

ПЕРЕЛІК

штатних науково-педагогічних та наукових працівників, які працюють за основним місцем роботи не менше шести місяців і мають не менше п'яти наукових публікацій у періодичних виданнях, які на час публікації було включено до наукометричної бази Scopus або Web of Science Core Collection із переліком цих публікацій

№ з/п	Прізвище, ім'я, по батькові працівника ЗВО	ID працівника ЗВО у наукометричній базі	Назва та реквізити публікації (посилання)	Назва наукометричної бази
1.	Алтунін Сергій Ігорович	57200277141	Comparative Analysis of Noise and Dynamic Properties of High-Velocity Object Tracking Devices. Proceedings - 16th International Conference on Advanced Trends in Radioelectronics, Telecommunications and Computer Engineering, TCSET 2022, 2022, pp. 544–547 (DOI 10.1109/TCSET55632.2022.9766978)	Scopus
			Comparative analysis of the efficiency of detecting some amplitude-phase modulated signals in wireless communication systems. International Journal of Electronics and Telecommunications, 2019, 65(3), pp. 449–453 (DOI 10.24425/ijet.2019.129798)	
			Simulation and Experimental Research of the Enhanced BPSK and QPSK Demodulator. Proceedings - 15th International Conference on Advanced Trends in Radioelectronics, Telecommunications and Computer Engineering, TCSET 2020, 2020, pp. 767–770, 9088564 (DOI 10.1109/TCSET49122.2020.235538)	
			Simulation and Experimental Research of Software Implemented Phase-Locked Loop with Improved Noise Immunity. 2019 IEEE 20th International Conference on Computational Problems of Electrical Engineering, CPEE 2019, 2019, 8949164 (DOI 10.1109/CPEE47179.2019.8949164)	
			Comparative analysis of the efficiency of detecting some amplitude-phase modulated signals in wireless communication systems. International Journal of Electronics and Telecommunications, 2019, 65(3), pp. 449–453 (DOI 10.24425/ijet.2019.129798)	
2.	Андруник Василь Адамович	57202441589	Intellectual Analysis System Project for Ukrainian-language Artistic Works to Determine the Text Authorship Attribution Probability. International Scientific and Technical Conference on Computer Sciences and Information Technologies, 2023 (DOI 10.1109/CSIT61576.2023.10324012)	Scopus
			Designing an educational project with a social impact. International Scientific and Technical Conference on Computer Sciences and Information Technologies, 2023 (DOI 10.1109/CSIT61576.2023.10324227)	
			Recommender Systems Synthesis and Analysis for Goods and Services Sale with Cold Start Problem. International Scientific and Technical Conference on Computer Sciences and Information Technologies, 2023 (DOI 10.1109/CSIT61576.2023.10324089)	

			<p>Virtual Reality in Art Therapy for Children with Autism. CEUR Workshop Proceedings, 2023, 3426, pp. 514–525</p> <p>Information Technology for Foreign Languages Remote Learning with Adaptation to the User Based on Machine Learning. CEUR Workshop Proceedings, 2023, 3426, pp. 526–550</p>	
3.	Андрус'як Іванна Володимирівна	57191592942	<p>MINIMAL GROWTH OF ENTIRE FUNCTIONS WITH PRESCRIBED ZEROS OUTSIDE EXCEPTIONAL SETS. Matematychni Studii, 2022, 58(1), pp. 51–57 (DOI 10.30970/ms.58.1.51-57)</p> <p>Game task of ontological project coverage. CEUR Workshop Proceedings, 2021, 2851, pp. 344–355</p> <p>THE MINIMAL GROWTH OF ENTIRE FUNCTIONS WITH GIVEN ZEROS ALONG UNBOUNDED SETS. Matematychni Studii, 2020, 54(2), pp. 146–153 (DOI 10.30970/MS.54.2.146-153)</p> <p>Systems of powers of conformal mappings and conjugate systems of functions. Azerbaijan Journal of Mathematics, 2017, 7(2), pp. 3–20</p> <p>Coefficients of power expansion and a-points of an entire function with borel exceptional value. Ukrainian Mathematical Journal, 2016, 68(2), pp. 159–170 (DOI 10.1007/s11253-016-1215-4)</p>	Scopus
4.	Андрус'як Ірина Павлівна	57219107945	<p>THE GENDER PRINCIPLE IN LAW AS A GUARANTEE OF EQUALITY IN LEGAL REGULATION O PRINCÍPIO DE GÊNERO NO DIREITO COMO GARANTIA DE IGUALDADE NA REGULAÇÃO LEGAL. Revista Direito e Sexualidade, 2023, 4(1), pp. 125–149 (DOI 10.9771/rds.v4i1.53662)</p> <p>PROBLEM ISSUES REGARDING LEGAL LIABILITY FOR ENVIRONMENTAL OFFENSES IN UKRAINE Проблемні питання щодо юридичної відповідальності за екологічні правопорушення в Україні. Naukovyi Visnyk Natsionalnoho Hirnychoho Universytetu, 2023, (3), pp. 104–110 (DOI 10.33271/nvngu/2023-3/104)</p> <p>The Main Systemic Engineering Problems of Using Computer and Digital Technologies in Legal Activities in the Context of Ensuring Security. International Journal of Safety and Security Engineering, 2022, 12(5), pp. 597–602 (DOI 10.18280/ijss.120507)</p> <p>LEGAL SECURITY OF ENVIRONMENTAL SAFETY UNDER THE CONDITIONS OF MARITAL STATE IN UKRAINE. Naukovyi Visnyk Natsionalnoho Hirnychoho Universytetu, 2022, (5), pp. 110–115 (DOI 10.33271/nvngu/2022-5/110)</p> <p>The Influence of the Ruling Elite on Political Activity in the Conditions of Destructuring the Essence of the Philosophy of Law. Wisdom, 2021, 1(1), pp. 90–97 (DOI 10.24234/WISDOM.V1I1.603)</p>	Scopus
			<p>Asymptotic method and wave theory of motion in studying the effect of periodic impulse forces on systems characterized by longitudinal motion velocity. Mathematical Modeling and Computing, 2022, 9(4), pp. 909–920 (DOI 10.23939/mmc2022.04.909)</p>	

