

## Документы за 2024 год

1. Dossatayev A.  
**Deep Learning based Framework for Option Price Forecasting**  
2024  
SIST 2024 - 2024 IEEE 4th International Conference on Smart Information Systems and Technologies, Proceedings  
2-s2.0-85202881292  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
2. Ali M.; Razaque A.; Yoo J.; Kabievna U.R.; Moldagulova A.; Ryskhan S.; Zhuldyz K.; Kassymova A.  
**Designing an Intelligent Scoring System for Crediting Manufacturers and Importers of Goods in Industry 4.0**  
2024  
Logistics  
2-s2.0-85188889792  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
3. Bykov A.; Surzhik D.; Kassenova L.; Abzhanova A.; Svirina A.; Imanzhanova K.  
**Control and Analysis of Layered Soil Structure to Ensure Railway Roadbed Stability**  
2024  
Applied Sciences (Switzerland)  
2-s2.0-85206580821  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
4. Kolesnikova K.; Naizabayeva L.; Myrzabayeva A.; Lisnevskiy R.  
**Use the neural networks in prediction of environmental processes**  
2024  
SIST 2024 - 2024 IEEE 4th International Conference on Smart Information Systems and Technologies, Proceedings  
2-s2.0-85202840103  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
5. Azmi I.N.; Kassim M.; Yussoff Y.M.; Tahir N.M.  
**Optimizing drone-assisted victim localization and identification in mass-disaster management: a study on feasible flying patterns and technical specifications**  
2024  
International Journal of Electrical and Computer Engineering  
2-s2.0-85195189224  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus

6. Kuzovkova T.A.; Sharavova O.I.; Tikhvinskiy V.O.; Devyatkin E.E.; Umansky R.Y.  
**Synergy of Artificial Intelligence Efficiency in 5G Mobile Communication Networks**  
2024  
2024 Systems of Signal Synchronization, Generating and Processing in Telecommunications,  
SYNCHROINFO 2024 - Conference Proceedings  
2-s2.0-85202805739  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
7. Hamadne T.; Batiha B.; Alsayyed O.; Bektemyssova G.; Montazeri Z.; Dehghani M.; Eguchi K.  
**On the Application of Potter Optimization Algorithm for Solving Supply Chain Management Application**  
2024  
International Journal of Intelligent Engineering and Systems  
2-s2.0-85201468996  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
8. Zholdubaeva A.; Doskhozina Z.; Kadyraliyeva A.; Velitchenko S.  
**Semantics and social dynamics of money: An anthropological study of cultural significance and economic transformations**  
2024  
Reviews in Anthropology  
2-s2.0-85213306323  
**Тип документа:** Article  
**Стадия публикации:** Article in press  
**Источник:** Scopus
9. Rai H.M.; Tsoy D.; Daineko Y.  
**MetaHospital: Implementing robust data security measures for an AI-driven medical diagnosis system**  
2024  
Procedia Computer Science  
2-s2.0-85204955348  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
10. Rakhmetulayeva S.; Zhanabekov Z.; Bolshibayeva A.  
**Evaluation of Modern Generative Networks for EchoCG Image Generation**  
2024  
Computers, Materials and Continua  
2-s2.0-85212873142  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
11. Issakhov A.; Abylkassymova A.; Minnullina S.  
**Numerical simulation of the movement of the water surface with macroscopic particles during a partial dam break for various complex reliefs**  
2024  
Simulation  
2-s2.0-85205865632  
Article  
Article in press  
Scopus
12. Bazarbekov I.; Razaque A.; Ipalakova M.; Yoo J.; Assipova Z.; Almisreb A.

**A review of artificial intelligence methods for Alzheimer's disease diagnosis: Insights from neuroimaging to sensor data analysis**

2024

Biomedical Signal Processing and Control

2-s2.0-85185301971

**Тип документа:** Review

**Стадия публикации:** Final

**Источник:** Scopus

13. Omarov B.; Momynkulov Z.  
**Hybrid deep learning model for heart disease detection on 12-lead electrocardiograms**  
2024  
Procedia Computer Science  
2-s2.0-85204976205  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
14. Issakhov A.; Omarov B.; Mustafaev A.; Abylkassymova A.  
**Assessment of the air pollutants on automobiles emission dispersion: the effects of barrier height and the road surface temperature**  
2024  
Environmental Science and Pollution Research  
2-s2.0-85208978679  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
15. Omarov B.; Baikuekov M.; Sultan D.; Mukazhanov N.; Suleimenova M.; Zhekambayeva M.  
**Ensemble Approach Combining Deep Residual Networks and BiGRU with Attention Mechanism for Classification of Heart Arrhythmias**  
2024  
Computers, Materials and Continua  
2-s2.0-85200362797  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
16. Sansyzbay K.M.; Bakhtiyarova Y.A.; Iliev T.; Patokin G.S.; Tasbolatova L.T.; Sagmedinov D.B.  
**Development of an algorithm for a national microprocessor-based centralization system with a modular architecture KZ-MPC-MA featuring advanced intelligent control functions**  
2024  
IEEE Access  
2-s2.0-85213272501  
**Тип документа:** Article  
**Стадия публикации:** Article in press  
**Источник:** Scopus
17. Al-Hubaishi M.; Ali M.A.M.; Tahir N.M.  
**Personalized Food Recommendations: A Machine Learning Model for Enhanced Dining Choices**  
2024  
14th IEEE International Conference on Control System, Computing and Engineering, ICCSCE 2024 - Proceedings  
2-s2.0-85207042185  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
18. Hamadneh T.; Batiha B.; Werner F.; Montazeri Z.; Dehghani M.; Bektemyssova G.; Eguchi K.

**Fossa Optimization Algorithm: A New Bio-Inspired Metaheuristic Algorithm for Engineering Applications**

2024

International Journal of Intelligent Engineering and Systems

2-s2.0-85201465381

**Тип документа:** Article

**Стадия публикации:** Final

**Источник:** Scopus

19. Kolesnikova K.; Lukianov D.; Khikmetov A.; Alpysbayev K.; Mukhamedyeva A.; Dauletbek Y.  
**Using Model-Based Systems Engineering Tools in Software Development**  
2024  
Procedia Computer Science  
2-s2.0-85204306807  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
20. Daineko Y.; Tsoy D.; Ipalakova M.; Mustafina A.; Bolatov Z.; Samala A.D.  
**Development of the Software agent «aIA» in the framework of IITU MetaUniversity Design**  
2024  
Procedia Computer Science  
2-s2.0-85199562028  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
21. Ranjbar D.; Mukan S.M.; Niyazgulova A.A.  
**Central Asia — Center Gas Pipeline System: Challenges and Opportunities for Modern Russia — Central Asia Energy Relations**  
2024  
Vestnik RUDN. International Relations  
2-s2.0-85198066688  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
22. Kanashev M.; Mukasheva A.; Yedilkhan D.; Rakhmetulaeva S.; Gnatyuk S.; Nazym M.  
**Research and development of an information system for speech recognition based on neural network algorithms metrics**  
2024  
SIST 2024 - 2024 IEEE 4th International Conference on Smart Information Systems and Technologies, Proceedings  
2-s2.0-85202895208  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
23. Zhampetova A.O.; Ataay F.; Alkan S.Y.  
**ON THE POLITICAL VALUES AND PREFERENCES OF THE STUDENT YOUTH IN KAZAKHSTAN**  
2024  
Sotsiologicheskie Issledovaniya  
2-s2.0-85213399304  
Note  
**Стадия публикации:** Final  
**Источник:** Scopus
24. Nessipkhan D.; Bazarkulova I.  
**Development of Pneumonia Detection System on X-Ray Images Using Deep Learning**

