skorokhoda T.</i> Diffusion-transport Properties of Hydrogel Membranes Based on Copolymers of 2-hydroxyethyl Methacrylate with Polyvinylpyrrolidone .....	62
<i>Chopyk N., Vashchuk K., Melnyk S., Skorokhoda V.</i> Composite Hydrogel Materials of Biomedical Application with Fungibactericidal Properties .....	64
<i>Demchuk Yu., Gunka V., Pyshyev S., Bratychak M., Lypko Yu.</i> Bitumen Modified by Phenol-Cresol-Formaldehyde Resins Obtained From Coking By-products .....	66
<i>Orobchuk O., Pidsadiuk M., Subtelnyi R., Dzinyak B., Fuch Y.</i> Emulsion Co-oligomerization of Hydrocarbon Fraction C <sub>9</sub> With the Polyvinylchloride Production Waste as a Dispersion Medium .....	68
<i>Masyuk A., Paraschak O., Levytskyi V.</i> Influence of the Nature of Metal-Containing Polymer-silicate Filler on the Physico-mechanical Properties of Polypropylene .....	70
<i>Katruck D., Levytskyi V.</i> The Effect of Poly(vinyl chloride) and Filler on Technological Properties of Polyester Composites .....	72

<i>Vashkurak U., Falyk T., Shevchuk L.</i> The Influence of the Nature of the Gas into the Cavitation Destruction Organic and Biological Contamination of Wastewater from Brewing Industry.....	74
<i>Shpyrka I., Nebesnyi R., Sydorchuk V., Khalameida S., Ivasiv V., Zavalii K.</i> Catalysts of Aldol Condensation of Acetic Acid with Formaldehyde.....	76
<i>Yakubik V., Zayats S., Havryliv R.</i> Kinetics of Polymer Dispersion Drying by the Conduction Method.....	78
<i>Zhyhalo M., Demchyna O., Demydova Kh., Yevchuk I.</i> Rheological Investigation of Sol-Gel Systems Based on 3-Methacryl-Oxypropyl Trimethoxysilane .....	79
<i>Pidhirnyi R., Hlukhaniuk A., Motrunich O., Ivashchuk O., Starchevskyy V.</i> The Simulation of Cavitation Process Using the Engineering Analysis Methods .....	81
<i>Palianytsia L., Berezovska N., Kosiv R., Pikh Z., Kharandiuk T.</i> Activation of Alcohol Yeast.....	83
<i>Koval I.</i> Comparison of the Bacteria Destruction with and Without Gas Action and Cavitation .....	85
<i>Baran N., Melnyk Yu., Grytsenko O., Yaculchak G., Shapoval C.</i> Development of the Forming Technology of Combined Membranes Based on Hydrogel and Polycaproamide .....	87
<i>Nagurskyy A., Grynyshyn O., Khlibyshyn Yu., Antoshkiv D.</i> Compounded and Raw Rubbers for Bitumen Modification.....	89
<i>Kostiv I., Marshalok G.</i> Effect of the Reactants Molar Ratio on the Kinetics of Cycloaddition of 2,3-Dimethylbuta-1,3-diene to methylacrylate .....	91
<i>Kovalchuk T., Kostiv I.</i> Investigation of Kinetic Regularities of Rice Drying Process .....	95
<i>Werner Ł., Jackiewicz-Zagórska A., Gac Ja.</i> Simultaneous Filtration of Liquid and Solid Aerosols on Fibrous Filters.....	97
<i>Danyliuk O., Atamanyuk V., Bachyk M., Romanov V.</i> Dissolution of solid polydisperse materials during pneumatic mixing.....	99
<i>Wierzba P., Krasinski A.</i> Preparation of Highly Hydrophobic Cellulose Based Surfaces by Silica Particles and Fluorosiloxane Deposition .....	101
<i>Kovalchuk A., Pidhirnyi R., Lesiuk U., Ivashchuk O.</i> The simulation of the heat transfer equipment using methods of engineering analysis.....	103
<i>Kindzera D., Atamanyuk V., Hosovskyi R., Shkromyda M.</i> The heat transfer during the filtration drying of the grinded sunflower stems .....	105
<i>Atamanyuk V., Huzova I., Gnativ Z., Hrynkiv M., Bodnar M.</i> Research of the process of regeneration of activated carbon during filtration drying .....	107
<i>Mariichak O., Shevchenko M., Rozantsev G., Radio S.</i> Pr-, Nd-, and Eu-Containing Heteropoly Tungstates With Peacock-Weakley Anion: Synthesis From Aqueous-Acetone Media, FT-IR Spectroscopy, and Surface Micromorphology .....	109
<i>Chobit M., Vasyliev V., Panchenko Yu.</i> Application Of Oil And Fat Industrial Wastes For Modification Of The Fillers .....	111

