

1.

Location-Based Lattice Mobility Model for Wireless Sensor Networks

By: Al-Rahayfeh, Amer; Razaque, Abdul; Jararweh, Yaser; et al.

SENSORS Volume: 18 Issue: 12 Article Number: 4096 Published: **DEC 2018**

2.

Vaught's conjecture for weakly o-minimal theories of convexity rank 1

By: Alibek, A.; Baizhanov, B. S.; Kulpeshov, B. Sh; et al.

ANNALS OF PURE AND APPLIED LOGIC Volume: 169 Issue: 11 Pages: 1190-1209 Published: **NOV 2018**

3.

Applying Bayesian Regularization for Acceleration of Levenberg-Marquardt based Neural Network Training

By: Suliman, Azizah; Omarov, Batyrkhan S.

INTERNATIONAL JOURNAL OF INTERACTIVE MULTIMEDIA AND ARTIFICIAL INTELLIGENCE Volume: 5 Issue: 1 Pages: 68-72 Published: **JUN 2018**

4.

Well-posedness of nonlocal boundary value problem for a system of loaded hyperbolic equations and an algorithm for finding its solution

By: Dzhumabaev, Dulat S.

JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS Volume: 461 Issue: 1 Pages: 817-836 Published: **MAY 1 2018**

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On Algebras of Distributions of Binary Isolating Formulas for Theories of Abelian Groups and Their Ordered Enrichments

By: Baikalova, K. A.; Emel'yanov, D. Yu.; Kulpeshov, B. Sh.; et al.

RUSSIAN MATHEMATICS Volume: 62 Issue: 4 Pages: 1-12 Published: **APR 2018**

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Computational methods of solving the boundary value problems for the loaded differential and Fredholm integro-differential equations

By: Dzhumabaev, Dulat

MATHEMATICAL METHODS IN THE APPLIED SCIENCES Volume: 41 Issue: 4 Pages: 1439-1462 Published: **MAR 15 2018**

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Preservation of omega-Categoricity In Expanding The Models of Weakly o-Minimal Theories

By: Baizhanov, S. S.; Kulpeshov, B. Sh.

SIBERIAN MATHEMATICAL JOURNAL Volume: 59 Issue: 2 Pages: 207-216 Published: **MAR 2018**

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Utilization of Fuzzy Mathematics for Security Model of a System

By: Duisebekova, K. S.; Duisebekov, T.

Conference: 12th IEEE International Conference on Application of Information and Communication Technologies (AICT) Location: Almaty, KAZAKHSTAN Date: OCT 17-19, 2018

Sponsor(s): Inst Elect & Elect Engineers; Kazakh British Tech Univ; Al Farabi Kazakh Natl Univ; Suleyman Demirel Univ; ADA Univ

2018 IEEE 12TH INTERNATIONAL CONFERENCE ON APPLICATION OF INFORMATION AND COMMUNICATION TECHNOLOGIES (AICT) Book Series: International Conference on Application of Information and Communication Technologies Pages: 213-218 Published: 2018

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Mathematical simulation of interplanetary flight: model of solar sail surface oscillations

By: Bakhyt, Alipova; Chekashov, A. S.; Gorbunova, I., V; et al.

Conference: 12th IEEE International Conference on Application of Information and Communication Technologies (AICT) Location: Almaty, KAZAKHSTAN Date: OCT 17-19, 2018

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2018 IEEE 12TH INTERNATIONAL CONFERENCE ON APPLICATION OF INFORMATION AND COMMUNICATION TECHNOLOGIES (AICT) Book Series: International Conference on Application of Information and Communication Technologies Pages: 385-389 Published: 2018

10.

Development of the educational software based on a game engine

By: Daineko, Yevgeniya; Ipalakova, Madina; Tsoy, Dana; et al.

