

CONTENS

<i>Khanas Yu., Golovatyy A., Kaganovych K.</i> Combined numerical matrix balance types	3
<i>Khanas Yu., Ivantsiv R.-A.</i> Determination of compatibility and efficiency of numerical matrix transformation algorithms.....	7
<i>Melnyk M., Kernyskyy A., Lobur M.</i> Comparison of methods for measuring reverberation time	11
<i>Tymoshchuk P.</i> Parallel sorting based on impulse K-winners-take-all neural network.....	18
<i>Karkulovskyy V., Kryvyy R., Korpljovy D., Panchak R.</i> Application of methods for solving the salesman problem for modeling production processes.....	23
<i>Gladkova O., Parkhomenko A., Zalyubovskiy Ya.</i> Development and application of the recommendation methods for embedded systems computer aided design.....	29
<i>Belej O., Nestor N., Melnyk N.</i> Application homomorphic cryptographic algorithm for encrypting data in the cloud storage	34
<i>Kuzmynykh M.</i> Simulation of experimental data by statistical distributions of Cauchy, Maxwell and Boltzmann.....	45
<i>Mazur V., Yaremchuk D.</i> Development of software and hardware for primary diagnostics of cardiovascular diseases	58
<i>Sokolovskyy Y., Nechepurenko A.</i> Software-algorithmic support of finite-element analysis of spatial thermovalenttranslations in anisotropic capillary-porous materials	65
<i>Kosobutskyy P., Karkulovska M., Morgulis A.</i> Mathematical methods for CAD: the method of proportional division of the whole into two unequal parts.....	75