

Всички цитати (първа част - на научни публикации)

- **Звено:** (ИИКТ) Институт по информационни и комуникационни технологии
- **Име:**
 - (ИИКТ/0282) Благоева, Елена Атанасова
 - (ИИКТ/0318) Богданова, Нина Руменова
 - (ИИКТ/0131) Бонева, Ани Тодорова
 - (ИИКТ/0242) Иванов, Стоян Михайлов
 - (ИИКТ/0130) Илчев, Светозар
 - (ИИКТ/0126) Илчева, Златолилия Симанова
 - (ИИКТ/0015) Карастоянов, Димитър
 - (ИИКТ/0151) Колев, Васил
 - (ИИКТ/0338) Костадинов, Димитър
 - (ИИКТ/0263) Кръстева, Анна Георгиева
 - (ИИКТ/0283) Кърков, Бойко
 - (ИИКТ/0208) Петров, Илиян Иванов
 - (ИИКТ/0308) Славкова-Ботева, Ивана
 - (ИИКТ/0014) Стоилов, Тодор
 - (ИИКТ/0138) Стоилова, Красимира Петрова
 - (ИИКТ/0042) Терзийски, Атанас Танов
 - (ИИКТ/0121) Чикуртев, Денис Сафидинов
- **Година:** 2023 ÷ 2024
- **Условие:** Датата да бъде по-голяма от 20.01.2024
- **Тип записи:** Записи, които влизат в отчета на звеното

Брой цитирани публикации: 89

Брой цитиращи източници: 172

Коригиран брой: 172.000

1998

1. **Stoilova K., Stoilov T.** Traffic Noise and Traffic Light Control. International Journal of Transportation Research, Part D, 3, 6, Elsevier for hard journal, e-version - Pergamon, 1998, ISSN:1361-9209, DOI:http://dx.doi.org/10.1016/S1361-9209(98)00017-0, 399-417

Цитира се в:

1. Singh, D., Nigam, S.P. (2024). Traffic Noise Modelling. In: Garg, N., Gautam, C., Rab, S., Wan, M., Agarwal, R., Yadav, S. (eds) Handbook of Vibroacoustics, Noise and Harshness. Springer, Singapore, Online ISBN978-981-99-4638-9, @2024 [Линк](#) **1.000**

2006

2. **Stoilov T., Stoilova K.** Automation in business processes. Proceedings of the International conference "Systems for Automation of Engineering and Researches SAER'2006", Varna, Bulgaria, 2006, ISBN:ISBN-10: 954-438-575-4, ISBN-13: 978-954-438-575-0, 182-187

Цитира се в:

2. Hade Chandra Batubara, S.E., M.M , Eka Santi Agustina, S.Sos., M.M., CIQaR., CIQnR, Rosita, S.E., M.Si , Rahmat Aji Nuryakin, S.E., M.M , Bahrul Ulum Ilham, S.Pd., M.M, Mohammad Yamin, S.E., Ak., M.M, Awa, S.Sos., M.M , Vransisca Kissya, S.E., M.A , Antonius Rino Vanchapo, S.ker., S.A.P., M.MKes., Cd.Dr , Suprianto K, S.E., M.M... PEMAHAMAN BISNIS PROSES DAN PENGEMBANGANNYA
Издател : Cendikia Mulia Mandiri, 2024 , ISBN 978-623-8576-01-2, 168 p., @2024 [Линк](#)

2010

3. **Kolev V., Tsvetkova K, Tsvetkov M.** Singular Value Decomposition of Images From Scanned Photographic Plates. Proc. of the VII Bulgarian-Serbian Astronomical Conference, 2010, ISBN:ISBN 978-86-89035-01, pp. 187-200

Цитира се е:

3. Banda T., Jauw V.L., Li C., Farid A. A., Lim C. S., Multi-sectional SVD-based machine learning for imagery signal processing and tool wear prediction during CNC milling of Inconel 718, vol. 132, pp. 4017–4034, International Journal of Advanced Manufacturing Technology, 2024, @2024 [Линк](#) 1.000

2014

4. Karastoyanov, D., Doukovska, L., Atanassova, V.. Electromagnetic Linear Micro Drives for Braille Screen: Characteristics, Control and Optimization. Proceedings of the Third International Conference on Telecommunications and Remote Sensing – ICTRS'14, Luxembourg, Grand Duchy of Luxembourg, SCITEPRESS - Science and Technology Publications, 2014, ISBN:978-989-758-033-8, DOI:10.5220/0005421700880093, 88-93

Цитира се е:

4. Arefeh Abbasi, Tian Chen, Bastien F.G. Aymon, Pedro M. Reis, Leveraging the Snap Buckling of Bistable Magnetic Shells to Design a Refreshable Braille Dot, Advanced Materials Technologies, vol. 9, No.3, DOI: 10.1002/admt.202301344, 2024., @2024 [Линк](#) 1.000
5. Matthew T. Flavin, Kyoung-Ho Ha, Zengrong Guo at al., Bioelastic state recovery for haptic sensory substitution, Nature, 635(8038), DOI: 10.1038/s41586-024-08155-9, pp. 345-352, 2024., @2024 [Линк](#) 1.000

2015

5. Jakimovska K., Vasilev V., Gyoshev S., Stoimenov N., Karastoyanov D.. Train control system for railway vehicles running at operational speed. 22nd International Scientific Conference on Achievements in Mechanical and Materials Engineering (AMME'2015), Zakopane (Poland), 06-09/12/, 2015, ISBN:978-83-63553-39-5, 38-43

Цитира се е:

6. Kilinc, O., Vágner, J., Wayside Condition Monitoring of Metro Wheelsets Using Vibration and Acoustic Sensors, Journal of Traitement du Signal, 2024, Vol 41, Issue 3, p1271, ISSN 0765-0019, DOI: 10.18280/ts.410316, 2024, @2024 [Линк](#) 1.000
6. Stoilov T., Stoilova K., Papageorgiou M., Papamichail I. Bi-Level Optimization in a Transport Network. Cybernetics and Information Technologies, 15, 5, Marin Drinov, 2015, ISSN:Print ISSN: 1311-9702 Online ISSN: 1314-4081, DOI:10.1515/cait-2015-0023, 37-49. SJR:0.212

Цитира се е:

7. Xu Z. , Xichen Y. , Pan G. , Bin H. Research on Navigation Congestion Charging Mechanism of Hydro-junction Based on Bi-level Programming. Management Review vol.35, No 6, 2023, pp. 288-300, @2023 1.000
7. Chivarov N., Shivarov S., Yovchev K., Chikurtev D., Shivarov N.. Intelligent Modular Service Mobile Robot ROBCO 12 for Elderly And Disabled Persons Care. IEEE RAAD 2014 - Conference Proceedings 6 January 2015, Article number 7002238, Institute of Electrical and Electronics Engineers Inc., 2015, ISBN:978-147996798-8, DOI:10.1109/RAAD.2014.7002238, 343-348

Цитира се е:

8. Rouf, M. A., Bhattacharjee, P., Labonna, L., Hossain, M. M., Tamanna, J. T., & Banu, N. (2023, June). Integrated Healthcare for Cripple and Disabled Person in Home or Hospital. In 2023 International Conference on Next-Generation Computing, IoT and Machine Learning (NCIM) (pp. 1-6). IEEE., @2023 [Линк](#) 1.000
8. Atanassova V., Doukovska, L., Karastoyanov, D., Čapkovič, F.. InterCriteria Decision Making Approach to EU Member States Competitiveness Analysis: Trend Analysis. Proceedings of the 7th IEEE International Conference on Intelligent Systems - IS'14, Warsaw, Poland, Volume 1: Mathematical Foundations, Theory, Analyses, In Series: Advances in Intelligent Systems and Computing, 1, 322, Springer International Publishing, 2015, ISBN:978-3-319-11312, ISSN:2194-5357, DOI:10.1007/978-3-319-11313-5_10, 107-115

Цитира се е:

9. Alžbeta Michalíková, Adam Dudáš, Some Notes on the Relationships between Intuitionistic Fuzzy Sets and Correlation Analysis, Notes on Intuitionistic Fuzzy Sets, vol. 30, №1, DOI: 10.7546/nifs.2024.30.1.77-91, pp. 77-91, 2024., @2024 [Линк](#) 1.000
10. Petrov I., Multi-Criteria Assessment of Students Performance Integrating AHP, Entropy and TOPSIS, Proceedings of the 7th International Conference on Information Technologies in Engineering Education (Inforino), DOI: 10.1109/Inforino60363.2024.10551930, Moscow, Russian Federation, pp. 1-6, 2024., @2024 [Линк](#) 1.000
11. Тодорова Стела Димитрова, Обзор върху публикациите по индексирани матрици, БУ "Проф. Асен Златаров", 2024., @2024 [Линк](#) 1.000

2016

9. Kirov, B., Asenovski, S., **Bachvarov, D., Boneva, A.**, Grushin, V., Georgieva, K., Klimov, S.. Langmuir Probe Measurements Aboard the International Space Station. *Geomagnetism and Aeronomy*, 56, 8, Pleiades Publishing, Ltd., 2016, ISSN:0016-7932 (Print) 1555-645X (Online), DOI:10.1134/S0016793216080120, 1082-1089. JCR-IF (Web of Science):0.556

[Цитира се е:](#)

12. Wie-Addo, Emmanuel Kofi Asuako, Jacob Ortega and Daoru Han, Ground Vacuum Facility to Simulate Low Earth Orbit Plasma Environment, *Journal of Spacecraft and Rockets*, eISSN 1533-6794, Published by the American Institute of Aeronautics and Astronautics, Inc., pp. 1-12, September 2024, DOI: 10.2514/1.A36013, SJR (SCOPUS)2023: 0.64, Q2, @2024 [Линк](#) **1.000**

2017

10. **Karastoyanov D.**, Grozdanova T., Kandeва M., Assenova E.. Wear resistance of WC/Co HVOF-coatings and galvanic Cr coatings modified by diamond nanoparticles. *Int. Conf. ROTRIB 2016, 2017*, DOI:10.1088/1757-899X/174/1/012060, SJR (Scopus):0.201

[Цитира се е:](#)

13. Durga Prasad C., Piyush Kumar Soni, Nagaraja K, C. and others Studies on wear and microstructure assessment of WC-Co reinforced iron based HVOF coating May 2024, *Results in Surfaces and Interfaces* 15(12):100237 DOI: 10.1016/j.rsufi.2024.100237 LicenseCC BY-NC 4.0, Lab: Piyush Kumar Soni's Lab, @2024 [Линк](#) **1.000**

11. **Karastoyanov D.**, Kandeва M., Ivanova B., Grozdanova T., Asenova E.. Abrasive wear of high velocity oxygen fuel (HVOF) superalloy coatings under vibration load. *Int. Conf. ROTRIB 2016, 174, IOP Conf. Ser.: Mater. Sci.*, 2017, DOI:10.1088/1757-899X/174/1/012010, 1-11

[Цитира се е:](#)

14. Abhijit Pattnayak, Abhijith N. V., Deepak Kumar, Jayant Jain, Vijay Chaudhry., Tribological and corrosive degradation of differently surface engineered 17-4 PH steel January 2024, *Tribology International* DOI: 10.1016/j.triboint.2024.109294, @2024 [Линк](#) **1.000**

12. **Pavlova K., Stoilov T., Stoilova K.** „Bi-level model for public rail transportation under incomplete data. *Journal "Cybernetics and Information Technologies*, 17, 3, 2017, ISSN:ISSN Print: 1311-9702 , ISSN Online: 1314-408, DOI:10.1515/cait-2017-0031, 75-91. SJR (Scopus):0.204

[Цитира се е:](#)

15. Qiu J., Fu S., Ou J., Tang K., Qu X., Liang S., Wang X., Ran B. (2024). Estimating link flow through link speed with sparse flow data sampling. *Computer-Aided Civil and Infrastructure Engineering*. DOI: 10.1111/mice.13323, @2024 [Линк](#) **1.000**

