

Publikacijos pagal publikacijų rūšis

Ataskaitos data:	2025-01-08
Laikotarpis:	2024 - 2024
Dokumento tipas:	PDB
Institucija:	Vilniaus universitetas (įmonės kodas: 211950810)
Padaliniai:	Matematikos ir informatikos fakultetas > Duomenų mokslo ir skaitmeninių technologijų institutas (111400); Matematikos ir informatikos institutas (580000)

Nr.	Publikacijos rūšis*	Turi IF	Autorių kiekis	Publikacijų kiekis	Autorių indėlis
1	D - Duomenų rinkinys		3	2	2,000
2	K5 - Sudarytas mokslo darbas		15	13	3,317
3	P1a - Straipsnis konferencijos darbų leidinyje Web of Science DB		9	5	1,542
4	P1b - Straipsnis konferencijos darbų leidinyje Scopus DB		19	13	9,451
5	P1c - Straipsnis konferencijos darbų leidinyje kitoje DB		18	9	7,604
6	P1d - Straipsnis recenzuotame konferencijos darbų leidinyje		1	1	0,700
7	S1 - Straipsnis Web of Science DB		14	8	5,708
8	S1 - Straipsnis Web of Science DB	+	85	46	30,431
9	S2 - Straipsnis Scopus DB		2	1	0,500
10	S3 - Straipsnis kitoje DB		1	1	1,000
11	S7 - Apžvalginis, informacinis, enciklopedinis straipsnis mokslo leidinyje		1	1	0,250
12	S7 - Apžvalginis, informacinis, enciklopedinis straipsnis mokslo leidinyje	+	2	2	1,250
13	T1 - Konferencijos pranešimo tezės tarptautinėse DB		58	26	20,419
14	T1 - Konferencijos pranešimo tezės tarptautinėse DB	+	3	2	0,270
15	T2 - Konferencijos pranešimo tezės		8	5	2,667
16	T3 - Kitos konferencijos pranešimo tezės		17	12	7,099
17	Y1 - Monografijos dalis		2	1	0,400
			Iš viso:	148	94,608

Mokslinių ir kitų publikacijų sąrašas (papildyta kitomis publikacijomis, pažymėti institucijos autoriai)

Ataskaitos data:	2025-01-08
Laikotarpis:	2024 - 2024
Institucija:	Vilniaus universitetas (įmonės kodas: 211950810)
Padaliniai:	Matematikos ir informatikos fakultetas > Duomenų mokslo ir skaitmeninių technologijų institutas (111400); Matematikos ir informatikos institutas (580000)

1. MOKSLO STRAIPSNIAI

1.1. Straipsniai *Web of Science* duomenų bazėje

- Ahmad, Yasir; Ali, Umar; **Otera, Daniele Ettore**; Pan, Xiang-Feng. Study of random walk invariants for spiro-ring network based on Laplacian matrices // *Mathematics*. Basel : MDPI. eISSN 2227-7390. 2024, vol. 12, iss. 9, art. no. 1309, p. [1-18]. DOI: 10.3390/math12091309. [DB: Science Citation Index Expanded (Web of Science); Scopus]
- Aidokas, Linas**. Human – robot interaction communication control system using Lithuanian language // *Baltic journal of modern computing*. Riga : University of Latvia. ISSN 2255-8942. eISSN 2255-8950. 2024, vol. 12, iss. 1, p. 82-96. DOI: 10.22364/bjmc.2024.12.1.05. [DB: Emerging Sources Citation Index (Web of Science); Scopus]
- Astrauskas, Arvydas**. Asymptotic results for spacings of largest order statistics // *Sankhya A*. New York : Springer. ISSN 0976-836X. eISSN 0976-8378. 2024, Early Access, p. [1-31]. DOI: 10.1007/s13171-024-00340-2. [DB: Emerging Sources Citation Index (Web of Science); Scopus]
- Bielskus, Juozas; Streckienė, Giedrė; Rimdžius, Dovydas; Valančius, Kęstutis; Misevičiūtė, Violeta; **Katin, Igor**. Experimental analysis on the prototype of decentralised air handling unit with ball-packed regenerator // *Journal of building engineering*. Amsterdam : Elsevier Ltd. eISSN 2352-7102. 2024, vol. 98, art. no. 111304, p. 1-20. DOI: 10.1016/j.jobe.2024.111304. [DB: Science Citation Index Expanded (Web of Science); Scopus; ScienceDirect]
- Blaszke, Maciej; **Korvel, Gražina**; Kostek, Bożena. Exploring neural networks for musical instrument identification in polyphonic audio // *IEEE intelligent systems*. Los Alamitos : Institute of Electrical and Electronics Engineers Inc. ISSN 1541-1672. eISSN 1941-1294. 2024, vol. 39, iss. 5, p. 25-36. DOI: 10.1109/MIS.2024.3392586. [DB: Science Citation Index Expanded (Web of Science); Scopus]
- Briliauskas, Mantas**. Learning stabilization control of quadrotor in near-ground setting using reinforcement learning // *Informacinės technologijos ir valdymas = Information technology and control*. Kaunas : Technologija. ISSN 1392-124X. eISSN 2335-884X. 2024, vol. 53, no. 1, p. 237-242. DOI: 10.5755/j01.itc.53.1.35135. [DB: Science Citation Index Expanded (Web of Science); Scopus]
- Budžys, Arnoldas; Kurasova, Olga; Medvedev, Viktor**. Deep learning-based authentication for insider threat detection in critical infrastructure // *Artificial intelligence review*. Dordrecht : Springer Nature B.V. ISSN 0269-2821. eISSN 1573-7462. 2024, vol. 57, iss. 10, art. no. 272, p. [1-35]. DOI: 10.1007/s10462-024-10893-1. [DB: Science Citation Index Expanded (Web of Science); Scopus]
- Čėsna, Sigitas; Bielinis, Augustinas; **Žvirblis, Tadas**; Miglinas, Marius; Tarutis, Virgilijus. Influence of aortic arch morphology on renal perfusion in patients with coarctation of the aorta: an exploratory study // *Medicina (Kaunas, Lithuania)*. Basel : MDPI. ISSN 1010-660X. eISSN 1648-9144. 2024, vol. 60, iss. 6, art. no. 886, p. [1-13]. DOI: 10.3390/medicina60060886. [DB: Science Citation Index Expanded (Web of Science); Scopus]
- Čiapas, Bernardas; Treigys, Povilas**. Automated barcodeless product classifier for food retail self-checkout images // *Visual computer*. New York : Springer. ISSN 0178-2789. eISSN 1432-2315. 2024, vol. 40, p. 6245-6259. DOI: 10.1007/s00371-023-03163-8. [DB: Science Citation Index Expanded (Web of Science); Scopus]
- Čiapas, Bernardas; Treigys, Povilas**. Centre-loss—A preferred class verification approach over sample-to-sample in self-checkout products datasets // *IET computer vision*. Hoboken : Wiley. ISSN 1751-9632. eISSN 1751-9640. 2024, first published online, p. [1-13]. DOI: 10.1049/cvi2.12302. [DB: Science Citation Index Expanded (Web of Science); Scopus]
- Dagienė, Valentina; Grigas, Gintautas; Jevsikova, Tatjana**. A transformation of the way of thinking: key principles in programming education inspired by Pascal // *Informatics in education*. Vilnius : Vilnius University, Institute of Data Science and Digital Technologies. ISSN 1648-5831. eISSN 2335-8971. 2024, vol. 23, no. 4, p. 735-

12. Demidov, German; Yaldiz, Burcu; Garcia-Pelaez, José; de Boer, Elke; Schuermans, Nika; Van de Vondel, Liedewei; Paramonov, Ida; Johansson, Lennart F.; Musacchia, Francesco; Benetti, Elisa; Bullich, Gemma; Šablauskas, Karolis; Beltran, Sergi; Gilissen, Christian; Hoischen, Alexander; Ossowski, Stephan; de Voer, Richarda; Lohmann, Katja; Oliveira, Carla; Topf, Ana; Vissers, Lisenka E. L. M.; Laurie, Steven; Solve-RD Consortium, - (tyrėjas). Comprehensive reanalysis for CNVs in ES data from unsolved rare disease cases results in new diagnoses // *npj genomic medicine*. Berlin : Springer Nature. eISSN 2056-7944. 2024, vol. 9, iss. 1, art. no. 49, p. [1-24]. DOI: 10.1038/s41525-024-00436-6. [DB: Science Citation Index Expanded (Web of Science); Scopus]
13. **Dolgopолоvas, Vladimiras; Dagienė, Valentina**. Competencybased TPACK approaches to computational thinking and integrated STEM: A conceptual exploration // *Computer applications in engineering education*. Hoboken : Wiley. ISSN 1061-3773. eISSN 1099-0542. 2024, vol. 32, iss. 6, art. no. e22788, p. [1-28]. DOI: 10.1002/cae.22788. [DB: Science Citation Index Expanded (Web of Science); Scopus]
14. Donaire, Laura M.; Ortega, Gloria; Garzón, Ester M.; **Orts Gomez, Francisco Jose**. Lowering the cost of quantum comparator circuits // *Journal of supercomputing*. Dordrecht : Springer. ISSN 0920-8542. eISSN 1573-0484. 2024, vol. 80, iss. 10, p. 13900-13917. DOI: 10.1007/s11227-024-05959-4. [DB: Science Citation Index Expanded (Web of Science); Scopus]
15. **Dzemyda, Gintautas; Kurasova, Olga; Medvedev, Viktor; Šubonienė, Aušra**; Gulla, Aistė; Samuilis, Artūras; Jagminas, Džiugas; Strupas, Kęstutis. Deep learningbased aggregate analysis to identify cutoff points for decision making in pancreatic cancer detection // *Expert systems*. Hoboken : John Wiley & Sons Ltd. ISSN 0266-4720. eISSN 1468-0394. 2024, first published online, art. no. e13614, p. [1-20]. DOI: 10.1111/exsy.13614. [DB: Science Citation Index Expanded (Web of Science); Scopus]
16. **Dzemyda, Gintautas; Sabaliauskas, Martynas**. Geometric multidimensional scaling: efficient approach for data dimensionality reduction // *Journal of global optimization*. Dordrecht : Springer Nature. ISSN 0925-5001. eISSN 1573-2916. 2024, vol. 88, p. 53-77. DOI: 10.1007/s10898-022-01190-8. [DB: Science Citation Index Expanded (Web of Science); Scopus]
17. **Filatovas, Ernestas; Stripinis, Linas; Orts Gomez, Francisco Jose; Paulavičius, Remigijus**. Advancing research reproducibility in machine learning through blockchain technology // *Informatika*. Vilnius : Vilnius University Press. ISSN 0868-4952. eISSN 1822-8844. 2024, vol. 35, iss. 2, p. 227-253. DOI: 10.15388/24-INFOR553. [DB: Science Citation Index Expanded (Web of Science); Scopus]
18. **Gipiškis, Rokas**; Tsai, Chun-Wei; **Kurasova, Olga**. Explainable AI (XAI) in image segmentation in medicine, industry, and beyond: A survey // *ICT express*. Amsterdam : Elsevier. ISSN 2405-9595. 2024, vol. 10, iss. 6, p. 1331-1354. DOI: 10.1016/j.icte.2024.09.008. [DB: Science Citation Index Expanded (Web of Science); Scopus]
19. Grigaliūnaitė, Justina; **Melnik-Leroy, Gerda Ana**. Automatic accent identification using less data: a shift from global to segmental accent // *Arabian journal for science and engineering*. Heidelberg : Springer Nature. ISSN 2193-567X. eISSN 2191-4281. 2024, Early Access, p. [1-14]. DOI: 10.1007/s13369-024-09344-4. [DB: Science Citation Index Expanded (Web of Science); Scopus]
20. Gružauskas, Valentas; Burinskienė, Aurelija; Airapetian, Artur; **Urbonaitė, Neringa**. A geospatial framework of food demand mapping // *Applied sciences*. Basel : MDPI. eISSN 2076-3417. 2024, vol. 14, iss. 15, art. no. 6677, p. 1-18. DOI: 10.3390/app14156677. [DB: Science Citation Index Expanded (Web of Science); Scopus; DOAJ; INSPEC; J-Gate]
21. Hayat, Fazal; **Otera, Daniele Ettore**. Extremal k-connected graphs with maximum closeness // *Axioms*. Basel : MDPI. eISSN 2075-1680. 2024, vol. 13, iss. 12, art. no. 810, p. [1-10]. DOI: 10.3390/axioms13120810. [DB: Science Citation Index Expanded (Web of Science)]
22. Hayat, Fazal; **Otera, Daniele Ettore**. Maximizing closeness in bipartite networks: a graph-theoretic analysis // *Mathematics*. Basel : MDPI. eISSN 2227-7390. 2024, vol. 12, iss. 13, art. no. 2039, p. [1-13]. DOI: 10.3390/math12132039. [DB: Science Citation Index Expanded (Web of Science); Scopus]
23. Jucevičienė, Agnė; **Puronaitė, Roma**; Badarienė, Jolita; Ryliškytė, Ligita. Aortic pulse wave velocity predicts cardiovascular mortality among middle-aged metabolic syndrome subjects without overt cardiovascular disease // *Nutrition & metabolism*. London : BMC. ISSN 1743-7075. 2024, vol. 21, art. no. 98, p. [1-10]. DOI: 10.1186/s12986-024-00875-z. [DB: Science Citation Index Expanded (Web of Science)]
24. **Juodis, Mindaugas; Filatovas, Ernestas; Paulavičius, Remigijus**. Overview and empirical analysis of wealth

