

CONTENT

TRANSFORMING AND PROCESSING THE MEASUREMENT SIGNALS

<i>Prodan Roman, Shutka Denys, Tataryn Vasyl</i>	
Preventing potential robbery crimes using deep learning algorithm of data processing.....	5
<i>Vasil Chaban</i>	
Theoretical substantiation of the results of measuring anomalies of spacecraft trajectories.....	11

MEASUREMENT OF NON-ELECTRIC QUANTITIES

<i>Shutka Denys, Prodan Roman, Tataryn Vasyl</i>	
Measurement and analysis of agricultural field data using cloud-based data processing pipeline.....	16

MEASURING SYSTEMS

<i>Rudavskiy Ivan, Klym Halyna, Popov Anatoli</i>	
Design and evaluation of a smart indoor air quality monitoring system	23
<i>Nikolskiy Serhiy, Klymenko Iryna</i>	
Embedded iot platform for remote traffic control in smart city iot infrastructure.....	31

INFORMATION AND MEASUREMENT TECHNOLOGIES IN MECHATRONICS AND ROBOTICS

<i>Yatsyshyn Svyatoslav, Zeng Xinyu</i>	
Design of the water strider-like robot.....	39

MEANS FOR MEASURING THE THERMAL QUANTITIES

<i>Skoropad Pylyp, Lihnovskyi Ihor, Hamula Pavlo, Mastylo Rostyslav</i>	
Criteria of materials metal glasses selection for thermometry	43

METROLOGY, QUALITY, STANDARDIZATION AND CERTIFICATION

<i>Gaman Valentyn, Kursin Serhii, Velychko Oleh</i>	
Generalized risk assessment procedure for software testing of legally regulated measuring instruments.....	47

COMPUTERIZED AUTOMATIC SYSTEMS

<i>Chaplia Oleh, Klym Halyna</i>	
Node.js project architecture with shared dependencies for microservices.....	53
<i>Bubela Tetiana Bohush Bohdan</i>	
Preconditions for the creation of a meat freshness control and identification system	59