13. **Ivanov V., T.Stoilov.** Design and Implementation of Moving Average Calculations with Hardware FPGA Device. *Advanced Computing in Industrial Mathematics 12th Annual Meeting of the Bulgarian Section of SIAM*, 2017, ISSN:1860949X, DOI:10.1007/978-3-319-97277-0_15, 189-197. SJR (Scopus):0.18

[Цитира се е:](#)

16. Alonso, Gustavo, Zhang Ce, Josipovic, Lana Preußner, Thomas B. "FPGA-Based Systems for Stream Data Analytics and I/O Data Transformations" <https://doi.org/10.3929/ethz-b-000655231>, @2023 [Линк](#) **1.000**

14. Kandeва M., **Karastoyanov D.**, Nikolcheva G., Stojanović B., Svoboda P., Venci A.. Tribological studies on copper-based friction linings. *Tribology in Industry*, 2, 39, 2017, ISSN:0354-8996, DOI:10.24874/ti.2017.39.02.10, 228-237. SJR (Scopus):0.429

[Цитира се е:](#)

17. Zhanqi Tang, Hongxiang Mu, Yanni He, Tianxia Liu Tribological behavior of carbon steel 45 and brass H90 in dry sliding on bearing steel GCr15 in the sand-dust environment September 2024 *Industrial Lubrication and Tribology* DOI: 10.1108/ILT-05-2024-0155, @2024 [Линк](#) **1.000**

15. **Ilchev S., Ilcheva ZI.** Internet-of-Things Communication Protocol for Low-Cost Devices in Heterogeneous Wireless Networks. *Proceedings of the 18th International Conference on Computer Systems and Technologies (CompSysTech 17)*, ACM Inc., 2017, ISBN:978-1-4503-5234-5, DOI:10.1145/3134302.3134329, 272-279. SJR (Scopus):0.159

[Цитира се е:](#)

18. Chen, Chen & Hawkrigde, Gregory & Rivera Torres, Pedro & Ling, Zhenyang & Santos, Catia & Mcfarlane, Duncan, "Intelligent low-cost monitoring for smart digital manufacturing, " *Low-Cost Digital Solutions for Industrial Automation (LoDISA 2023)*, Cambridge, UK, 2023, pp. 76-81, doi: 10.1049/icp.2023.1737., @2023 [Линк](#) **1.000**

16. **Stoilova K., Stoilov T., Ivanov V.** Bi-Level Optimization as a Tool for Implementation of Intelligent Transportation Systems. "Cybernetics and Information Technologies", 2, 17, 2017, ISSN:1311-9702, DOI:10.1515/cait-2017-0019, 97-105. SJR (Scopus):0.204

[Цитира се е:](#)

19. Kotsi A., Politis I., Mitsakis E. Strategic Traffic Management in Mixed Traffic Road Networks: A Methodological Approach Integrating Game Theory, Bilevel Optimization, and C-ITS. *J. Future transportation*, vol. 4(4), 2024, 1602-1624. <https://doi.org/10.3390/futuretransp4040077>., @2024 [Линк](#) **1.000**

17. Filchev L., Pashova L., **Kolev V.**, Frye S.. Challenges and Solutions for Utilizing Earth Observations in the "Big Data" era. 2018, DOI:10.5281/zenodo.2475063

Цитира се в:

20. Paligorov I., Kovacheva S., Ivanov I., Dragozova E., Sotirov M., Lindahl K., Pecurul M., Verkerk H., and Kraxner F., Results on Implementation of SDG15 of the global sustainable development goals, Management and Sustainable Development, vol. 99, no.2, 2023., @2024 [Линк](#) **1.000**
21. Paligorov I., Kovacheva S., Ivanov I., Dragozova E., Sotirov M., Lindahl K., Pecurul M., Verkerk H., Kraxner F., RESULTS ON IMPLEMENTATION OF SDG15 OF THE GLOBAL SUSTAINABLE DEVELOPMENT GOALS, The Journal of Management and Sustainable Development, vol.99, no.2, 2023, @2024 [Линк](#) **1.000**
18. **Karastoyanov D., Karastanev S.** Reuse of Industrial Robots. IFAC-PapersOnLine, volume 51, Issue 30, 2018, Elsevier B. V., 2018, ISSN:2405-8963, DOI:10.1016/j.ifacol.2018.11.243, 44-47. SJR (Scopus):0.26

Цитира се в:

22. Peng Zhou, Jing Zhang, Kun Jiang Technological disruption and patent activities: adoption of robots by Chinese manufacturing firms June 2024, R& D Management DOI: 10.1111/radm.12701 LicenseCC BY 4.0, @2024 [Линк](#) **1.000**
23. Zugui Peng, Shoji Iwabuchi, Kayano Izumi and other, Lipid vesicle-based molecular robots, Lab on a Chip, Open Access, Volume 24, Issue 5, Pages 996 - 1029, 19 January 2024, DOI 10.1039/d3lc00860f, @2024 [Линк](#) **1.000**
19. **Gyoshev S., Karastoyanov D.** Making a tactile painting of the painting "Capturing Vasil Levski at the Kakrinsko Hanche" for blind users. 8th International Conference on Mechanical Technologies and Structural Materials (MTSM 2018), Split, Croatia, September 27-28, 2018, 70, Croatian Society for Mechanical Technologies, Croatia, 2018, ISSN:1847-7917, 177-180

Цитира се в:

24. Mira Tzvetkova-Arsova, Margarita Tomova, Nikolay Stoimenov, Gabriela Kotseva, Nayden Chivarov, Danka Shtereva Nikolova, Slavina Lozanova. "Accessibility of Braille Texts for the Visually Impaired Produced with Different 3D Printing Technologies", IFAC PapersOnLine, Volume 58, Issue 3, 2024, Pages 50-54, ISSN 2405-8963, @2024 [Линк](#) **1.000**
20. **Ilchev, S., Andreev, R., Ilcheva, Zl.** HybridNET Management and Sensor Data Acquisition System. 7th International Conference on the Internet of Things (IoT 2017), 22-25 October, 2017, Linz,Austria, ACM, 2018, ISBN:978-1-4503-5318-2/17/10, DOI:10.1145/3131542.3140268, SJR (Scopus):0.159

Цитира се в:

25. Boneva, Y., Application of bi-level approach to traffic optimization, 12th International Scientific Conference "TechSys 2023" – Engineering, Technologies and Systems, Technical University of Sofia, Plovdiv Branch, 18-20 May 2023, AIP Conference Proceedings, e-ISSN:1551-7616, Vol. 3078, Issue 1, 020006, AIP Publishing LLC, April 24 2024, pp. 020006-1-020006-7, SJR (SCOPUS) 2023: 0, 15, DOI: https://doi.org/10.1063/5.0208337., @2024 [Линк](#) **1.000**
21. **Kolev V., Cooklev T., Keinert F.** Matrix spectral factorization for SA4 multiwavelet. Multidimensional Systems and Signal Processing, vol.29, Issue 4, Springer, 2018, ISSN:0923-6082, DOI:10.1007/s11045-017-0520-x, pp. 1613-1641. SJR (Scopus):0.494, JCR-IF (Web of Science):2.338

Цитира се в:

26. Ephremidze L., Mishuris G. & Spitkovsky I.M., On the Exact Spectral Factorization of Rational Matrix Functions with Applications to Paraunitary Filter Banks. Journal of Fourier Analysis and Applications, vol. 30, no. 43, 2024., @2024 [Линк](#) **1.000**
22. **Chivarov N., Chikurtev D., Emanuil M., Chivarov S., Kopacek P.** Cost Oriented Tele-Controlled Service Robot for Increasing the Quality of Life of Elderly and Disabled - ROBCO 18. IFAC-PapersOnLine, 51, 30, Elsevier Ltd., 2018, ISSN:2405-8963, DOI:https://doi.org/10.1016/j.ifacol.2018.11.285, 192-197. SJR (Scopus):0.26

Цитира се в:

27. Volochtchuk, A. V. L., Leite, H., & Vieira, A. D. (2024). Voice assistant technology applied to populations with developmental and physical disabilities. Behaviour & Information Technology, 43(11), 2300-2322., @2024 [Линк](#) **1.000**
23. **Gyoshev S., Karastoyanov D., Stoimenov N., Cantoni V., Lombardi L., Setti A.** Exploiting a Graphical Braille Display for Art Masterpieces. Computers Helping People with Special Needs, 2, 10897, Springer, 2018, ISBN:978-3-319-94273-5, ISSN:0302-9743, DOI:10.1007/978-3-319-94274-2_23, 237-245. SJR (Scopus):0.295

Цитира се в:

28. Sylaiou, Stella, and Christos Fidas. "Supporting people with visual impairments in cultural heritage: Survey and future research directions." International Journal of Human-Computer Interaction 40.9 (2024): 2195-2210., @2024 [Линк](#) **1.000**

29. Vargas, N., Trevisan, D., Revisiting visual accessibility with non-textual content: challenges and solutions for human-computer interaction, IHC '24: Proceedings of the XXIII Brazilian Symposium on Human Factors in Computing Systems Article No.: 67, Pages 1 - 18 <https://doi.org/10.1145/3702038.3702105>, @2024 [Линк](#) 1.000
24. Cantoni V., Lombardi L., Setti A., **Gyoshev S., Karastoyanov D., Stoimenov N.** Art Masterpieces Accessibility for Blind and Visually Impaired People. Computers Helping People with Special Needs, 2, 10897, Springer, 2018, ISBN:978-3-319-94273-5, ISSN:0302-9743, DOI:10.1007/978-3-319-94274-2_37, 267-274. SJR (Scopus):0.295
- Цитира се в:
30. Chidiac, S. E., Reda, M., & Marjaba, G. E. (2024). A Framework for Accessible Heritage Buildings & Structures Retrofits/Un cadre pour l'accessibilité des édifices et des structures du patrimoine., @2024 [Линк](#) 1.000
31. Khang Dang, Grace Burke, Hamdi Korreshi, and Sooyeon Lee. 2024. Towards Accessible Musical Performances in Virtual Reality: Designing a Conceptual Framework for Omnidirectional Audio Descriptions. In Proceedings of the 26th International ACM SIGACCESS Conference on Computers and Accessibility (ASSETS '24). Association for Computing Machinery, New York, NY, USA, Article 6, 1–17., 2024 <https://doi.org/10.1145/3663548.3675618>, @2024 [Линк](#) 1.000
32. Pakenaite K., Kamperou E., Proulx M., Sharma A., Hall P., Pic2Tac: Creating Accessible Tactile Images using Semantic Information from Photographs, Conference: TEI '24: Eighteenth International Conference on Tangible, Embedded, and Embodied Interaction DOI: 10.1145/3623509.3633377, February 2024, , @2024 [Линк](#) 1.000
33. Sylaiou, S., & Fidas, C. (2024). Supporting people with visual impairments in cultural heritage: Survey and future research directions. International Journal of Human-Computer Interaction, 40(9), 2195-2210., @2024 [Линк](#) 1.000
25. Yovchev K., **Chikurtev D., Chivarov N.**, Shivarov N.. Precise positioning of a robotic arm manipulator using stereo computer vision and iterative learning control. Mechanisms and Machine Science, 49, Springer Netherlands, 2018, ISBN:978-331961275-1, ISSN:2211-0984, DOI:10.1007/978-3-319-61276-8_32, 289-296. SJR (Scopus):0.2
- Цитира се в:
34. Serat, A. (2024). Innovative Solutions for IK: PROA and Clonal Selection Algorithms Unveiled. WSEAS TRANSACTIONS on INFORMATION SCIENCE and APPLICATIONS, Volume 21, 2024, DOI: 10.37394/23209.2024.21.47., @2024 [Линк](#) 1.000
26. **Chivarov N., Chikurtev D.**, Pleva M., Ondas S.. Exploring Human-Robot Interfaces for Service Mobile Robots. 2018 World Symposium on Digital Intelligence for Systems and Machines (DISA), IEEE, 2018, ISBN:978-1-5386-5102-5, DOI:10.1109/DISA.2018.8490531, 337-342
- Цитира се в:
35. Milde, S., Friesen, S., Runzheimer, T., Beilstein, C., Blum, R., & Milde, J. T. (2024, June). Gesture-Based Machine Learning for Enhanced Autonomous Driving: A Novel Dataset and System Integration Approach. In International Conference on Human-Computer Interaction (pp. 247-256). Cham: Springer Nature Switzerland., @2024 [Линк](#) 1.000
27. **Ilchev, S., Ilcheva, ZI.** High-speed Semiconductor Laser Diode Driver with Analog Signal Modulation. International Conference "Big Data, Knowledge and Control Systems Engineering" (BdKCSE'2018), 21-21 November, Sofia Bulgaria, САИ, България, 2018, ISSN:2367-6450, 81-90
- Цитира се в:
36. Covaci, MA., Gălătuș, R.V. & Szolga, L.A. Stability improvement of high-power semiconductor laser diode regulators used in infrared solid-state laser applications, In: Optical and Quantum Electronics, vol. 56, article 776, Springer, 2024, DOI: 10.1007/s11082-024-06457-w, @2024 [Линк](#) 1.000