- decentralization in blockchain networks // *ICT express*. Amsterdam : Elsevier. ISSN 2405-9595. 2024, vol. 10, iss. 2, p. 380-386. DOI: 10.1016/j.ict.2024.02.002. [DB: Science Citation Index Expanded (Web of Science); Scopus; ScienceDirect]
25. **Juškevičienė, Anita; Jevsikova, Tatjana; Stupurienė, Gabrielė;** Vinikienė, Lina. STEM teachers' motivation and engagement in teacher professional development and career advancement: a case study of Lithuania // *Education sciences*. Basel : MDPI. eISSN 2227-7102. 2024, vol. 14, iss. 7, art. no. 780, p. [1-16]. DOI: 10.3390/educsci14070780. [DB: Emerging Sources Citation Index (Web of Science); Scopus]
 26. Kalibatiėnė, Diana; **Miliauskaitė, Jolanta; Slotkienė, Asta.** Ontology and fuzzy theory application in information systems: A bibliometric analysis // *Informatica*. Vilnius : Vilnius University Press. ISSN 0868-4952. eISSN 1822-8844. 2024, vol. 35, iss. 3, p. 557-576. DOI: 10.15388/24-INFOR557. [DB: Science Citation Index Expanded (Web of Science); Scopus; INSPEC; VINITI; Zentralblatt MATH (zbMATH); Genamics Journal Seek]
 27. Katina, Joana; **Katin, Igor;** Komarova, Vera. Cryptocurrency price forecasting: a comparative analysis of autoregressive and recurrent neural network models // *Entrepreneurship and sustainability issues*. Vilnius : VšĮ Entrepreneurship and Sustainability Center. eISSN 2345-0282. 2024, vol. 11, no. 4, p. 425-436. DOI: 10.9770/jesi.2024.11.4(26). [DB: Emerging Sources Citation Index (Web of Science); Scopus]
 28. **Kepalas, Mindaugas; Žilinskas, Julius.** Solving net-constrained clustering problem // *Journal of nonlinear and variational analysis*. Edmonton : Biemdas Academic Publishers. ISSN 2560-6921. eISSN 2560-6778. 2024, vol. 8, iss. 6, p. 987-1012. DOI: 10.23952/jnva.8.2024.6.09. [DB: Science Citation Index Expanded (Web of Science); Scopus]
 29. Kotsireas, Ilias; Pardalos, Panos; **Žilinskas, Julius.** Preface // *Journal of global optimization*. Dordrecht : Springer. ISSN 0925-5001. eISSN 1573-2916. 2024, vol. 88, iss. 3, p. 531-532. DOI: 10.1007/s10898-024-01375-3. [DB: Science Citation Index Expanded (Web of Science); Scopus]
 30. **Kubilius, Kęstutis.** Approximation of the fractional SDEs with stochastic forcing // *Mathematics: spec. iss.: Probabilistic models in insurance and finance*. Basel : MDPI. eISSN 2227-7390. 2024, vol. 12, iss. 24, art. no. 3875, p. [1-22]. DOI: 10.3390/math12243875. [DB: Science Citation Index Expanded (Web of Science); Scopus]
 31. **Kubilius, Kęstutis.** The implicit Euler scheme for FSDEs with stochastic forcing: Existence and uniqueness of the solution // *Mathematics*. Basel : MDPI. eISSN 2227-7390. 2024, vol. 12, iss. 16, art. no. 2436, p. [1-18]. DOI: 10.3390/math12162436. [DB: Science Citation Index Expanded (Web of Science); Scopus]
 32. **Kurasova, Olga; Budžys, Arnoldas; Medvedev, Viktor.** Exploring multidimensional embeddings for decision support using advanced visualization techniques // *Informatics*. Basel : MDPI. eISSN 2227-9709. 2024, vol. 11, iss. 1, art. no. 11, p. [1-17]. DOI: 10.3390/informatics11010011. [DB: Emerging Sources Citation Index (Web of Science); Scopus]
 33. **Marcozzi, Marco; Filatovas, Ernestas; Stripinis, Linas; Paulavičius, Remigijus.** Data-driven consensus protocol classification using machine learning // *Mathematic*. Basel : MDPI. eISSN 2227-7390. 2024, vol. 12, iss. 2, art. no. 221, p. [1-18]. DOI: 10.3390/math12020221. [DB: Science Citation Index Expanded (Web of Science); Scopus]
 34. **Marcozzi, Marco;** Mostarda, Leonardo. Analytical model for performability evaluation of Practical Byzantine Fault-Tolerant systems // *Expert systems with applications*. Oxford : Pergamon - Elsevier Ltd. ISSN 0957-4174. eISSN 1873-6793. 2024, vol. 238, part. A, art. no. 121838, p. [1-10]. DOI: 10.1016/j.eswa.2023.121838. [DB: Science Citation Index Expanded (Web of Science); Scopus]
 35. Maselienė, Tatjana; Žukienė, Guoda; Laurinavičienė, Anna; **Breskuvienė, Dalia;** Ramašauskaitė, Diana; Dženkevičiūtė, Vilma. Alterations in maternal cardiovascular parameters and their impact on uterine and fetal circulation in hypertensive pregnancies and fetal growth restriction // *International journal of cardiology cardiovascular risk and prevention*. Amsterdam : Elsevier. ISSN 2772-4875. 2024, vol. 22, art. no. 200316, p. [1-6]. DOI: 10.1016/j.ijcrp.2024.200316. [DB: Emerging Sources Citation Index (Web of Science); Scopus]
 36. **Motiejuskas, Modestas; Dzemyda, Gintautas.** EfficientNet convolutional neural network with Gram matrices modules for predicting sadness emotion // *International journal of computers, communications and control*. Oradea : Agora University. ISSN 1841-9836. eISSN 1841-9844. 2024, vol. 19, iss. 5, art. no. 6697, p. [1-19]. DOI: 10.15837/ijccc.2024.5.6697. [DB: Science Citation Index Expanded (Web of Science); Scopus]
 37. Novikas, Aivaras; **Mačys, Juozas Juvencijus.** On an elementary proof of the fundamental theorem of algebra // *Lithuanian mathematical journal*. New York : Springer. ISSN 0363-1672. eISSN 1573-8825. 2024, vol. 64, no. 4, p. 507-513. DOI: 10.1007/s10986-024-09651-1. [DB: Science Citation Index Expanded (Web of Science); Scopus]

