CONTENTS

APPLIED GEOMETRY, ENGINEERING GRAPHICS AND ERGONOMICS
Borisenko V.D., Ustenko S.A., Ustenko I.V., Kuzma K.T.
GEOMETRIC MODELING OF CURVILINEAR SECTIONS S-SHAPED RAILWAYS
INDUSTRIAL ENGINEERING
Kuzmenko T.M.
COLD WEAPON CERTIFICATION IN UKRAINE
Rudasov V.B., Yakubovskyi O.M., Holovina O.V. CURRENT TRENDS IN THE USE OF HIGH STRENGTH STEEL IN AUTOMOBILE BUILDING
CURRENT TRENDS IN THE USE OF HIGH STRENGTH STEEL IN AUTOMOBILE BUILDING12
EQUIPMENT
Ladyzhenskyi O.V.
ULTRASONIC CONTROL OF OBJECTS WITH A COMPLEX SURFACE SHAPE
Ovcharuk V.T.
TECHNICAL AND ECONOMIC ANALISIS OF INNOVATIVE LABELING TECHNOLOGIES
FOR EXPERIMENTAL PRODUCTION
Skakun O.V., Voskresenskiy V.B.
THE QUESTION OF THE OPTIMAL CHOICE OF A DIGITAL OSCILLOSCOPE
FOR THE NEEDS OF THE TEST CENTER (FROM PRACTICAL EXPERIENCE)
RADIO ENGINEERING AND TELECOMMUNICATIONS
Valyuskiy S.V., Furtat O.V., Shushin I.O., Turchyn Ya.V.
METHOD OF INCREASING THE CONNECTION OF MANET NETWORKS WITH THE USE OF UAVS37
Korchak O.V., Krutin Y.V., Reznikov M.I., Felinskyi G.S.
TERAHERTZ RADIATION SOURCE BASED ON LASER SRS PHOTONICS
INTERDITATION COMPUTED THOUSED IN CAMPANIAN AND AUTOMATION
INFORMATICS, COMPUTER ENGINEERING AND AUTOMATION
Abharian Yu.S.
REMOTE DICTIONARY SERVER AS ONE OF THE MAIN STRUCTURES
OF THE NETWORK DATA WAREHOUSE
Babchynska T.V., Dyka A.I. SYSTEM ANALYSIS OF INTELLECTUAL RESOURCES FOR INFORMATION SUPPORT
OF LEARNING ACTIVITIES
Bahan T.H., Boun V.P., Bezuhlyj R.O.
ADAPTIVE MICROCLIMATE CONTROL SYSTEM BASED ON HEAT PUMP
Holovina K.P., Kasian K.M., Kasian M.M.
WEB-BASED APPLICATION FOR LEARNING IT-COURSES
Dolhikh A.O., Baibuz O.G.
INFORMATION TECHNOLOGY OF ENSEMBLES FORECASTING USING PARALLEL COMPUTING79
Zhuchenko A.I., Sytnikov A.V., Gubar B.P.
MATHEMATICAL MODEL OF EXTERNAL HEAT EXCHANGE OF GLASS FURNACE
Zavgorodnii V.V., Zavgorodnya A.A., Valyavska N.O., Adamenko V.S.,
Dorogovtsev E.V., Nesmachny P.V.
METHOD OF AUTOMATIC CONTENT GENERATION BASED ON PROCEDURAL ALGORITHMS91
Kan Yu.Ye., Liashenko O.M., Kyryichuk D.L. RESEARCH OF METHODS AND ALGORITHMS FOR BUILDING A MOBILE SOFTWARE SYSTEM
FOR THE DEVELOPMENT OF DIGITAL LITERACY97
Kvasha Yu.V.
RESEARCH OF THE INFLUENCE OF THE DISPLACEMENT OF TWO-WHEELED
SELF-BALANCING ROBOT'S CENTER OF MASS ON THE OUALITY OF SPEED REGULATION10