**4<sup>th</sup> INTERNATIONAL ACADEMIC CONFERENCE  
“ENVIRONMENTAL PROTECTION,  
NATURAL RESOURCE MANAGEMENT AND TOURISM 2017”**

<i>Alper A., Ceyhun Ç. Kilinç, Şahin M., Gazi E.</i> Measuring the Awareness Level of Local Tourists in Their Tourism and Environment Relations: A Research in Tarsus .....	114
<i>Dyachok V., Katysheva V.</i> About problem of absorption of greenhouse gas by chlorophyllsynthesizing microalgae in the presence of sulfur dioxide .....	118
<i>Pryshliak N.</i> Public Policy and Biofuels: Energy, Environment and Food Trilemma.....	120
<i>Soloviy Kh., Malovanyy M.</i> Conditions for cyanobacteria biomass development and selection for further processing .....	122
<i>Kholiavka L., Olishev's'ka O.</i> Peculiarities of ecological labeling of goods in Ukraine .....	124
<i>Kholiavka L., Yahodynets O.</i> Problems and prospects for export development of domestic organic production for the European Union Market.....	126
<i>Martynyuk V., Dzvonyk V.</i> Macroeconomic factors of commercial entrepreneurship development in Ukraine .....	128
<i>Dzhumelia E., Pohrebennik V.</i> Environmental Impact of Mining and Chemical Industry .....	130
<i>Bets M., Magdych M.</i> Development of the Production of Ecological Goods in Ukraine and Their Labeling and Compliance With Standards.....	132
<i>Bets M., Basiuk N.</i> Contents of the socio-environmental responsibility in electronic equipment and machinery trade.....	134

<i>Bulatsyk S., Yavorska N.</i> European demands for food quality and safety .....	136
<i>Hensemkiy D., Farat O.</i> Relevance of implementation of the system of technical ISO quality control by companies in the agricultural sector .....	138
<i>Zin'ko O., Yavorska N.</i> Features of environmental labeling in Ukraine.....	140
<i>Peresunko A., Danko T.</i> Importance of use international standards of quality in Ukraine.....	142
<i>Sereda A., Sliusar V., Vronska N., Malovany M.</i> Research of infiltrates content of landfills of hard domestic wastes (HDW) (on the example of Lviv landfill) .....	144
<i>Svyryda I., Popovych O.</i> Analysis of the environmental impact Ltd." Tarkett Vinisin " Kalush .....	146
<i>Sabash V., Habuda A., Gumnitsky Ya.</i> Adsorption of Cu <sup>2+</sup> and Cr <sup>3+</sup> cations by modified sorbents.....	148
<i>Hyvlyud A., Pohrebennyk V., Politylo R.</i> Assessment of water resources in city Stryi of Lviv region .....	150
<i>Prykhodchenko D., Tykhonenko V.</i> Development of "Archaean rocks" tour itinerary through the objects of geological heritage of Dnipropetrovsk region .....	152
<i>Bilous S., Chornobrov O., Overchenko O.</i> Preservation of Ancient and Old Value Trees of Ukraine with Using Biotechnology Methods.....	154
<i>Lyuta O., Gumnitsky Ya.</i> The mathematical description of molecular diffusion penetration of fertilizers into the soil .....	156
<i>Kanda M., Malovany M., Odnorih Z.</i> Disposal of poultry droppings with the use of natural sorbents .....	158
<i>Dyachok V., Marakhovska A.</i> Analysis of process parameters of wastewater treatment of edible oils production .....	160