2019	
-------------	--

28. **Karastoyanov D., Stoimenov N., Gyoshev S.** Methods and Means for Education of People with Visual Impairments. 52, 25, IFAC-PapersOnLine, Publisher: IFAC Secretariat, 2019, ISSN:2405-8963, DOI:10.1016/j.ifacol.2019.12.601, 539-542. SJR (Scopus):0.298
- Цитира се в:
37. Safaruddin, S., Nandiyanto, A. B. D. N., Hufad, A., & Muspita, R. (2024). Family Support on Teaching Heat Radiation Transfer to Children with Visual Impairment. Journal of Advanced Research in Applied Sciences and Engineering Technology, pp. 135-144, 2024., @2024 [Линк](#) 1.000
29. **Chivarov, N, Chikurtev, D,** Chivarov, S, Pleva, M, Ondas, S, Juhar, J, Yovchev, K. A Case Study on Human-Robot Interaction of the Remote-Controlled Service Robot for Elderly and Disabled Care. Computing and Informatics, 38, 5, 2019, ISSN:2585-8807, DOI:10.31577/cai_2019_5_1210, 1210-1236. SJR (Scopus):0.19, JCR-IF (Web of Science):0.524
- Цитира се в:
38. Al-Askari, M. A., Al Mashhadany, Y., Algburi, S., Jassim, A. A., Ali, A. M., & Naowaf, O. A. (2023, December). Design and Implement Services Robot Based on Intelligent Controller with IoT Techniques. In 2023 16th International Conference on Developments in eSystems Engineering (DeSE) (pp. 13-18). IEEE., @2023 [Линк](#) 1.000

39. Gulzar, H., Busto, M. R., Eda, T., Itoyama, K., & Nakadai, K. (2023). miniStreamer: Enhancing small conformer with chunked-context masking for streaming ASR applications on the edge. In *Interspeech* (pp. 3277-3281)., @2023 [Линк](#) 1.000
40. Tsybal, O., & Posashkov, O. (2023, September). Decision-Making for Remote Control of Emergency Mobile Robot. In *2023 IEEE 5th International Conference on Modern Electrical and Energy System (MEES)* (pp. 1-5). IEEE., @2023 [Линк](#) 1.000
41. Gittens, C. L. (2024). Remote HRI: A methodology for maintaining COVID-19 physical distancing and human interaction requirements in HRI studies. *Information Systems Frontiers*, 26(1), 91-106., @2024 [Линк](#) 1.000
42. Kebede, G. A., Gelaw, A. A., Andualem, H., & Hailu, A. T. (2024). Review of the characteristics of mobile robots for health care application. *International Journal of Intelligent Robotics and Applications*, 1-23., @2024 [Линк](#) 1.000
43. Lu, H., Yang, Z., Zhu, D., Deng, F., & Guo, S. (2024). Dynamics Modeling and Parameter Identification for a Coupled-Drive Dual-Arm Nursing Robot. *Chinese Journal of Mechanical Engineering*, 37(1), 74., @2024 [Линк](#) 1.000
30. **Chikurtev, D**, Rangelov, I, Yovchev, K, **Chivarov, N**. Communication system for remote control of service robots. *IFAC-PapersOnLine*, 52, 25, Elsevier, 2019, ISSN:24058963, DOI:https://doi.org/10.1016/j.ifacol.2019.12.470, 192-197. SJR (Scopus):0.3

Цитира се в:

44. Fahidhil, E., Abdhussain, Z. N., Hussam, R., Ghali, F., Mahdi, H. H. J., & Sadiq, S. N. (2023, November). Application of Deep neural network for an Effective user experience in an interactive platform. In *2023 Annual International Conference on Emerging Research Areas: International Conference on Intelligent Systems (AICERA/ICIS)* (pp. 1-6). IEEE., @2023 [Линк](#) 1.000
45. Gosselin, F., Roux, P., Kellil, M., Piednoel, A., Chambellan, A., & Chambaud, P. (2024, August). On the Applicability of Wireless Technologies for Industrial Robotic Control Systems: A Case Study. In *2024 IEEE 19th Conference on Industrial Electronics and Applications (ICIEA)* (pp. 1-8). IEEE., @2024 [Линк](#) 1.000
31. Kambushev, M, Biliderov, S, Yovchev, K, **Chikurtev, D**, Kambushev, K, **Chivarov, N**. Influence of atmospheric turbulence on the control of flying robotics systems. *2019 IEEE XXVIII International Scientific Conference Electronics (ET)*, IEEE, 2019, ISBN:978-1-7281-2574-9, DOI:10.1109/ET.2019.8878670, 1-4

Цитира се в:

46. Atanasov, M. (2024). Possibilities for improving algorithms for combat use of aircraft using unguided weapons. *The Eurasia Proceedings of Science Technology Engineering and Mathematics*, 28, 428-437., @2024 [Линк](#) 1.000
47. Georgieva, T., Penchev, S., Manchev, G., Ivanov, L., Ginchev, G., Ivanova-Kovacheva, G., ... & Daskalov, P. (2024, June). Approach for Indirect Measurement of Chlorophyll and Phenophases of Maize Plant Using Image Processing. In *2024 9th International Conference on Energy Efficiency and Agricultural Engineering (EE&AE)* (pp. 1-5). IEEE., @2024 [Линк](#) 1.000
48. Liu, Y., Broglia, R., Young, A. M., McCarthy, E. D., & Viola, I. M. (2024). Unsteady load mitigation through passive pitch. *Journal of Fluids and Structures*, 131, 104216., @2024 [Линк](#) 1.000
49. Ötomo, S., Gambuzza, S., Liu, Y., Young, A. M., Broglia, R., McCarthy, E. D., & Viola, I. M. (2024). A general framework for the design of efficient passive pitch systems. *Physics of Fluids*, 36(6)., @2024 [Линк](#) 1.000
32. **Ilchev, S.**, Petkov, D., **Andreev, R.**, **Ilcheva, Z.**. Smart Compact Laser System for Animation Projections. *Cybernetics and Information Technologies*, 19, 3, Bulgarian Academy of Sciences, 2019, ISSN:1311-9702, DOI:10.2478/cait-2019-0030, 137-153. SJR (Scopus):0.215

Цитира се в:

50. Bontchev, B., Terzieva, V., Antonova, A., Dankov, Y., Vassileva, D. "Educational Video Games on Climate Resilience of Built Cultural Heritage", in *Heritage Education for Climate Action, Vol. 2 - Research in Architectural Education Set*, Eds. I. Curulli, D. Kaya, A. Khaefi, ISTE – Wiley, 2023, Online ISBN: 978-1-394-25543-6, ISBN: 978-1-78630-903-7, 11, pp. 53-63., @2024 [Линк](#) 1.000
51. Ivanova, M., Ivanova, T., Terzieva, V., "Automating Assessment within Intelligent Education, " *2024 IEEE 12th International Conference on Intelligent Systems (IS)*, Varna, Bulgaria, 29-31 August 2024, IEEE, pp. 1-6, Electronic ISBN:979-8-3503-5098-2, Print on Demand(PoD) ISBN:979-8-3503-5099-9, Electronic ISSN: 2767-9802, Print on Demand(PoD) ISSN: 2832-4145, DOI: 10.1109/IS61756.2024.10705174., @2024 [Линк](#) 1.000
33. **Ilchev, S.**, **Andreev, R.**, **Ilcheva, Z.**. Ultra-Compact Laser Diode Driver for the Control of Positioning Laser Units in Industrial Machinery. *19th IFAC Conference on Technology, Culture and International Stability (TECIS 2019)*, 52, 25, IFAC-PapersOnLine, Elsevier, 2019, ISSN:2405-8963, DOI:10.1016/j.ifacol.2019.12.577, 435-440. SJR (Scopus):0.298

Цитира се в:

52. Nagy, A., Rigó, Z., "Development of Digital Diode Driver For Modern Pentathlon Laser Pistols", in *2023 IEEE 21st Jubilee International Symposium on Intelligent Systems and Informatics (SISY)*, Pula, Croatia, 2023, pp. 000619-000624, DOI: 10.1109/SISY60376.2023.10417890., @2023 [Линк](#) 1.000
53. Manabe, Y., Yamamoto, T., Ueda, T., Hirogaki, T., Aoyama, E., "Study on Temporary Unloading for Chatter Vibration Suppression Using Fixed Superabrasive Polishing Stone with Five-Joint Closed-Link Small Robot and Voice Coil Motor Thrust Control", in *International Journal of Automation Technology*, vol. 18, no. 2, 206-215, DOI: 10.20965/ijat.2024.p0206., @2024 [Линк](#) 1.000
34. **Stoilov T.** How to Integrate Complex Optimal Data Processing in Information Services in Internet. *COMPSYSTech, Ruse, 2019, ACM International Conference Proceeding Series*, 2019, ISBN:978-1-4503-7149-0, DOI:10.1145/3345252.3345254, 19-30. SJR (Scopus):0.169

Цитира се е:

54. Stepanyuk O., Senyk Y, Vinchura O., Senyk A., Lishchynska K. (2024). Simulation of decision-making processes regarding the formation of an investment portfolio using IT. Scientific Messenger of LNU of Veterinary Medicine and Biotechnologies. 26(103). P. 17-22. DOI: 10.32718/nvlvet-e10303, ISSN 2519-2701, @2024 [Линк](#) 1.000

2020

35. Chikurtev, D, Bogdanov, S, Spasova, N, Ivanov, V. Prerequisites for a Self-sustaining Embedded System with Artificial Intelligence. 29-th International Scientific Conference "Electronics" - ET2020, IEEE, 2020, ISBN:978-1-7281-7427-3, DOI:10.1109/ET50336.2020.9238328

Цитира се е:

55. Sharma, D. M., Venkatramulu, S., Raja, M. A. M., Vikram, G., Alagappan, C., & Boopathi, S. (2024). Development of Self-Sustaining System by Integration of AI and IoT. In The Convergence of Self-Sustaining Systems With AI and IoT (pp. 130-153). IGI Global., @2024 [Линк](#) 1.000

36. Chikurtev, D. Mobile Robot Simulation and Navigation in ROS and Gazebo. 2020 International Conference Automatics and Informatics, IEEE, 2020, ISBN:978-1-7281-9309-0, DOI:10.1109/ICA150593.2020.9311330 (x)

Цитира се е:

56. Jiono, M., & Lin, H. I. (2023, November). Software Framework of Autonomous Mobile Robots on Isaac Sim and ROS. In 2023 11th International Conference on Control, Mechatronics and Automation (ICCMA) (pp. 158-163). IEEE., @2023 [Линк](#) 1.000

57. Kassem, K., Pavlova, G., Schlund, S., & Michahelles, F. (2023, November). Build-A-Bot: Developing A Software Platform For A Modular Mobile Robot. In Proceedings of the 13th International Conference on the Internet of Things (pp. 74-81)., @2023 [Линк](#) 1.000

58. Khan, O. A., Kunwar, F., Khan, U. S., & Jabbar, H. (2023). Z-Number-Based Fuzzy Logic Approach for Mobile Robot Navigation. IEEE Access, 11, 131979-131997., @2023 [Линк](#) 1.000