38. **Orts, Francisco; Paulavičius, Remigijus; Filatovas, Ernestas.** Quantum circuit optimization of an integer divider // Journal of systems and software. New York : Elsevier Inc. ISSN 0164-1212. 2024, vol. 215, art. no. 112091, p. [1-9]. DOI: 10.1016/j.jss.2024.112091. [DB: Science Citation Index Expanded (Web of Science); Scopus]
39. **Orts Gomez, Francisco Jose;** Ortega, Gloria; Combarro, Elías F.; Rúa, Ignacio F.; Garzón, Ester M. Quantum circuits for computing Hamming distance requiring fewer T gates // Journal of supercomputing. Dordrecht : Springer. ISSN 0920-8542. eISSN 1573-0484. 2024, vol. 80, iss. 9, p. 12527-12542. DOI: 10.1007/s11227-024-05916-1. [DB: Science Citation Index Expanded (Web of Science); Scopus]
40. **Otera, Daniele Ettore.** An outreach note on the Poincaré Conjecture for non-specialists // European journal of pure and applied mathematics. Maryland : New York Business Global. ISSN 1307-5543. 2024, vol. 17, no. 3, p. 2361-2369. DOI: 10.29020/nybg.ejpm.v17i3.5351. [DB: Emerging Sources Citation Index (Web of Science); Scopus]
41. Sakalauskas, Leonidas; **Dulskis, Vytautas;** Jankūnas, Rimas Jonas. Compartmental modeling for pandemic data analysis: The gap between statistics and models // Heliyon : Elsevier Ltd. ISSN 2405-8440. 2024, vol. 10, iss. 11, art. no. e31410, p. [1-10]. DOI: 10.1016/j.heliyon.2024.e31410. [DB: ScienceDirect; Dimensions; Science Citation Index Expanded (Web of Science); Scopus]
42. Sakalauskas, Leonidas; **Dulskis, Vytautas; Plikynas, Darius.** A technique for efficient estimation of dynamic structural equation models: a case study // Structural equation modeling. Abingdon : Routledge. ISSN 1070-5511. eISSN 1532-8007. 2024, vol. 31, iss. 4, p. 635-650. DOI: 10.1080/10705511.2023.2282378. [DB: Science Citation Index Expanded (Web of Science); Social Sciences Citation Index (Web of Science); Scopus]
43. **Sapagovas, Mifodijus; Būda, Vytautas; Maskeliūnas, Saulius;** Štikonienė, Olga; Štikonas, Artūras. Minimal surfaces and the Plateau problem: numerical methods and applications // Informatica. Vilnius : Vilnius University Press. ISSN 0868-4952. eISSN 1822-8844. 2024, vol. 35, iss. 2, p. 401-420. DOI: 10.15388/24-INFOR552. [DB: Science Citation Index Expanded (Web of Science); Scopus]
44. **Stripinis, Linas;** Kudela, Jakub; **Paulavičius, Remigijus.** Benchmarking derivative-free global optimization algorithms under limited dimensions and large evaluation budgets // IEEE Transactions on Evolutionary Computation. Piscataway, New Jersey : Institute of Electrical and Electronics Engineers Inc. ISSN 1089-778X. eISSN 1941-0026. 2024, Early Access, p. [1-19]. DOI: 10.1109/TEVC.2024.3379756. [DB: Science Citation Index Expanded (Web of Science); Scopus]
45. **Stripinis, Linas; Paulavičius, Remigijus.** An empirical study of various candidate selection and partitioning techniques in the DIRECT framework // Journal of global optimization. Dordrecht : Springer. ISSN 0925-5001. eISSN 1573-2916. 2024, vol. 88, p. 723-753. DOI: 10.1007/s10898-022-01185-5. [DB: Science Citation Index Expanded (Web of Science); Scopus]
46. **Stripinis, Linas; Paulavičius, Remigijus.** Lipschitz-inspired HALRECT algorithm for derivative-free global optimization // Journal of global optimization. Dordrecht : Springer. ISSN 0925-5001. eISSN 1573-2916. 2024, vol. 88, iss. 1, p. 139-169. DOI: 10.1007/s10898-023-01296-7. [DB: Science Citation Index Expanded (Web of Science); Scopus]
47. **Stripinis, Linas; Paulavičius, Remigijus.** Review and computational study on practicality of derivative-free DIRECT-type methods // Informatica. Vilnius : Vilniaus universiteto leidykla. ISSN 0868-4952. eISSN 1822-8844. 2024, Early Access, p. [1-34]. DOI: 10.15388/24-INFOR548. [DB: Science Citation Index Expanded (Web of Science)]
48. **Stumbrienė, Dovilė; Jevsikova, Tatjana;** Kontvainė, Vita. Key factors influencing teachers' motivation to transfer technology-enabled educational innovation // Education and information technologies: Special Issue on: What will be the new normal? Digital competence and 21st century skills: critical and emergent issues in the K-12 education. New York : Springer Nature. eISSN 1573-7608. 2024, vol. 29, iss. 2, p. 1697-1731. DOI: 10.1007/s10639-023-11891-6. [DB: Social Sciences Citation Index (Web of Science); Scopus; ACM Digital Library; Current Contents / Social & Behavioral Sciences; DBLP; Dimensions; ERIC; ERIH Plus; INSPEC; Journal Citation Reports/Social Sciences Edition (Thomson Reuters)]
49. **Stupurienė, Gabrielė; Jevsikova, Tatjana;** Gülbahar, Yasemin; **Juškevičienė, Anita;** Gindulytė, Austėja; Juodagalvytė, Agnė. To plug or not to plug: exploring pedagogical differences for teaching informatics in primary schools // Education and information technologies. New York : Springer. ISSN 1360-2357. eISSN 1573-7608. 2024, Early Access, p. [1-38]. DOI: 10.1007/s10639-024-13000-7. [DB: Social Sciences Citation Index (Web of Science); Scopus]

50. **Tautvaišas, Saulius; Žilinskas, Julius.** Scalable Bayesian optimization with generalized product of experts // Journal of global optimization. Dordrecht : Springer. ISSN 0925-5001. eISSN 1573-2916. 2024, vol. 88, iss. 3, p. 777-802. DOI: 10.1007/s10898-022-01236-x. [DB: Science Citation Index Expanded (Web of Science); Scopus]
51. **Vaitulevičius, Aleksas; Bernatavičienė, Jolita;** Markevičiūtė, Jurgita; Naruševičiūtė, Ieva; Trakymas, Mantas; **Treigys, Povilas.** Advancements in prostate zone segmentation: integrating attention mechanisms into the nnU-Net framework // Machine learning: science and technology. Bristol : IOPScience. ISSN 2632-2153. eISSN 2632-2153. 2024, vol. 5, no. 4, art. no. 045003, p. [1-13]. DOI: 10.1088/2632-2153/ad7f24. [DB: Science Citation Index Expanded (Web of Science); Scopus]
52. **Virbukaitė, Sandra; Bernatavičienė, Jolita;** Imbrasienė, Daiva. Glaucoma identification using convolutional neural networks ensemble for optic disc and cup segmentation // IEEE Access. Piscataway : IEEE. eISSN 2169-3536. 2024, vol. 12, p. 82720-82729. DOI: 10.1109/ACCESS.2024.3412185. [DB: Science Citation Index Expanded (Web of Science); Scopus]
53. **Virbukaitė, Sandra; Bernatavičienė, Jolita.** Impact of eye fundus image preprocessing on key objects segmentation for glaucoma identification // Nonlinear analysis: modelling and control. Vilnius : Vilnius University Press. ISSN 1392-5113. eISSN 2335-8963. 2024, vol. 29, no. 1, p. 96-110. DOI: 10.15388/namc.2024.29.33669. [DB: Science Citation Index Expanded (Web of Science); Scopus]
54. **Žvirblis, Tadas;** Pikšrys, Armantas; Bzinkowski, Damian; Rucki, Mirosław; Kilikevičius, Artūras; **Kurasova, Olga.** Data augmentation for classification of multi-domain tension signals // Informatica. Vilnius : Vilniaus universiteto leidykla. ISSN 0868-4952. eISSN 1822-8844. 2024, Early Access, p. [1-26]. DOI: 10.15388/24-INFOR578. [DB: Science Citation Index Expanded (Web of Science); Scopus]

1.2. Straipsniai *Scopus* duomenų bazėje

1. Gulla, Aistė; Jakiūnaitė, Ieva; **Juchnevičiūtė, Ivona; Dzemyda, Gintautas.** A narrative review: predicting liver transplant graft survival using artificial intelligence modeling // Frontiers in transplantation. Lausanne : Frontiers Media S.A. ISSN 2813-2440. 2024, vol. 3, art. no. 1378378, p. [1-9]. DOI: 10.3389/frtra.2024.1378378. [DB: Scopus]

1.3. Straipsniai konferencijų darbų leidiniuose *Web of Science* duomenų bazėje

1. **Dzemyda, Gintautas; Kurasova, Olga; Medvedev, Viktor; Šubonienė, Aušra;** Kielaitė-Gulla, Aistė; Samuilis, Artūras; Jagminas, Džiugas; Strupas, Kęstutis. Optimal cut-off points for pancreatic cancer detection using deep learning techniques // Information systems and technologies : proceedings of the 11th World conference on information systems and technologies (WorldCIST 2023). Vol. 1 / editors: Alvaro Rocha, Hojjat Adeli, Gintautas Dzemyda, Fernando Moreira, Valentina Colla. Cham : Springer, 2024. ISBN 9783031456411. eISBN 9783031456428. p. 559-569. (Lecture notes in networks and systems, ISSN 2367-3370, eISSN 2367-3389 ; vol. 799). DOI: 10.1007/978-3-031-45642-8_54. [DB: Conference Proceedings Citation Index - Science (Web of Science); Scopus; SpringerLink]
2. Jahanshahi, Mahmoud; **Mockus, Audris.** Dataset: copy-based reuse in open source software // 21st International Conference on Mining Software Repositories (MSR '24), April 15–16, 2024, Lisbon, Portugal. New York : Association for Computing Machinery, 2024. ISBN 9798350363982. eISBN 9798400705878. p. 42-47. DOI: 10.1145/3643991.3644868. [DB: Conference Proceedings Citation Index - Science (Web of Science); Scopus; ACM Digital Library]
3. Malviya-Thakur, Addi; **Mockus, Audris.** The role of data filtering in open source software ranking and selection // International workshop on methodological issues with empirical studies in software engineering (WSESE'24), April 16, 2024, Lisbon, Portugal. New York : ACM, 2024. ISBN 9798400705670. p. 7-12. DOI: 10.1145/3643664.3648210. [DB: Conference Proceedings Citation Index - Science (Web of Science); Scopus]
4. **Marcozzi, Marco;** Di Marco, Antiniscia; Mostarda, Leonardo. Sensitivity analysis of performability model to evaluate PBFT systems // Advanced information networking and applications: Proceedings of the 38th international conference on Advanced Information Networking and Applications (AINA-2024), Volume 6. Cham : Springer Nature Switzerland, 2024. ISBN 9783031579417. eISBN 9783031579424. p. 106-113. (Lecture Notes on Data Engineering and Communications Technologies, ISSN 2367-4512, eISSN 2367-4520 ; vol. 204). DOI: 10.1007/978-

5. Szelągowski, Marek; Berniak-Woźny, Justyna; **Lupeikienė, Audronė; Szewczyk, Jerzy**. Telemedicine and BPM in cardiac rehabilitation: a comprehensive post-myocardial infarction care program case study // Business process management: blockchain, robotic process automation, Central and Eastern European, educators and industry forum, Krakow, Poland, September 1–6, 2024 : proceedings. Cham : Springer Nature, 2024. ISBN 9783031704444. eISBN 9783031704451. p. 205-219. (Lecture notes in business information processing, ISSN 1865-1348, eISSN 1865-1356 ; vol. 527). DOI: 10.1007/978-3-031-70445-1_13. [DB: Scopus; Conference Proceedings Citation Index - Science (Web of Science); Conference Proceedings Citation Index - Social Science & Humanities (Web of Science)]