Conference: 12th IEEE International Conference on Application of Information and Communication Technologies (AICT) Location: Almaty, KAZAKHSTAN Date: OCT 17-19, 2018

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2018 IEEE 12TH INTERNATIONAL CONFERENCE ON APPLICATION OF INFORMATION AND COMMUNICATION TECHNOLOGIES (AICT) Book Series: International Conference on Application of Information and Communication Technologies Pages: 395-398 Published: 2018

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Energy Efficient Medium Access Control Protocol for Wireless Sensor Networks

By: Razaque, Abdul; Almiani, Muder; Khan, Meer Jaro; et al.

Conference: 6th International Renewable and Sustainable Energy Conference (IRSEC) Location: Rabat, MOROCCO Date: DEC 05-08, 2018

2018 6TH INTERNATIONAL RENEWABLE AND SUSTAINABLE ENERGY CONFERENCE (IRSEC) Book Series: International Renewable and Sustainable Energy Conference IRSEC Pages: 1160-1165 Published: 2018

12.

Development of Practical Tasks in Physics with Elements of Augmented Reality for Secondary Educational Institutions

By: Daineko, Yevgeniya; Ipalakova, Madina; Tsoy, Dana; et al.

Conference: 5th International Conference on Augmented Reality, Virtual Reality, and Computer Graphics (SALENTO AVR) Location: Otranto, ITALY Date: JUN 24-27, 2018

Sponsor(s): Univ Salento

AUGMENTED REALITY, VIRTUAL REALITY, AND COMPUTER GRAPHICS, AVR 2018, PT I Book Series: Lecture Notes in Computer Science Volume: 10850 Pages: 404-412 Published: 2018

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Software Tools for Environmental Monitoring of the Northern Part of the Caspian Sea

By: Kaziyeva, G. D.; Sagnayeva, S. K.; Sembina, G. K.; et al.

Conference: 4th International Conference on Computer and Technology Applications (ICCTA) Location: Istanbul, TURKEY Date: MAY 03-05, 2018
Sponsor(s): IEEE
2018 4TH INTERNATIONAL CONFERENCE ON COMPUTER AND TECHNOLOGY APPLICATIONS (ICCTA) Pages: 85-90 Published: 2018

14.

The Use of Single Lenses in the Radio Frequency Mass Spectrometers

By: Daumenov, T.; Khizirova, M. A.; Baikenov, A. S.; et al.

HELIX Volume: 8 Issue: 6 Pages: 4558-4563 Published: 2018

15.

The development of a web application for the automatic analysis of the tonality of texts based on machine learning methods

By: Gulnara, Bektemyssova; Ilyas, Zhuanyshhev; Gulnara, Zakirova

Conference: 18th International Conference on Control, Automation and Systems (ICCAS) Location: SOUTH KOREA Date: OCT 17-20, 2018

Sponsor(s): SCIE; IEEE; CAC; ACA; ECTI Assoc; ISA; AAI

2018 18TH INTERNATIONAL CONFERENCE ON CONTROL, AUTOMATION AND SYSTEMS (ICCAS) Book

Series: International Conference on Control Automation and Systems Pages: 101-103 Published: 2018

16.

Synthesis of clustering algorithms based on selection of centroids

By: Sultanov, Yeskendir; Moldagulova, Aiman; Amirgaliev, Yedilkhan; et al.

Conference: 18th International Conference on Control, Automation and Systems (ICCAS) Location: SOUTH KOREA Date: OCT 17-20, 2018

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2018 18TH INTERNATIONAL CONFERENCE ON CONTROL, AUTOMATION AND SYSTEMS (ICCAS) Book

Series: International Conference on Control Automation and Systems Pages: 243-246 Published: 2018

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Basics of creating platforms for automation of business processes of logistics

By: Uskenbayeva, R. K.; Kuandykov, A. A.; Rakhmetulayeva, S. B.; et al.

