

CONTENT

Section I. INFORMATION TECHNOLOGIES

<i>Diana Chigambayeva, Gulzhan Soltan</i>	
CONSTRUCTION OF DISTRIBUTION MODELS OF THE UNIVERSITY EDUCATIONAL WORK VOLUME.....	5
<i>Akylbek Tokhmetov, Kenzhegali Nurgaliyev, Liliya Tanchenko</i>	
COMPARATIVE ANALYSIS OF VARIOUS FORECAST MODELS OF ELECTRICITY CONSUMPTION IN SMART BUILDINGS	19
<i>Saya Sapakova, Zhansaya Bekaulova, Almas Nurlanuly, Duriya Daniyarova, Galiya Ybytayeva, Kaldybayeva Aizhan</i>	
DEVELOPMENT OF MACHINE LEARNING METHODS FOR MARKET TRENDS	33
<i>Almas Alzhanov, Aliya Nugumanova</i>	
FEATURE SELECTION METHODS FOR LSTM-BASED RIVER WATER LEVEL AND DISCHARGE FORECASTING	49
<i>Gulnur Kazbekova, Arypzhn Aben, Anuarbek Amanov, Nurseit Zhunissov, Aiman Abibullayeva</i>	
EFFECTIVENESS OF MACHINE LEARNING METHODS IN DETERMINING EARTHQUAKE PROBABLE AREAS: EXAMPLE OF KAZAKHSTAN.....	62
<i>Zholdas Buribayev, Ainur Yerkos, Zhibek Zhetpisbay</i>	
NEW APPROACH TO ADDRESSING CLASS IMBALANCE IN MEDICAL DATASETS CONSIDERING SPECIFICS	78
<i>Aigerim Aitim, Zhamilya Abdildanova, Symbat Tynystykbayeva, Aidana Muratbekova, Nurbike Nalhozha</i>	
ARTIFICIAL INTELLIGENCE-ENHANCED MOBILE DIAGNOSTICS USING DECISION TREES FOR EARLY DETECTION OF RESPIRATORY DISEASES	88
<i>Aigerim Mussina, Didar Yedilkhan, Yermek Alimzhanov, Aliya Nugumanova, Sanzhar Aubakirov, Aigerim Mansurova</i>	
USING MLOPS FOR DEPLOYMENT OF OPINION MINING MODEL AS A SERVICE FOR SMART CITY APPLICATIONS	104
<i>Dilmurod Davronbekov, Muhammad Muradov</i>	
ASSESSMENT OF THE STATE OF DISRUPTIONS IN THE POWER SUPPLY SYSTEM OF A MOBILE COMMUNICATION BASE STATION.....	125
<i>Aruzhan Shoman, Assel Smaiyl, Aliya Kalykulova, Aliya Nugumanova, Aidar Mukhametkaliyev</i>	
LEVERAGING BIG DATA FOR DOG HEALTH ANALYSIS: AN EXPLORATORY STUDY USING “TANBA” IN KAZAKHSTAN	137
<i>Leila Rzayeva, Abilkair Imanberdi, Ivan Opirskyy, Oleh Harasymchuk, Gulnara Abitova</i>	
ANALYSIS OF TECHNICAL FEATURES OF DATA ENCRYPTION IMPLEMENTATION ON SD CARDS IN THE ANDROID SYSTEM.....	157
<i>Aigerim Aitim, Yerkebulan Malikomar, Aizhan Kakharman, Olzhas Kassymbayev, Dana Iyembergen</i>	
DEVELOPMENT OF A SOUND-BASED MOBILE APPLICATION FOR ROAD ACCIDENT DETECTION USING MACHINE LEARNING AND SPECTROGRAM ANALYSIS.....	172

Section II. PEDAGOGY

<i>Raigul Zheldibayeva</i>	
THE IMPACT OF AI AND PEER FEEDBACK ON RESEARCH WRITING SKILLS: A STUDY USING THE CGSCHOLAR PLATFORM AMONG KAZAKHSTANI SCHOLARS.....	186
<i>Anatoliy Pavlenko, Zhansaya Makhambetova, Anatoliy Chursin, Abzal Kyzyrkanov, Zhibek Tleshova</i>	
DEVELOPMENT OF METHODOLOGY FOR GIS ASSIGNMENTS IN FLOOD MAPPING USING BLOOM’S TAXONOMY AND SCAFFOLDING APPROACH.....	196