

# CONTENT

---

---

## MEASURING TRANSDUCERS

<i>Volodymyr Krayovskyy, Volodymyr Pashkevych, Andriy Horpenuk, Volodymyr Romaka, Yuriy Stadnyk, Lyubov Romaka, Andriy Horyn</i>	
Study of thermometric material $\text{Er}_{1-x}\text{Sc}_x\text{NiSb}$ . II. Experimental results .....	5

## MEASURING SYSTEMS

<i>Bohdan Stadnyk, Vasyl Yatsuk, Mykola Mykyichuk, Svyatoslav Yatsyshyn, Tomas Fröhlich, Rostyslav Mastylo</i>	
Calibration of measuring channels of non-dismantling cyber-physical systems .....	12

## MEANS FOR MEASURING THE THERMAL QUANTITIES

<i>Leonid Zhukov, Dmytro Petrenko</i>	
Two-color compensative thermometry with corrected adjustment using nonlinearity equation of emissivity spectral distribution .....	18

## METROLOGY, QUALITY, STANDARDIZATION AND CERTIFICATION

<i>Ihor Sydorko, Roman Baitsar, Oksana Plakhtiy</i>	
Validation and verification of measurement methods in clinical diagnosis .....	26
<i>Andriy Motalo, <u>Vasyl Motalo</u></i>	
Analysis of calorimetric method of measurement of natural gas calorific value .....	32

## INFORMATION AND MEASUREMENT TECHNOLOGIES IN MECHATRONICS AND ROBOTICS

<i>Mykola Mykyichuk, Nataliya Zihanshyn</i>	
Modeling a network of unmanned aerial vehicles .....	42