1.4. Straipsniai konferencijų darbų leidiniuose *Scopus* duomenų bazėje

1. **Gipiškis, Rokas**. XAI-driven Model Improvements in Interpretable Image Segmentation // xAI-2024 Late-breaking work, demos and doctoral consortium joint proceedings, Valletta, Malta, July 17-19, 2024. Aachen : CEUR-WS. 2024, p. 369-376. (CEUR Workshop Proceedings, ISSN 1613-0073 ; vol. 3793). [DB: Scopus]
2. **Gudeika, Dalius**. Density functional theory calculations in designing symmetric and asymmetric TADF emitters // IVUS 2024: proceedings of 29th international conference information society and university studies, Kaunas, Lithuania, May 17, 2024. Aachen : CEUR-WS. eISSN 1613-0073. 2024, p. 148-154. (CEUR Workshop Proceedings, eISSN 1613-0073 ; vol. 3885). Prieiga per internetą: <<https://ceur-ws.org/Vol-3885/paper16.pdf>>. [DB: Scopus]
3. **Paura, Vytautas; Marcinkevičius, Virginijus**. Crop hyperspectral dataset unmixing using modified U-Net model // Digital Business and Intelligent Systems. 16th International Baltic Conference, Baltic DB&IS 2024, Vilnius, Lithuania, June 30 – July 3, 2024 : proceedings / editors: Audronė Lupeikienė, Jolita Ralytė, Gintautas Dzemyda. Cham : Springer Science and Business Media Deutschland GmbH, 2024. ISBN 9783031635427. eISBN 9783031635434. p. 195-210. (Communications in computer and information science, ISSN 1865-0929, eISSN 1865-0937 ; vol. 2157). DOI: 10.1007/978-3-031-63543-4_13. [DB: Scopus; SpringerLink]
4. **Rizgelienė, Ieva; Korvel, Gražina**. Comparative analysis of various data balancing techniques for propaganda detection in Lithuanian news articles // Digital business and intelligent systems: 16th International Baltic conference, Baltic DB&IS 2024, Vilnius, Lithuania, June 30 – July 3, 2024 : proceedings / Lupeikienė, A., Ralytė, J., Dzemyda, G. (eds). Cham : Springer Nature Switzerland, 2024. ISBN 9783031635427. eISBN 9783031635434. p. 227-236. (Communications in Computer and Information Science, ISSN 1865-0929, eISSN 1865-0937 ; vol. 2157). DOI: 10.1007/978-3-031-63543-4_15. [DB: Scopus; SpringerLink; Mathematical Reviews]
5. Skėrys, Paulius; Gaidys, Rimvydas; Narijauskaitė, Birutė; **Lupeikienė, Audronė**. Optimizing the piezoelectric energy harvester for the second eigen frequency: mathematical modeling and experimental investigation of optimal beam shapes // Journal of physics: conference series: 15th international AIVELA conference on vibration measurements by laser and noncontact techniques, June 21-23, 2023, Ancona, Italy. Bristol : IOP publishing. ISSN 1742-6588. eISSN 1742-6596. 2024, vol. 2698, art. no. 012013, p. 1-4. DOI: 10.1088/1742-6596/2698/1/012013. [DB: Scopus]
6. **Skuodis, Algimantas; Kurasova, Olga**. Evaluation of deep learning-based models for recognition of skydiving formations // Digital Business and Intelligent Systems. 16th international Baltic conference, Baltic DB&IS 2024, Vilnius, Lithuania, June 30 – July 3, 2024 : proceedings / editors: Audronė Lupeikienė, Jolita Ralytė, Gintautas Dzemyda. Cham : Springer Nature Switzerland, 2024. ISBN 9783031635427. eISBN 9783031635434. p. 211-226. (Communications in Computer and Information Science (CCIS), ISSN 1865-0929, eISSN 1865-0937 ; vol. 2157). DOI: 10.1007/978-3-031-63543-4_14. [DB: Scopus; SpringerLink]
7. **Stripinis, Linas; Kúdela, Jakub; Paulavičius, Remigijus**. Hot off the press: benchmarking derivative-free global optimization algorithms under limited dimensions and large evaluation budgets // GECCO'24 companion: proceedings of the 2024 Genetic and evolutionary computation conference companion, July 14–18, 2024, Melbourne, VIC, Australia. New York : Association for Computing Machinery, Inc, 2024. ISBN 9798400704956. p. 57-58. DOI: 10.1145/3638530.3664072. [DB: Scopus; ACM Digital Library]
8. **Surkant, Roman; Bernatavičienė, Jolita**; Naruševičiūtė, Ieva; Trakymas, Mantas; **Treigys, Povilas**. Time-signal curve evaluation from dynamic contrast-enhanced MRI for prostate cancer detection // Advances in digital health and medical bioengineering. Proceedings of the 11th international conference on e-health and bioengineering, EHB-2023, November 9–10, 2023, Bucharest, Romania. Vol. 3: Telemedicine, biomaterials, environmental protection, medical imaging, and biomechanics. Cham : Springer Nature, 2024. ISBN 9783031625220. eISBN 9783031625237. p. 340-348. (IFMBE Proceedings, ISSN 1680-0737, eISSN 1433-9277 ; vol. 111). DOI: 10.1007/978-3-031-62523-7_38. [DB: Scopus; SpringerLink]

9. **Žvirblis, Tadas**; Matijošius, Jonas; Kilikevičius, Artūras. An experimental selection of deep neural network hyperparameters for engine emission prognosis // 2024 IEEE Open Conference of Electrical, Electronic and Information Sciences (eStream), 25 April 2024, Vilnius, Lithuania / organized by Vilnius Gediminas Technical University. Piscataway, NJ : IEEE, 2024. ISBN 9798350352429. eISBN 9798350352412. ISSN 2831-5634. eISSN 2690-8506. p. 1-6. DOI: 10.1109/eStream61684.2024.10542607. [DB: Scopus; IEEE Xplore]
10. **Žvirblis, Tadas**; Pikšrys, Armantas; Bzinkowski, Damian; Kilikevičius, Artūras. Investigation of time series data augmentation methods for improving deep learning models in conveyor belt load classification // 2024 IEEE 11th workshop on Advances in Information, Electronic and Electrical Engineering (AIEEE), 31 May - 01 June 2024, Valmiera, Latvia. New York : Institute of Electrical and Electronics Engineers Inc., 2024. ISBN 9798331527778. eISBN 9798331527761. ISSN 2689-7334. eISSN 2689-7342. p. [1-6]. DOI: 10.1109/AIEEE62837.2024.10586674. [DB: Scopus; IEEE Xplore]
11. **Žvirblis, Tadas**; Pikšrys, Armantas; Bzinkowski, Damian; Rucki, Mirosław; Kilikevičius, Artūras. Time series data augmentation methods for deep learning models in conveyor belt load classification // 2024 IEEE Open Conference of Electrical, Electronic and Information Sciences (eStream), 25 April 2024, Vilnius, Lithuania / organized by Vilnius Gediminas Technical University. Piscataway, NJ : IEEE, 2024. ISBN 9798350352429. eISBN 9798350352412. ISSN 2831-5634. eISSN 2690-8506. p. 1-6. DOI: 10.1109/eStream61684.2024.10542589. [DB: Scopus; IEEE Xplore]
12. **Žvirblis, Tadas**; Pučinskas, Donatas. Synthesizing vibration signals using generative adversarial networks // Digital Business and Intelligent Systems. 16th International Baltic Conference, Baltic DB&IS 2024, Vilnius, Lithuania, June 30 – July 3, 2024 : proceedings / editors: Audronė Lupeikienė, Jolita Ralytė, Gintautas Dzemyda. Cham : Springer Science and Business Media Deutschland GmbH, 2024. ISBN 9783031635427. eISBN 9783031635434. p. 237-246. (Communications in computer and information science, ISSN 1865-0929, eISSN 1865-0937 ; vol. 2157). DOI: 10.1007/978-3-031-63543-4_16. [DB: Scopus; SpringerLink]
13. **Žvirblis, Tadas**; Skrickij, Viktor; Kilikevičius, Artūras. Deep autoencoder model for hypoid gear fault diagnosis with dynamic torque and rotation speed // 2024 IEEE 11th workshop on Advances in Information, Electronic and Electrical Engineering (AIEEE), 31 May - 01 June 2024, Valmiera, Latvia. New York : Institute of Electrical and Electronics Engineers Inc., 2024. ISBN 9798331527778. eISBN 9798331527761. ISSN 2689-7334. eISSN 2689-7342. p. [1-6]. DOI: 10.1109/AIEEE62837.2024.10586692. [DB: Scopus; IEEE Xplore]

1.5. Kitų tarptautinių duomenų bazių leidiniuose paskelbti straipsniai

1. **Alonderis, Romas**. Multi-succedent sequent calculus for intuitionistic epistemic logic = Multisukcedentinis sekvencinis skaičiavimas intuicionistinei episteminėi logikai // Lietuvos matematikos rinkinys. Ser. A. Vilnius : Vilniaus universiteto leidykla. ISSN 0132-2818. eISSN 2335-898X. 2024, t. 65, p. 9-17. DOI: 10.15388/LMD.2024.37367. [DB: Dimensions; Zentralblatt MATH (zbMATH)]
2. Bilbao, J.; Bravo, E.; Garcia, O.; Rebollar, C.; **Dagienė, Valentina**; **Masiulionytė-Dagienė, Vaida**; Jankauskienė, A.; Laakso, M.J.; Kaarto, H.; Lehtonen, D.; Parviainen, M.; Güven, I.; Gulbahar, Y.; Öztürk, T.; Özdemir Öncül, F.; Tan Yenigün, N.; Pluhár, Z.; Sarmasági, P.; Pears, A. Computational thinking and problem solving in PISA era // INTED2024: 18th international technology, education and development conference, 4-6 March, 2024, Valencia, Spain : conference proceedings / edited by L. Gómez Chova, C. González Martínez, J. Lees. València : IATED Academy, 2024. ISBN 9788409592159. p. 7335-7342. (INTED Proceedings, ISSN 2340-1079). DOI: 10.21125/inted.2024.1922. [DB: IATED digital library]
3. **Butkus, Deividas**; **Bernatavičienė, Jolita**. Machine learning approaches in atrial fibrillation detection // Lietuvos magistrantų informatikos ir IT tyrimai: konferencijos darbai, 2024 m. gegužės 10 d. Vilnius : Vilniaus universiteto leidykla. eISSN 2783-784X. 2024, p. 16-24. (Vilnius University Open Series, eISSN 2669-0535). DOI: 10.15388/LMITT.2024.2. [DB: ERIH Plus; DOAJ]
4. **Klimašauskas, Oskaras**; **Dzemyda, Gintautas**. Vairavimo maršruto skaičiavimo, grindžiamo skatinamuoju mokymusi, vizualios aplinkos kūrimas // Lietuvos magistrantų informatikos ir IT tyrimai: konferencijos darbai, 2024 m. gegužės 10 d. Vilnius : Vilniaus universiteto leidykla. eISSN 2783-784X. 2024, p. 48-56. (Vilnius University Open Series, eISSN 2669-0535). DOI: 10.15388/LMITT.2024.7. [DB: ERIH Plus; DOAJ]
5. **Kondrataitė, Eglė**; **Korvel, Gražina**. Early detection of rare diseases using natural language processing // Lietuvos magistrantų informatikos ir IT tyrimai: konferencijos darbai, 2024 m. gegužės 10 d. Vilnius : Vilniaus universiteto

leidykla. eISSN 2783-784X. 2024, p. 65-67. (Vilnius University Open Series, eISSN 2669-0535). DOI: 10.15388/LMITT.2024.9. [DB: ERIH Plus; DOAJ]

