

CONTENT

1	Eduard Maltsev, Riaz Ul Amin IMPACT OF SERIALIZATION FORMAT ON INTER-SERVICE LATENCY.....	89
2	Oleh Sinkevych, Yaroslav Boyko, Bohdan Sokolovskyy, Oleksandr Rechynskiy TUDY OF PATHFINDING APPROACH BASED ON A* WITH ADAPTIVE OCCUPANCY GRID.....	95
3	Bohdan Tsiunyk, Oleksandr Muliarevych PERFORMANCE ANALYSIS OF DIFFERENT TYPES OF NN MODELS FOR TARGET RECOGNITION....	101
4	Ihor Kogut, Volodymyr Hryha, Bohdan Dzundza, Liudmyla Hryha, Iryna Hatala RESEARCH AND DESIGN OF MULTIBIT BINARY ADDERS ON FPGA.....	108
5	Oleh Chaplia, Halyna Klym, Edgars Elsts SERVERLESS AI AGENTS IN THE CLOUD.....	115
6	Andrii Tsemko, Ivan Karbovnyk MODELS AND METHODS FOR SPEECH SEPARATION IN DIGITAL SYSTEMS.....	121
7	Bohdan Onishchenko, Roman Banakh, Abdallah A. Z. A. Ibrahim ENCRYPTING THE FILE SYSTEM ON A SINGLE BOARD COMPUTERS PLATFORM AND USING LINUX UNIFIED KEY SETUP WITH PHYSICAL ACCESS KEYS.....	128
8	Anton Shykhmat, Zenoviy Veres AGRICULTURE VEHICLES PREDICTIVE MAINTENANCE WITH TELEMETRY, MAINTENANCE HISTORY AND GEOSPATIAL DATA.....	134
9	Pavlo Fedak, Roman Kochan, Paweł Tomiło MEANS AND METHODS OF COLLECTING INDICATORS FOR ENERGY SUPPLY COMPANIES.....	140
10	Mykola Stakhiv PREDICTING THE DURATION OF TREATMENT USING PERSONALIZED MEDICAL DATA.....	146
11	Yevhen Bershchanskyi, Halyna Klym, Yurii Shevchuk CONTAINERIZED ARTIFICIAL INTELLIGENT SYSTEM DESIGN IN CLOUD AND CYBER-PHYSICAL SYSTEMS.....	151
12	Andrii Danyliuk, Oleksandr Muliarevych ANT COLONY ALGORITHM IN TRAFFIC FLOW CONTROL.....	158

13	Orest Vovchak, Zenovii Veres BLOCKCHAIN APPLICABILITY FOR STORING IOT TELEMETRIC DATA IN LOGISTIC	164
14	Mykola Voloshyn, Maksym Oleksiv FEATURES OF BUILDING WIRELESS COMPUTER NETWORKS TO INCREASE NOISE IMMUNITY.....	170
15	Eduard Maltsev, Oleksandr Muliarevych, Asmad Razzaque CLASSIFYING SERIALIZATION FORMATS FOR INTER-SERVICE COMMUNICATION IN DISTRIBUTED SYSTEMS.....	175
16	Tinatin Mshvidobadze OPTIMIZATION ALGORITHMS FOR WIRELESS SENSOR NETWORKS TO SOLVE MAXIMIZATION PROBLEMS.....	181