Kirichek G.G., Shchetinin M.O. ANSIBLE-BASED SERVERS CONFIGURATION MANAGEMENT)9
Klymchuk I.O., Potapova K.R., Tarasenko-Klyatchenko O.V. FEATURES OF ORGANIZATION OF SOUND INTERFACE FOR PEOPLE WITH SPEECH DEFECTS11	15
Kungurtsev O.B., Novikova N.O. CONSTRUCTING OF A SUBJECT AREA MODEL IN THE PROCESS OF THE INFORMATION SYSTEM DESIGNING	
Levkin D.A	21
NUMERICAL METHODS AND MATHEMATICAL MODELS OF OPTIMIZATION OF PARAMETERS OF BIOTECHNOLOGICAL PROCESSES	28
Lysenko O.I., Tureychuk A.N., Guida O.G., Novikov V.I., Sushin I.O., Nidchenko I.A. METHODOLOGY OF SUBSTANTIATION OF REQUIREMENTS TO THE COMPOSITION OF THE SENSORS OF THE WIRELESS SENSOR NETWORK OF INFORMATION SUPPORT OF PROCEDURES AND ALGORITHMS OF THE SYSTEM OF ECOLOGICAL MONITORING OF THE DISTRIBUTED MAN-CAUSED OBJECT	33
Makarova L.M., Latanska L.O., Nikitin O.V., Nikitina O.Yu. MATHEMATICAL MODELS FOR SOFTWARE SIZE ESTIMATION FOR CROSS-PLATFORM DEVELOPMENT OF MOBILE APPLICATIONS USING XAMARIN PLATFORM	50
Nevliudov I.Sh., Yevsieiev V.V., Demska N.P., Valkivskyi Yu.I. DEVELOPMENT OF A 3D MODEL OF A MANIPULATOR	
FOR MOBILE ROBOTIC PLATFORMS BASED ON UNIGRAPHICS NX	57
Novak D.S., Moshenskyi A.O., Lisovets S.M., Guida O.G., Pavlenko Ye.Ye. INFORMATION SYSTEM FOR REMOTE EVALUATION OF TEMPERATURE, RELATIVE HUMIDITY AND ATMOSPHERIC PRESSURE	55
Pokhylenko O.A., Baklan I.V. MAINTENANCE OF EVOLVING HYBRID INTELLIGENT SYSTEMS. 17	75
Prokopenko O.O., Antonenko N.S., Hulei O.B. TECHNICAL CONDITION OF GAS TRANSMITTING EQUIPMENT, PROBLEM ANALYSIS AND DIRECTIONS FOR SOLVING PROBLEMS	82
Sikora O.V., Vdovychyn T.Ya., Shih N.V. OBJECT-ORIENTED APPROACH TO THE ESTABLISHMENT OF ELECTRONIC LIBRARY SYSTEM 18	39
Tereikovskyi I.A., Kulakov Y.O., Tereikovska L.O., Tereikovskyi O.I. PARAMETERS FOR ASSESSING THE EFFICIENCY OF PERSONALITY RECOGNIZATION BY THE IRIS AND THE RETINA OF THE EYE	95
POWER ENGINEERING	
Bednarska I.S., Sheleshei T.V., Merenher P.P., Goncharov O.V., Shakhbazov I.O. CALCULATED EVALUATION OF QUANTITATIVE INDICATORS OF NITROGEN OXIDES WHEN USED AT DIFFERENT ENERGY INSTALLATIONS	00
Belyanovskaya E.A., Sklyarenko A.I., Sukhyy K.M., Pustovoy G.N., Sukhyy M.P., Prokopenko E.M., Yeromin A.O. UTILIZATION OF LOW-POTENTIAL HEAT ENERGY WHEN STEAM	
COMPRESSOR-DRIVEN REFRIGERATION PLANT OPERATED)6
Nazarova I.O. UTILIZATION OF HEAT BOILERS EXIT GASES IN THE CONTACT HEAT EXCHANGER	12
Pukhovyi I.I., Nazarova I.O. DIRECT USE OF LOW-TEMPERATURE ENERGY SOURCES FOR HEATING THE BUFFER ZONES OF BUILDINGS	17
Tarasov D.O.	
STUDY OF THE SYNTHESIS OF THE AUTOMATIC LEVEL REGULATION SYSTEM IN THE GROUP OF LOW-PRESSURE HEATERS	23

RESOURCE DEVELOPMENT Konoval V.M., Ishchenko K.S.