**7<sup>th</sup> INTERNATIONAL ACADEMIC CONFERENCE  
“ELECTRIC POWER ENGINEERING  
& CONTROL SYSTEMS 2017”**

<i>Biletskyi R., Biletskyi Yu.</i> Nonlinearity compensation for two-zone energy-shaping control systems of DC drive.....	164
<i>Binkevych T.</i> Means and devices of lightning protection of overhead transmission lines of voltage class 110 – 750 kV .....	166
<i>Nakonechnyi I., Kuzyk M.</i> Combined heating system based on solar collector and district heating .....	168
<i>Fedoryshyn R., Klos S.</i> Analysis of Pulse-Width Modulation Methods.....	170
<i>Kokoshko R., Kril B., Kril O.</i> Development of flow meters and assistive devices for the technological air and carbon dioxide accounting.....	172
<i>Kuzmenko I., Gourjii A.</i> Modelling of hydrodynamic processes inside coaxial channels of regular packing of cooling tower .....	174
<i>Kuznetsova M., Romaniv V.</i> Study of Working Efficiency of Cooling Towers of Nuclear Power Plants.....	178
<i>Vlasenko M., Muzychak A.</i> Implementation of biogas plants at food industry enterprises.....	180
<i>Livyi D., Ivannikov A.</i> Independent Controlling the Consumer of Electricity from Several Points .....	182
<i>Medvidčík R., Muzychak A.</i> Smart lighting for corridors of an educational institution building.....	184
<i>Romanuk O., Kril B., Kril O.</i> Improvement of the Mechanical Consistometers for Paper Pulp .....	186
<i>Lys S., Rymar T., Yurasova O., Bura M.</i> Analysis of experimental researches of wood gasification process in a continuous layer .....	188
<i>Mysak S., Kovalenko T.</i> Determination of the Armor Wear and Tear of the Drum Ball Mill .....	190
<i>Roman V., Matiko F., Kovalchuk I.</i> Hydrodynamic Flow Measurement Error of Ultrasonic Flowmeters.....	192
<i>Kulyk M., Kravets T., Medvedeva A.</i> Method of increasing the ecological indicators of the process of combustion of organic fuel in TPP boilers .....	194

**8<sup>th</sup> INTERNATIONAL ACADEMIC CONFERENCE  
“GEODESY, ARCHITECTURE & CONSTRUCTION 2017”**

<i>Golubinka Iu., Kramarenko S., Lompaš O., Marchenko D.</i> Toward geodynamic studies and GNSS CORS measurements: West Ukrainian GNSS network data processing using Bernese v5.2 software.....	198
<i>Shylo O., Shylo Ye.</i> The Definition of Deviation of “Geoevolutionary” Plumb Line Based on Data from the Transformation of the Earth .....	202

<i>Doskich S., Moviaka O., Semenchuk V.</i> Monitoring crustal deformations in Carpathian fold system.....	206
<i>Lozynskyi V.</i> Analysis of Archival Cartographic Materials for the Modeling of Digital Terrain Model of the Lviv City Landfill during 1988-2008 .....	208
<i>Haihel Yu.</i> Models of representation of selenopotentials by spherical functions and using point masses.....	210
<i>Bugaienko O.</i> The Peer Land Exchange in Land Readjustment Models .....	212
<i>Golębiewski M.</i> Hemp-Lime Bio-Composites – Properties and Applications in Architectural Design .....	214
<i>Khymytsia O.</i> Mobile housing design: overview of current trends .....	216
<i>Brych M.</i> The significance of open-air museums for preserving of memorable architectural ensembles of Ukraine.....	218
<i>Khorosha O.</i> The basic principles of the formation of the palace architecture of the Eastern Podillya in the period of early classicism .....	222
<i>Subin-Kozhevnikova A.</i> Educational establishments and their role in the formation of the architectural environment of Vinnytsia at the beginning of the XX century.....	224
<i>Verba V., Charaf Yo., Ouassim T.</i> Bearing capacity of anchors in thin aerated concrete masonry under tension and shear loading.....	226
<i>Chernychuk E., Bazylevych V.</i> Optical illusions: the path of enlightenment.....	228
<i>Tkachuk H., Bilinska O.</i> The evolution of the ceiling in architecture .....	232
<i>Pivtorak Yu., Bilinska O.</i> Straw in architecture: traditions and future .....	240

