

CONTENT

Section I. INFORMATION TECHNOLOGIES

<i>Baisultanbekmyrzakhan Akbarov, Kanat Makhanov, Ilmira Kanymgazyeva, Temirlan Imanbayev, Nurbek Abeuov, Chingiz Dissyukov</i> DESIGN AND DEVELOPMENT OF CIRCULARLY POLARISED ANTENNA FOR RFID SYSTEM	6
<i>Meiir Raikhan, Shynar Aitimova, Alibek Bektaev, Tuganay Zhumanbayeva, Bektur Keneshbayev, Aiman Abdikarimova</i> ASSESSMENT OF UNPROFITABILITY OF COMPULSORY EMPLOYEE ACCIDENT INSURANCE TARIFFS IN KAZAKHSTAN	16
<i>Zhansaya Abildaeva, Raissa Uskenbayeva, Nurbek Konyrbaev, Gulzhanat Beketova, Valerii Lakhno, Alona Desiatko</i> INNOVATIVE APPROACHES TO AGRICULTURAL MARKETING: NSGA-II AND K-MEANS FOR STRATEGIES IN THE AGRO-INDUSTRIAL COMPLEX	35
<i>Zhuldyz Basheyeva, Dinmukhamed Oralkhanov, Tairlan Orazov, Gulzhan Soltan</i> DEVELOPMENT AND IMPLEMENTATION OF AN AUTOMATED WEB-BASED KPI MANAGEMENT AND DASHBOARD SYSTEM AT ASTANA IT UNIVERSITY	46
<i>Bekzat Ussenov, Arnur Temen, Zhalgas Srymbetov, Azamat Yeshmukhametov, Tolegen Akhmetov</i> DEVELOPMENT OF A VIRTUAL REALITY-BASED FIRE SAFETY TRAINING SYSTEM FOR APARTMENT RESIDENTS	63
<i>Beibit Abdikenov, Tomiris Zhaksylyk, Aruzhan Imasheva, Yerzhan Orazayev, Danara Suleimenova</i> FUSION VIEW-NET: DUAL-VIEW DEEP LEARNING FOR ROBUST MAMMOGRAPHIC BREAST CANCER CLASSIFICATION	78
<i>Leila Rzayeva, Nursultan Nyssanov, Noyan Tendikov, Lalita Kirichenko, Zhaksylyk Kozhakhmet, Alisher Batkuldin</i> ADVANCED IMAGE COMPRESSION METHODS: A COMPARATIVE ANALYSIS OF MODERN ALGORITHMS AND THEIR APPLICATIONS	91
<i>Gulzhan Soltan, Zharkyn Bekkaliyev, Alen Issayev, Nazerke Akzhol, Zhuldyz Basheyeva</i> APPLYING DATA ANALYTICS AND BI SYSTEMS TO BUILD A STUDENT DIGITAL PROFILE: THE CASE OF ASTANA IT UNIVERSITY.....	103
<i>Daniker Chepashev, Yelizaveta Maximkina, Gulsezim Zhussupova, Ruslan Zhilkibayev, Dias Merekeyev</i> RECOGNITION OF THE WATER SURFACE ACCORDING TO ICEYE DATA USING MACHINE LEARNING	116

Anel Auyezova, Aigerim Aitim, Bakhtgerey Sinchev

METHODS AND ALGORITHMS FOR SOLVING THE PROBLEM
ON THE SUM OF SUBSETS 137

Alexey Semchenko, Gani Baiseitov, Dmitriy Shandronov, Zarina Kutpanova

MODELING THE EFFECTIVENESS OF FPV DRONE OPERATOR TRAINING
USING SIMULATORS AND ONLINE PLATFORMS 149

*Perizat Omarova, Alexandr Neftissov, Aliya Borsikbayeva, Ilyas Kazambayev,
Artem Biloshchytskyi, Aliya Aubakirova*

NUMERICAL SIMULATION OF WATER FLOW THROUGH A POROUS MEDIUM:
VERIFICATION BY THE LIN 1999 EXPERIMENT 160

Beibit Abdikenov, Victor Suvorov

CHALLENGES IN GENERALIZING BREAST MRI TUMOR SEGMENTATION
ACROSS MULTIPLE DATASETS 172

Andrii Biloshchytskyi, Oleksandr Kuchanskyi, Yurii Andrashko, Alexandr Neftissov

DEVELOPMENT OF TIME SERIES FORECASTING MODELS FOR AIR POLLUTION
BASED ON DEEP SPARSE TRANSFORMER NETWORKS 185

Nurbek Sissenov, Gulden Ulyukova, Dina Satybaldina, Nikolaj Goranin

INTEGRATED APPLICATION OF MABAC, CODAS AND ARAS METHODS
IN ASSESSING THE RELIABILITY OF INFORMATION SYSTEMS 199

*Nurassyl Zhomartkan, Anatoliy Pavlenko,
Yerzhan Baiburin, Mohammad Alhuyi-Nazari*

MODELING AND WEB-BASED VISUALIZATION OF FLOOD ZONES:
A CASE STUDY OF THE BUKTYRMA RIVER SECTION 215

Sultan Alpar, Meruyert Adilbayeva, Zhanat Karashbayeva

COMPARATIVE RESULTS OF USING DEEP LEARNING MODELS WITH
ENSEMBLE METHODS FOR WILDFIRE ASSESSMENT 231

Section II. PEDAGOGY

Aissulu Kaldarova, Marco Vasquez, Alima Utemuratova

A STUDY ON THE EFFECTIVENESS OF THE INSTAGRAM APP IN DEVELOPING
VOCABULARY OF STUDENTS 243