6. **Kvedaravičius, Karolis; Kurasova, Olga.** Mašininio mokymosi pritaikymas reklamų aptikimui YouTube įrašuose // Lietuvos magistrantų informatikos ir IT tyrimai: konferencijos darbai, 2024 m. gegužės 10 d. Vilnius : Vilniaus universiteto leidykla. eISSN 2783-784X. 2024, p. 68-75. (Vilnius University Open Series, eISSN 2669-0535). DOI: 10.15388/LMITT.2024.10. [DB: DOAJ; ERIH Plus]
7. **Malūkaitė, Jaunė; Bernatavičienė, Jolita; Treigys, Povilas.** Arrhythmia classification from ECG signals using transformers and data balancing techniques // Lietuvos magistrantų informatikos ir IT tyrimai: konferencijos darbai, 2024 m. gegužės 10 d. Vilnius : Vilniaus universiteto leidykla. eISSN 2783-784X. 2024, p. 90-97. (Vilnius University Open Series, eISSN 2669-0535). DOI: 10.15388/LMITT.2024.13. [DB: DOAJ; ERIH Plus]
8. **Petkutė, Donata; Korvel, Gražina.** Draudimo sektoriaus klientų atsiliepimų ir vertinimų nuotaikų kaitos analizė laike // Lietuvos magistrantų informatikos ir IT tyrimai: konferencijos darbai, 2024 m. gegužės 10 d. Vilnius : Vilniaus universiteto leidykla. eISSN 2783-784X. 2024, p. 106-114. (Vilnius University Open Series, eISSN 2669-0535). DOI: 10.15388/LMITT.2024.15. [DB: ERIH Plus; DOAJ]
9. Zapkus, Dovydas Marius; **Slotkienė, Asta.** Unit test generation using large language models: a systematic literature review // Lietuvos magistrantų informatikos ir IT tyrimai: konferencijos darbai, 2024 m. gegužės 10 d. Vilnius : Vilniaus universiteto leidykla / Vilnius University Press. eISSN 2783-784X. 2024, p. 136-144. (Vilnius University Open Series, eISSN 2669-0535). DOI: 10.15388/LMITT.2024.20. [DB: ERIH Plus; DOAJ]
10. **Zaranka, Paulius; Korvel, Gražina.** Propagandos atpažinimas lietuviškame tekste naudojant transformeriais pagrįstus, iš anksto apmokytus daugiakalbius modelius // Lietuvos magistrantų informatikos ir IT tyrimai: konferencijos darbai, 2024 m. gegužės 10 d. Vilnius : Vilniaus universiteto leidykla. eISSN 2783-784X. 2024, p. 154-159. (Vilnius University Open Series, eISSN 2669-0535). DOI: 10.15388/LMITT.2024.22. [DB: ERIH Plus; DOAJ]

1.6. Kituose recenzuojamuose mokslo leidiniuose paskelbti straipsniai

1. Balas, Valentina Emilia; **Dzemyda, Gintautas;** Belciug, Smaranda; Kacprzyk, Janusz. Preface // Decision making and decision support in the information era. Dedicated to academician Florin Filip / Balas, V. E., Dzemyda, G., Belciug, S., Kacprzyk, J. (eds.). Cham : Springer, 2024. ISBN 9783031621574. eISBN 9783031621581. p. v-xi. (Studies in systems, decision and control, ISSN 2198-4182, eISSN 2198-4190 ; vol. 534). DOI: 10.1007/978-3-031-62158-1.
2. Cristea, Irina; Siarry, Patrick; **Dzemyda, Gintautas;** Rogovchenko, Yuriy. Preface to the special issue “State-of-the-Art Mathematical Applications in Europe” : [editorial] // Mathematics. Basel : MDPI. eISSN 2227-7390. 2024, vol. 12, iss. 14, art. no. 2161, p. [1-3]. DOI: 10.3390/math12142161. [DB: Science Citation Index Expanded (Web of Science); Scopus]
3. **Otera, Daniele Ettore.** Preface to “Geometry and topology with applications” : [editorial] // Mathematics. Basel : MDPI. eISSN 2227-7390. 2024, vol. 12, iss. 21, art. no. 3370, p. [1-4]. DOI: 10.3390/math12213370. [DB: Science Citation Index Expanded (Web of Science); Scopus]
4. **Stupurienė, Gabrielė;** Perednyčė, Gintarė. Fostering AI literacy in primary education // Informatics in Schools: 17th international conference on informatics in schools: situation, evolution and perspective, ISSEP 2024 local proceedings, Budapest, Hungary, October 28-30, 2024. Budapest : ELTE Informatikai Kar, 2024. ISBN 9789634897460. p. 162-165. Prieiga per internetą: <<https://drive.google.com/file/d/1oibYbA0sqqKqzByDcXkM9cTIK2v4VtTq/view>>.

3. TEZĖS

1. **Aidokas, Linas.** The potential of humanoid robots for children with autism spectrum disorders: a preliminary study // DAMSS: 15th conference on data analysis methods for software systems, Druskininkai, Lithuania, November 28-30, 2024. Vilnius : Vilniaus universiteto leidykla, 2024. eISBN 9786090711125. p. 8-9. (Vilnius University Proceedings, eISSN 2669-0233 ; vol. 52). DOI: 10.15388/DAMSS.15.2024. [DB: Dimensions]
2. Bernatonytė, Ernesta; **Vaišnorė, Ramunė;** Šaulytė Trakymienė, Sonata. Expanding intravenous iron options in paediatric patients: safety and efficacy assessment at Vilnius University Hospital Santaros Clinics // NOPHO 2024:

Nordic Society of Pediatric Hematology and Oncology conference, 03-06.05.2024 Tallinn, Estonia : abstract book. Tallinn : NOPHO. 2024, p. 21. Prieiga per internetą: <https://conference-expert-nopho2024.github.io/archive/content/uploads/abstracts/nopho2024/nopho2024_abstracts.pdf>.

3. **Breskuvienė, Dalia; Dzemyda, Gintautas.** Highly imbalanced data case: pattern-guided feature selection to detect financial fraud // DAMSS: 15th conference on data analysis methods for software systems, Druskininkai, Lithuania, November 28-30, 2024. Vilnius : Vilniaus universiteto leidykla, 2024. eISBN 9786090711125. p. 12-13. (Vilnius University Proceedings, eISSN 2669-0233 ; vol. 52). DOI: 10.15388/DAMSS.15.2024. [DB: Dimensions]
4. **Budžys, Arnoldas; Medvedev, Viktor; Kurasova, Olga.** Enhancing cybersecurity using keystroke dynamics and data fusion techniques // DAMSS: 15th conference on data analysis methods for software systems, Druskininkai, Lithuania, November 28-30, 2024. Vilnius : Vilniaus universiteto leidykla, 2024. eISBN 9786090711125. p. 14. (Vilnius University Proceedings, eISSN 2669-0233 ; vol. 52). DOI: 10.15388/DAMSS.15.2024. [DB: Dimensions]
5. **Dastgeer, Sobia; Treigys, Povilas.** Transforming black-box models into explainable AI for breast cancer recognition // DAMSS: 15th conference on data analysis methods for software systems, Druskininkai, Lithuania, November 28-30, 2024. Vilnius : Vilniaus universiteto leidykla, 2024. eISBN 9786090711125. p. 19-20. (Vilnius University Proceedings, eISSN 2669-0233 ; vol. 52). DOI: 10.15388/DAMSS.15.2024. [DB: Dimensions]
6. **Dautartas, Juozas; Budžys, Arnoldas; Jomantas, Haroldas; Kurasova, Olga; Medvedev, Viktor.** Red team tactics against malware detection using adversarial attacks // DAMSS: 15th conference on data analysis methods for software systems, Druskininkai, Lithuania, November 28-30, 2024. Vilnius : Vilniaus universiteto leidykla, 2024. eISBN 9786090711125. p. 21-22. (Vilnius University Proceedings, eISSN 2669-0233 ; vol. 52). DOI: 10.15388/DAMSS.15.2024. [DB: Dimensions]
7. **Deinoravičiūtė, Urtė; Markevičiūtė, Jurgita; Treigys, Povilas.** Cointegration of functional time series // DAMSS: 15th conference on data analysis methods for software systems, Druskininkai, Lithuania, November 28-30, 2024. Vilnius : Vilniaus universiteto leidykla, 2024. eISBN 9786090711125. p. 23-24. (Vilnius University Proceedings, eISSN 2669-0233 ; vol. 52). DOI: 10.15388/DAMSS.15.2024. [DB: Dimensions]
8. **Donaire, Laura María; Ortega, Gloria Ortega; Orts, Francisco; Garzón, Ester Martín; Filatovas, Ernestas.** Quantum machine learning for liver disease prediction // DAMSS: 15th conference on data analysis methods for software systems, Druskininkai, Lithuania, November 28-30, 2024. Vilnius : Vilniaus universiteto leidykla, 2024. eISBN 9786090711125. p. 89-90. (Vilnius University Proceedings, eISSN 2669-0233 ; vol. 52). DOI: 10.15388/DAMSS.15.2024. [DB: Dimensions]
9. **Gipiškis, Rokas; Kurasova, Olga.** Investigating post-hoc explainability techniques for image segmentation // DAMSS: 15th conference on data analysis methods for software systems, Druskininkai, Lithuania, November 28-30, 2024. Vilnius : Vilniaus universiteto leidykla, 2024. eISBN 9786090711125. p. 33. (Vilnius University Proceedings, eISSN 2669-0233 ; vol. 52). DOI: 10.15388/DAMSS.15.2024. [DB: Dimensions]
10. **Jakaitienė, Audronė; Ringienė, Laura; Dukynaitė, Rita; Želvys, Rimantas.** ES ir EEE šalių tarptautinio skaitymo gebėjimų tyrimo PIRLS mokinių pasiekimų atotrūkio įvertinimas ir analizė 2001–2021 // Lietuvos matematikų draugijos LXV konferencijos santraukos, birželio 27–28 d., Šiauliai, 2024. Vilnius : Vilniaus universiteto leidykla, 2024, p. 70. Prieiga per internetą: <https://www.lmd2024.sa.vu.lt/wp-content/uploads/2024/06/LMD_65_tezes.pdf>.
11. **Jakaitienė, Audronė; Ringienė, Laura; Stupurienė, Gabrielė; Dukynaitė, Rita; Želvys, Rimantas.** Does achievement gap correlate with average performance? Case of PIRLS // EWEPa Algarve 2024. XVIII European workshop on efficiency and productivity analysis, Faro, June 18-21, 2024 : book of abstracts. Algarve : Universidade do Algarve. 2024, p. 82. Prieiga per internetą: <https://www.ewepa.org/images/abstracts/ewepa2024_book-of-abstracts_v3_27062024.pdf>.
12. **Jevsikova, Tatjana.** Critical thinking in informatics education: developing computational thinking // International multidisciplinary conference Nurturing critical minds: interdisciplinary perspectives in education and the workforce, 27–28 June 2024 Vilnius University, Faculty of Philology : abstracts. Vilnius : Vilniaus universitetas. 2024, p. 48. Prieiga per internetą: <<https://www.criticalminds.flf.vu.lt/component/speventum/speaker/66-tatjana-jevsikova?Itemid=144>>.
13. **Klimašauskas, Oskaras.** Applying reinforcement learning to successfully drive a car around a track // DAMSS: 15th conference on data analysis methods for software systems, Druskininkai, Lithuania, November 28-30, 2024. Vilnius : Vilniaus universiteto leidykla, 2024. eISBN 9786090711125. p. 49. (Vilnius University Proceedings, eISSN 2669-0233 ; vol. 52). DOI: 10.15388/DAMSS.15.2024. [DB: Dimensions]
14. **Kutka, Eduardas; Bernatavičienė, Jolita.** High-Performance Computing in science // DAMSS: 15th conference on

