

CONTENT

Section I. INFORMATION TECHNOLOGIES

<i>Zholdas Buribayev, Saida Shaikalamova, Ainur Yerkos, Rustem Imanbek</i> EKMGS: A HYBRID CLASS BALANCING METHOD FOR MEDICAL DATA PROCESSING	5
<i>Damir Moldabayev, Mikhail Suchkov, Zuhra Abdiakhmetova, Amandyk Kartbayev</i> DEVELOPING GAME THEORY-BASED METHODS FOR MODELING INFORMATION CONFRONTATION IN SOCIAL NETWORKS	17
<i>Kenzhegali Nurgaliyev, Akylbek Tokhmetov, Liliya Tanchenko</i> AN EVALUATION METHOD OF ENERGY CONSUMPTION AS AN OPERATION PARAMETER IN A CYBER-PHYSICAL SYSTEM	30
<i>Dana Nurgazina, Saule Kudubayeva, Arman Ismailov</i> SCIENTIFIC ASPECTS OF MODERN APPROACHES TO MACHINE TRANSLATION FOR SIGN LANGUAGE	41
<i>Aksultan Mukhanbet, Nurtugan Azatbekuly, Beimbet Daribayev</i> OPTIMIZING QUANTUM ALGORITHMS FOR SOLVING THE POISSON EQUATION	55
<i>Sapar Toxanov, Saltanat Sharipova, Andrii Biloshchytskyi, Dilara Abzhanova, Batyrbek Bakytkereiyuly</i> ANALYSIS OF THE IMPACT OF SHARDING ON THE SCALABILITY AND EFFICIENCY OF BLOCKCHAIN TECHNOLOGIES FOR THE CREATION OF INFORMATION-ANALYTICAL SYSTEMS FOR ENVIRONMENTAL MONITORING OF EMISSIONS INTO THE ENVIRONMENT	66
<i>Samat Mukhanov, Raissa Uskenbayeva, Abdul Ahmad Rakhim, Young Im Cho, Aknur Yemberdiyeva, Zhansaya Bekaulova</i> DEEP AND MACHINE LEARNING MODELS FOR RECOGNIZING STATIC AND DYNAMIC GESTURES OF THE KAZAKH ALPHABET	75
<i>Assiya Sarinova, Alexandr Neftissov, Leyla Rzayeva, Alimzhan Yessenov, Lalita Kirichenko, Ilyas Kazambayev</i> DEVELOPMENT OF AEROSPACE IMAGES PRELIMINARY PROCESSING METHOD FOR SUBSEQUENT RECOGNITION AND IDENTIFICATION OF VARIOUS OBJECTS	96
<i>Ardabek Khompysh, Kunbolat Algazy, Nursulu Kapalova, Kairat Sakan, Dilmukhanbet Dyusenbayev</i> STATISTICAL PROPERTIES OF THE PSEUDORANDOM SEQUENCE GENERATION ALGORITHM	107

Section II. PEDAGOGY

<i>Sapar Toxanov, Dilara Abzhanova, Aidos Mukhatayev, Andrii Biloshchytskyi, Khanat Kassenov</i> METHODOLOGY FOR ASSESSING THE LEVEL OF METHODOLOGICAL COMPETENCE OF IT TEACHERS	120
--	-----