Conference: 18th International Conference on Control, Automation and Systems (ICCAS) Location: SOUTH KOREA Date: OCT 17-20, 2018

Sponsor(s): SCIE; IEEE; CAC; ACA; ECTI Assoc; ISA; AAI

2018 18TH INTERNATIONAL CONFERENCE ON CONTROL, AUTOMATION AND SYSTEMS (ICCAS) Book

Series: International Conference on Control Automation and Systems Pages: 1265-1271 Published: 2018

18.

Problems in Models of Opening Networks Resources and Methods for Calculating System Performance and Reliability

By: Gulnara, Bektemyssova; Bin Ahmad, Abdul Rahim; Ismail, Roslan

Conference: 18th International Conference on Control, Automation and Systems (ICCAS) Location: SOUTH KOREA Date: OCT 17-20, 2018

Sponsor(s): SCIE; IEEE; CAC; ACA; ECTI Assoc; ISA; AAI

2018 18TH INTERNATIONAL CONFERENCE ON CONTROL, AUTOMATION AND SYSTEMS (ICCAS) Book

Series: International Conference on Control Automation and Systems Pages: 1790-1796 Published: 2018

19.

ON RELATIVE SEPARABILITY IN HYPERGRAPHS OF MODELS OF THEORIES

By: **Kulpeshov, B. Sh.; Sudoplatov, S. V.**

EURASIAN MATHEMATICAL JOURNAL Volume: 9 Issue: 4 Pages: 68-78 Published: **2018**

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Computer Modeling of Process of Flame Distribution and Attenuation in Narrow Channels

By: **Sapargalieva, B.; Alipova, B.; Naukenova, A.; et al.**

Conference: **IEEE International Conference on Management of Municipal Waste as an Important Factor of Sustainable Urban Development (WASTE)** Location: **Saint Petersburg Electrotechn Univ LETI, Saint Petersburg, RUSSIA** Date: **OCT 04-06, 2018**

Sponsor(s): **IEEE**

PROCEEDINGS OF THE 2018 IEEE INTERNATIONAL CONFERENCE MANAGEMENT OF MUNICIPAL WASTE AS AN IMPORTANT FACTOR OF SUSTAINABLE URBAN DEVELOPMENT (WASTE'2018) Pages: 42-45 Published: **2018**

21.

EXPLORING ICT EDUCATION AT MASTER LEVEL IN THE CONTEXT OF ADVANCEMENT OF DIGITAL ECOSYSTEM: THE CASE OF KAZAKHSTAN

By: **Ahrens, Andreas; Gruenwald, Norbert; Zascerinska, Jelena; et al.**

Conference: **International Scientific Conference on Society, Integration, Education** Location: **Rezekne Acad Technologies, Rezekne, LATVIA** Date: **MAY 25-26, 2018**

Sponsor(s): **Klaipeda Univ; Rigas Stradina Univ; Rezekne Acad Technologies, Fac Educ Language & Design SOCIETY, INTEGRATION, EDUCATION: HIGHER EDUCATION** Book Series: **Sabiedriba Integracija Izglitiba-Society Integration Education** Pages: 17-27 Published: **2018**

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THE ANALYSIS OF HEAT AND MASS PROPERTIES OF THE FIRE EXTINGUISHING POWDER IN EFFECTIVENESS CRITERIA

By: **Sapargalieva, B.; Naukenova, A.; Alipova, B.; et al.**

NEWS OF THE NATIONAL ACADEMY OF SCIENCES OF THE REPUBLIC OF KAZAKHSTAN-SERIES OF GEOLOGY AND TECHNICAL SCIENCES Issue: 4 Pages: 51-61 Published: **2018**

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Design of a multiagent-based smart microgrid system for building energy and comfort management

By: **Omarov, Batyrkhan; Altayeva, Aigerim**

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES Volume: 26 Issue: 5 Pages: 2714-2725 Published: **2018**

24.

