

CONTENTS

Space Research

SATELLITE MONITORING

Stilyan Stoyanov, Zhivko Zhekov5

NUTRITION INFLUENCE ON THE CONDITION OF HUMAN JAW-TEETH SYSTEM

Teimuraz Adeishvili, Aleksandar Aleksandrov, Nino Okrochelidze, Tengiz Zhvitiashvili, Khatuna Davarashvili.....35

STRENGTHENING ATMOSPHERIC EMISSIONS IN THE COLISION OF COMET SHOEMAKER-LEVY 9 WITH THE PLANET JUPITER

Teimuraz Adeishvili, Alksandar Aleksandrov, Nino Okrochelidze, Leonardo Khvedelidze.....41

ON SEISMICSENSITIVITY OF BIOSYSTEMS AND COSMIC CYCLE PERTURBATION

Teimuraz Adeishvili, Aleksandar Aleksandrov, Magdana Jikia.....44

ASPECTS OF FUNCTIONAL STABILITY IN INFORMATION AND CONTROL SYSTEMS

Zoya Chiflidzhanova-Hubenova.....48

Ecology:

ENVIRONMENTAL AND ECONOMIC PROBLEMS OF AGROECOSYSTEM UNER AGRICULTURAL INTENSIFICATION IN CONDITIONS OF SOUTHEASTERN KAZAKHSTAN

Naziya Suleimenova, Margarita Filipova, Zharaspayeva Sandugash.....54

17-YEAR PERIODS OF RISING AND FALLING WATER LEVELS IN THE KAZAKHSTAN SECTION OF THE CASPIAN SEA

Nazia Suleimenova, Gusman Kenzhetayev, Samal Syrlybekkyzy.....60

STRATEGIES OF THE INDUSTRIAL ENTERPRISES ECONOMIC DEVELOPMENT WITHIN CITIES INFRASTRUCTURE DEVELOPMENT

Teletov Aleksandr Serheevich, Letunovskaia Nataliia Yevhenevna, Provozin Nikolai Vasilevich.....77

ALGORITHM CONSTRUCTION AND SOLVING OF OPTIMAL MANAGEMENT PROBLRM OF FINANCIAL SYSTEM

Oliylyk Viktor, Rimskogo -Korsakova St91

SOME PROBLEMS OF OPTIMAL MANAGEMENT OF ECONOMIC SYSTEMS

Oliylyk Viktor, Rimskogo -Korsakova St.....100

Technical Sciences:

ANALYSIS OF THE CONDITIONS FOR SYNTHESIS OF EFFICIENT SIDE-LOBES SUPPRESSION FILTERS FOR PHASE MANIPULATED SIGNALS

Borislav Bedzhev, Denitsa Velikova, Zhivko Zhikov.....106

APPLICATION OF BINOMIAL DISTRIBUTION IN LOGISTICS SYSTEMS Krasimir Kalev.....	114
ALGORITHMS FOR THREE-POINT LIGHTING ADJUSTING FOR MONITORING OR STAGE OBJECTS CAPTURE Kaloyan Dzhurov.....	121
THE ROLE OF THE NATIONAL GIS FOR THE OWNERSHIP OF THE LAND PROPERTIES Ilinka Ivanova.....	126
USE OF UNMANNED AERIAL VEHICLES FOR THE NEEDS OF GEODESY AND CADASTRE Dimitar Petrov.....	133
PERFORMANCE AND CONNECTION ANALYSIS OF THE COMPUTER SYSTEMS AND NETWORKS Petar Boyanov.....	141
USING A SPECIALIZED SOFTWARE FOR COMPREHENSIVE MONITORING THE SUSPICIOUS STATES IN COMPUTER NETWORKS Petar Boyanov.....	148

Physics

THERMAL RESISTANCE OF POLYETHYLENE TEREPHTHALATE FIBRES Valentin Velev, Anton Popov, Lyubomira Veleva, Nikola Todorov.....	155
MODELING OF THE INFLUENCE OF THE THERMOMECHANICAL MODIFICATION PARAMETERS ON THE STRUCTURAL CHANGES IN POLYESTER FIBERS Valentin Velev, Valentin Grozev, Anton Popov, Rene Androsch, Todor Dimov, Lyubomira Veleva, Hans-Joachim Radusch.....	166
EFFECT OF PROTON IRRADIATION ON THE STRUCTURE DEVELOPMENT OF POLYETHYLENE TEREPHTHALATE FIBERS Valentin Velev, Anton Popov, Nina Arhangelova, Pencho Kyurkchiev, Hristo Hristov, Michele Bello, Giuliano Moschini, Nikolay Uzunov.....	174

National Security

DEVELOPMENT OF WARFARE AND COUNTER-TERRORISM Kalin Krastev, Hristo Hristov.....	179
A PASSIVE STRATEGY FOR MANAGEMENT OF COUNTERACTION TO ENCROACHMENTS ON BUSINESS ORGANIZATION Hristo Hristov.....	187