2024

SIST 2024 - 2024 IEEE 4th International Conference on Smart Information Systems and Technologies,  
Proceedings

2-s2.0-85202838268

**Тип документа:** Conference paper

**Стадия публикации:** Final

**Источник:** Scopus

25. Erlanovna T.Z.; Sakhybay T.; Muratovna A.Z.; Gulzat T.  
**Development Paillier's library of fully homomorphic encryption**  
2024  
Indonesian Journal of Electrical Engineering and Computer Science  
2-s2.0-85191019849  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
27. Zhakupova G.T.; Sydykova A.A.; Donninghaus V.; Elle V.Zh.  
**Electronic publications of archival institutions in the Republic of Kazakhstan and features of the developed E-Doc Complex website; [Электронные публикации архивных учреждений Республики Казахстан и особенности разработанного вебсайта E-Doc Complex]**  
2024  
New Research of Tuva  
2-s2.0-85211060909  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
28. Bakirova E.A.; Assanova A.T.; Kadirbayeva Z.M.  
**Solving multi-point problem for Volterra-Fredholm integro-differential equations using Dzhumabaev parameterization method**  
2024  
Open Mathematics  
2-s2.0-85202161738  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
29. Pastukh A.; Tikhvinskiy V.; Kalugina D.; Savochkin A.; Solochshenko A.  
**Impact of the Doppler Shift Effect to the Direct-to-Device NTN Systems Using Terrestrial Bands Spectrum**  
2024  
2024 International Conference on Engineering Management of Communication and Technology, EMCTECH  
2024 - Proceedings  
2-s2.0-85211962271  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
30. Azhibekova Z.; Altayeva A.; Amirtayeva A.; Momynkulov Z.; Sultan D.; Mukhametkaly A.  
**Advancing athlete safety through real-time ECG monitoring for enhanced cardiovascular health in sports performance; [Avanzando en la seguridad del atleta mediante el monitoreo de ECG en tiempo real para mejorar la salud cardiovascular en el rendimiento deportivo]**  
2024  
Retos  
2-s2.0-85209240400  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus

31. Zhandarbekova A.; Kurenkeyeva D.; Murzabekova K.; Mukhametzhanova A.; Kalenov G.; Tulendiyev Y.; Kuanyshbekova K.  
**Issues of increasing the efficiency of traffic management on the main streets of astana**  
2024  
Advances in Transdisciplinary Engineering  
2-s2.0-85187217942  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
32. Altaibek A.; Tokhtakhunov I.; Nurtas M.; Kozhamzharova D.; Aitimov M.  
**The Efficacy of Autoencoders in the Utilization of Tabular Data for Classification Tasks**  
2024  
Procedia Computer Science  
2-s2.0-85199529817  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
33. Askhatuly A.; Berdysheva D.; Yedilkhan D.; Berdyshev A.  
**Security Risks of ML Models: Adversarial Machine Learning**  
2024  
SIST 2024 - 2024 IEEE 4th International Conference on Smart Information Systems and Technologies, Proceedings  
2-s2.0-85202903506  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
34. Gubaidullin A.; Manankova O.  
**Research of the V2X Technology Organization Model for Self-Managed Technical Equipment**  
2024  
International Journal of Advanced Computer Science and Applications  
2-s2.0-85200376107  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
35. Hnatiienko H.; Hnatiienko O.; Babenko T.; Myrutenko L.  
Mathematical models and methods for decision coordination in critical infrastructure operations  
2024  
CEUR Workshop Proceedings  
2-s2.0-85210254541  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
36. Ibrayev S.; Omarov B.; Ibrayeva A.; Momyunkulov Z.  
DeepSurNet-NSGA II: Deep Surrogate Model-Assisted Multi-Objective Evolutionary Algorithm for Enhancing Leg Linkage in Walking Robots  
2024  
Computers, Materials and Continua  
2-s2.0-85207304180  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
37. Sinchev B.; Sinchev A.B.; Mukhanova A.M.  
Algorithm Based on the Subset Sum Problem for High Performance Computing  
2024

Lecture Notes in Networks and Systems

2-s2.0-85200965802

**Тип документа:** Conference paper

**Стадия публикации:** Final

**Источник:** Scopus

38. Otkilbayev S.; Ipalakova M.; Tsoy D.; Daineko Y.  
Development of an Object Management System in Virtual Reality  
2024  
Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)  
2-s2.0-85204563165  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
39. Faure E.; Baikenov A.; Skutskyi A.; Faure D.; Abramkina O.  
Algorithms for reliable permutation transmission protocols in noisy communication channels  
2024  
CEUR Workshop Proceedings  
2-s2.0-85210250986  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
40. Velyamov T.; Kim A.; Manankova O.  
Modification of the Danzig-Wolf Decomposition Method for Building Hierarchical Intelligent Systems  
2024  
International Journal of Advanced Computer Science and Applications  
2-s2.0-85201917075  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
41. Mukhanov S.; Uskenbayeva R.; Rakhim A.A.; Akim A.; Mamanova S.  
Gesture recognition of the Kazakh alphabet based on machine and deep learning models  
2024  
Procedia Computer Science  
2-s2.0-85204295071  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
42. Issakhov A.; Rakhymzhanova Z.; Abylkassymova A.  
Numerical Study of the Water Surface Movement on the Breaching Process of Natural Dams  
2024  
Water Resources Management  
2-s2.0-85208967993  
**Тип документа:** Article  
**Стадия публикации:** Article in press  
**Источник:** Scopus Scopus
43. Mukhamejanov Y.; Kulambayev B.  
Navigating Autonomously with Deep Learning-Powered Lane Line Detection for Vehicles  
2024  
SIST 2024 - 2024 IEEE 4th International Conference on Smart Information Systems and Technologies, Proceedings  
2-s2.0-85202849051  
**Тип документа:** Conference paper  
**Стадия публикации:** Final