Development of the Information and Analytical System in the Control of Management of University Scientific and Educational Activities

By: **Saule, Kumargazhanova; Indira, Uvaliyeva; Aleksander, Baklanov; et al.**

ACTA POLYTECHNICA HUNGARICA Volume: 15 Issue: 4 Pages: 27-44 Published: **2018**

25.

On structures in hypergraphs of models of a theory

By: **Kulpeshov, B. Sh; Sudoplatov, S. V.**

26.

EXPANDING 1-INDISCERNIBLE COUNTABLY CATEGORICAL WEAKLY O-MINIMAL THEORIES BY EQUIVALENCE RELATIONS

By: Baizhanov, Sayan Samatovich; Kulpeshov, Beibut Shaiykovich

SIBERIAN ELECTRONIC MATHEMATICAL REPORTS-SIBIRSKIE ELEKTRONNYE MATEMATICHESKIE IZVESTIYA Volume: 15 Pages: 106-114 Published: 2018

27.

ON FREEDOM AND INDEPENDENCE IN HYPERGRAPHS OF MODELS OF THEORIES

By: Kulpeshov, B. Sh.; Sudoplatov, S. V.

SIBERIAN ELECTRONIC MATHEMATICAL REPORTS-SIBIRSKIE ELEKTRONNYE MATEMATICHESKIE IZVESTIYA Volume: 15 Pages: 612-630 Published: 2018

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ON EXPANDING COUNTABLY CATEGORICAL WEAKLY O-MINIMAL THEORIES BY BINARY PREDICATES

By: Baizhanov, S. S.; Kulpeshov, B. Sh.

NEWS OF THE NATIONAL ACADEMY OF SCIENCES OF THE REPUBLIC OF KAZAKHSTAN-SERIES PHYSICO-MATHEMATICAL Volume: 1 Issue: 317 Pages: 18-24 Published: 2018

29.

INNOVATIVE METHODS OF TEACHING ENGLISH AND KAZAKH FOR PROFESSIONAL PURPOSES AT TECHNICAL UNIVERSITIES OF KAZAKHSTAN

By: Zhanabayeva, S.; Tuleup, M.

Conference: 10th International Conference on Education and New Learning Technologies (EDULEARN) Location: Palma, SPAIN Date: JUL 02-04, 2018

EDULEARN18: 10TH INTERNATIONAL CONFERENCE ON EDUCATION AND NEW LEARNING TECHNOLOGIES Book Series: EDULEARN Proceedings Pages: 1904-1913 Published: 2018

30.

USING GAME ENGINE IN DEVELOPMENT OF THE VIRTUAL SIMULATOR OF THE SCANNING ELECTRON MICROSCOPE

By: Daineko, Yevgeniya; Ipalakova, Madina; Brodyagina, Mariya; et al.

Conference: 10th International Conference on Education and New Learning Technologies (EDULEARN) Location: Palma, SPAIN Date: JUL 02-04, 2018

EDULEARN18: 10TH INTERNATIONAL CONFERENCE ON EDUCATION AND NEW LEARNING TECHNOLOGIES Book Series: EDULEARN Proceedings Pages: 3554-3558 Published: 2018

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USING NEW TECHNOLOGIES TO SUPPORT PHYSICS COURSE FOR SECONDARY SCHOOLS

By: Daineko, Yevgeniya; Ipalakova, Madina; Tsoy, Dana; et al.

Conference: 10th International Conference on Education and New Learning Technologies (EDULEARN) Location: Palma, SPAIN Date: JUL 02-04, 2018

EDULEARN18: 10TH INTERNATIONAL CONFERENCE ON EDUCATION AND NEW LEARNING TECHNOLOGIES Book Series: EDULEARN Proceedings Pages: 3559-3562 Published: 2018

32.

New general solutions to linear Fredholm integro-differential equations and their applications on solving the boundary value problems

By: Dzhumabaev, Dulat S.

JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS Volume: 327 Pages: 79-

108 Published: **JAN 1 2018**