data analysis methods for software systems, Druskininkai, Lithuania, November 28-30, 2024. Vilnius : Vilniaus universiteto leidykla, 2024. eISBN 9786090711125. p. 58. (Vilnius University Proceedings, eISSN 2669-0233 ; vol. 52). DOI: 10.15388/DAMSS.15.2024. [DB: Dimensions]

15. **Lančinskas, Algirdas**; Fernández, Pascual; **Žilinskas, Julius**. Robust facility location under uncertainty in customer behavior // DAMSS: 15th conference on data analysis methods for software systems, Druskininkai, Lithuania, November 28-30, 2024. Vilnius : Vilniaus universiteto leidykla, 2024. eISBN 9786090711125. p. 60. (Vilnius University Proceedings, eISSN 2669-0233 ; vol. 52). DOI: 10.15388/DAMSS.15.2024. [DB: Dimensions]
16. **Mikalkėnienė, Gajane**; **Rimšelis, Jonas Mindaugas**; **Bernatavičienė, Jolita**. Impact of data preprocessing on EEG signal classification using adjacency matrices // 16th international conference of the Lithuanian Neuroscience Association, 29th November 2024, Life Sciences Center, Vilnius, Lithuania. Vilnius : Vilniaus universiteto leidykla, 2024. eISBN 9786090711118. p. 55. Prieiga per internetą: <https://www.neuromokslai.lt/wp-content/uploads/2024/11/LNA_tezes_2024-Final.pdf>.
17. **Miliauskaitė, Jolanta**; **Slotkienė, Asta**; Gomes, Luis Mendes. Social factors affecting internal stakeholders' perceptions of software product quality characteristics // DAMSS: 15th conference on data analysis methods for software systems, Druskininkai, Lithuania, November 28-30, 2024. Vilnius : Vilniaus universiteto leidykla, 2024. eISBN 9786090711125. p. 98-99. (Vilnius University Proceedings, eISSN 2669-0233 ; vol. 52). DOI: 10.15388/DAMSS.15.2024. [DB: Dimensions]
18. Morkūnaitė, Agnė; **Vaišnorė, Ramunė**; Saulyte Trakymiene, Sonata. Evaluation of intravenous iron therapy effectiveness in paediatric female patients with menorrhagia // NOPHO 2024: Nordic Society of Pediatric Hematology and Oncology conference, 03-06.05.2024 Tallinn, Estonia : abstract book. Tallinn : NOPHO. 2024, p. 17-18. Prieiga per internetą: <https://conference-expert-nopho2024.github.io/archive/content/uploads/abstracts/nopho2024/nopho2024_abstracts.pdf>.
19. **Naudžiūnas, Tautvydas**; **Perminaitė, Guoda**; **Treigys, Povilas**. Exploring techniques for diffraction ring detection in molecular research // DAMSS: 15th conference on data analysis methods for software systems, Druskininkai, Lithuania, November 28-30, 2024. Vilnius : Vilniaus universiteto leidykla, 2024. eISBN 9786090711125. p. 111. (Vilnius University Proceedings, eISSN 2669-0233 ; vol. 52). DOI: 10.15388/DAMSS.15.2024. [DB: Dimensions]
20. **Navickas, Gediminas**; Raškinis, Gailius; Mikulėnienė, Danguolė; Kardelis, Vytautas; **Makauskaitė, Indrė**; Kasparaitis, Pijus; Beniušė, Margarita; **Vėbra, Laimonas**; **Tolomanovas, Steponas**; Kazlauskienė, Asta; Milčiuvienė, Saulė; **Korvel, Gražina**. Development of a Large Lithuanian Speech Corpus for speech recognition, artificial intelligence, and other innovative language technologies // DAMSS: 15th conference on data analysis methods for software systems, Druskininkai, Lithuania, November 28-30, 2024. Vilnius : Vilniaus universiteto leidykla, 2024. eISBN 9786090711125. p. 74-75. (Vilnius University Proceedings, eISSN 2669-0233 ; vol. 52). DOI: 10.15388/DAMSS.15.2024. [DB: Dimensions]
21. Neaman, Miriam; Bell, Mika; Deek, Jasline; Haldar, Rita; Manor, Amit; Moshe, Yakir; Avivi, Irit Mazza; Mittelman, Moshe; Vitkon, Roy; Levi, Mor; Gat, Roi; Fridberg, Gil; Birov, Natalia; Daukėlaitė, Guoda; **Šablauskas, Karolis**; Černovas, Andrejus; Žučenka, Andrius; Vaitekėnaitė, Vilmantė; Kastritis, Efstathios; Papajik, Tomas; Kriegova, Eva; Cernan, Martin; Dyskova, Tereza; Ebenstein, Yuval. Targeted, low cost epigenetic microarray for aml and mds detection // Blood: 66th ASH annual meeting abstracts. Washington : American Society of Hematology. Published by Elsevier Inc. ISSN 0006-4971. eISSN 1528-0020. 2024, vol. 144, suppl. 1, p. 6142-6143. DOI: 10.1182/blood-2024-208540. [DB: Science Citation Index Expanded (Web of Science); Conference Proceedings Citation Index - Science (Web of Science)]
22. Pupalaiģė, Kristina; **Sapagovas, Mifodijus**. On the convergence of the difference scheme for nonlinear parabolic equation with integral boundary condition // MMA2024: 27th international conference "Mathematical modelling and analysis", May 28-31, 2024, Parnu, Estonia: conference programme & abstracts. Tartu : Estonian Mathematical Society, 2024. ISBN 9789916424537. p. 51.
23. **Ramonaitė, Justina**; **Korvel, Gražina**. Wave-U-Net modelio pritaikymas šnekos signalo gerinimui triukšmingoje aplinkoje: blokų skaičiaus optimizavimo tyrimas ir jų įtaka šnekos signalo kokybei bei suprantamumui // Lietuvos matematikų draugijos LXV konferencijos santraukos, Birželio 27–28 d., Šiauliai / Vilniaus universiteto Šiaulių akademija. Vilnius : Vilniaus universiteto leidykla. 2024, p. 91. Prieiga per internetą: <https://www.lmd2024.sa.vu.lt/wp-content/uploads/2024/06/LMD_65_tezes.pdf>.
24. **Rimšelis, Jonas Mindaugas**; **Mikalkėnienė, Gajane**; **Bernatavičienė, Jolita**. Comparative evaluation of adjacency matrix applications for EEG signal classification tasks // DAMSS: 15th conference on data analysis methods for software systems, Druskininkai, Lithuania, November 28-30, 2024. Vilnius : Vilniaus universiteto leidykla, 2024. eISBN 9786090711125. p. 84. (Vilnius University Proceedings, eISSN 2669-0233 ; vol. 52). DOI: 10.15388