59. Adiuku, N., Avdelidis, N. P., Tang, G., & Plastropoulos, A. (2024). Advancements in Learning-Based Navigation Systems for Robotic Applications in MRO Hangar. Sensors, 24(5), 1377., @2024 [Линк](#) 1.000

60. Adiuku, N., Avdelidis, N. P., Tang, G., & Plastropoulos, A. (2024). Improved Hybrid Model for Obstacle Detection and Avoidance in Robot Operating System Framework (Rapidly Exploring Random Tree and Dynamic Windows Approach). Sensors, 24(7), 2262., @2024 [Линк](#) 1.000

61. Adiuku, N., Avdelidis, N. P., Tang, G., Plastropoulos, A., & Diallo, Y. (2024). Mobile robot obstacle detection and avoidance with NAV-YOLO., @2024 [Линк](#) 1.000

62. Aram, K., Erdemir, G., & Can, B. (2024). Formation Control of Multiple Autonomous Mobile Robots Using Turkish Natural Language Processing. Applied Sciences, 14(9), 3722., @2024 [Линк](#) 1.000

63. Bui, H. A., Nguyen, A. T., & Nguyen, T. T. (2024, April). Develop A Navigation Approach for Mobile Robots Based on the Distributional Deep Reinforcement Learning Framework. In 2024 IEEE 11th International Conference on Computational Cybernetics and Cyber-Medical Systems (ICCC) (pp. 1-6). IEEE., @2024 [Линк](#) 1.000

64. Hastuti, F. T., Hanafi, D., & Huq, S. (2024, August). Performance Investigation of Mobile Robot Collision Avoidance Based on Stateflow: Simulation Approach. In 2024 IEEE 15th Control and System Graduate Research Colloquium (ICSGRC) (pp. 154-159). IEEE., @2024 [Линк](#) 1.000

65. Pulloquina, C., & Ortiz, J. S. (2024, November). Nonlinear Model Predictive Control for Omnidirectional Robots: Focus on Virtual Learning Environments. In Proceedings of the Future Technologies Conference (pp. 390-404). Cham: Springer Nature Switzerland., @2024 [Линк](#) 1.000

66. Rao, P., & Ramachandran, R. (2024, July). Intelligent Navigation Tactics for Differential Drive Robots: Expanding Boundaries. In 2024 IEEE International Conference on Electronics, Computing and Communication Technologies (CONECCT) (pp. 1-6). IEEE., @2024 [Линк](#) 1.000

67. Wang, Z., Li, P., Li, Q., Wang, Z., & Li, Z. (2023). Motion Planning Method for Car-Like Autonomous Mobile Robots in Dynamic Obstacle Environments. IEEE Access, 11, 137387-137400., @2024 [Линк](#) 1.000

37. Ilchev, S., Andreev, R., Ilcheva Z. Display of Computer-Generated Vector Data by a Laser Projector. Proceeding of the 21th International Conference on Computer Systems and Technologies (CompSysTech '20), ACM, 2020, ISBN:ISBN: 978-1-4503-7768-3, DOI:10.1145/3407982.3407990, 11-18. SJR (Scopus):0.2

Цитира се е:

68. Isaev, R., Esenalieva, G., Ermakov, A., Khamidov, Z. Design and implementation of wall-scale vector art drawing robot. In Proceedings of the International Conference on Computer Systems and Technologies 2024 (CompSysTech '24), Ruse, Bulgaria, June 14 - 15, 2024, ISBN: 979-8-4007-1684-3, Published by Association for Computing Machinery, New York, NY, USA, pp. 125-131., @2024 [Линк](#) 1.000

38. Stoilov T., Stoilova K., Vladimirov M.. Analytical Overview and Applications of Modified Black-Litterman Model for Portfolio Optimization. Cybernetics and Information Technologies, 20, 2, "M. Drinov" Publisher of BAS, 2020, ISSN:1311-9702, DOI:10.2478/cait-2020-0014, 30-49. SJR (Scopus):0.31

Цитира се е:

69. Iliev L., Karastoyanov D. Informational Support for Investment Analysis. WSEAS TRANSACTIONS ON BUSINESS AND ECONOMICS. 1.000 V.21, 2024, p.2042-2048, DOI: 21. 2042-2048. 10.37394/23207.2024.21.166. E-ISSN: 2224-2899, SJR 0.18, Q4, @2024 [Линк](#)

70. PINEDA C. A. J. Portfolio Optimization of Financial Assets Using Markowitz and Black-Litterman: A Perspective from Quantum Computing. **1.000** UNIVERSIDAD EAFIT ESCUELA DE CIENCIAS MAESTRÍA EN CIENCIAS DE LOS DATOS Y LA ANALÍTICA , MEDELLÍN , 2024, @2024 [Линк](#)
39. **Stoilova K., Stoilov T.** Transportation Modelling and Solving Travelling Salesman Problem. IOP Conference Series: Materials Science and Engineering, 878, IOP Publishing Ltd, 2020, ISSN:ISSN:1757-8981E-ISSN:1757-899X, 1-7. SJR (Scopus):0.2
Цитира се в:
71. Angmalisang, H.Y., Anam, S. Leaders and followers algorithm for traveling salesman problem. Berekeng: Journal of Mathematics and Its Applications , March 2024, Volume 18 Issue 1 , Page 0449–0456 , P-ISSN: 1978-7227 , E-ISSN: 2615-3017, @2024 [Линк](#) **1.000**
72. Hasbiyati I., Siregar E.F.S., Ahriyati A., Saputra M.P.A., Sukono S., Salih Y. (2024). Hungarian Method and Branch and Bound Method for Solving Travelling Salesman Problem in Interval Number in Rice Distribution. Journal of Advanced Research in Applied Sciences and Engineering Technology, 48(2), 78–91. Q2, SJR 0.27, @2024 [Линк](#) **1.000**
40. **Stoilova K., Stoilov T.** Optimization of Urban Traffic in City Network. ACM International Conference Proceeding Series, CompSysTech2020, ACM, 2020, ISBN:978-1-4503-7149-0, SJR (Scopus):0.2
Цитира се в:
73. Tamam, B., Dyana, A, M. (2023). Determining the Shortest Path for Souvenir Delivery to Tourist Attractions in Pamekasan Using Excel Solver. Journal of ComputerScience Advancements, 1(6). pp. 252-258, <https://doi.org/10.70177/jzca.v1i6.1139>, @2023 [Линк](#) **1.000**
41. Filchev L., Pashova L., **Kolev V.**, Frye S.. Chapter 6: Surveys, Catalogues, Databases/Archives and State-of-The-Art Methods for Geospatial data processing. P. Skoda, F. Adam, G. Schwarz(Eds), Knowledge Discovery in Big Data from Astronomy and Earth Observation., Elsevier, 2020, ISBN:9780128191545, DOI:10.1016/B978-0-12-819154-5.00016-3, pp. 103-136
Цитира се в:
74. Akinlabi A., Ige V., Akinola O., Geographic Information Systems (GIS) and Real Estate Practice: Estate Surveying and Valuation Firms' Perspective, coou African Journal of Environmental Research, vol.5, no.1, pp.96–108, 2024., @2024 [Линк](#) **1.000**
75. Alsaidi M., Nadim O., Nailah Al-M., Hazem H., and Ibrahim A., A Convolutional Deep Neural Network Approach to Predict Autism Spectrum Disorder Based on Eye-Tracking Scan Paths, MDPI, Information, vol.15, no.3, 133. 2024, @2024 [Линк](#) **1.000**
76. Chen P., Cao S., Lu G., Zhang D., Chen X. and Chen Z., Spherical Magnetic Vector Forwarding of Isoparametric DGGs Cells with Natural Superconvergent Points, Remote Sensing, vol. 16, no. 18, 3448, 2024., @2024 [Линк](#) **1.000**
42. **Stoilova K., Stoilov T.** Bi-level optimization application for urban traffic management. Annals of Computer science and Information Systems, Proceeding of the 2020 Federated Conference on Computer Science and Information Systems, Sept. 6-9, 2020, Sofia, Bulgaria, 21, Polish Information Processing Society, 2020, ISSN:2300-5963, DOI:10.15439/2020F18, 327-336
Цитира се в:
77. Bendali F., Kamga E.M., Mailfert J., Gonzales A.O., Quilliot A., Toussaint H. (2024). Surrogate Estimators for Complex Bi-level Energy Management. In: Fidanova, S. (eds) Recent Advances in Computational Optimization. WCO 2022. Studies in Computational Intelligence, vol 1158. Springer, Cham, @2024 [Линк](#) **1.000**
78. Kotsi A., Politis I., Mitsakis E. Strategic Traffic Management in Mixed Traffic Road Networks: A Methodological Approach Integrating Game Theory, Bilevel Optimization, and C-ITS. J. Future transportation, vol. 4(4), 2024, 1602-1624. <https://doi.org/10.3390/futuretransp4040077>., @2024 [Линк](#) **1.000**
43. **Alexandrov A., Andreev, R., Ichev, S., Boneva, A, Ivanov, S.,** Doshev, J.. WSN-based prediction model of microclimate in a city urbanized areas based on Extreme Learning and Kalman filter. Dimov, I., Fidanova, S. (Eds) Advances in High Performance Computing, Studies in Computational Intelligence, 902, Springer Verlag, 2020, ISBN:978-3-030-55346-3, ISSN:1860-949x, E-ISSN:1860-9503, DOI:https://doi.org/10.1007/978-3-030-55347-0_2, 15-26. SJR (Scopus):0.22
Цитира се в:
79. Ponni, R., Sharmila, R., Jayasankar, T., Perumal, C., "Enhancing Environmental Sustainability: Extreme Learning Machine Approach to Industrial Waste Management", in Journal of Environmental Nanotechnology, Vol. 13, No 2, pp. 220-228, 2024, ISSN (Print): 2279-0748, ISSN (Online): 2319-5541, DOI: <https://doi.org/10.13074/jent.2024.06.2425952024>, @2024 [Линк](#) **1.000**
44. **Stoilova K., Stoilov T.** Integrated management of transportation by bi-level optimization. Proceeding of International Conference Automatics and Informatics- ICAI, 1-3 October 2020, IEEE, 2020, ISBN:978-1-7281-9308-3, DOI:doi: 10.1109/ICA150593.2020.9311360., 1-6
Цитира се в:
80. Kotsi A., Politis I., Mitsakis E. Strategic Traffic Management in Mixed Traffic Road Networks: A Methodological Approach Integrating Game Theory, Bilevel Optimization, and C-ITS. J. Future transportation, vol. 4(4), 2024, 1602-1624, <https://doi.org/10.3390/futuretransp4040077>., @2024 [Линк](#) **1.000**
45. **Chikurteva A., Chikurtev D.** Model of Project-Based Learning Platform. 55th International Scientific Conference on Information, Communication and Energy Systems and Technologies, IEEE, 2020, ISBN:978-1-7281-7144-9, DOI:10.1109/ICEST49890.2020.9232753

Цитира се е:

81. Gu, X., & Zhang, W. (2024, April). Research Status and Trends of Project-Based Learning in China and Abroad. In Proceedings of the 3rd International Conference on Internet Technology and Educational Informatization, ITEI 2023, November 24–26, 2023, Zhengzhou, China., @2024 [Линк](#) 1.000
82. Nagar, Dr & Chauhan, Adarsh & Dwivedi, Mudit. (2024). Replacing Face-to-Face Classes with Collegium: Ed-tech platform (Online Platform). International Journal for Research in Applied Science and Engineering Technology. 12. 251-259. 10.22214/ijraset.2024.61449., @2024 [Линк](#) 1.000

46. Stoilov T., Stoilova K., Vladimirov M.. Quantitative Entrepreneurship Applying Portfolio Theory. IEEE, International Scientific Conference Electronics, Sozopol, Bulgaria, 16-18 Sept 2020, IEEE Xplore, 2020, ISSN:15582256, 00189219, DOI:10.1109/ET50336.2020.9238314, 1-4

Цитира се е:

