CONTENTS

RADIO ENGINEERING AND TELECOMMUNICATIONS

Andrushchak V.S., Andrukhiv T.V., Maksymiuk T.A., Beshlei M.I., Dumych S.S.
INTELLIGENT ROUTING MANAGEMENT IN OPTICAL TRANSPORT NETWORK USING GRAPH NEURAL NETWORK.....1

Lysenko O.I., Romaniuk V.A., Guida O.G, Dvorskaya S.V., Osinskiy A.K.
CONCEPTUAL APPROACH TO SURVIVABILITY FUNCTIONAL WIRELESS SENSOR NETWORKS THROUGH THE USE OF MOBILE TELECOMMUNICATION PLATFORM.....10

Litvinov Ye.A., Saichenko I.O.
USING SOFTWARE DEFINED RADIO TO STUDY SIGNAL TRANSMISSION IN VISIBLE LIGHT.....17

Olszewski S.V., Tanasiichuk Ya.V.
INVESTIGATION OF THE INFLUENCE OF THE DEFECT IN THE MAGNETRON RESONATORY SYSTEM ON THE PARAMETERS OF IT'S MICROWAVE FIELD.....28

INFORMATICS, COMPUTER ENGINEERING AND AUTOMATION

Aliev H.A.
THE CALCULATING METHOD OF *NGN* ACCESS NODE CHARACTERISTICS WHEN SERVICING VOICE AND DATA TRAFFIC.....33

Bahan T.H., Boun V.P., Reminna A.A.
DESIGN OF AUTOMATIC CONTROL SYSTEM OF DIRECT-FLOW BOILER STEAM TEMPERATURE USING A NEUROCONTROLLER.....38

Baranenko R.V.
CYBER ATTACKS AS A FORM OF CYBER TERRORISM.....45

Vyhaniailo S.M., Viunenko O.B.
TENDENCY OF DEVELOPMENT OF INFORMATION TECHNOLOGY IN BIZNES ANALYTIC.....51

Voitko V.V., Bevz S.V., Burbelo S.M., Stavytskyi P.V.
ANALYSIS OF TOOLS FOR SOFTWARE IMPLEMENTATION OF SYNTHESIS SYSTEM AND ANALYSIS OF MUSICAL SOUNDS.....56

Zinovatna S.L., Komleva O.O., Ulizko H.V., Pysarenko K.O.
MANAGEMENT OF REQUIREMENTS FOR THE TEXT EDITOR WITH THE POSSIBILITY OF ADDING AUDIO NOTES.....61

Ivchenko R.A., Kupin A.I.
RESEARCH OF MULTICRITERIA OPTIMIZATION METHODS FOR SELECTION OF EQUIPMENT OR PARTS IN PRODUCTION.....67

Kachurisvkii V.O., Kachurivska H.M.
CONSTRUCTION OF ANIMATION DIAGRAMS BY CANVAS API.....73

Kirichek G.G., Harkusha V.Yu.
HOSTS VIRTUALIZATION ON BASED PROXMOX VE IN CONDITIONS EXCESSIVE USE OF RESOURCES.....78

Kolomoiets H.P.
AUTOMATION OF HIGHER EDUCATION DIPLOMAS SUPPLEMENTS VERIFICATION.....85

Kravets A.M., Simonenko V.P.
LANDMARKS RECOGNITION METHOD USING COMPUTER VISION TECHNOLOGIES.....93

Levkin D.A., Berezhnaja N.G., Makarov O.A., Kutiya O.V.
MATHEMATICAL MODELING OF TECHNICAL SYSTEMS.....98

Lohvin A.O.
TYPES OF GENERATIVE NEURAL NETWORKS.....103

Loginova N.I., Iankovskii O.G., Loboda Yu.G., Toloknov A.A.
SOFTWARE IMPLEMENTATION OF THE TASK FOR AUTOMATED
FORMATION DISTRIBUTION OF THE STUDY LOAD FOR THE TEACHING
SCIENTIFIC STAFF OF THE DEPARTMENT.....110

Melnychuk S.I., Manuliak I.Z.
USING OF SIGNALS PRE-PROCESSING METHODS WITH PRESERVATION
OF DATA SOURCES INFORMATIONAL PRODUCTIVITY.....117

Marchenko N.B., Monchenko O.V., Martinyuk G.V.
MULTI-LEVEL MONITORING AND DIAGNOSTIC SYSTEMS
AS A CONSTRUCTIVE DEVELOPMENT OF INTELLECTUAL INFORMATION SYSTEMS.....123

Movchan K.O., Oleshchenko L.M.
CLUSTERING OF INTERNET USERS SEARCH QUERIES USING GRAPH THEORY.....128

Ozerova D.S., Pelykh S.M.
SIMULATION MODELING OF AN AUTOMATIC SYSTEM FOR REGULATING
THE WATER LEVEL IN THE GROUP OF HIGH-PRESSURE HEATERS.....134

Osadchy S.I., Bereziuk I.A., Melnichenko M.M.
MAXIMIZING THE STABILIZATION ACCURACY OF ANGULAR POSITION
OF THE LANDING PLATFORM.....140

Plokhotniuk M.O., Pelykh S.M.
DEVELOPMENT OF PIPING AND INSTRUMENTATION DIAGRAM OF AUTOMATION
FOR A GROUP OF LOW-PRESSURE HEATERS AT A NUCLEAR POWER PLANT.....146

Chanyshev R.I.
CONDITIONS OF PROVIDING CONFIDENTIALITY AND SECURITY
OF USER DATA WORKING WITH CLOUD SERVICE PROVIDERS.....151

Sharov S.V., Lubko D.V., Sharova T.M.
FEATURES OF THE DEVELOPMENT OF ELECTRONIC TEXTBOOK
ON UKRAINIAN LITERATURE.....159

Shkarupylo V.V., Chemerys O.A., Dusheba V.V., Kudermetov R.K., Polska O.V.
MODEL-DRIVEN APPROACH TO NON-FUNCTIONAL PROPERTIES
INDEXES CONTROL AT DESIGN.....166

INFORMATION ABOUT AUTHORS..... 172