25. **Rizgelienė, Ieva.** Lithuanian textual corpus development for propaganda and propaganda techniques detection // 1st UniDive training school, Chişinău, Moldova, 8-12 July 2024. Chişinău : Technical University of Moldova. 2024, p. [1]. Prieiga per internetą: <https://unidive.lisn.upsaclay.fr/lib/exe/fetch.php?media=posser_rizgeliene.pdf>.
26. **Sabaliauskas, Darius.** Analysis of the concept of reasoning // DAMSS: 15th conference on data analysis methods for software systems, Druskininkai, Lithuania, November 28-30, 2024. Vilnius : Vilniaus universiteto leidykla, 2024. eISBN 9786090711125. p. 85-86. (Vilnius University Proceedings, eISSN 2669-0233 ; vol. 52). DOI: 10.15388/DAMSS.15.2024. [DB: Dimensions]
27. **Sabaliauskas, Martynas; Belovas, Igoris; Čepaitytė, Rugilė.** Exploring the distribution of zeros of the prime zeta function: new insights through 3D visualization and statistical analysis // DAMSS: 15th conference on data analysis methods for software systems, Druskininkai, Lithuania, November 28-30, 2024. Vilnius : Vilniaus universiteto leidykla, 2024. eISBN 9786090711125. p. 87-88. (Vilnius University Proceedings, eISSN 2669-0233 ; vol. 52). DOI: 10.15388/DAMSS.15.2024. [DB: Dimensions]
28. Šaulytė Trakymienė, Sonata; Bernatonytė, Ernesta; **Vaišnorė, Ramunė.** Pediatric intravenous iron therapy: evaluating safety and efficacy of iron isomaltoside // EHA2024, June 13-16, Madrid : [posters presentations]. 2024, abstract no. P1555, p. 1-2. Prieiga per internetą: <https://library.ehaweb.org/eha/2024-congress/419642/sonata.saulyte.trakymiene.pediatric.intravenous.iron.therapy.evaluating.safety.html?f=menu%3D6%2Abrowseby%3D8%2Asortby%3D2%2Ace_id%3D2552%2Aot_id%3D29180%2Amarker%3D5101%2Afeatured%3D18527>.
29. **Stakauskas, Brendonas; Marcinkevičius, Virginijus.** Visualising SARS-CoV-2 phylogenetic relationships using protein language models // DAMSS: 15th conference on data analysis methods for software systems, Druskininkai, Lithuania, November 28-30, 2024. Vilnius : Vilniaus universiteto leidykla, 2024. eISBN 9786090711125. p. 104-105. (Vilnius University Proceedings, eISSN 2669-0233 ; vol. 52). DOI: 10.15388/DAMSS.15.2024. [DB: Dimensions]
30. Štikonas, Artūras; **Sapagovas, Mifodijus.** Discrete Sturm-Liouville Problem for two-dimensional elliptic equation with the multiple integral in nonlocal condition // Mathematical modelling and analysis [MMA2024] : 27th international conference, May 28–31, 2024, Parnu, Estonia : conference programme & abstracts. Tartu : Eesti Matemaatika Selts, 2024. ISBN 9789916424537. p. 62. Prieiga per internetą: <https://sisu.ut.ee/wp-content/uploads/sites/667/MMA2024_BookOfAbstracts.pdf>.
31. **Stumbrienė, Dovilė.** Different strategies to improve national performance toward the European education area strategic framework // 9th LEER conference on Education Economics, March 28-29, 2024, Leuven : book of abstracts. Leuven. 2024, p. 17-18. Prieiga per internetą: <<https://feb.kuleuven.be/drc/LEER/map-leer-conference-2024/book-of-abstracts/view>>.
32. **Stumbrienė, Dovilė;** Ruiz, Jose L.; Sirvent, Inmaculada. Benchmarking in education: Improving performance toward the defined goals instead of (re)producing social categories of winners and losers // EWEPAlgarve 2024. XVIII European workshop on Efficiency and Productivity Analysis, Faro, June 18-21, 2024. Faro : Universidade do Algarve Faculdade de Economia. 2024, p. 81-82. Prieiga per internetą: <https://www.ewepa.org/images/abstracts/ewepa2024_book-of-abstracts_v3_27062024.pdf>.
33. **Stupurienė, Gabrielė.** STE(A)M teachers: collaborative practice and competence development // STEM education 2024 [the third conference 28.–29. November 2024, České Budějovice]. České Budějovice : University of South Bohemia. 2024, p. [1]. Prieiga per internetą: <<https://home.pf.jcu.cz/~stem/2024/en/steam-teachers-collaborative-practice-and-competence-development/>>.
34. Švaikevičienė, Kristina; **Puronaitė, Roma;** Kasiulevičius, Vytautas; **Jakaitienė, Audronė.** Chronic disease prevalence and clusters in Lithuanian diabetics // Evoliucinė medicina: kaip evoliucinis mąstymas gali prisidėti prie medicinos ir sveikatos mokslų raidos: šeštoji tarptautinė konferencija, 2024 m. birželio mėn. 18-21 d., Vilniaus universitetas, Lietuva = Evolutionary medicine: how evolutionary thinking can contribute to the medical and health sciences: the 6th international conference, 18th-21st of June, 2024, Vilnius University, Lithuania. Vilnius. 2024, p. 65. Prieiga per internetą: <https://www.evomed.mf.vu.lt/images/EvolMed_2024__Abstract_book.pdf>.
35. **Treigys, Povilas;** Karlauskas, Kasparas. Geometry and deep learning-based methods comparison for segmentation of trees in aerial laser scan point clouds // Euro 2024: 33rd European conference on operational research (EURO XXXIII), Copenhagen, Denmark, June 30 - July 3, 2024 : conference program. Copenhagen : DIS Congress, 2024. ISBN 9788793458260. p. 256. Prieiga per internetą: <<https://www.euro-online.org/conf/admin/tmp/program-euro33.pdf>>.

36. Trinkūnas, Justas; **Puronaitė, Roma**; Jacotot, Laurent; Woodward, Mike; Morkūnas, Mindaugas. Information system architecture of the Lithuanian National Biobanking infrastructure // DAMSS: 15th conference on data analysis methods for software systems, Druskininkai, Lithuania, November 28-30, 2024. Vilnius : Vilniaus universiteto leidykla, 2024. eISBN 9786090711125. p. 116-117. (Vilnius University Proceedings, eISSN 2669-0233 ; vol. 52). DOI: 10.15388/DAMSS.15.2024. [DB: Dimensions]
37. Veitaitė, Ilona; Lopata, Audrius; **Gudas, Saulius**. Visual representations in financial process mining // DAMSS: 15th conference on data analysis methods for software systems, Druskininkai, Lithuania, November 28-30, 2024. Vilnius : Vilniaus universiteto leidykla, 2024. eISBN 9786090711125. p. 118-119. (Vilnius University Proceedings, eISSN 2669-0233 ; vol. 52). DOI: 10.15388/DAMSS.15.2024. [DB: Dimensions]
38. Venskus, Julius; Jurkus, Robertas; **Treigys, Povilas**. A complex network approach to marine traffic interaction modeling: feature extraction for real-time traffic awareness // DAMSS: 15th conference on data analysis methods for software systems, Druskininkai, Lithuania, November 28-30, 2024. Vilnius : Vilniaus universiteto leidykla, 2024. eISBN 9786090711125. p. 120. (Vilnius University Proceedings, eISSN 2669-0233 ; vol. 52). DOI: 10.15388/DAMSS.15.2024. [DB: Dimensions]
39. **Vilčinskas, Dominykas; Voveris, Lukas; Bernatavičienė, Jolita**. Fault detection in solar power plants using energy production data // DAMSS: 15th conference on data analysis methods for software systems, Druskininkai, Lithuania, November 28-30, 2024. Vilnius : Vilniaus universiteto leidykla, 2024. eISBN 9786090711125. p. 121-122. (Vilnius University Proceedings, eISSN 2669-0233 ; vol. 52). DOI: 10.15388/DAMSS.15.2024. [DB: Dimensions]
40. **Vitkauskaitė, Akvilė; Čiginas, Andrius**. Integrating social media and administrative data for the real-time prediction of the consumer confidence indicator // 11th European conference on quality in official statistics (Q2024), Estoril, Portugal, [4-7 June 2024] : abstracts. Estoril. 2024, p. 63. Prieiga per internetą: <https://drive.google.com/file/d/1Blxlb80Vth4ono1gdgY289t4_FMxB-J9/view>.
41. **Zakševski, Daniel; Tamulevičius, Gintautas**. Are we able to model the human auditory system in speech signal enhancement? // DAMSS: 15th conference on data analysis methods for software systems, Druskininkai, Lithuania, November 28-30, 2024. Vilnius : Vilniaus universiteto leidykla, 2024. eISBN 9786090711125. p. 132. (Vilnius University Proceedings, eISSN 2669-0233 ; vol. 52). DOI: 10.15388/DAMSS.15.2024. [DB: Dimensions]
42. **Zapkus, Dovydas Marius; Slotkienė, Asta**. Quality assessment of LLM models generated unit tests: quality metrics completeness from code-aware perspective // DAMSS: 15th conference on data analysis methods for software systems, Druskininkai, Lithuania, November 28-30, 2024. Vilnius : Vilniaus universiteto leidykla, 2024. eISBN 9786090711125. p. 126-127. (Vilnius University Proceedings, eISSN 2669-0233 ; vol. 52). DOI: 10.15388/DAMSS.15.2024. [DB: Dimensions]
43. Žebrauskienė, Dovilė; Sadauskienė, Eglė; **Puronaitė, Roma**; Masiulienė, Rūta; Kundelis, Ričardas; Barysienė, Jūratė; **Jakaitienė, Audronė**; Preikšaitienė, Eglė. Genotype-phenotype relationship in hypertrophic cardiomyopathy // European heart journal: ESC Congress 2024 30 August – 02 September London, UK : abstract supplement. Oxford : Oxford University Press (OUP). ISSN 0195-668X. eISSN 1522-9645. 2024, vol. 45, suppl. 1, abstract no. ehae666.2050, p. [1]. DOI: 10.1093/eurheartj/ehae666.2050. [DB: Conference Proceedings Citation Index - Science (Web of Science)]
44. **Žiliajevas, Faustas; Ramonaitė, Justina; Zakševski, Daniel; Korvel, Gražina; Tamulevičius, Gintautas**. Noise dataset for deep learning-based speech enhancement // DAMSS: 15th conference on data analysis methods for software systems, Druskininkai, Lithuania, November 28-30, 2024. Vilnius : Vilniaus universiteto leidykla, 2024. eISBN 9786090711125. p. 133. (Vilnius University Proceedings, eISSN 2669-0233 ; vol. 52). DOI: 10.15388/DAMSS.15.2024. [DB: Dimensions]
45. **Žygas, Aidis; Korvel, Gražina**. An overview of the machine learning algorithms used for music source separation // DAMSS: 15th conference on data analysis methods for software systems, Druskininkai, Lithuania, November 28-30, 2024. Vilnius : Vilniaus universiteto leidykla, 2024. eISBN 9786090711125. p. 134. (Vilnius University Proceedings, eISSN 2669-0233 ; vol. 52). DOI: 10.15388/DAMSS.15.2024. [DB: Dimensions]

4. MONOGRAFIJOS IR JŲ DALYS

1. Gulla, Aistė; Jakiūnaitė, Ieva; Strupas, Kęstutis; **Juchnevičiūtė, Ivona; Dzemyda, Gintautas**. Surgical decision making in a successful liver allograft survival: problem state // Decision making and decision support in the

information era. Dedicated to academician Florin Filip / Balas, V.E., Dzemyda, G., Belciug, S., Kacprzyk, J. (eds.). Cham : Springer, 2024. ISBN 9783031621574. eISBN 9783031621581. p. 185-202. (Studies in systems, decision and control, ISSN 2198-4182, eISSN 2198-4190 ; vol. 534). DOI: 10.1007/978-3-031-62158-1_11. [DB: Scopus]