83. Miley, T. Strategies Small Business Owners Use to Extend Organization Life Beyond 5 Years. Doctoral Study Submitted in Partial Fulfillment of the Requirements for the Degree of Doctor of Business Administration, Walden University, June 2024., @2024 [Линк](#) 1.000
47. Stoilov T., Stoilova K., Vladimirov M.. Decision Making by Bi-level Model of Portfolio Optimization. Proceeding of IEEE Int. conference "Automatics and Informatics", Varna, ICAI 2020, IEEE, 2020, ISBN:978-1-7281-9308-3, DOI:10.1109/ICAI50593.2020.9311301, 1-6

Цитира се е:

84. Hareni M, S. Krishna, S. Ayyappan and S. Jayan, "Dynamic Portfolio Optimization Using Proximal Gradient Method, " 2024 15th International Conference on Computing Communication and Networking Technologies (ICCCNT), Kamand, India, 2024, pp. 1-6, doi: 10.1109/ICCCNT61001.2024.10724361, @2024 [Линк](#) 1.000
48. Yosifova V., Chikurtev D., Petrov R.. Research and analysis of modern space heating technologies and management for industrial buildings. IOP Conference Series: Materials Science and Engineering, 878, IOP Publishing Ltd., 2020, ISSN:1757-8981, DOI:https://doi.org/10.1088/1757-899X/878/1/012010, SJR (Scopus):0.2

Цитира се е:

85. D. Karastoyanov, ICT for Smart and Energy-Efficient Buildings, WSEAS Transactions on Environment and Development, 2024, DOI: 10.37394/232015.2024.20.58 (Scopus 1.7), @2024 [Линк](#) 1.000
86. Voznyak O., Dudkiewicz E., Laska M., Antypov I., Spodyniuk N., Sukholova I., Savchenko O, A New Approach to the Economic Evaluation of Thermomodernization: Annual Assessment Based on the Example of Production Space, (2024) Energies, 17 (9), art. no. 2105, Cited 0 times., @2024 [Линк](#) 1.000

2021	
-------------	--

49. Stoilov T., Stoilova K., Vladimirov M.. The probabilistic risk measure VaR as constraint in portfolio optimization problem. Cybernetics and Information Technologies, 21, 1, "M. Drinov" Publisher of BAS, 2021, ISSN:1311-9702, DOI:10.2478/cait-2020-0014, 19-31. SJR (Scopus):0.42

Цитира се е:

87. Vimelia W., Riaman R., Sukono S. Investment Portfolio Optimization in Renewable Energy Stocks in Indonesia Using Mean-Variance Risk Aversion Model. International Journal of Quantitative Research and Modeling. 2024, Vol.5. , N1, pp. 40-48. DOI: 10.46336/ijqrm.v5i1.601 , ISSN 2721-477X, p-ISSN 2722-5046, @2024 [Линк](#) 1.000
50. Stoilov T., Stoilova K., Vladimirov M.. Explicit Value at Risk Goal Function in Bi-Level Portfolio Problem for Financial Sustainability. J. Sustainability, 13, 4, MDPI, 2021, ISSN:2071-1050, DOI:10.3390/su13042315, 1-14. SJR (Scopus):0.664, JCR-IF (Web of Science):3.889

Цитира се е:

88. Aufa G., Mahadewi L. (2024). Portfolio Optimization for Green Sharia Stocks: Unlocking Indonesia Sustainable Islamic Finance Potential. Proceeding of International Conferences The 5th Asia-Pacific Management Research Conference (APMRC) 2024: Adapting Sustainability Strategies in Business and Management, pp. 342-351, @2024 [Линк](#) 1.000
51. Благоева Е., Панева М.. ИНТЕЛИГЕНТНИ РЕШЕНИЯ ЗА НАМАЛЯВАНЕ ПРОИЗВОДСТВЕНИ РАЗХОДИ ПРИ ХРАНЕНЕ НА ПРАСЕТА. Proceedings of International Conference "Robotics, Automation and Mechtronics'21", RAM 21, Prof. Marin Drinov Academic Publishing House, 2021, ISSN:1314-4634, 82-86

Цитира се е:

89. Haralampieva M., Petrov R., Dimitrov S., "Development of an automated system for weighing, counting, feeding, and water supplying of free-grazing meat-producing animals using phase-change materials for temperature regulation", Conference Proceedings of the International conference "Mechanical Technologies and Structural Materials", Split, 19-20.09.2024, pp. 137-145, 2024, @2024 [Линк](#) 1.000

52. Ivanova, M., Boneva, A., Ilchev, S.. Learning Performance Facilitation in a Sensor-Based Intelligent Classroom. Proceedings of the 7th IEEE International Conference "Big Data, Knowledge and Control Systems Engineering" (BdKCSE'2021), IEEE Xplore, 2021, ISBN:Electronic :978-1-6654-1042-7, Print on Demand(PoD) ISBN:978-1-6654-1043-4, DOI:10.1109/BdKCSE53180.2021.9627308, 1-8
- Цитира се в:
90. Terzieva, V., Paunova-Hubenova, E., Slavcheva, S., "Trends, Challenges, Opportunities, and Innovations in STEM Education", 22th IFAC Conference on Technology, Culture and International Stability (TECIS 2024), Waterford, Ireland, May 29 – 31, 2024, published in IFAC-PapersOnLine, Vol. 58, Issue 3, pp. 106-111, 2024, ISSN 2405-8963, DOI: <https://doi.org/10.1016/j.ifacol.2024.07.134>, SJR (SCOPUS) 2023: 0.37., @2024 [Линк](#) **1.000**
53. Панева М., Панев П., Карастоянов Д., Стоименов Н.. ОБЗОР, АНАЛИЗ И СИСТЕМАТИЗАЦИЯ НА РОБОТИЗИРАНИ СИСТЕМИ ЗА ПОЕНЕ НА ЖИВОТНИ. Proceedings of International Conference "Robotics, Automation and Mechronics'21", RAM 21, Prof. Marin Drinov Academic Publishing House, 2021, ISSN:1314-4634, 78-81
- Цитира се в:
91. Haralampieva M., Petrov R., Dimitrov S., "Development of an automated system for weighing, counting, feeding, and water supplying of free-grazing meat-producing animals using phase-change materials for temperature regulation", Conference Proceedings of the International conference "Mechanical Technologies and Structural Materials", Split, 19-20.09.2024, pp. 137-145, 2024, @2024 [Линк](#) **1.000**
54. Ilchev, S., Andreev, R., Ilcheva, Z.. Autonomous Microcontroller System for Sensor Data Gathering Relying on Solar-Power and Ultracapacitors. Wireless Personal Communications, 121, 3, Springer, 2021, ISSN:0929-6212, 1572-834X, DOI:10.1007/s11277-021-08828-y, 2393-2405. SJR (Scopus):0.48, JCR-IF (Web of Science):1.671
- Цитира се в:
92. C. Sharanya, K. B. V. Brahma Rao, C. Rohith Bhat, Mortha Sai Veerraju, V. Thirupathi, Syed Noeman Taqui, P. Ganeshan, Mohamed Ouladsmane & M. A. Kalam (2023) Solar Powered IoT Sensors to Increase the Network Longevity, Electric Power Components and Systems, DOI: 10.1080/15325008.2023.2276827, @2023 [Линк](#) **1.000**
93. Ivanova, V., Boneva, A., Vasilev, P., "Unified Modeling Language Application for Laparoscopic Instrument Design", in International Journal of Bioautomation, ISSN: 1314-2321 (on-line), ISSN: 1314-1902 (print), 2022, Publisher: Institute of Biophysics and Biomedical Engineering at the Bulgarian Academy of Sciences, Vol. 28, Issue 3, 2024, pp. 117-132, DOI: 10.7546/ijba.2024.28.3.000968, SJR (SCOPUS) 2023: 0, 14 (Q4), @2024 [Линк](#) **1.000**
55. Blagoeva E., Karkov B., Stoimenov N.. Review and Analysis of Robotized Feeding Systems. Proc. of International Conference Automatics and Informatics- ICAI2021, IEEE, 2021, ISBN:Electronic :978-1-7281-9308-3, Print on Demand(PoD) ISBN:978-1-7281-9309-0, DOI:10.1109/ICAI52893.2021.9639549, 341-344
- Цитира се в:
94. Panev, P., Chivarov, N., Chivarov, S., Paneva, M., "Design of a Loading and Unloading Palletizer Module for Transport Service Robot, " 2022 26th International Conference on Circuits, Systems, Communications and Computers (CSCC), Crete, Greece, 2022, pp. 296-299, doi: 10.1109/CSCC55931.2022.00057, 2022, @2023 [Линк](#) **1.000**
95. Grušovnik, T., Maša, B. "Artificial Intelligence, Robotics, and Animal Slaughter: The Embodiment of Necropolitical Dystopia." Journal of Animal Ethics, vol. 14 no. 2, 2024, p. 186-200. Project MUSE, <https://muse.jhu.edu/article/944823>, @2024 [Линк](#) **1.000**
56. Monov, V., Karastoyanov, D.. Innovations in Robotic Cow Milking Systems. Proc. of the 20th IEEE International Conference on Advanced Robotics (ICAR21), December 6-10, 2021, Ljubljana, Slovenia., IEEE, 2021, ISBN:978-1-6654-3683-0/21, 58-63
- Цитира се в:
96. Suvarna Bhoj, Priya Dhattarwal, Kallambella, Ramakrishnegowda Harini Mechanization of livestock farms January 2024, DOI: 10.1016/B978-0-323-98385-3.00007-4 In book: Engineering Applications in Livestock Production, @2024 [Линк](#) **1.000**
57. Filchev L., Kolev V.. Assessing of Soil Erosion Risk Through Geoinformation Sciences and Remote Sensing—A Review. In: Rai P.K., Singh P., Mishra V.N. (eds) Recent Technologies for Disaster Management and Risk Reduction, Earth and Environmental Sciences Library. Springer, 2021, ISBN:978-3-030-76115-8, DOI:10.1007/978-3-030-76116-5_21, pp. 377-430
- Цитира се в:
97. Velamala R. R., Pant P. K., and Gahlod N. S. S., Sediment yield index (SYI) method for ranking of watersheds for soil and water conservation-A discussion, Journal of Soil and Water Conservation, vol. 22, no. 4, pp. 340-352, 2023, @2024 [Линк](#) **1.000**
58. Chikurtev, D., Chikurteva, A., Spasova, N.. Information technologies for development of educational resources in robotics. IOP Conference Series: Materials Science and Engineering, 1031, IOP Publishing Ltd, 2021, ISSN:1757-8981, DOI:<https://doi.org/10.1088/1757-899X/1031/1/012122>, 1-10. SJR (Scopus):0.198
- Цитира се в:
98. Barbosa, J. P., Leão, C. P., Costa, N. B. M. M. D., & Costa, S. R. P. (2023). ICT tools use in the scope of education in Engineering: a systematic review., @2024 [Линк](#) **1.000**

59. **Stoilov T., Stoilova K., Vladimirov M.**. Application of modified Black-Litterman model for active portfolio management. J. Expert Systems with Applications, 186, Elsevier, 2021, ISSN:0957-4174, DOI:<https://doi.org/10.1016/j.eswa.2021.115719>, 1-13. SJR (Scopus):2.07, JCR-IF (Web of Science):8.665

Цитира се е:

99. Abdorrahimian A.A., Rostamy A.A.A., Shams M.F. A Generic Pattern for the Banks' Investment Management in Monetary and Non-monetary (Real and Capital Assets) Markets. J. of Investment Knowledge, Vol. (14) Issue (53), pp. 1-25, doi: 10.30495/jik.0621.23456, @2024 [Линк](#) 1.000
100. Day M.-Y., Yang C.-Y., Ni Y. (2024). Portfolio dynamic trading strategies using deep reinforcement learning. Soft Computing. vol. 28, pp. 8715-8730, @2024 [Линк](#) 1.000
101. Sumarti N., Evelyn S., Kencana V. V. Simulations of a dynamical portfolio consist of stocks and options for investment during the COVID-19 pandemic. AIP Conf. Proc. 11 June 2024; vol. 3165 (1): 030008. <https://doi.org/10.1063/5.0216230>, @2024 [Линк](#) 1.000
60. **Chivarov, S., Chivarov, N., Chikurtev, D., Pleva, M.**. Cost oriented software system for animal husbandry smart automation. International Conference Automatics and Informatics (ICAI) 2021, IEEE, 2021, DOI:10.1109/ICAI52893.2021.9639708, 256-261