**Источник:** Scopus

44. Falahah I.A.; Al-Baik O.; Alomari S.; Bektemyssova G.; Gochhait S.; Leonova I.; Malik O.P.; Werner F.; Dehghani M.  
Frilled Lizard Optimization: A Novel Bio-Inspired Optimizer for Solving Engineering Applications  
2024  
Computers, Materials and Continua  
2-s2.0-85199136998  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
45. Pastukh A.; Tikhvinskiy V.; Devyatkin E.  
Feasibility analysis of hybrid sharing the upper 6 GHz band between 5G NR networks and Wi-Fi devices  
2024  
Proceedings of the International Symposium on Electromagnetic Compatibility, EMC Europe  
2-s2.0-85212175119  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
46. Hamadneh T.; Kaabneh K.; Alssayed O.; Bektemyssova G.; Shaikemelev G.; Umutkulov D.; Benmamoun Z.; Monrazeri Z.; Dehghani M.  
Application of Stork Optimization Algorithm for Solving Sustainable Lot Size Optimization  
2024  
Computers, Materials and Continua  
2-s2.0-85201504195  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
47. Nuralin M.; Daineko Y.; Aljawarneh S.; Tsoy D.; Ipalakova M.  
The real-time hand and object recognition for virtual interaction  
2024  
PeerJ Computer Science  
2-s2.0-85199033791  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
48. Pastukh A.; Mironova O.; Tikhvinskiy V.; Akhmediarov V.  
Analysis of the Possibility to Use Hybrid Satellite-Terrestrial Systems (Direct-to-Device) in the IMT Bands of Terrestrial Cellular Networks  
2024  
2024 Systems of Signal Synchronization, Generating and Processing in Telecommunications, SYNCHROINFO 2024 - Conference Proceedings  
2-s2.0-85202844039  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
49. Tikhvinskiy V.; Koval V.; Korchagin P.; Pastukh A.; Umanskiy R.  
Experimental study results of EMC 5G network transmitters and fixed service receivers for sharing utilization of 4.4-5.0 GHz band  
2024  
2024 IEEE Joint International Symposium on Electromagnetic Compatibility, Signal and Power Integrity: EMC Japan/Asia Pacific International Symposium on Electromagnetic Compatibility, EMC Japan/APEMC Okinawa 2024 - Proceedings  
2-s2.0-85199464400  
**Тип документа:** Conference paper



**Стадия публикации:** Final  
**Источник:** Scopus

50. Chernov S.; Titov S.; Chernova L.; Chernova L.; Chinibayeva T.; Trushliakov E.  
Game-Theory Model of a Two-Level Hierarchical Game with Distributed Control  
2024  
SIST 2024 - 2024 IEEE 4th International Conference on Smart Information Systems and Technologies, Proceedings  
2-s2.0-85202842374  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
51. Issakhov A.; Abylkassymova A.  
Assessment of the dispersion of pollutants from automobile exhaust, taking into account relative humidity, pavement temperature, wind direction and speed, which varies depending on the time of day  
2024  
International Communications in Heat and Mass Transfer  
2-s2.0-85206000252  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
52. Valyayev D.; Mukasheva A.; Yedilkhan D.; Aigerim B.; Mukhammejanova D.  
FMEA variables of software failure risks based on journals and metrics  
2024  
SIST 2024 - 2024 IEEE 4th International Conference on Smart Information Systems and Technologies, Proceedings  
2-s2.0-85202866566  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
53. Hamadne T.; Batiha B.; Al-Baik O.; Bektemyssova G.; Montazeri Z.; Werner F.; Dhiman G.; Dehghani M.; Eguchi K.  
Sales Training Based Optimization: A New Human-inspired Metaheuristic Approach for Supply Chain Management  
2024  
International Journal of Intelligent Engineering and Systems  
2-s2.0-85207868096  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
54. Kanguzhin B.; Koshanov B.  
Criteria for the Uniqueness of a Solution to a Differential-Operator Equation with Non-Degenerate Conditions  
2024  
Symmetry  
2-s2.0-85187244237  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
55. Rai H.M.; Galymzada A.; Almas K.; Nurzhan D.; Alibek M.  
Fortifying Cyber Defenses: A Deep Dive into the Development of an AI-Powered Network Intrusion Detection System  
2024  
Lecture Notes in Networks and Systems  
2-s2.0-85200944799

**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus

56. Issakhov A.; Rakhymzhanova Z.; Abylkassymova A.  
Determination of the flooding zone during a dam break in a channel with a bend in the presence of several obstacles by the VOF method  
2024  
Journal of Mountain Science  
2-s2.0-85209543741  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
57. Daineko Y.; Seitnur A.; Tsoy D.; Ipalakova M.; Mustafina A.; Uali M.  
Towards Concepts for Digital Twins in Higher Education  
2024  
Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)  
2-s2.0-85204621405  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
58. Bolatov Z.; Tsoy D.; Daineko Y.; Ipalakova M.  
Cybersecurity of digital museum application  
2024  
Procedia Computer Science  
2-s2.0-85204282573  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
59. Zhiyenbayev M.; Kunicina N.; Mansurova M.; Patlins A.; Caiko J.; Beliaev V.; Grants R.; Bisenieks M.; Shyntore G.  
Development of Aggregated Sustainability Indicators for Quality of Life Evaluations in Urban Areas of the Republic of Kazakhstan  
2024  
Sustainability (Switzerland)  
2-s2.0-85208564675  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
60. Ainakulov Z.; Akhmetov K.; Ospanov S.; Kurmankulova G.; Tengaeva A.; Schüle H.; Kurmanbek T.  
Economic and mathematical modelling of estimating the use of basic production resources of agricultural formations  
2024  
AIP Conference Proceedings  
2-s2.0-85183598268  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
61. Myrzakerimova A.; Kolesnikova K.  
**Development of mathematical methods for diagnosing kidney diseases using fuzzy set tools**  
2024  
Indonesian Journal of Electrical Engineering and Computer Science  
2-s2.0-85192081266  
**Тип документа:** Article

**Стадия публикации:** Final  
**Источник:** Scopus

62. Ibarayev S.; Omarov B.; Amanov B.; Ibrayeva A.; Momynkulov Z.  
**Deep Surrogate Network Enhancement of Non-dominated Sorting Genetic Algorithms for Improved Multi-objective Optimization**  
2024  
Mechanisms and Machine Science  
2-s2.0-85202193270  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
63. Alpar S.; Berger J.; Mazuroski W.; Belarbi R.  
**Shape optimization of the energy efficiency of building retrofitted facade**  
2024  
Solar Energy  
2-s2.0-85187198725  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
64. Tikhvinskiy V.; Umanskiy R.  
**Evaluation of the Justification and Efficiency of Artificial Intelligence Application in Technological Controlling Within 5G and 6G Networks**  
2024  
2024 International Conference on Engineering Management of Communication and Technology, EMCTECH 2024 - Proceedings  
2-s2.0-85211954629  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
65. Ukibassov B.M.; Rakhmetulayeva S.B.; Zhanabekov Z.O.; Bolshibayeva A.K.; Yasar A.-U.-H.  
**Implementation of Anatomy Constrained Contrastive Learning for Heart Chamber Segmentation**  
2024  
Procedia Computer Science  
2-s2.0-85199575779  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
66. Abdullayev S.; Bakyt G.; Abdullayeva A.; Toktamyssova A.; Sarsanbekov K.; Bektilevov A.  
**Assessment of the impact of TE33A diesel locomotive wheelsets on the railway track in a straight section of the track**  
2024  
Vibroengineering Procedia  
2-s2.0-85209567922  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
67. Kasem M.S.; Hamada M.; Taj-Eddin I.  
**Customer profiling, segmentation, and sales prediction using AI in direct marketing**  
2024  
Neural Computing and Applications  
2-s2.0-85173277707  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus

68. Semenchuk K.; Kolesnikova K.; Chernova L.  
**DESIGNING OF INVENTORY CONTROL PROCESSES BASED ON THE STRATEGY OF RISK POOLING IN SUPPLY CHAINS**  
2024  
SIST 2024 - 2024 IEEE 4th International Conference on Smart Information Systems and Technologies, Proceedings  
2-s2.0-85202864082  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
69. Hamadne T.; Kaabneh K.; AlSayed O.; Bektemyssova G.; Montazeri Z.; Dehghani M.; Eguchi K.  
**Sculptor Optimization Algorithm: A New Human-Inspired Metaheuristic Algorithm for Solving Optimization Problems**  
2024  
International Journal of Intelligent Engineering and Systems  
2-s2.0-85199687404  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
70. Muftic F.; Kadunic M.; Musinbegovic A.; Almisreb A.A.; Jaafar H.  
**Deep learning for magnetic resonance imaging brain tumor detection: evaluating ResNet, EfficientNet, and VGG-19**  
2024  
International Journal of Electrical and Computer Engineering  
2-s2.0-85206005418  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
71. Hamadne T.; Kaabneh K.; AbuFalahah I.; Bektemyssova G.; Shaikemelev G.; Umutkulov D.; Omarov S.; Monrazeri Z.; Werner F.; Dehghani M.  
**Magnificent Frigatebird Optimization: A New Bio-Inspired Metaheuristic Approach for Solving Optimization Problems**  
2024  
Computers, Materials and Continua  
2-s2.0-85201274306  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
72. Salaheldin Kasem M.; Abdallah A.; Berendeyev A.; Elkady E.; Mahmoud M.; Abdalla M.; Hamada M.; Vascon S.; Nurseitov D.; Taj-Eddin I.  
**Deep Learning for Table Detection and Structure Recognition: A Survey**  
2024  
ACM Computing Surveys  
2-s2.0-85208245860  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
73. Zhantleuova A.K.; Duzbayev N.T.  
**ENHANCING RESPIRATORY FUNCTION WITH VIRTUAL REALITY: A SCOPING REVIEW**  
2024  
Eurasian Journal of Mathematical and Computer Applications  
2-s2.0-85213008644  
**Тип документа:** Article  
**Стадия публикации:** Final

**Источник:** Scopus

74. Alpar S.; Faizulin R.; Tokmukhamedova F.; Daineko Y.  
**Applications of Symmetry-Enhanced Physics-Informed Neural Networks in High-Pressure Gas Flow Simulations in Pipelines**  
2024  
Symmetry  
2-s2.0-85194080515  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
75. Sultan D.; Omarov B.; Rakhymzhanov A.; Niyazov A.; Baikuev M.; Omarov B.  
**Development of an artificial intelligence-enabled non-invasive digital stethoscope for monitoring the heart condition of athletes in real-time; [Desarrollo de un estetoscopio digital no invasivo habilitado con inteligencia artificial para monitorear en tiempo real la condición cardíaca de los atletas]**  
2024  
Retos  
2-s2.0-85206633804  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
76. Yakubova M.; Serikov T.; Manankova O.  
**Development and Research of a Method for MultiLevel Protection of Transmitted Information in IP Networks Based on Asterisk IP PBX Using Various Codecs**  
2024  
International Journal of Advanced Computer Science and Applications  
2-s2.0-85200705182  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
77. Chernova L.; Chernov S.; Zhuravel I.; Chernova L.; Zubarev A.; Kolesnikova K.  
**Structural analysis in the methodology of building an IT project model**  
2024  
SIST 2024 - 2024 IEEE 4th International Conference on Smart Information Systems and Technologies, Proceedings  
2-s2.0-85202799988  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
78. Koishiyeva D.; Sydybayeva M.; Belginova S.; Yeskendirova D.; Azamatova Z.; Kalpebayev A.; Beketova G.  
**Cell nuclei image segmentation using U-Net and DeepLabV3+ with transfer learning and regularization**  
2024  
Indonesian Journal of Electrical Engineering and Computer Science  
2-s2.0-85198105317  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
79. Yakubova M.; Alipbayev K.; Manankova O.  
**Research on Voice Traffic Transmitted over an IP Network Based on IP PBX Asterisk under the Use of Various Codecs and Cryptosystems**  
2024  
Proceedings - 2024 8th International Conference on Cryptography, Security and Privacy, CSP 2024  
2-s2.0-85201161572  
**Тип документа:** Conference paper

**Стадия публикации:** Final  
**Источник:** Scopus

80. Pastukh A.; Tikhvinskiy V.; Devyatkin E.  
**Exploring Interference Issues in the Case of n25 Band Implementation for 5G/LTE Direct-to-Device NTN Services**  
2024  
Sensors  
2-s2.0-85185858352  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
81. Kulbayeva A.K.; Rakhmetulayeva S.B.; Bolshibayeva A.K.; Yasar A.-U.-H.  
**Data Processing Methods for Financing Terrorism: The Role of Microsoft Power BI in Money Laundering Detection**  
2024  
Procedia Computer Science  
2-s2.0-85199537885  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
82. Mambetov S.; Begimbayeva Y.; Gurko O.; Doroshenko H.; Joldasbayev S.; Fridman O.; Kulambayev B.; Babenko V.; Ilhe I.; Neronov S.  
**DETECTION AND CLASSIFICATION OF THREATS AND VULNERABILITIES ON HACKER FORUMS BASED ON MACHINE LEARNING**  
2024  
Eastern-European Journal of Enterprise Technologies  
2-s2.0-85200201851  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
83. Assanova A.T.; Uteshova R.E.  
**Two-Point Boundary-Value Problems for Differential Equations with Generalized Piecewise-Constant Argument**  
2024  
Ukrainian Mathematical Journal  
2-s2.0-85207338742  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
84. Manankova O.; Yakubova M.; Yakubov B.  
**Introduction of Steganography to Improve the Security of Transmitted Data**  
2024  
Lecture Notes in Networks and Systems  
2-s2.0-85198476389  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
85. Grabis J.; Haidabrus B.; Druzhinin E.; Kolesnikova K.  
**Deployment and Release Management Process in Agile Digital Projects**  
2024  
Lecture Notes in Mechanical Engineering  
2-s2.0-85200364199  
**Тип документа:** Conference paper  
**Стадия публикации:** Final

**Источник:** Scopus

86. Al-IQubaydhi N.; Alenezi A.; Alanazi T.; Senyor A.; Alanezi N.; Alotaibi B.; Alotaibi M.; Razaque A.; Hariri S.  
**Deep learning for unmanned aerial vehicles detection: A review**  
2024  
Computer Science Review  
2-s2.0-85184656031  
**Тип документа:** Review  
**Стадия публикации:** Final  
**Источник:** Scopus
87. Sansyzybay K.; Bakhtiyarova Y.; Iliev T.; Tasbolatova L.; Sagmedinov D.  
**Method of Evaluation of the TETRA Standard Data Transmission Channel for Ensuring Information Security of the Railway Transport System**  
2024  
TEM Journal  
2-s2.0-85207032386  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
88. Myrzakerimova A.; Khikmetov A.; Kolesnikova K.  
**Comparative effectiveness of models and methods for diagnosing diseases of internal organs**  
2024  
SIST 2024 - 2024 IEEE 4th International Conference on Smart Information Systems and Technologies, Proceedings  
2-s2.0-85202874374  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
89. Benmamoun Z.; Khlie K.; Bektemyssova G.; Dehghani M.; Gherabi Y.  
**Bobcat Optimization Algorithm: an effective bio-inspired metaheuristic algorithm for solving supply chain optimization problems**  
2024  
Scientific Reports  
2-s2.0-85202890735  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
90. Abzhanova A.; Bykov A.; Surzhik D.; Mukhamejanova A.; Orazbayev B.; Svirina A.  
**Methods for Assessing the Layered Structure of the Geological Environment in the Drilling Process by Analyzing Recorded Phase Geoelectric Signals**  
2024  
Mathematics  
2-s2.0-85199885590  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
91. Kadirbayeva Z.; Bakirova E.; Tleulessova A.  
**Solving Fredholm integro-differential equations involving integral condition: A new numerical method**  
2024  
Mathematica Slovaca  
2-s2.0-85194351664  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus

92. Rai H.M.; Shukla K.K.; Goya Y.; Amanzholova S.; Nessibely A.  
**IoT-based real-time monitoring and control system for tomato cultivation**  
2024  
Procedia Computer Science  
2-s2.0-85204292688  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
93. Rakhmetulayeva S.; Ukibassov B.; Zhanabekov Z.; Bolshibayeva A.  
**DEVELOPMENT OF DATA-EFFICIENT TRAINING TECHNIQUES FOR DETECTION AND SEGMENTATION MODELS IN ATRIAL SEPTUM DEFECT ANALYSIS**  
2024  
Eastern-European Journal of Enterprise Technologies  
2-s2.0-85209239680  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
94. Issakhov A.; Rakhymzhanova Z.; Abylkassymova A.  
**Numerical simulation of the effect of inclination angle and height of step in a backward facing step filled with nanofluid**  
2024  
European Physical Journal Plus  
2-s2.0-85211896622  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
95. Rysbayeva N.; Alpar S.; Rysbaiuly B.  
**Inverse Problem for the Moisture Transfer Equation: Development of a Method for Finding the Unknown Parameter and Proof of the Convergence of the Iterative Process**  
2024  
Symmetry  
2-s2.0-85210452768  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
96. Altaibek A.; Nurtas M.; Zhantayev Z.; Zhumabayev B.; Kumarkhanova A.  
**Classifying Seismic Events Linked to Solar Activity: A Retrospective LSTM Approach Using Proton Density**  
2024  
Atmosphere  
2-s2.0-85210444746  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
97. Kairanbayeva A.; Nurakynov S.; Zhantayev Z.; Nurtas M.; Nurpeissova G.; Panyukova D.; Mitkov A.; Talgarbayeva D.; Kudaibergenov M.  
**Predictive System for Road Condition Monitoring based on Open Climate and Remote Sensing Data - A Case Study with Mountain Roads**  
2024  
Engineered Science  
2-s2.0-85193298484  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus



98. Bektemyssova G.; Sabdenov A.  
**Building a Semantic Knowledge Graph Search Model for Finding a Causal Answer**  
2024  
Revue d'Intelligence Artificielle  
2-s2.0-85187317574  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
99. Bektemyssova G.; Moldagulova A.; Shaikemelov G.; Omarov S.; Nuralykyzy S.  
**Research on spatial aggregation patterns of urban population in Almaty City based on heat map**  
2024  
10th 2024 International Conference on Control, Decision and Information Technologies, CoDIT 2024  
2-s2.0-85208280269  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
100. Тынмбайев С.; Мукашева А.; Ибрагимов К.; Мухамедгали А.; Сергазин Г.; Илев Т.  
**Analysis and Synthesis of Single-Bit Adders for Multi-Bit Adders with Sequential Transfers †**  
2024  
Engineering Proceedings  
2-s2.0-85205271911  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
101. Мукашева А.; Коишиева Д.; Сергазин Г.; Сыдыбайева М.; Мухаммежанова Д.; Сеидазимов С.  
**Modification of U-Net with Pre-Trained ResNet-50 and Atrous Block for Polyp Segmentation: Model TASPP-UNet †**  
2024  
Engineering Proceedings  
2-s2.0-85205253941  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
102. Akyzhanova A.; Fazylzhanova A.; Kuderinova K.; Zaurbekova G.; Tatiyeva S.  
**The phenomenon of parcelling in the modern literary Kazakh language; [Явище парцеляції в сучасній літературній казахській мові]**  
2024  
Scientific Herald of Uzhhorod University. Series Physics  
2-s2.0-85197786460  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
103. Khan M.J.; Farhad M.A.; Nalgozhina N.; Razaque A.  
**Enhanced Algorithm Blend and Turing for Improving Quality-of-Service of Multiple Datasets**  
2024  
CEUR Workshop Proceedings  
2-s2.0-85192529516  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
104. Alipova A.; Turganbayeva A.; Alimzhanova L.; Savelyeva V.; Malybayev R.  
**Evaluating the Effectiveness of Gaming Practices in Enhancing Computer Science Terminology Learning among Primary School Students**

2024

International Journal of Information and Education Technology

2-s2.0-85197584700

**Тип документа:** Article

**Стадия публикации:** Final

**Источник:** Scopus

105. Ipalakova M.; Daineko Y.; Tsoy D.; Bolatov Z.  
**Implementation of a Virtual Museum: Mobile Application Development Concept**  
2024  
CEUR Workshop Proceedings  
2-s2.0-85192525036  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
106. Daineko Y.; Ipalakova M.; Tsoy D.; Alipova B.; Kozhakhmetov A.; Mustafina A.  
**Towards Metahospital: augmented and virtual reality in medicine**  
2024  
Procedia Computer Science  
2-s2.0-85183906515  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
107. Kurmanbek S.A.; Chinibayeva T.T.; Khan M.J.; Mustafina A.K.  
**Blockchain Technology in the Field of Music Industry**  
2024  
CEUR Workshop Proceedings  
2-s2.0-85192567868  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
108. Nurtas M.; Oteпов T.; Altaibek A.; Kolesnikova K.; Borodkin K.  
**Machine Learning in Finalizing Grades of Students' Performance in Distance Learning**  
2024  
CEUR Workshop Proceedings  
2-s2.0-85192534438  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
109. Sapakova S.; Sapakov A.; Yilibule Y.  
**A YOLOv5-Based Model for Real-Time Mask Detection in Challenging Environments**  
2024  
Procedia Computer Science  
2-s2.0-85183937823  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
110. Kolesnikova K.; Bakhitkyzy N.; Kolesnikov O.  
**Traffic Modeling Approaches**  
2024  
CEUR Workshop Proceedings  
2-s2.0-85192532413  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus

111. Amangeldi D.; Nurtas M.; Duzbayev N.; Altaibek A.  
**Forecasting Vegetation Dynamics in Kazakhstan's Ecosystems Through Deep Learning**  
2024  
CEUR Workshop Proceedings  
2-s2.0-85192520657  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
112. Assanova A.T.; Karakenova S.G.; Mynbayeva S.T.; Uteshova R.E.  
**A solution to a nonlinear Fredholm integro-differential equation**  
2024  
Quaestiones Mathematicae  
2-s2.0-85150503188  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
113. Seidaliev U.; Iipbayeva L.; Taissariyeva K.; Smailov N.; Matson E.T.  
**Advances and Challenges in Drone Detection and Classification Techniques: A State-of-the-Art Review**  
2024  
Sensors  
2-s2.0-85181886925  
**Тип документа:** Review  
**Стадия публикации:** Final  
**Источник:** Scopus
114. Bokanova A.A.; Abdurrahmanov A.A.; Kurpenov B.K.; Kamardin A.I.; Imanbekova T.D.  
**DEVELOPMENT OF A CORONA DISCHARGE GAS ANALYZER FOR AIR DISINFECTION**  
2024  
News of the National Academy of Sciences of the Republic of Kazakhstan, Series of Geology and Technical Sciences  
2-s2.0-85185692446  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
115. Sapakova S.; Sapakov A.; Madinesh N.; Almisreb A.; Dauletbek M.  
**Using Machine Learning to Predict Food Prices in Kazakhstan**  
2024  
CEUR Workshop Proceedings  
2-s2.0-85192567005  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
116. Тунymbаев S.; Gnatyuk S.; Ibraimov M.; Namazbayev T.; Mukasheva A.  
**Devices for Modularizing Numbers into a Square in Applications based on Public-Key Cryptography**  
2024  
CEUR Workshop Proceedings  
2-s2.0-85189149547  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
117. Duzbayev N.T.; Kozina L.A.; Makashev Y.K.  
**Using digital monitoring of respiratory functions in breathing simulators**  
2024  
Procedia Computer Science

2-s2.0-85183908268

**Тип документа:** Conference paper

**Стадия публикации:** Final

**Источник:** Scopus

118. Utegenova A.; Yermoldina G.; Suimenbayeva Z.; Aden A.; Naumenko V.; Kang J.W.  
**Activities for the Implementation of Machine-Readable Standards in the Field of Military and Space Activities Using Ontological Engineering Methods**  
2024  
Journal of Electrical Engineering and Technology  
2-s2.0-85178257881  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
119. Mendakulov Z.K.; Vassilyev I.V.; Berdimuratova L.B.; Aitmagambetov A.Z.  
**Increasing the Reliability of Human Respiration Pulmonograms Measured by Radio Wave Method**  
2024  
CEUR Workshop Proceedings  
2-s2.0-85192568058  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
120. Berikuly A.; Nurtas M.; Kozhamzharova D.  
**Machine Learning Algorithm for Biometric Identification of a Face and Its Application: Survey**  
2024  
CEUR Workshop Proceedings  
2-s2.0-85192522055  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
121. Baigabulov S.; Ipalakova M.T.  
**Virtual Reality Enabled Immersive Data Visualization for Data Analysis**  
2024  
CEUR Workshop Proceedings  
2-s2.0-85192561779  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
122. Abdullayev S.; Bakyt G.; Abdullayeva A.; Duisembayeva B.; Askenov Y.; Ashirbayev G.; Besekenov R.  
**TESTING OF RAILWAY EQUIPMENT FOR THE IMPACT ON THE TRACK AND TURNOUTS**  
2024  
Communications - Scientific Letters of the University of Žilina  
2-s2.0-85190736971  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
123. Kabdrgalinova S.; Kenzhebekova A.; Mirzoyeva L.; Manapbayeva Z.; Daineko Y.  
**Motivating Students in Learning English for Specific Purposes (ESP)**  
2024  
CEUR Workshop Proceedings  
2-s2.0-85192560966  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus

124. Lukianov D.; Kolesnikova K.; Mussurmanov A.; Lisnevskiy R.; Lisnevskiy V.  
**Using Blockchain Technology in Scientometrics**  
2024  
CEUR Workshop Proceedings  
2-s2.0-85192533216  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
125. Tuleubekov A.; Doskozhanova A.; Ipalakova M.T.  
**Natural (Human) Consciousness and Artificial Intelligence: Philosophical Analysis**  
2024  
CEUR Workshop Proceedings  
2-s2.0-85192559746  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
126. Mashakova D.; Nurtas M.; Ydyrys A.; Ipalakova M.T.  
**Improving Weather-sensing Uncrewed Aerial Vehicles with Machine Learning Prediction Models**  
2024  
CEUR Workshop Proceedings  
2-s2.0-85192553885  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
127. Abdugulova A.; Altaibek A.; Kulzhanova D.; Altayeva A.  
**Prediction of the Incidence Rate of Lung Cancer Patients using Machine Learning**  
2024  
CEUR Workshop Proceedings  
2-s2.0-85192550491  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
128. Duzbayev N.T.; Musilimov Z.A.; Kozina L.A.; Tuyenbayev M.K.  
**Development of the Electronic Circuit and Printed Circuit Board for the Breathing Simulator**  
2024  
CEUR Workshop Proceedings  
2-s2.0-85192577558  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
129. Kulakayeva A.; Aitmagambetov A.; Ongenbayeva Z.; Kozhakhmetova B.  
**Estimation of the Error in Determining the Location of Radio Emission Sources at Satellite Radio Monitoring**  
2024  
CEUR Workshop Proceedings  
2-s2.0-85192524644  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
130. Asubayev A.; Altaibek A.; Nurtas M.; Altayeva A.  
**Violence Recognition in Surveillance Videos with Dense Networks**  
2024  
CEUR Workshop Proceedings  
2-s2.0-85192540328

**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus

131. Turken G.; Temirbekova Z.; Naizabayeva L.; Barata M.M.  
**Study on a Data Warehousing for E-commerce Logistics**  
2024  
CEUR Workshop Proceedings  
2-s2.0-85192576178  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
132. Kossakov M.; Mukasheva A.; Balbayev G.; Seidazimov S.; Mukammejanova D.; Sydybayeva M.  
**Quantitative Comparison of Machine Learning Clustering Methods for Tuberculosis Data Analysis †**  
2024  
Engineering Proceedings  
2-s2.0-85189172894  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
133. Adiat L.; Altaibek A.; Nurtas M.; Altayeva A.  
**Comprehensive Study on Machine Learning Applications for Heart Disease Risk Prediction**  
2024  
CEUR Workshop Proceedings  
2-s2.0-85192552640  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
134. Ali M.; Razaque A.; Yeskendirova D.M.; Nurlybayev T.A.; Askarbekova N.Y.; Kashaganova Z.A.  
**Enhancing Cloud Computing Security through AI-Based Intelligent Intrusion Detection Leveraging Neural Networks and Artificial Bee Colony Optimization**  
2024  
CEUR Workshop Proceedings  
2-s2.0-85192564194  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
135. Shukla K.K.; Rai H.M.; Razaque A.; Amanzholova S.; Kozhakhmetova B.  
**Enhancing Gain and Bandwidth of Microstrip Antennas Through Optimized 3D Printing: A Study on Design and Implementation**  
2024  
CEUR Workshop Proceedings  
2-s2.0-85192531568  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
136. Kozhakhmetova B.; Kulakayeva A.; Samsonenko A.; Ongenbayeva Z.; Koishibay S.  
**Research of Radiating Elements of a Phased Antenna Array**  
2024  
CEUR Workshop Proceedings  
2-s2.0-85192562178  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus

137. Daineko Y.; Mustafina A.; Tigay R.; Irismatova G.; Miloshenko Y.; Omarov G.  
**Bridging the Digital Divide or Empowering for the Third Age**  
2024  
CEUR Workshop Proceedings  
2-s2.0-85192564752  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
138. Issakhov A.; Rakhymzhanova Z.; Abylkassymova A.  
**Numerical simulation of the effect of height and number of heaters on heat transfer during natural convection in a cubic enclosure filled with nanofluid**  
2024  
Numerical Heat Transfer; Part A: Applications  
2-s2.0-85163697503  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
139. Moqurrab S.A.; Razaque A.; Chinibayev Y.; Chinibayeva T.  
**Binary Rainfall Classification using SMOTE: An Effective Machine Learning Strategy**  
2024  
CEUR Workshop Proceedings  
2-s2.0-85192569914  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
140. Myrzakerimova A.; Kolesnikova K.; Nurmaganbetova M.  
**Use of Mathematical Modeling Tools to Support Decision-Making in Medicine**  
2024  
Procedia Computer Science  
2-s2.0-85183884945  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
141. Zhanalina I.M.; Begaliev S.B.; Erkebekova E.K.; Kozhamkulova G.Y.  
**Ethnolinguistic Aspects of Cultural Affiliation; [Этнолингвистические аспекты культурной принадлежности]**  
2024  
Journal of Siberian Federal University - Humanities and Social Sciences  
2-s2.0-85190786852  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
142. Borodkin K.; Nurtas M.; Altaibek A.; Daineko Y.; Oteпов T.  
**Data Pre-processing and Visualization for Machine Learning Models and its Applications in Education**  
2024  
CEUR Workshop Proceedings  
2-s2.0-85192557786  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
143. Nalgozhina N.; Uskenbayeva R.  
**Automating hybrid business processes with RPA: optimizing warehouse management**  
2024  
Procedia Computer Science

2-s2.0-85183848469

**Тип документа:** Conference paper

**Стадия публикации:** Final

**Источник:** Scopus

144. Niyazgulova A.; Rakhmetulayeva S.; Ashenova S.  
**The Impact of 3D and AR on Consumer Audiences**  
2024  
CEUR Workshop Proceedings  
2-s2.0-85192572461  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
145. Sapakova S.; Sapakov A.  
**Features of modeling the online real estate market in Almaty**  
2024  
Procedia Computer Science  
2-s2.0-85183851997  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
146. Temirbekova Z.; Naizabayeva L.; Turken G.; Abdiakhmetova Z.; Satymbekov M.  
**IDENTIFICATION OF AN ALGORITHM FOR THE ANALYSIS AND STUDY OF URBAN ROAD NETWORK TRAJECTORIES**  
2024  
Eastern-European Journal of Enterprise Technologies  
2-s2.0-85194950927  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
147. Kaldarova A.; Kulgildinova T.; Berdenova S.; Zakirova G.; Zhanabayeva S.  
**Subject-related communicative language competence: Exploring future information technology specialists' learning and teaching**  
2024  
Journal of Education and e-Learning Research  
2-s2.0-85182898473  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
148. Abdrakhmanov R.; Kenesbayev S.M.; Berkimbayev K.; Toikenov G.; Abdrashova E.; Alchinbayeva O.; Ydyrys A.  
**Offensive Language Detection on Social Media using Machine Learning**  
2024  
International Journal of Advanced Computer Science and Applications  
2-s2.0-85197153260  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
149. Beknazarova S.S.; Kozhamzharova D.K.  
**Degree of Influence of Natural Phenomena on Images in Visualization Systems**  
2024  
CEUR Workshop Proceedings  
2-s2.0-85192574370  
**Тип документа:** Conference paper  
**Стадия публикации:** Final



**Источник:** Scopus

150. Zhussupova D.; Otelbaev M.; Burgumbayeva S.  
**Modeling Gas Compressor Station Operation to Minimize Fuel Costs for Surge Zone Protection**  
2024  
International Journal of Rotating Machinery  
2-s2.0-85188830320  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
151. Kaplun D.; Romanov S.; Ipalakova M.; Daineko Y.; Bolatov Z.; Tsoy D.  
**Application of immersive technology in a museum**  
2024  
Procedia Computer Science  
2-s2.0-85183852335  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
152. Alpar S.; Berger J.; Rysbaiuly B.; Belarbi R.  
**Estimation of soils thermophysical characteristics in a nonlinear inverse heat transfer problem**  
2024  
International Journal of Heat and Mass Transfer  
2-s2.0-85173098344  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
153. Soltani M.A.S.; Nurtas M.; Matkerim B.; Nalgozhina N.  
**The Effectiveness of Deep Learning Algorithms in Sign Road Recognition Problem**  
2024  
CEUR Workshop Proceedings  
2-s2.0-85192537464  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
154. Hnatiienko H.; Hnatiienko V.; Zulunov R.; Babenko T.; Myrutenko L.  
**Method for Determining the Level of Criticality Elements when Ensuring the Functional Stability of the System based on Role Analysis of Elements**  
2024  
CEUR Workshop Proceedings  
2-s2.0-85189138054  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
155. Samala A.D.; Govender T.; Tsoy D.; Bojic L.; Samala A.G.; Samala M.P.; Prasetya F.; Yanto D.T.P.; Zainul R.; Fortuna A.  
**3D Visualizations in Learning: An Evaluation of an AR+Core Application for Computer Hardware Education using the Hedonic Motivation System Adoption Model**  
2024  
TEM Journal  
2-s2.0-85188780124  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
156. Omarov B.S.; Ibrayev S.; Ibrayeva A.; Amanov B.; Momynkulov Z.

**Optimal Leg Linkage Design for Horizontal Propel of a Walking Robot Using Non-Dominated Sorting Genetic Algorithm**

2024

IEEE Access

2-s2.0-85182947611

**Тип документа:** Article

**Стадия публикации:** Final

**Источник:** Scopus

157. Alipova B.; Daineko Y.; Rysbek N.; Tokmukhamedova F.; Bolatov Z.  
**Computer Simulation of the Human Cardiovascular System in the Power BI Software Environment**  
2024  
CEUR Workshop Proceedings  
2-s2.0-85192568098  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
158. Berdykulova G.; Daineko Y.; Kamysbayev M.; Omarova A.; Auken V.; Abdinova M.  
**Digitalization of human resource department: the experience of Kazakhstani enterprise**  
2024  
Procedia Computer Science  
2-s2.0-85183907532  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
159. Tikhvinskiy V.; Umanskiy R.; Falko S.  
**Criteria and Assessment of Opportunities for Creating Digital Ecosystems by 5G Mobile Operators**  
2024  
Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)  
2-s2.0-85195393835  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
160. Naizabayeva L.; Nurzhanov C.A.; Satymbekov M.N.; Elle V.Z.  
**Information system for remediation and cleanup of contaminated soil with machine learning**  
2024  
Procedia Computer Science  
2-s2.0-85183840072  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
161. Babenko T.; Kolesnikova K.; Lisnevskiy R.; Makilenov S.; Landovsky Y.  
**Definition of Cryptojacking Indicators**  
2024  
CEUR Workshop Proceedings  
2-s2.0-85192508442  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
162. Nurtas M.; Zhantaev Z.; Altaibek A.  
**Earthquake time-series forecast in Kazakhstan territory: Forecasting accuracy with SARIMAX**  
2024  
Procedia Computer Science  
2-s2.0-85183929948

