

CONTENTS

EQUIPMENT

Topchii N.V.

RISK ANALYSIS IN THE TEST LABORATORY OF THE ASSESSING AUTHORITY.....1

RADIO ENGINEERING AND TELECOMMUNICATIONS

Klymenko K.O., Kostenko O.V., Ilchenko O.M.

GENERAL CLASSIFICATION OF MEANS OF COVERT OBTAINING OF INFORMATION
AND METHODS OF THEIR DETECTION6

Mykhalevskiy D.V.

ASSESSMENT OF ADEQUACY OF REGRESSION MODELS
IN EVALUATION OF MAIN PARAMETERS OF WIRELESS CHANNELS OF STANDARD 802.1116

Ponomarenko S.O., Tachynina O.M., Lysenko O.I., Kyselov V.B., Huida O.H.

MODEL OF THE NATIONAL AEROSPACE SYSTEM OF DEVELOPMENT
OF THE GLOBAL SENSOR NETWORK21

Topal O.I., Liubarets M.I., Pryshchepov Ye.O.

SMART METERING TO CONTROL ENERGY RESOURCES CONSUMPTION: KEY COMPONENTS,
RADIOTECHNOLOGIES, AND PROSPECTS TO IMPLEMENT IN UKRAINE27

Sharapova O.V., Kosten T.B.

SUBSYSTEMS OF AUTOMATIC CONTROL OF ADDRESS-ANALOG SIGNALING
FOR PROTECTION OF ENTERPRISES BASED ON MULTIPLE INPUT MULTIPLE OUTPUT.....35

INFORMATICS, COMPUTER ENGINEERING AND AUTOMATION

Berezhna O.B.

ASPECTS OF IMPLEMENTING AUGMENTED REALITY TECHNOLOGY
IN THE EDUCATIONAL PROCESS39

Bunke O.S.

EFFECTIVE SCENARIOS OF USING CLOUD TECHNOLOGIES AT THE ENTERPRISE.....44

Haidai H.Yu., Hrieshnov A.Yu.

STUDENTS DISTANCE LEARNING
SPECIALIZED COMPUTER SYSTEM.....50

Haidukevych S.V., Semenova N.P., Leskiv Ya.A.

INCREASE OF EFFICIENCY IN CONTROL SYSTEMS BY PARAMETERS OF MICROCLIMATE
OF APARTMENTS OF THE CLOSED SOIL58

Dovzhyk D.V., Potapova K.R.

USE OF NATIONAL FACILITIES OF CRYPTOGRAPHIC PROTECTION OF INFORMATION
FOR ENCRYPTION OF BLOCKCHAIN BLOCKS.....65

Zakharchenko A.S., Stepanets O.V.

FEATURES OF THE USE OF MODEL-PREDICTIVE CONTROL IN BUILDING AUTOMATION.....70

Kyrychek H.H., Chubich A.I.

KANBAN-METHOD USE FOR SOFTWARE DEVELOPMENT ORGANIZATION78

Kysil T.M.

RECOGNITION OF END DEVICES OF CORPORATE NETWORK
ON THE PRINCIPLE OF SELF / NONSELF83

Krasovskyi M.V., Horoshko A.V., Medzaty D.M., Stetsiuk V.M.

THE CONCEPT OF THE MULTIFUNCTIONAL SYSTEM OF COOPERATIVE ROBOTICS90

Kuzma K.T. INFORMATION TECHNOLOGY FOR ASSESSING THE LEVEL OF STRING MATCHING BASED ON THE N-GRAM METHOD	96
Lavdanska O.V. RISKS ANALYSIS OF PROMOTING ONLINE COURSES	100
Levkivskyi V.L. CONCEPTUAL PRINCIPLES AND BUILDING TECHNOLOGIES OF THE INFORMATION SYSTEM FOR THE REMOTE DIAGNOSING OF PATIENTS' STATE	105
Marynych I.A., Ruban S.A., Serdiuk O.Yu. SYNTHESIS OF COORDINATED CONTROL SYSTEM FOR DOSING OF ALL CHARGE COMPONENTS WITH PARALLEL CONNECTION OF DOSING DEVICES	113
Medvedev M.H., Yusypiv T.V. USE OF THE LOGNORMAL DISTRIBUTION FUNCTION FOR SIMULATION OF MORTALITY FROM COVID-19	119
Pilkevych Yu.H., Rozorinov H.M. AUTOMATION OF MONITORING OF FRESH RESERVOIR ECOSYSTEM.....	123
Prokopenko T.O., Bereziuk I.A., Zubenko V.O. AUTOMATED CONTROL SYSTEM OF TEMPERATURE-HUMIDITY REGIME OF THE GREENHOUSE ON THE BASIS OF THE FUZZY LOGIC APPARATUS	129
Radchenko K.O. CONCEPTUAL MODEL FOR ENSURING EFFICIENCY OF WEB SERVER LOAD FORECASTING.....	135
Samoilenko M.Yu. PRINCIPLES OF APPLICATION OF THE INTERNET OF THINGS TECHNOLOGY IN THE MODERN WORLD OF TECHICAL DEVICES	142
Fed T.I., Batiuk S.H. THE SIMULATOR OF THE AUTOMATED TECHNOLOGICAL COMPLEX OF INDUSTRIAL LOGISTICS	149
Chumachenko S.M., Yakovliev Ye.O., Morshch Ye.V., Partalian A.S., Huida O.H. SPECIFICS DEVELOPMENT AND REALIZATION OF COMPUTER MODELS FOR ASSESSMENT OF ECONOMIC DAMAGE FROM THE EMERGENCY SITUATIONS OF TECHNOGENIC ORIGIN WITH THE USE OF GIS TECHNOLOGY AND METHODS OF SYSTEM DYNAMICS	156
Shevchenko S.S. DEVELOPMENT OF MATHEMATICAL MODELS OF SEALING SYSTEMS.....	165
Shkarupylo V.V., Chemerys O.A., Dusheba V.V., Kudermetov R.K. RESEARCH ON MULTITHREADED IMPLEMENTATION OF MODEL CHECKING METHOD FOR TEMPORAL LOGIC OF ACTIONS.....	173
POWER ENGINEERING	
Panasenko A.V. FORECASTING OF HYDRO RESOURCES AND PLANNING OF WATER AND ENERGY REGIMES OF HYDROPOWER AND PIPE CASCADES TAKING INTO ACCOUNT CLIMATE CHANGE.....	178
INFORMATION ABOUT AUTHORS.....	182