

CONTENT

INFORMATION AND MEASUREMENT TECHNOLOGIES IN MECHATRONICS AND ROBOTICS

Yatsyshyn Svyatoslav, Zeng Xinyu

Adaptive modeling of underwater robot fluid dynamics based on force measurement device 7

METROLOGY, QUALITY, STANDARDIZATION AND CERTIFICATION

Oleh Velychko, Yuliia Kulish

Research of phase standard of the state primary standards
of unit phase shift angle between two voltages 14

MEANS FOR MEASURING THE THERMAL QUANTITIES

Roman Malachivskiy, Rostyslav Bun, Jacek Majewski, Ihor Medynskiy

Minimax approximation of the resistance-temperature thermistor's dependence 20

MEASURING SYSTEMS

Oksana Honsor, Oleksandr Demidov

Application of serverless systems for processing metrological metadata in IOT 25

MEASURING TRANSDUCER

*Volodymyr Krayovskyy, Petro Haraniuk, Andrii Horpeniuk,
Volodymyr Romaka, Yuriy Stadnyk, Lyubov Romaka, Andriy Horyn*

Simulation of characteristics of sensitive elements of temperature converters based
on $TiCo_{1-x}Cr_xSb$ 30

Computerized AUTOMATIC SYSTEMS

Halyna Vlach-Vyhrynovska, Rudy Yuriy

Encryption key management in a wireless mesh network 37

Shpak Oksana, Trostinsky Svyatoslav

Hybrid drones with ducted and asymmetric propellers: experimental studies
and application prospects 43