Цитира се е:

102. Sharma, R., & Gour, S. (2024). Internet of Things (IoT) Case Studies and Application. In AI and IoT Technology and Applications for Smart Healthcare Systems (pp. 333-357). Auerbach Publications., @2024 [Линк](#) 1.000
61. **Petrov, I.** Renewable energies projects selection: block criteria systematization with AHP and Entropy-MOORA methods in MCDM, Proceeding of the 26 th International Conference Power Engineering and Power Machines Conference (PEMP 2021), 1-21 September, Sozopol, Bulgaria. E3S Web of Conferences , (Editors: I. Nastase, A.H. Wierling, T. Totev, A. Terziev, R. Atanasova, M. Zlateva, I. Dukov and K. Filipov), Vol. 327, 02003, 2021, DOI:<https://doi.org/10.1051/e3sconf/202132702004>, 1-8. SJR (Scopus):0.2

Цитира се е:

103. Huang, H. X., & Hu, L. Q. "Component, design, and prospects of self-consistent energy systems for transport infrastructures". Journal of the Chinese Institute of Engineers, 47(7), 769-779. Taylor & Francis, 2024, <https://doi.org/10.1080/02533839.2024.2383565>, @2024 [Линк](#) 1.000
62. **Petrov, I.** Combined criteria weighting in MCDM: AHP in blocks with traditional Entropy and novel Hierarchy in TOPSIS evaluation of Cloud Services, Proceedings of the 7th IEEE International Conference "Big Data, Knowledge and Control Systems Engineering" (BdKCSE'2021), 28-29 October 2021, Sofia, Bulgaria. Proceedings of the 7th IEEE International Conference "Big Data, Knowledge and Control Systems Engineering" (BdKCSE'2021), 28-29 October 2021, Sofia, Bulgaria, IEEE Xplore, 2021, ISBN:978-1-6654-1043-4, DOI:10.1109/BdKCSE53180.2021.9627221, 1-9

Цитира се е:

104. Salamai, A. Evaluation and Selection of Cloud Service: A neutrosophic model, @2023 [Линк](#) 1.000
63. **Chikurtev, D., Chivarov, N., Chivarov, S., Chikurteva, A.** Mobile robot localization and navigation using LIDAR and indoor GPS. IFAC papers online, 54, 13, Elsevier, 2021, ISSN:2405-8963, DOI:<https://doi.org/10.1016/j.ifacol.2021.10.472>, 351-356. SJR (Scopus):0.31

Цитира се е:

105. Al Mahmud, S., Kamarulariffin, A., Ibrahim, A.M. et al. Advancements and Challenges in Mobile Robot Navigation: A Comprehensive Review of Algorithms and Potential for Self-Learning Approaches. J Intell Robot Syst 110, 120 (2024). <https://doi.org/10.1007/s10846-024-02149-5>, @2024 [Линк](#) 1.000
106. Mutti, S., Pedrocchi, N., Valente, A., & Dimauro, G. (2024). Sim-to-Real RNN-Based Framework for the Precise Positioning of Autonomous Mobile Robots. IEEE Access., @2024 [Линк](#) 1.000
64. **Terzieva, V., Ilchev, S., Todorova, K., Andreev, R.** Towards a Design of an Intelligent Educational System. IFAC Papers Online, Proc. of 20th IFAC Conference on Technology, Culture and International Stability (TECIS 2021), 54, 13, Elsevier, 2021, ISSN:2405-8963, DOI:10.1016/j.ifacol.2021.10.474, 363-368. SJR (Scopus):0.31

Цитира се е:

107. Popgeorgiev, A., Ibraymova, E., Ivanova, G. "Advantages of Intelligent Educational Systems". Proceedings of University of Ruse - 2023, vol. 62, book 3.2, pp. 53-59. University of Ruse, 2023, @2023 [Линк](#) 1.000
108. Малахова, Е. В. "Кризис техногенной цивилизации и формирование новых ценностных перспектив". Диссертация на доктора философских наук, Специальность 5.7.6 – Философия науки и техники, Федеральное Государственное Бюджетное Учреждение Науки, Институт Философии Российской Академии Наук, 2023, @2023 [Линк](#) 1.000
109. Azmoon, M. H., MishMast, M. R., Khosravi, Z., Khajehnasiri, F., Ahangarzadeh, M., Eshaghzadeh, M., Sahlabadi, A. S., Askari, A., Poursadeghiyan, M. "The Role of Virtual Training Workshops Based on the ISO 10015 Standard in Increasing the Health and Safety Students' Knowledge". Journal of Education and Health Promotion, Wolters Kluwer - Medknow, 2024, @2024 [Линк](#) 1.000
110. Radwan, M., El-Sharkawy, F. "Employing Artificial Intelligence Applications in Developing Skills Virtual Trading and the Trend towards Investing in the Stock Exchange among Advanced Technical and Commercial School Students". Journal of Digital Education and Learning Technology, 5(15), pp. 96-191, 2024, @2024 [Линк](#) 1.000

65. **Boneva, A., Boneva, Y.** An Approach for Encrypted Exchange of Information in Corporate Networks Based on Tc/Tk. Problems of Engineering Cybernetics and Robotics, 78, Prof. Marin Drinov Publishing House of Bulgarian Academy of Sciences, 2022, ISSN:p-ISSN: 2738-7356, e-ISSN: 2738-7364, DOI:https://doi.org/10.7546/PECR.78.22.02, 5-22

Цитира се в:

111. Dimitrov, V., Dimitrova, Z., Information System for Generating Schedules for Preventive Examinations: An Algorithmic Implementation, j. Problems of Engineering Cybernetics and Robotics, p-ISSN: 2738-7356; e-ISSN: 2738-7364, Vol. 82, Prof. Marin Drinov Publishing House of Bulgarian Academy of Sciences, Sofia, DOI: https://doi.org/10.7546/PECR.82.24.01, 2024, pp. 3-20, @2024 [Линк](#) 1.000
112. Hossain, GM Mehedi, Md. Anisul Islam, Md. Shaiful Islam, A. Mallik, Automated Conveyor-Belt Product Sorting: An Industry 4.0 Initiative, Problems of Engineering Cybernetics and Robotics, Vol. 81, pp. 3-12, 2024, DOI: https://doi.org/10.7546/PECR.81.24.01, @2024 [Линк](#) 1.000
66. **Yosifova, V., Chikurtev, D.** Development of module system for intelligent control of infrared heating. AIP Conference Proceedings, 2449, 1, American Institute of Physics, 2022, ISSN:1551-7616, DOI:https://doi.org/10.1063/5.0090984, 1-6. SJR (Scopus):0.19

Цитира се в:

113. Voznyak, O.; Dudkiewicz, E.; Laska, M.; Antypov, I.; Spodyniuk, N.; Sukholova, I.; Savchenko, O. A New Approach to the Economic Evaluation of Thermomodernization: Annual Assessment Based on the Example of Production Space. Energies 2024, 17, 2105. https://doi.org/10.3390/en17092105, @2024 [Линк](#) 1.000
67. **Karastoyanov, Dimitar, Monov, Vladimir, Penchev, Todor.** Metal Powder Production by Atomization Methods. 7th International Conference on Mathematics and Computers in Sciences and Industry (MCSI), August 22-24, 2022, , Athens, Greece, (IEEE), IEEE, 2022, DOI:10.1109/MCSI55933.2022.00037, 190-195

Цитира се в:

114. J.R. Duflou, K. Wegener, A.E. Tekkaya, M. Hauschild, F. Bleicher, J. Yan, B. Hendrickx. Efficiently preserving material resources in manufacturing: Industrial symbiosis revisited, CIRP Annals, Volume 73, Issue 2, 2024, Pages 695-721, @2024 [Линк](#) 1.000
68. **Chikurtev, D., Ivanov, V., Yosifova, V., Dimitrov, D.** Cyber-physical system for intelligent control of infrared heating. IFAC papers online, 55, 11, Elsevier, 2022, ISSN:2405-8963, DOI:https://doi.org/10.1016/j.ifacol.2022.08.045, 37-41. SJR (Scopus):0.32

Цитира се в:

115. Kuwar, Vishakha & Sonwaney, Vandana & Upreti, Shitiz & Ekature, Shubham & Divakaran, Prakash & Upreti, Kamal & Poonia, Ramesh. (2024). Real-Time Data Analytics and Decision Making in Cyber-Physical Systems. 10.4018/979-8-3693-5728-6.ch015., @2024 1.000
69. **Stoilova K., Stoilov T.** Model Predictive Traffic Control by Bi-level Optimization. Journal Applied Sciences, 12, 9, MDPI, 2022, ISSN:2076-3417, DOI:https://doi.org/10.3390/app12094147, 1-19. SJR (Scopus):0.51, JCR-IF (Web of Science):2.679

Цитира се в:

116. Duraku R., Boshnjaku D. Enhancing Traffic Sustainability: An Analysis of Isolation Intersection Effectiveness through Fixed Time and Logic Control Design Using VisVAP Algorithm. J. Sustainability 2024, 16, 2930, https://doi.org/10.3390/u16072930, @2024 [Линк](#) 1.000
117. Kotsi A., Politis I., Mitsakis E. Strategic Traffic Management in Mixed Traffic Road Networks: A Methodological Approach Integrating Game Theory, Bilevel Optimization, and C-ITS. J. Future transportation, vol. 4(4), 2024, 1602-1624., @2024 [Линк](#) 1.000
118. Leon, E. R. W., Coral Ygnacio, M. A. C. (2024). Una Revisión Sistemática de Literatura de Implementaciones de Sistemas de Control de Tráfico. Interfases, 19, e6779. https://doi.org/10.26439/interfases2024.n19.6779, @2024 [Линк](#) 1.000
119. Xu, D., Ye, K., Zheng, Z., Zhou, T., Yen, G.G. An Efficient Dynamic Resource Allocation Framework for Evolutionary Bilevel Optimization, pp. 1-14, @2024 [Линк](#) 1.000
120. Zhang, K., Xu, H., Pan, B., Zheng, Q., Chen, H. Modified Model Predictive Control for Coordinated Signals along an Arterial under Relaxing Assumptions. 2024, Journal of Advanced Transportation , Volume 2024 | Article ID 9967121 , pp. 1-14, 2024, ISSN 0197-6729, Q2, https://doi.org/10.1155/2024/9967121, @2024 [Линк](#) 1.000
70. **Chikurtev, D., Stoev, P., Ficherov, R., Stoeva, M.** Development of a Multifunctional Micro-mobility Unit with Autonomous Mode. 20th International Conference on Emerging eLearning Technologies and Applications, IEEE, 2022, ISBN:979-8-3503-2033-6, DOI:10.1109/ICETA57911.2022.9974912, 103-108

Цитира се в:

121. Sanchez, N. C., & Larson, K. (2024). Shared autonomous micro-mobility for walkable cities. Transportation Research Interdisciplinary Perspectives, 27, 101236., @2024 [Линк](#) 1.000
71. **Terzieva, V., Ilchev, S., Todorova, K.** The Role of Internet of Things in Smart Education. IFAC Papers Online 2022, Proc. of IFAC Workshop on Control for Smart Cities (CSC 2022), 55, 11, Elsevier, 2022, ISSN:2405-8963, DOI:10.1016/j.ifacol.2022.08.057, 108-113. SJR (Scopus):0.32

