

CONTENT

INFORMATION AND MEASUREMENT TECHNOLOGIES MEASURING SYSTEMS

<i>Serediuk Orest, Trufan Mykhailo</i>	
Theoretical foundations of the dual control algorithm for multi-agent information-measuring systems.....	5
<i>Lahun Andrii, Chyshynska-Hlybovych Liliana</i>	
Information system for ecological monitoring of the reserve territory.....	13

MEASURING TRANSDUCERS

<i>Pashkevych Volodymyr, Haraniuk Petro, Luzhetska Nataliya,</i>	
<i>Romaka Volodymyr, Stadnyk Yuriy, Romaka Lyubov, Horyn Andriy, Hlil El-kebir</i>	
Research of sensitive elements of thermoelectric converters based on Hf1-xNbxNiSn.....	22

METROLOGY, QUALITY, STANDARTIZATION AND CERTIFICATION

<i>Velychko Oleh, Salceanu Alexandru</i>	
Features of precision measurement of electrical energy at industrial frequency.....	30
<i>Kosheva Larysa, Melnykov Oleg</i>	
The functional status of extreme activities operators assessing method.....	36
<i>Illytska Tetiana, Dvornyk Oleksandr</i>	
Practical issues in the conformity assessment of non-automatic weighing instruments.....	42

MEANS FOR MEASURING THE ELECTRIC AND MAGNETIC QUANTITIES

<i>Lastovetskyi Oleh, Likhnovskyi Ihor</i>	
Improving the psrr parameter in the linear voltage regulator circuit.....	46

COMPUTERIZED AUTOMATIC SYSTEMS

<i>Kudak Viktor, Perig Vasyl, Gerasimov Vitaly, Ivan Neubauer</i>	
Software automation of geosynchronous earth satellite observations.....	51
<i>Kariagin Vitaliy, Dunets Roman</i>	
Analysis of aviation information display methods and their implementation as a system on chip	55
<i>Vlakh-Vyhrynovska Halyna, Budzin Maksym</i>	
Modular architecture and data processing algorithms in c-its systems.....	61

MEANS FOR MEASURING THE THERMAL QUANTITIES

<i>Skoropad Pylyp, Yuras Andrii</i>	
Electrokinetic parameters and thermal stability of multicomponent metallic glasses	67

MEASUREMENT OF NON-ELECTRIC QUANTITIES

<i>Cherepashchuk Grygorii, Potylchak Oleksii, Bykova Tetiana</i>	
Development and research of a discrete-acting batcher with an overturning bucket	74

AUTOMATION OF EXPERIMENTAL RESEARCH

<i>Baran Mariana, Uhryn Lesya</i>	
Creating a facial recognition system based on a neural network that works in real time	80

TRANSFORMING AND PROCESSING THE MEASUREMENT SIGNALS

<i>Chornoivanenko Kateryna, Dolzhanskiy Anatoliy</i>	
Evaluation of components uncertainty in composite material wear resistance.....	86