**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus

163. Khikmetov A.; Alpysbayev K.; Kolesnikova K.  
**Transformation of the Team Role Model of Scientific Schools Into a Markov Chain**  
2024  
Procedia Computer Science  
2-s2.0-85183845484  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
164. Razaque A.; Rai H.M.; Chinibayev Y.; Chinibayeva T.  
**Analysis of Major Factors Preventing Cybercrime Reduction in Kazakhstan**  
2024  
CEUR Workshop Proceedings  
2-s2.0-85192538943  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
165. Saleh M.A.; Amanzholova S.T.; Sagymbekova A.O.; Zaurbek A.; Almisreb A.A.  
**How Can Blockchain Strengthen Cybersecurity? Unravelling the Promises and Challenges**  
2024  
CEUR Workshop Proceedings  
2-s2.0-85192557480  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
166. Mirzakulova S.; Ibrayeva Z.; Kuanova S.; Mamyrova A.; Japparkulov B.; Kamal R.  
**VISUAL IDENTIFICATION OF SOME REGULARITIES IN PACKET NETWORK TRAFFIC**  
2024  
Eastern-European Journal of Enterprise Technologies  
2-s2.0-85189993254  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
167. Gulnara B.; Guldana S.; Yerassyl A.  
**Application of Recommended Systems for E-commerce**  
2024  
Procedia Computer Science  
2-s2.0-85183854461  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
168. Bolshibayeva A.K.; Rakhmetulayeva S.B.; Kulbayeva A.K.  
**Machine Learning Methods to Detect Terrorist Financing**  
2024  
CEUR Workshop Proceedings  
2-s2.0-85192539873  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
169. Kozhamkulova Z.; Nurlybaeva E.; Suleimenova M.; Mukhammejanova D.; Vorogushina M.; Bidakhmet Z.; Maikotov M.

**Decision Making Systems for Pneumonia Detection using Deep Learning on X-Ray Images**  
2024

International Journal of Advanced Computer Science and Applications  
2-s2.0-85197205287

**Тип документа:** Article

**Стадия публикации:** Final

**Источник:** Scopus

170. Kadyr S.; Tolganay C.  
**Affective computing methods for simulation of action scenarios in video games**  
2024  
Procedia Computer Science  
2-s2.0-85183848165  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
171. Beissenova G.; Ussipbekova D.; Sultanova F.; Nurzhamal K.; Baenova G.; Suimenova M.; Rzayeva K.; Azhibekova Z.; Ydyrys A.  
**Real-Time Road Lane-Lines Detection using Mask-RCNN Approach**  
2024  
International Journal of Advanced Computer Science and Applications  
2-s2.0-85197866001  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
172. Ananthula B.; Budde N.; Baranovskyi O.; Babenko T.; Bigdan A.; Lisnevskiy R.  
**In-depth Study of Intelligent Healthcare Systems Using 5G Security**  
2024  
CEUR Workshop Proceedings  
2-s2.0-85192549346  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
173. Duzbayev N.T.; Velitchenko S.N.; Doskhozina Z.M.  
**Immersive Media as a New Multimedia Experience: Prospects and Risks**  
2024  
CEUR Workshop Proceedings  
2-s2.0-85192559870  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
174. Hnatiienko H.; Babenko T.; Myrutenko L.; Hnatiienko O.; Kurbanbek Y.  
**Taking into Account the Presence of Critical Elements to Ensure the Functional Stability of the Organizational System**  
2024  
CEUR Workshop Proceedings  
2-s2.0-85192559471  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
175. Kapyshev G.; Nurtas M.; Altaibek A.  
**Speech recognition for Kazakh language: a research paper**  
2024  
Procedia Computer Science  
2-s2.0-85183838884

**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus

176. Koshanov B.; Bakytbek M.  
**On Fredholm Solvability and on the Index of the Generalized Neumann Problem for an Elliptic Equation of High Order on a Plane**  
2024  
Trends in Mathematics  
2-s2.0-85190263099  
**Тип документа:** Book chapter  
**Стадия публикации:** Final  
**Источник:** Scopus
177. Kaldarova A.; Vasquez M.; Baisbay N.; Altayeva A.  
**The Effects of Quizlet on International Information Technology University First-Year Students' Vocabulary Acquisition**  
2024  
CEUR Workshop Proceedings  
2-s2.0-85192522819  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
178. Seilova N.A.; Gnatyuk S.O.; Batyrgaliyev A.A.; Dzhangozin Z.A.; Baibatchayeva D.A.; Nurgabylov N.; Ibraev R.  
**Method for Assessing Noise Quality Based on Entropy Quality Factor**  
2024  
International Journal of Computing  
2-s2.0-85198058767  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
179. Razaque A.; Amanzholova S.; Sagymbekova A.; Zaurbek A.  
**Performance Comparison of Convolutional Neural Networks for Handwritten Digit Recognition Using Activation Functions and Optimization Methods**  
2024  
CEUR Workshop Proceedings  
2-s2.0-85192532979  
**Тип документа:** Conference paper  
**Стадия публикации:** Final  
**Источник:** Scopus
180. Seidaliyeva A.; Kabdushev S.; Baipakbayeva S.; Kopishev E.; Suleimenov I.  
**The diversification of energy sources in Kazakhstan as a way to dampen the consequences of a predicted crisis**  
2024  
Polityka Energetyczna  
2-s2.0-85189784810  
**Тип документа:** Article  
**Стадия публикации:** Final  
**Источник:** Scopus
181. Bekaulova Z.; Duzbayev N.; Mamatova G.; Bersugir M.; Bekaulov N.  
**Adaptive Learning Model and Analysis of Existing Systems**  
2024  
CEUR Workshop Proceedings  
2-s2.0-85192563742  
**Тип документа:** Conference paper

**Стадия публикации:** Final  
**Источник:** Scopus

182. Temirbekova Z.E.; Turken G.; Barata M.M.  
**Using Fully Homomorphic Encryption in IoT**  
2024

CEUR Workshop Proceedings  
2-s2.0-85192576005

**Тип документа:** Conference paper

**Стадия публикации:** Final

**Источник:** Scopus

183. Hamada M.A.; Abiche A.E.  
**Impact of Data Mining and Social Media Marketing to Enrich Customer Satisfaction**  
2024

CEUR Workshop Proceedings  
2-s2.0-85192534122

**Тип документа:** Conference paper

**Стадия публикации:** Final

**Источник:** Scopus

Hamada M.A.; Abiche A.E.

184. Saltanat J.; Sarsembayev A.; Tolganbayeva G.A.  
**Comparing Machine Learning Models to Determine the Effect of Speech Duration on Speaker Identification within Kazakh Speech Corpus**  
2024

Procedia Computer Science  
2-s2.0-85183912899

**Тип документа:** Conference paper

**Стадия публикации:** Final

**Источник:** Scopus