122. Pambayun Mulyono, Lintang & Aprilianita, Ida & Dafik, D.. (2023). Multicultural Education in the Era of Society 5.0 through the Application of Outdoor Learning to Realize Students' Environmental Literacy. ResearchGate, 2023, @2023 [Линк](#) 1.000
123. Saurabh, K., Tripathi, M. M., Mahapatra. S. "IoT Resources and Their Practical Application, A Comprehensive Study". International Journal on Recent and Innovation Trends in Computing and Communication, vol. 11, no. 10, pp. 1530-1541, 2023, doi:10.17762/ijritcc.v11i10.8705., @2023 [Линк](#) 1.000
124. Xu, H., Lin, B., Zhuang, W. "Multidimensional Quality Improvement of Teaching Models and Curriculum Resources under the Empowerment of Digitization". Journal of Intelligence and Knowledge Engineering, Vol. 1 No. 1, pp. 41-46, 2023, @2023 [Линк](#) 1.000
125. Ahmad, Asiyah. "Empowering Education: Cloud Solutions for Remote Schools in Indonesia". Journal of Computer Science Application and Engineering (JOSAPEN), vol. 2, no. 1, pp. 11-14, 2024, @2024 [Линк](#) 1.000
126. Al Tefahni, J. S. "Proposed Training Program Based on (AIOT) Apps for the Development of Digital Evaluation Skills Among Primary Level Social Studies Teachers and Effects on Students' Probe Thinking". Al-Azhar Journal of Education (AJED), vol. 43, issue 202, pp. 465-503, 2024, @2024 [Линк](#) 1.000
127. Anam, M.K., Kurniadi, zeki, Yenni, H., Muzawi, R., Andesa, K. and Herwin, H. "Implementation of IoT-based Presence Applications in Junior High Schools to Support Implementation Smart Schools". JITK (Jurnal Ilmu Pengetahuan dan Teknologi Komputer). 10(1) pp. 62-72, 2024, @2024 [Линк](#) 1.000
128. Asgharinezhad, S., Rezghi Shirsavar, H., Khanzadi, K. "Identifying the Dimensions and Components of Internet of Things (IoT) Development in Schools Based on Futurology." Iranian Journal of Educational Sociology. 7(2), 98-105, 2024 doi:10.61838/kman.ijes.7.2.12, @2024 [Линк](#) 1.000
129. Asgharinezhad, S., Rezghi Shirsavar, H., Khanzadi, Kh. "Investigating the Status of Internet of Things Development in Schools based on the Future Research". Sociology of Education. 10(1), pp. 152-160, 2024, @2024 [Линк](#) 1.000
130. Das, S. S., Dorshetwar, K. S., Roopa U., Sanyal, S., Lourens M. "A Study on ICT and Application of Computing Technology for Assessment of Educational Quality and Policies in Global Universities". Journal of Electrical Systems. vol. 20, no. 10s, pp. 1508-1518, 2024, ISSN: 1112-5209., @2024 [Линк](#) 1.000
131. Ge, S. & Ge, Y. "An Implicit Geometric Optimization Study of Intelligent Teaching Methods in the Reform of Public Physical Education Courses in Colleges and Universities". Applied Mathematics and Nonlinear Sciences, 9(1), pp. 1-15, 2024, @2024 [Линк](#) 1.000
132. Ikhsan, D., A. Jamin, and A. Damni. "Analysis of Differential Interests: A Quantitative Approach to Learning Method Preferences Between Religious-Nonreligious and Institutes-Universities". INSANIA: Jurnal Pemikiran Alternatif Kependidikan, vol. 29, no. 1, pp. 74-95, June 2024, @2024 [Линк](#) 1.000
133. Lee, C. E. (C.), Kumar, S-J. S., Lee, S. H. A., Crosling, G. M., Arulnandam, B. V., Azizan, S. N. "Students' Perspectives on Online Learning in Malaysian Higher Education Institutions During the Pandemic: A Quantitative Study". Proceedings of the 2023 7th International Conference on Education and E-Learning (ICEEL '23), 90-96. ACM, 2024, @2024 [Линк](#) 1.000
134. Lekhika, Taneja, K., Taneja, H. "Adapting Artificial Intelligence in Teaching Learning Process: Recent Trends and Challenges". International Journal of Engineering Science and Humanities, 14(1), 47-57, 2024., @2024 [Линк](#) 1.000
135. Machado, R., Norbistrath, U., Jubeh, R. "IoT Educational Framework Case Study: Devices as Things for Hands-on Collaboration". Journal of Engineering Education Transformations, volume: 37, issue: Special Issue 2, pp. 385-392, 2024. Print ISSN: 2349 - 2473, Online ISSN: 2394 - 1707, DOI: 10.16920/jeet/2024/v37is2/24066., @2024 [Линк](#) 1.000
136. Martins, D. O., das Neves, G. P., Angelico, B. A. "Aplicação do IoTControl em laboratório remoto: controle sem modelo de um servomecanismo". Proceedings of XXV Congresso Brasileiro de Automática (CBA 2024), 2024, @2024 [Линк](#) 1.000
137. Mohammadi Zanjireh, M., Mortazavi, S. M., & Hadizadeh, M. "Futures Studies for Development of Smart Education Considering the Role of New Technologies". Journal of Applied Educational Leadership, 5(1), 176-194, 2024, @2024 [Линк](#) 1.000
138. Mr. Noah, Hossam El-Din Hussein Abu El-Hoda, El-Gharib Zaher Ismail, Ayman Jabr Mahmoud "Designing an Adaptive e-Learning Environment to Develop Cybersecurity Skills Among Educational Technology Specialists". Fayoum University Journal of Educational and Psychological Sciences, 18(9), pp. 317-368, 2024, @2024 [Линк](#) 1.000
139. Najmi, A. H., Alameer, Y. R., Alhalafawy, W. S. "Exploring the Enablers of IOT in Education: A Qualitative Analysis of Expert Tweets". Journal of Infrastructure, Policy and Development, vol. 8, no. 10, 5079. EnPress Publisher, 2024, @2024 [Линк](#) 1.000
140. Ren, L., Li, Y. "Intelligent Upgrading and Transformation of Multimedia Classrooms in Universities Under the Smart Teaching Environment". Advances in Transdisciplinary Engineering, vol. 48, Z.B. Hu et al. (Eds.) Artificial Intelligence, Medical Engineering and Education, pp. 716 - 726. IOS Press, 2024, @2024 [Линк](#) 1.000
141. Roig, P.J., Alcaraz, S., Gilly, K., Bernad, C., Juiz, C. "Design and Assessment of an Active Learning-Based Seminar". Education Sciences. 14(4):371, MDPI, 2024, @2024 [Линк](#) 1.000
142. Romaniuk, M. W., Szarfenberg, A., Pawłowska, I., Choszczyk, K. "Doctoral Theses in the Digital Age – ICT use by Social Sciences PhD Students of The Maria Grzegorzewska University". International Journal of Electronics and Telecommunications, 70(1), pp. 199-204, 2024, @2024 [Линк](#) 1.000
143. Sakti, A. D., Andani, I G. A., Putri, A. D., Zakiar, M. R., Al Faruqi, I., Santoso, C., Caraka, R. E., Rohayani, P., Pramudya, F. S., Wijayanto, A. W., Setiyadi, A., Shalannanda, W. "Geospatial Intelligence Framework for BTS Infrastructure Planning toward Universal Internet Access Target in Indonesia". International Journal of Applied Earth Observation and Geoinformation, Vol. 135, 104274. Elsevier, 2024, @2024 [Линк](#) 1.000

144. Saragih, F. W., Oktaviani, R. N., Leandros, R., Ayunda, S. "Analysis of User Experience in Applications Madrasah Digital Report Website at MTSS Assa'adah Cicurug," International Conference on Information Management and Technology (ICIMTech), Bali, Indonesia, pp. 1-6, IEEE, 2024, @2024 [Линк](#) 1.000
145. Silva, M.J., Rodrigues, M., Tempera, T. "Framework for a Research-Based and Interdisciplinary Use of Sensors in Elementary Teacher Education". Sensors. MDPI, 24(17):5482, 2024, @2024 [Линк](#) 1.000
146. Shrir, A., Mazri, T., Benbrahim, M. "Smart Education in the IoT: Issues, Architecture, and Challenges". In: Ben Ahmed, M., Boudhir, A.A., El Meouche, R., Karaş, İ.R. (eds) Innovations in Smart Cities Applications Volume 7. SCA 2023. Lecture Notes in Networks and Systems, vol 938, pp. 384–394. Springer, Cham. 2024, @2024 [Линк](#) 1.000
147. Sun, L., Zhu, J., Guo, L. "Internet Teaching Communication Based on Digital Media Technology". Proceedings of the 2023 International Conference on Information Education and Artificial Intelligence (ICIEAI '23), 602–605. ACM, 2024, @2024 [Линк](#) 1.000
148. Yalli, J. S., Hasan, M. H., Badawi, A. "Internet Of Things (IoT): Origin, Embedded Technologies, Smart Applications and its Growth in the Last Decade," in IEEE Access, IEEE, @2024 [Линк](#) 1.000
149. Yasuda, A., Ando, T., Awai, M., Inoue, T., Ajito, K. "Developing Advanced IoT Engineers by Voluntarily Discovering Social Issues and the Solutions in a PBL Class "Social Application via IoT Systems" Supported by Industry-Academia-Government Partnership". Dynamic Creative Knowledge, vol. 2, pp. 31-40, 2024, @2024 [Линк](#) 1.000
150. Yinka, Kasumu Rebecca, Chidinma, Abe Ezinne. "The Role and Applications of Internet of Things (IoT) in Higher Education: Uses and Ways IoT Affects Students' Learning", International Journal of Multidisciplinary Research and Growth Evaluation, vol. 5, issue 2, pp. 243-249, 2024, @2024 [Линк](#) 1.000
72. Miteva, L., Yovchev, K., **Chikurtev, D.** Software and Hardware Infrastructure for Research and Development of Intelligent Control for Robotic Manipulators. XXXI International Scientific Conference Electronics - ET2022, IEEE, 2022, ISBN:978-1-6654-9878-4, DOI:10.1109/ET55967.2022.9920270, 1-5
Цитира се е:
151. Chavdarov, I., Yovchev, K., Naydenov, B., & Hrosinkov, V. (2024, September). 3D Printed DELTA Robot for Educational Purposes. In 2024 International Conference on Software, Telecommunications and Computer Networks (SoftCOM) (pp. 1-6). IEEE., @2024 [Линк](#) 1.000
73. **Stoilov T, Stoilova K, Dimitrov St.** Planning resource allocation for husbandry management by portfolio optimization. Heliyon, 8, 10, Elsevier, 2022, ISSN:2405-8448, DOI:https://doi.org/10.1016/j.heliyon.2022.e10841, 1-24. SJR (Scopus):0.55, JCR-IF (Web of Science):3.78
Цитира се е:
152. Luo, G., Cui, J. Exploring high quality development of animal husbandry in Qinghai province from the perspective of the Tibetan sheep industry. J. Scientific Reports 14, 21500 (2024). https://doi.org/10.1038/s41598-024-72462-4, Impact Factor: 3.8, ISSN 2045-2322, Q1, @2024 [Линк](#) 1.000
74. **Chikurtev, D.** Service-oriented architecture for control of modular robots. 26th International Conference on Circuits, Systems, Communications and Computers CSCC 2022, IEEE, 2022, ISBN:978-1-6654-8186-1, DOI:10.1109/CSCC55931.2022.00059, 304-309
Цитира се е:
153. Rodríguez-Nieto, D., Velázquez, M. O., Navas, E., & Fernández, R. (2023). Arquitectura software para el sistema robótico de manipulación dual HortiRobot. Revista Iberoamericana de Automática e Informática industrial. DOI: 10.4995/riai.2024.20611, @2024 [Линк](#) 1.000
75. **Stoilov, T., Stoilova, K., Vladimirov, M.** Decision Support for portfolio management by Information system with Black-Litterman model. International Journal of Information Technology & Decision Making, 21, 2, World Scientific, 2022, ISSN:0219-6220, DOI:10.1142/S0219622021500589, 643-664. SJR (Scopus):0.55, JCR-IF (Web of Science):3.508
Цитира се е:
154. Iliev L., Karastoyanov D. Informational Support for Investment Analysis. WSEAS TRANSACTIONS ON BUSINESS AND ECONOMICS. V.21, 2024, p.2042-2048, DOI: 21. 2042-2048. 10.37394/23207.2024.21.166. E-ISSN: 2224-2899, SJR 0.18, Q4, @2024 [Линк](#) 1.000
155. Shen, H., Wu, J., Li, S. (2024). Deep Learning of the Management Information System Design Platform for Higher Vocational Colleges. In: Zhang, Y., Shah, N. (eds) Application of Big Data, Blockchain, and Internet of Things for Education Informatization. BigIoT-EDU 2023. Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering, vol 583. Springer, Cham., @2024 [Линк](#) 1.000
76. **Petrov, I.** MCDM for renewable energy projects: criteria weighting with traditional entropy and novel hierarchy in combination with conventional and structured in blocks AHP approaches, Proceedings of the 9th Iranian Conference on Renewable Energy & Distributed Generation (ICREDG 2022), 23-24 February 2022, Mashhad, Iran Status: in print; Expected indexing: SCOPUS / IEEE xplore. IEEE xplore, 2022, 1-8
Цитира се е:
156. Kizielewicz, B., Shekhovtsov, A., Więckowski, J. et al. "Intelligent characteristic objects method (INCOME): a data knowledge-based multi-criteria decision analysis." Artif Intell Rev 57, 266 (2024). https://doi.org/10.1007/s10462-024-10892-2, @2024 [Линк](#) 1.000