8. KITOS KNYGOS IR JŪ DALYS

1. Balas, Valentina Emilia (redaktorius); **Dzemyda, Gintautas (redaktorius)**; Belciug, Smaranda (redaktorius); Kacprzyk, Janusz (redaktorius). Decision making and decision support in the information era. Dedicated to academician Florin Filip / editors: Valentina Emilia Balas, Gintautas Dzemyda, Smaranda Belciug, Janusz Kacprzyk. Cham : Springer, 2024. 394 p. (Studies in systems, decision and control, ISSN 2198-4182, eISSN 2198-4190 ; vol. 534). ISBN 9783031621574. eISBN 9783031621581. DOI: 10.1007/978-3-031-62158-1.
2. **Lupeikienė, Audronė (redaktorius)**; Ralytė, Jolita (redaktorius); **Dzemyda, Gintautas (redaktorius)**. Digital business and intelligent systems: 16th International Baltic conference, Baltic DB&IS 2024, Vilnius, Lithuania, June 30 – July 3, 2024 : proceedings. Cham : Springer, 2024. XXII, 247 p. (Communications in Computer and Information Science, ISSN 1865-0929, eISSN 1865-0937 ; vol. 2157). ISBN 9783031635427. eISBN 9783031635434. DOI: 10.1007/978-3-031-63543-4. [DB: SpringerLink]
3. **Lupeikienė, Audronė (redaktorius)**; Ralytė, Jolita (redaktorius); Kalibatiienė, Diana (redaktorius); Robal, Tarmo (redaktorius); **Dzemyda, Gintautas (redaktorius)**. Joint Proceedings of Baltic DB&IS Conference Forum and Doctoral Consortium 2024 co-located with 16th International Baltic Conference on Digital Business and Intelligent Systems (Baltic DB&IS 2024), 30 June – 03 July, Vilnius, Lithuania. Aachen : CEUR-WS, 2024. 136 p. (CEUR-WS Proceedings, ISSN 1613-0073). Prieiga per internetą: <<https://ceur-ws.org/Vol-3698/>>.
4. Rocha, Alvaro (redaktorius); Adeli, Hojjat (redaktorius); **Dzemyda, Gintautas (redaktorius)**; Moreira, Fernando (redaktorius); Colla, Valentina (redaktorius). Information systems and technologies: WorldCIST 2023, Volume 1 / editors: Alvaro Rocha, Hojjat Adeli, Gintautas Dzemyda, Fernando Moreira, Valentina Colla. Cham : Springer, 2024. XXII, 601 p. (Lecture Notes in Networks and Systems, ISSN 2367-3370, eISSN 2367-3389 ; vol. 799). ISBN 9783031456411. eISBN 9783031456428. DOI: 10.1007/978-3-031-45642-8.
5. Rocha, Alvaro (redaktorius); Adeli, Hojjat (redaktorius); **Dzemyda, Gintautas (redaktorius)**; Moreira, Fernando (redaktorius); Colla, Valentina (redaktorius). Information systems and technologies: WorldCIST 2023, Volume 2 / editors: Alvaro Rocha, Hojjat Adeli, Gintautas Dzemyda, Fernando Moreira, Valentina Colla. Cham : Springer, 2024. XXIII, 681 p. (Lecture notes in networks and systems, ISSN 2367-3370, eISSN 2367-3389 ; vol. 800). ISBN 9783031456442. eISBN 9783031456459. DOI: 10.1007/978-3-031-45645-9.
6. Rocha, Alvaro (redaktorius); Adeli, Hojjat (redaktorius); **Dzemyda, Gintautas (redaktorius)**; Moreira, Fernando (redaktorius); Colla, Valentina (redaktorius). Information systems and technologies: WorldCIST 2023, Volume 3 / editors: Alvaro Rocha, Hojjat Adeli, Gintautas Dzemyda, Fernando Moreira, Valentina Colla. Cham : Springer, 2024. XXI, 467 p. (Lecture notes in networks and systems, ISSN 2367-3370, eISSN 2367-3389 ; vol. 801). ISBN 9783031456473. eISBN 9783031456480. DOI: 10.1007/978-3-031-45648-0.
7. Rocha, Alvaro (redaktorius); Adeli, Hojjat (redaktorius); **Dzemyda, Gintautas (redaktorius)**; Moreira, Fernando (redaktorius); Colla, Valentina (redaktorius). Information systems and technologies: WorldCIST 2023, Volume 4 / editors: Alvaro Rocha, Hojjat Adeli, Gintautas Dzemyda, Fernando Moreira, Valentina Colla. Cham : Springer, 2024. XXI, 454 p. (Lecture notes in networks and systems, ISSN 2367-3370, eISSN 2367-3389 ; vol. 802). ISBN 9783031456503. eISBN 9783031456510. DOI: 10.1007/978-3-031-45651-0.
8. Rocha, Álvaro (redaktorius); Adeli, Hojjat (redaktorius); **Dzemyda, Gintautas (redaktorius)**; Moreira, Fernando (redaktorius); Poniszewska-Marańda, Aneta (redaktorius). Good practices and new perspectives in information systems and technologies: WorldCIST 2024, Volume 1 / Editors: Álvaro Rocha, Hojjat Adeli, Gintautas Dzemyda, Fernando Moreira, Aneta Poniszewska-Marańda. Cham : Springer, 2024. xxi, 228 p. (Lecture notes in networks and systems, ISSN 2367-3370, eISSN 2367-3389 ; vol. 985). ISBN 9783031602146. eISBN 9783031602153. DOI: 10.1007/978-3-031-60215-3. [DB: SpringerLink]
9. Rocha, Álvaro (redaktorius); Adeli, Hojjat (redaktorius); **Dzemyda, Gintautas (redaktorius)**; Moreira, Fernando (redaktorius); Poniszewska-Marańda, Aneta (redaktorius). Good practices and new perspectives in information systems and technologies: WorldCIST 2024, Volume 2 / Editors: Álvaro Rocha, Hojjat Adeli, Gintautas Dzemyda, Fernando Moreira, Aneta Poniszewska-Marańda. Cham : Springer, 2024. xxi, 274 p. (Lecture notes in networks and systems, ISSN 2367-3370, eISSN 2367-3389 ; vol. 986). ISBN 9783031602177. eISBN 9783031602184. DOI: 10.1007/978-3-031-60218-4. [DB: SpringerLink]

10. Rocha, Álvaro (redaktorius); Adeli, Hojjat (redaktorius); **Dzemyda, Gintautas (redaktorius)**; Moreira, Fernando (redaktorius); Poniszewska-Marańda, Aneta (redaktorius). Good practices and new perspectives in information systems and technologies: WorldCIST 2024, Volume 3 / Editors: Álvaro Rocha, Hojjat Adeli, Gintautas Dzemyda, Fernando Moreira, Aneta Poniszewska-Marańda. Cham : Springer, 2024. xxiii, 485 p. (Lecture notes in networks and systems, ISSN 2367-3370, eISSN 2367-3389 ; vol. 987). ISBN 9783031602207. eISBN 9783031602214. DOI: 10.1007/978-3-031-60221-4. [DB: SpringerLink]
11. Rocha, Álvaro (redaktorius); Adeli, Hojjat (redaktorius); **Dzemyda, Gintautas (redaktorius)**; Moreira, Fernando (redaktorius); Poniszewska-Marańda, Aneta (redaktorius). Good practices and new perspectives in information systems and technologies: WorldCIST 2024, Volume 4 / editors: Álvaro Rocha, Hojjat Adeli, Gintautas Dzemyda, Fernando Moreira, Aneta Poniszewska-Marańda. Cham : Springer, 2024. xxi, 218 p. (Lecture notes in networks and systems, ISSN 2367-3370, eISSN 2367-3389 ; vol. 988). ISBN 9783031602238. eISBN 9783031602245. DOI: 10.1007/978-3-031-60224-5.
12. Rocha, Álvaro (redaktorius); Adeli, Hojjat (redaktorius); **Dzemyda, Gintautas (redaktorius)**; Moreira, Fernando (redaktorius); Poniszewska-Marańda, Aneta (redaktorius). Good practices and new perspectives in information systems and technologies: WorldCIST 2024, Volume 5 / editors: Álvaro Rocha, Hojjat Adeli, Gintautas Dzemyda, Fernando Moreira, Aneta Poniszewska-Marańda. Cham : Springer, 2024. xxi, 310 p. (Lecture notes in networks and systems, ISSN 2367-3370, eISSN 2367-3389 ; vol. 989). ISBN 9783031602269. eISBN 9783031602276. DOI: 10.1007/978-3-031-60227-6.
13. Rocha, Álvaro (redaktorius); Adeli, Hojjat (redaktorius); **Dzemyda, Gintautas (redaktorius)**; Moreira, Fernando (redaktorius); Poniszewska-Marańda, Aneta (redaktorius). Good practices and new perspectives in information systems and technologies: WorldCIST 2024, Volume 6 / editors: Álvaro Rocha, Hojjat Adeli, Gintautas Dzemyda, Fernando Moreira, Aneta Poniszewska-Marańda. Cham : Springer, 2024. xxiii, 384 p. (Lecture notes in networks and systems, ISSN 2367-3370, eISSN 2367-3389 ; vol. 990). ISBN 9783031603273. eISBN 9783031603280. DOI: 10.1007/978-3-031-60328-0.

14. KITOS PUBLIKACIJOS

1. **Čiapas, Bernardas**. Barcodeless food products recognition for retail self-checkout service = Maisto produktų be brūkšninio kodo atpažinimas savitarnos kasose. Vilnius : Vilniaus universiteto leidykla, 2024. 160 p. DOI: 10.15388/vu.thesis.662. Prieiga per internetą: <<https://talpykla.elaba.lt/elaba-fedora/objects/elaba:207996068/datastreams/MAIN/content>> [žiūrėta 2024-10-02].
2. **Klimašauskas, Oskaras (tyrėjas); Dzemyda, Gintautas (tyrimo ats. vykdytojas)**. Vairavimo maršruto skaičiavimo, grindžiamo skatinamuoju mokymusi, vizualios aplinkos kūrimas = Developing a visual environment for driving route computing based on reinforcement learning. Vilnius, 2024. 1 failas. Prieiga per internetą: <<https://midas.lt/public-app.html#/research/overview?resourceId=250217&uuid=37836c01-860b-43a8-a960-391ba2542cd3>>.
3. **Noreika, Karolis**. Application software development process using an enhanced Agile project management method = Taikomųjų programų kūrimo procesas naudojant modifikuotą Agile projektų valdymo metodą. Vilnius : Vilniaus universiteto leidykla, 2024. 191 p. DOI: 10.15388/vu.thesis.663. Prieiga per internetą: <<https://talpykla.elaba.lt/elaba-fedora/objects/elaba:207969788/datastreams/MAIN/content>> [žiūrėta 2024-09-30].
4. **Stumbrienė, Dovilė (tyrėjas)**. Postsocialistinių ir senosios demokratijos ES šalių švietimo sistemų nelygybės vertinimas = The performance assessment of education systems in post-socialist and old democracy EU member states from the perspective of equity. Vilnius, 2024. 1 failas. Prieiga per internetą: <<https://midas.lt/public-app.html#/research/overview?resourceId=258373&uuid=3ecfb191-deaf-4efb-8bd8-29af41d50b5e>>.
5. **Tautvaišas, Saulius**. Scalable Bayesian global optimization of black-box functions = Bajeso metodai didelio masto juodosios dėžės globaliajam optimizavimui. Vilnius : Vilnius University Press, 2024. 136 p. DOI: 10.15388/vu.thesis.618. Prieiga per internetą: <<https://talpykla.elaba.lt/elaba-fedora/objects/elaba:201360466/datastreams/MAIN/content>> [žiūrėta 2024-07-03].