**6<sup>th</sup> INTERNATIONAL ACADEMIC CONFERENCE  
“MECHANICAL ENGINEERING,  
MATERIALS SCIENCE, TRANSPORT 2017”**

<i>Shenbor V., Korendiy V., Brusentsov V.</i> Ways of Improvement of Productiveness of Vibratory Tubular Conveyors .....	248
<i>Dmyterko P., Novitskyy Yu., Gurey V.</i> Impact of Processing Modes and Parameters of the Working Part of the Instrument on the Surface Quality of Flat Parts During High-Speed Friction Hardening.....	250
<i>Slipchuk A., Datsishin Yu.</i> Improving the Quality of Technology of Pressing the Tungsten Carbide Inset Cutter in Roller Cone Bit .....	252
<i>Korendiy V., Shenbor V., Shenbor Yu.</i> Improvement of Structural Diagrams of Vibratory Separators with Electromagnetic Drive .....	254
<i>Chervoniak V.</i> Substantiation of Parameters of the Mechanism of Initial Orientation of the Package .....	256
<i>Torbych B.</i> Research of Pneumatic Systems of Automatic Dosing of Liquid .....	258
<i>Novitskyy Yu., Dmyterko P.</i> Optimization of Damping Parameters of Self-Oscillations of Multifrequency Oscillatory System .....	260
<i>Rykavets Z., Ryzhak D., Romaka L., Shvachko S., Romaka V.</i> Experimental and First-principle study of TmNiSb half-Heusler Alloy .....	262
<i>Vishtak I., Savulyak V.</i> Prospects for the use of nanomaterials and nanocoatings for high-speed spindles .....	265
<i>Prykhodko V., Zhytenko A.</i> Study of Comfort Pedestrian Traffic Conditions.....	267
<i>Postranskyi T., Afonin M.</i> The change of bus driver's functional condition, moving in the plain road.....	269
<i>Bojkiv M., Kruchynina K., Bura R.</i> Investigation of transport noise on the streets of Lviv depending on the type of road surface .....	271
<i>Bura R., Davosyr V.</i> Analysis Of Factors Which Define Time Losses In Traffic Flow.....	273
<i>Vovk Yu.</i> Dependence of public transport service quality indicators priority from the respondent's age.....	275
<i>Hrytsun O., Davosyr V.</i> Impact Of Unregulated Pedestrian Crossings On Road Network Capacity .....	277
<i>Yevchuk Yu., Vilshanetska K.</i> Evaluation Of The Introduction Of Public Transport Movement Priority On The Regulated Crossroad .....	279
<i>Masonkov O.</i> Research methods of service quality on public transport .....	281
<i>Plesak S., Pryhoda M., Sosed A.</i> Application of forecast methods to determine the functional condition of the driver .....	283
<i>Sotnikova A.</i> Methods of the passenger's functional state research .....	285
<i>Furman O.</i> Hardware and software for road user's functional state research.....	287

