

## Table of contents

N. Boyko. Use of a cloud storage for implementation informational processes.....	3
R. Kaminsky, Ya. Borovets. Model of operator activity in computer systems image processing.....	9
N. Boyko, N. Sokil. Building computer vision systems using machine learning algorithms.....	15
V. Lytvyn, O. Oborska, A. Demchuk, D. Krupa. Decision support methods in a competitive environment based on Boyd cycle by means of ontology use .....	21
M. Davydov, O. Lozynska, V. Pasichnyk. Partial semantic parsing of sentences by means of grammatically augmented ontology and weighted affix context-free grammar .....	27
O. Markovets, N. Dumanskyi. The structure of the system of processing citizens' appeals .....	33
N. Melnykova. Using of personalized approach for assessment of the financial condition of the company .....	39
Ye. Burov, K. Myklich. The approach of granular computing and rough sets for identifying situations.....	45
A. Rzheuskiy, N. Kunanets, V. Kut. Cloud managers – an innovative approach to the management of the library information resources .....	51
O. Veres, N. Kozak. The Choice of Cloud Technology for Big Data .....	59
I. Zavushchak. The context analysis and the process of its formation.....	67
Z. Rybchak, O. Basystiuk. Analysis of methods and means of text mining .....	73
Z. Rybchak, O. Basystiuk. Analysis of computer vision and image analysis technics.....	79
Z. Rybchak. Optimization of travel routes based on modified genetic and ant algorithms .....	85
O. Artemenko, O. Kunanets, V. Pasichnyk. E-tourism recommender systems: a survey and development perspectives.....	91