

# CONTENTS

- 1 Buchma I.**  
The eddy-current method and structure of hardware for search of a conductive body in a zone of highway
- 7 Mychuda Z., Mychuda L., Yelisieieva H., Yuskiv B.**  
Logarithmic ADCs with variable basis to logarithm. choice of basis
- 19 Nakonechnyy A., Mozola D.**  
Object temperature estimation based on their noise characteristics with wavelet signal transform
- 25 Dzelendzyak U., Samotyy V., Palyushok V.**  
Development of interactive web application using non-relational database
- 32 Kynash Yu. E., Kuhar Yu. P., Myshchyshyn V. M.**  
Develop a network chat with message security features
- 39 Moroz L., Hrynychshyn A., Horiachyy O.**  
A simple modification of the fast inverse square root calculation algorithm for single-precision floating-point numbers
- 46 Viter O. S., Lagun I. I., Lagun Y. A.**  
The features of microcontroller systems of digital signal processing
- 53 Kynash Yu. E., Petrushynsky O. O., Myshchyshyn V. M.**  
Development of a movie selection system
- 59 Garaniuk P., Garaniuk I.**  
Measures of measurement of constant current on the basis of quantum magnetometric sensors
- 66 Ivaniuk O. O., Vlach-Vyhrynovska H. I., Kovala I. M., Domanskyi V. M.**  
ACS TP rectification column of alcohol regeneration with PID controllers
- 72 Mokrenko P., Partola V.**  
Receiver unit wireless security system
- 80 ABSTRACTS**