77. **Stoilova K., Stoilov T.** Bi-level and Optimal Control in Urban Transportation Network. 10th International Scientific Conference on Engineering, Technologies and Systems, TechSys 2021; Plovdiv; Bulgaria; 27 – 29 May 2021, 2449, AIP, 2022, ISSN:0094243X, DOI:<https://doi.org/10.1063/5.0090749>, 1-6. SJR (Scopus):0.19, JCR-IF (Web of Science):0.402

Цитира се в:

157. Boneva, Y., Application of bi-level approach to traffic optimization, 12th International Scientific Conference "TechSys 2023" – Engineering, Technologies and Systems, Technical University of Sofia, Plovdiv Branch, 18-20 May 2023, AIP Conference Proceedings, e-ISSN:1551-7616, Vol. 3078, Issue 1, 020006, AIP Publishing LLC, April 24 2024, pp. 020006-1-020006-7, SJR (SCOPUS) 2023: 0, 15 <https://doi.org/10.1063/5.0208337>, @2024 [Линк](#)

78. **Stoilov T, Stoilova K.** An Algorithm for Business Management Based on Portfolio Optimization. J. Mathematics, 10, 22, MDPI, 2022, ISSN:2227-7390, DOI:<https://doi.org/10.3390/math10224262>, 1-20. SJR (Scopus):0.542, JCR-IF (Web of Science):2.592

Цитира се в:

158. di Tollo, G., Fattoruso, G. & Filograsso, G. An adaptive evolutionary strategy for long–short portfolio construction. Decisions in Economics and Finance (2024) <https://doi.org/10.1007/s10203-024-00468-8>, @2024 [Линк](#)

79. **Petrov, I.** Hybrid MCDM for Cloud Services: AHP(blocks) & Entropy, TOPSIS & MOORA (methodology review and advances). Proceedings of the 24th International Conference DCCN, 20-24 September 2021, Moscow, vol. 1552, Springer, Cham., 2022, ISSN:1865-0929, DOI:https://doi.org/10.1007/978-3-030-97110-6_6, 77-91. SJR (Scopus):0.16

Цитира се в:

159. Balali, A., Yunusa-Kaltungo, A. "Description of the Characteristics of Different Multiple Criteria Decision-Making (MCDM) Techniques for the Selection of Passive Energy Consumption Optimisation Strategies in Buildings." In: Yunusa-Kaltungo, A. (eds) Key Themes in Energy Management. Lecture Notes in Energy, vol 100.q 2024, Springer, Cham. https://doi.org/10.1007/978-3-031-58086-4_12, @2024 [Линк](#)

160. Sharaf, I.M., Albahri, O.S., Alsalem, M.A. et al. "A novel dual-level multi-source information fusion approach for multicriteria decision making applications." Appl Intell 54, 11577–11602 (2024). <https://doi.org/10.1007/s10489-024-05624-6>, @2024 [Линк](#)

80. **Chikurtev, D., Yovchev, K.** Computer Vision Based Object Tracking for Multiple Robot Collaboration. Mechanisms and Machine Science, 120, Springer Nature, 2022, ISBN:978-3-031-04870-8, ISSN:2211-0992, DOI:https://doi.org/10.1007/978-3-031-04870-8_55, 469-476. SJR (Scopus):0.225

Цитира се в:

161. Righettini, P., Strada, R., Santinelli, J., Cortinovis, F., & Tabaldi, F. (2024, May). Parallel Kinematics Manipulators for Pick and Place of Moving Objects Using 3D Perception: Development of a Test Bench. In 2024 International Congress on Human-Computer Interaction, Optimization and Robotic Applications (HORA) (pp. 1-7). IEEE., @2024 [Линк](#)

81. **Paunova-Hubenova, E., Karastoyanov, D., Trichkova – Kashamova, E.** Contemporary Technical Solutions for Milking Stalls and Dairy Barns with AMS. Journal of WSEAS Transactions on Environment and Development, 18, World Scientific and Engineering Academy and Society, 2022, ISSN:17905079, 22243496, DOI:10.37394/232015.2022.18.100, 1049-1054. SJR (Scopus):0.23

Цитира се в:

162. LISTUZZI, MATTEO. L'impiego del robot di mungitura negli allevamenti da latte: aspetti generali e risultati di un caso studio in un'azienda del Friuli Venezia Giulia. Padua Thesis and Dissertation. Academic year 2023/2024., @2024 [Линк](#)

2023

82. **Stoilova K, Stoilov T.** An optimization model for urban traffic management with additional constraints. International conference Computer Science'2023, Sozopol, 18-20 September 2023, IEEE, 2023, ISBN:979-8-3503-2525-6, Print on Demand(PoD) ISBN:979-8-3503-2526-3, DOI:10.1109/COMSCI59259.2023.10315875, 1-4

Цитира се в:

163. Halim H., Saing Z., Yusuf, H., Hamkah H., Kaharu A. (2024). Effective Model of Vehicle Parking Distance at Signalized Intersections Using Cumulative Method Analysis. J. Civil Engineering and Architecture 12(4): 2922-2933, 2024 DOI:10.13189/cea.2024.120431, @2024 [Линк](#)

83. **Terzieva, V. T., Ilchev, S., Ivanova, T., Todorova, K., Savov, T.** Technologies for Intelligent and Inclusive Education. Handbook of Research on Advancing Equity and Inclusion Through Educational Technology, IGI Global, Hershey, Pennsylvania, USA, 2023, ISBN:ISBN13: 9781668468685 ISBN10: 1668468689, DOI:<https://doi.org/10.4018/978-1-6684-6868-5.ch011>, 31, 208-238

Цитира се в:

164. Trichkova-Kashamova, E., Paunova-Hubenova, E., Boneva, Y., Dimitrov, S. "Criteria and Approaches for Optimization of Innovative Methods for STEM Education". IFAC Papers Online, Proceedings of 22th IFAC Conference on Technology, Culture and International Stability (TECIS 2024), 58(3), pp. 123-128, Elsevier, 2024, ISSN 2405-8963., @2024 [Линк](#)

84. **Ilchev, S.** Design Considerations, Architecture and Implementation of a Wireless Sensor Network for Use in Smart Education. Lecture Notes in Networks and Systems, 769, Springer, 2023, ISBN:978-3-031-42134-1, ISSN:2367-3389, DOI:10.1007/978-3-031-42134-1_18, SJR (Scopus):0.15

Цитира се в:

165. Gazis A, Katsiri E., Streamline Intelligent Crowd Monitoring with IoT Cloud Computing Middleware, Sensors, vol. 24(11):3643, MDPI, 2024, **1.000** ISSN: 1424-8220, E-ISSN: 1424-8220, DOI: <https://doi.org/10.3390/s24113643>, @2024 [Линк](#)
166. Terzieva, V., Paunova-Hubenova, E., Slavcheva, S., "Trends, Challenges, Opportunities, and Innovations in STEM Education", 22th IFAC Conference on Technology, Culture and International Stability (TECIS 2024), Waterford, Ireland, May 29 – 31, 2024, published in IFAC-PapersOnLine, Vol. 58, Issue 3, pp. 106-111, 2024, ISSN 2405-8963, DOI: <https://doi.org/10.1016/j.ifacol.2024.07.134>, SJR (SCOPUS) 2023: 0.37, @2024 [Линк](#)

85. **Stoilova K, Stoilov T.** Optimization Models for Urban Traffic Management. WSEAS Transactions on Systems and Control, 18, WSEAS, 2023, ISSN:1991-8763; E-ISSN: 2224-2856, DOI:10.37394/23203.2023.18.19, 187-194. SJR (Scopus):0.17

Цитира се в:

167. Kolisnyk M., Meklenbraueker C. "Smart Traffic Lights System of Vienna city, " 2023 International Conference on Applied Mathematics & Computer Science (ICAMCS), Lefkada Island, Greece, 2023, pp. 112-117, doi: 10.1109/ICAMCS59110.2023.00025, @2023 [Линк](#)

86. Ivanova, V., **Boneva, A., Ivanov, S.,** Doshev, Y.. An ECG Monitoring Device for a Modular Instrument to Surgical Robots. Автоматизация на дискретното производство, 5, Издателство на ТУ-София, 2023, ISSN:2682-9584, 44-50

Цитира се в:

168. Georgieva-Tsaneva, G., Gospodinova, E., Cheshmedzhiev, K., Examination of Cardiac Activity with ECG Monitoring Using Heart Rate Variability Methods, Diagnostics, ISSN: 2075-4418, MDPI, Vol. 14(9), no. 926, pp. 1-20, 2024, DOI: <https://doi.org/10.3390/diagnostics14090926>, SJR (SCOPUS)2023: 0.67, Q2, @2024 [Линк](#)

2024	
-------------	--

87. **Terzieva, V., Ilchev, S., Djambazova, E.** Integrated Intelligent Educational Environment – Opportunities for STEM Education. IFAC Papers Online, Proc. of 22th IFAC Conference on Technology, Culture and International Stability (TECIS 2024), 58, 3, Elsevier, 2024, ISSN:2405-8963, DOI:<https://doi.org/10.1016/j.ifacol.2024.07.132>, 94-99. SJR (Scopus):0.37

Цитира се в:

169. Gaidarski, I., Madzharov, A. "Applying a New Approach to Consider the Human Factor in the Design of Information Security Systems". **1.000** Information & Security: An International Journal, vol. 55, no. 3, pp. 261-272, 2024, @2024 [Линк](#)

88. **Ilchev, S.** Design and Development of an Electronic Controller for Accurate Temperature Management for Storage of Biological and Chemical Samples in Healthcare. Computation, 12, 5:102, MDPI, 2024, ISSN:2079-3197, DOI:<https://doi.org/10.3390/computation12050102>, SJR (Scopus):0.41

Цитира се в:

170. Ivanova, V., Boneva, A., Application of a mechatronic device for local tumor radiotherapy in animal treatment, j. Problems of Engineering Cybernetics and Robotics, p-ISSN: 2738-7356, e-ISSN: 2738-7364, Vol. 82, 2024, pp. 21-34, Publisher: Prof. Marin Drinov Publishing House of Bulgarian Academy of Sciences, Sofia, DOI: <https://doi.org/10.7546/PECR.82.24.02.>, @2024 [Линк](#)

89. **Chikurtev, D., Chikurteva, A., Blagoeva, E.** Technological analysis of types of milking systems and robots: A Review. Mechanism and Machine Science, 157, Springer, 2024, ISBN:978-303159256-0, ISSN:22110984, DOI:10.1007/978-3-031-59257-7_57, 575-584. SJR (Scopus):0.166

Цитира се в:

171. Milanesi, S., Donina, D., Guido, V. C., Zaghen, F., Sora, V. M., & Zecconi, A. (2024). Comparing the Performance of Automatic Milking Systems through Dynamic Testing Also Helps to Identify Potential Risk Factors for Mastitis., @2024 [Линк](#)
172. Shergaziev, U., Nurgaziev, R., Baitemir, M., Karybekov, A., & Sultangaziev, E. (2024). Electronic tracking and identification of animals in agriculture for monitoring herd development and health., @2024 [Линк](#)