**6<sup>th</sup> INTERNATIONAL ACADEMIC CONFERENCE  
“ECONOMICS & MANAGEMENT 2017”**

<i>Blynda Yu., Bilyk O., Khymych O.</i> Stages of the process for the choice of investment strategy .....	290
<i>Boychuk A.</i> Formation and implementation of an innovative program at cause-and-effect approach .....	292
<i>Duma O.</i> Export operations to the EU markets and advices of how to do it right.....	294
<i>Duma O.</i> Efficiency Of Public Administration In Ukraine.....	297
<i>Dziubińska A.</i> The Role of the Institutions in Organizational Knowledge Replication – Lesson from MNC Investing in Emerging Business Environment.....	300
<i>Fedorchak O., Kedebecz K.</i> Analysis of success factors in advertising.....	306
<i>Golovko L.</i> General Principles and Priorities of Economic Providing of Sustainable Development: Realities and Directions of Improvement.....	308
<i>Grin'ko I., Solonets D., Golovko L.</i> Problems of Growth Competitiveness of The Enterprise.....	312
<i>Janiszewski A.</i> Breaking organizational routines as a requirement for knowledge broker's leadership role.....	314
<i>Karkovska V., Yaremko I.</i> Ways to combine the results of the analysis of employees activity of state authorities.....	317
<i>Kniaz S., Kizun A.</i> Export Import Relations Dynamics between Ukraine and EU.....	319
<i>Kopylova O.</i> Formation of stock market trade networks model in modern condition.....	321
<i>Kulyniak I., Kopets G.</i> Development of Innovative Entrepreneurship in Ukraine.....	327
<i>Lekh I.</i> Motivation In The Modern World .....	329
<i>Martyniuk V., Tur N.</i> Analysis of the dynamics of sales volumes of the domestic machine-building complex.....	331
<i>Matviy S., Korol Ya.</i> Commercialization of scientific and technical researches of universitiees .....	333
<i>Mazur A., Muzychuk I.</i> The concept of sustainable economic development of Ukraine on the basis of "green" economy.....	335
<i>Melnik O., Adamiv M.</i> Economic costs of corruption development in Ukraine and ways to overcome them in terms of European integration.....	337
<i>Moiseenko D., Mushyn I., Golovko L.</i> Agricultural Products in the International Market .....	339
<i>Popadynets N., Pasternak O.</i> Marketing instruments of Ivano-Frankivsk oblast promotion in terms of cross-border cooperation .....	341
<i>Rusanovska O.</i> The expediency of using evaluation indicators of logistics processes effectiveness in the system logistics activities controlling.....	343
<i>Şahin M., Karaman A., Ateş A.</i> Whistleblowing in the Enterprises and The Influence Of Whistleblowing On The Business Performance .....	345
<i>Stanasyuk N., Kishchun A.</i> Growth of the role and importance of service industry in the modern global economic space .....	348
<i>Strypa N., Didukh O.</i> Virtual Organization as an Innovative Form of Business Management.....	350
<i>Yemchenko I., Lehusha L.</i> Main EU requirements for goods safety and quality .....	352
<i>Zielińska A., Galka A.</i> Marketing Logistics .....	354
<i>Dziurakh Yu.</i> Management of Investment Risks .....	356
<i>Halanets V., Dziurakh Yu.</i> State Financial Support of Agricultural Products Producers .....	358
<i>Karpiak A.</i> Factors of functioning and development of information technologies in the national economy .....	360
<i>Sadova U., Andrusiv S., Tesliuk R.</i> Mobilization function of The ukrainian-polish migration system: local measurement.....	362

**7<sup>th</sup> INTERNATIONAL ACADEMIC CONFERENCE  
“HUMANITIES AND SOCIAL SCIENCES 2017”**

<i>Baiko L., Khymytsia N.</i> Local government websites: making citizens be customers .....	368
<i>Duma O.</i> Modern Terrorism: Consequences And Solutions .....	370
<i>Husakova K.</i> The role of mass media in the process of settlement of social problem of people with disabilities in modern Ukrainian society .....	373
<i>Khymytsia N., Ustyianovich T.</i> Application of Big Data in Historical Science .....	375
<i>Khymytsia N., Kolos S.</i> Main tendencies of the Internet development in the future and new Internet professions .....	377
<i>Konukhov S.</i> Images of European culture in Ukrainian history textbooks .....	379
<i>Koval O., Turchyn Ja.</i> National Interests of Ukraine in Implementing the Baltic-Black Sea Union Project .....	381