THEORETICAL AND EXPERIMENTAL RESEARCHES OF DIFFERENT-GRADE EXPLOSIVE LOAD OF SOLID ENVIRONMENT ON CHARGE LENGTH OF VARIABLE CHARGE CROSS SECTION229
CHEMICAL TECHNOLOGY
Bakalinska O.M., Hrynko A.M., Petrenko T.V., Perepelytsia O.P., Petrovska V.V. INTERACTION OF DOUBLE MOLYBDATES OF REE AND COPPER(I)
WITH HYDROGEN PEROXIDE
Yefimova V.G., Pilipenko T.M., Matveeva A.V. DEVELOPMENT OF THE COMPOSITION OF EMULSION COSMETIC PRODUCT WITH PHYTOSTEP OLG PASED ON EMHI GENERAL OPLICATION OF THE COMPOSITION OF THE COMPOSITION OF THE COMPOSITION OF T
WITH PHYTOSTEROLS BASED ON EMULSIFIERS OF NATURAL ORIGIN
TECHNOLOGY OF FOOD PROCESSING AND CONSUMER GOODS INDUSTRY
Frolova N.E., Makaliuk K.O., Kovalova O.A., Karpenko L.M., Zaluzhnyi T.V. SCIENTIFIC RESEARCH OF EXPANSION OF RESTAURANT TECHNOLOGIES ACCORDING TO AYURVEDIC RECOMMENDATIONS
Yushchenko N.M., Marinin A.I., Chernova V.D., Savitskaya A.A.,
Novikov V.V., Shevchenko V.Yu., Plyuta V.V. DEVELOPMENT OF FOOD RECIPES FROM PLANT RAW MATERIALS BASED
ON THE PRINCIPLES OF AYURVEDIC NUTRITION
TRANSPORT
Bernevek T.I., Pavlova N.L., Tykhonina I.I. DIRECTIONS FOR THE DEVELOPMENT OF CARGO TRANSPORTATION BY SHIPS IN THE BLACK SEA REGION
Bychkovskiy Yu.V., Melnyk O.M.
THE ROLE AND PLACE OF THE HUMAN ELEMENT OF THE VESSEL COLLISION SITUATION WITH THE BERTH
Volkovska G.G., Zhukova S.O. EFFICIENCY OF AVIATION TRANSPORT ENTERPRISES IN A PANDEMIC
Gryshchuk O.K., Petryk A.V., Kozlov A.K., Bura O.M. PRINCIPLES OF CONSTRUCTION OF INTEGRATED SYSTEMS OF MANAGEMENT OF TRANSPORT AND PRODUCTION PROCESSES OF INTERNATIONAL DIRECTION
Daki O.A., Shtrybets V.V., Trofymenko A.O., Lihanenko V.V., Tryshyn V.V. METHODS FOR MONITORING THE STATE OF SHAFT DRIVE BEARINGS
Daki O.A., Shtrybets V.V., Trofymenko A.O., Lihanenko V.V., Tryshyn V.V. METHODS OF INCREASING THE FUNCTIONAL INDICATORS OF MARINE INTERNAL COMBUSTION ENGINES
Kyselov V.B., Lanovyi A.T., Kosharnyi O.M. MATHEMATICAL MODELING OF THE INFLUENCE OF THE FUNCTIONING OF THE ROAD NETWORK ON THE ECONOMY OF UKRAINE
Kuzhelovich V.I., Melnikov S.M. FUEL ECONOMY WHEN USING ARMORED VEHICLES IN UNITS AND SUBDIVISIONS OF THE NATIONAL GUARD OF UKRAINE GUE TO THE REPRODUCTION OF THE "IDEAL" DRIVER308
Urum N.S., Trofymenko I.V., Ivanenko V.M., Fedunov V.M., Bazhak O.V. RESEARCH OF DIRECTIONS OF IMPROVEMENT OF QUALITY OF WAVE MODELS USING METEOROLOGICAL MODELS ON THE BASIS OF MACHINE LEARNING METHODS
Fomin O.V., Lovska A.O., Fomina A.M., Lytvynenko A.S. DETERMINATION OF STRENGTH INDICATORS OF THE MODERNIZED
LOAD-BEARING STRUCTURE OF A FLATCAR WITH COMPOSITE STRUTS FOR THE TRANSPORTATION OF TIMBER IN SOLID WOOD

Shevchuk D.O., Maliarenko D.L.	
ANALYSIS OF THE INFLUENCE OF MAIN FACTORS	
ON AIRPORT RESOURCES UNDER UNCERTAINTY	322
CONSTRUCTION	
Nizhnyk V.V., Savchenko O.V., Dobriak D.O., Kravchenko N.V.	
ANALYSIS OF THE CURRENT STATE OF MANAGEMENT OF INDIVIDUAL FIRE RISK	
WITH THE USE OF FIRE PROTECTION SYSTEMS.	328
GEODESY	
Yazlyuk B.O., Buzina I.M., Vitrovyy A.O., Humennyi M.I.	
FUNCTIONAL ZONING OF TERRITORIES AS AN EFFECTIVE MECHANISM OF STUDY	
OF FEATURES OF SPATIAL DISTRIBUTION OF NATURAL COMPLEXES	
OF NPP "GOMILSHANSKY FORESTS"	334
INFORMATION ABOUT AUTHORS.	341