<i>Kurdyna Yu., Shapovalova K.</i> Historical Museums of the 21-st Century: Prospects of the Mission .....	383
<i>Lyseyko Ya., Ivanio S.</i> The noble coat of arms on a female portrait of the 17th – early 20th centuries in the collection of the Lviv Historical Museum.....	385
<i>Panas N.</i> Construction of the main building for the Tsisars-Royal Technical Academy in Lviv in 1873-1877 on the pages of «Gazeta Lwowska» newspaper .....	387
<i>Shvachko S., Verkhoturova M., Pishatchin M.</i> Metallographic examination of 16 <sup>th</sup> century cannon material from the collection of Lviv History Museum.....	389

**9<sup>th</sup> INTERNATIONAL ACADEMIC CONFERENCE  
“COMPUTER SCIENCE & ENGINEERING 2017”**

<i>Dyachok R., Hrytsyshyn O., Salamaha S.</i> System of Detection and Scanning Bar Codes in Panoramic Images on Raspberry PI .....	392
<i>Shakhovska Kh.</i> Making answer algorithm for chat-bot.....	394
<i>Khomits V., Hlukhov V.</i> Approach To Implementation On Fpga Of Data Compression Algorithm C Language Descriptions By The Means Of Vivado Package .....	396
<i>Chopey R., Knysh B., Fedasyuk D.</i> The model of software execution time remote testing .....	398
<i>Dmitriev V.</i> The Heat Treatment Influence on the Main Quality Indicators of Ag/n-n <sup>+</sup> GaAs Heterojunctions.....	402
<i>Griga V., Gizun A., Lanovyi I.</i> Formation of identifying parameters reference values of information and psychological impact .....	404
<i>Hryhorovych B.</i> Methods of solving the problem of calculation the optimal path on a given relief .....	410
<i>Rzheuskiy A., Kunanets N., Malynovskiy O.</i> The Means of Building Digital Libraries .....	412
<i>Rybchak Z.</i> Modification of the initialization and crossing methods of ant and genetic algorithms for solving the transport problem in the tourism.....	414
<i>Zavuschak I.</i> User Interface Constructed on the Contextual Knowledge that Describing Ontology.....	416
<i>Myklich Kh., Burov Eu.</i> Logical inference mechanism in situational awareness systems.....	418
<i>Zholubak I., Hlukhov V.</i> Hardware complexity of multipliers of extended Galois field in FPGA .....	420
<i>Erdogan F., Sakar M. G.</i> A Fitted Numerical Method for Singularly Perturbed Integro Differential Equations with Delay .....	422
<i>Sakar M. G., Erdogan F.</i> Numerical Solution of Singularly Perturbed Convection-Diffusion Equations.....	425
<i>Karbovnyk I., Lukashevych D., Chalyy D., Klym H.</i> Electrical Properties of Single-and Multi-Walled Carbon Nanotubes Composites at Low Temperatures .....	428
<i>Klym H., Kostiv Yu.</i> Positron Annihilation Lifetime Spectroscopy in Application to Nanostructured Glasses and Ceramics .....	430
<i>Kostyk A., Hlukhov V., Berezko L.</i> The research of multiplication in the ternary Galois fields.....	432
<i>Lykhotop D.</i> Mobile LAN based on BLE-configurable wireless Wi-Fi modules .....	434
<i>Kadhim Rahma M., Hlukhov V.</i> Computing Square Roots and Solve Equations of ECC over Galois Fields .....	437

**4<sup>th</sup> INTERNATIONAL ACADEMIC CONFERENCE  
“LAW AND PSYCHOLOGY 2017”**

<i>de Vey Mestdagh C.N.J., Kamphorst A., Noordhoek J. H., Mulder T., van der Waaij H. T.</i> The Dogmata of Secrecy: Are we Realistic about the Facts and Impact of Massive Leaks of Classified Information?.....	442
<i>Kitsa M.</i> Violations of the law about advertising in Ukrainian media .....	450
<i>Lesko N.</i> State policy to protect children from violence.....	452
<i>Ortynska N.</i> Guarantees of rights and freedoms of minors.....	454
<i>Radeiko R.</i> Ensuring privacy right when using social networks .....	456
<i>van Geelkerken F.W.J., Konings K.</i> Using Blockchain to strengthen the rights granted through the GDPR.....	458