5.	Андрухів Андрій Ігорович	55226249300	<p>Impulse Moments Influence on Single-Frequency Torsional Oscillations of Nonlinear Flexible Bodies. IEEE Access, 2022, 10, pp. 74948–74960 (DOI 10.1109/ACCESS.2022.3191642)</p> <p>Digital Teaching and Learning Resources of the Ukrainian Children’s Libraries Websites. Studies in Systems, Decision and Control, 2022, 421, pp. 471–490 (DOI 10.1007/978-3-030-97008-6_21)</p> <p>Influence of impulse disturbances on oscillations of nonlinearly elastic bodies. Mathematics, 2021, 9(8), 819 (DOI 10.3390/math9080819z)</p> <p>Adaptive support of the educational process by the automated library information system. CEUR Workshop Proceedings, 2021, 3003, pp. 33–42</p>	Scopus
6.	Андрущак Анатолій Степанович	6602317223	<p>Second harmonic generation on crystalline organic nanoclusters under extreme nanoconfinement in functionalized silica–benzil composites. Scientific Reports, 2023, 13(1), 9943 (DOI 10.1038/s41598-023-37147-4)</p> <p>Relevance between structure and spectroscopic studies, along with enhanced NLO response of porphyrin complexes and hybrid nanostructures. Surfaces and Interfaces, 2023, 40, 103010 (DOI 10.1016/j.surfin.2023.103010)</p> <p>Nanoarhitectonics of Inorganic–Organic Silica–Benzil Composites: Synthesis, Nanocrystal Morphology and Micro-Raman Analysis. Nanomaterials, 2023, 13(13), 1913 (DOI 10.3390/nano13131913)</p> <p>Correlation between Nonlinear Optical Effects and Structural Features of Aurone-Based Methacrylic Polymeric Thin Films. Materials, 2022, 15(17), 6076 (DOI 10.3390/ma15176076)</p> <p>On the issue of textured crystallization of Ba(NO₃)₂ in mesoporous SiO₂: Raman spectroscopy and lattice dynamics analysis. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 275, 121157 (DOI 10.1016/j.saa.2022.121157)</p>	Scopus
		B-3169-2016	<p>Improvement of the Numerical Method for Effective Refractive Index Calculation of Porous Composite Materials Using Microlevel Models. ACTA PHYSICA POLONICA A 133 (1) , pp.164-166 (DOI 10.12693/APhysPolA.133.164)</p> <p>Angular stability of electric field-induced effects in crystalline materials. Crystal Research and Technology, 48(6) (DOI 10.1002/crat.201300056)</p> <p>Automated interferometric technique for express analysis of the refractive indices in isotropic and anisotropic optical materials. Optics and Lasers in Engineering, 46(2), pp. 162-167</p> <p>Complete sets of elastic constants and photoelastic coefficients of pure and MgO-doped lithium niobate crystals at room temperature. Journal of Applied Physics, 106(7), 073510</p> <p>Electric-field-induced optical path length change in LiNbO₃:MgO crystals: Spatial anisotropy analysis. Applied Optics, 52(16), pp. 3757-3763</p>	Web of Science
			<p>Impact of Optical Illumination on Transmission of Subterahertz Electromagnetic Waves by Bi₁₂GeO₂₀ Crystals. Acta Physica Polonica A, 2022, 141(4), pp. 415–419 (DOI 10.12693/APhysPolA.141.415)</p>	

7.	Андрущак Назарій Анатолійович	25927837600	Dynamic Kerr and Pockels electro-optics of liquid crystals in nanopores for active photonic metamaterials. <i>Nanoscale</i> , 2021, 13(44), pp. 18714–18725 (DOI 10.1039/d1nr04282c)	Scopus
			A finite element model of terahertz substrate-based wire-grid polarizer. <i>Mathematics and Computers in Simulation</i> , 2021, 188, pp. 404–414 (DOI 10.1016/j.matcom.2021.04.005)	
			Paraelectric KH ₂ PO ₄ nanocrystals in monolithic mesoporous silica: Structure and lattice dynamics. <i>Journal of Alloys and Compounds</i> , 2021, 868, 159177 (DOI 10.1016/j.jallcom.2021.159177)	
			The optimal vector phase matching conditions in crystalline materials determined by extreme surfaces method: Example of uniaxial nonlinear crystals. <i>Optical Materials</i> , 2021, 120, 111420 (DOI 10.1016/j.optmat.2021.111420)	
	Андрущак Назарій Анатолійович	H-1912-2015	General method of extreme surfaces for geometry optimization of the linear electro-optic effect on an example of LiNbO ₃ :MgO crystals. <i>Applied Optics</i> . V. 56, № 22, pp. 6255-6262	Web of Science
			Nonlinear Optical Response of KDP/Al ₂ O ₃ Crystalline Nanocomposite. Proceedings of the 2017 IEEE 7th international conference nanomaterials: application & properties (NAP). Proceedings of the international conference Nanomaterials-Applications and properties, UNSP 03NNSA26	
			Application of a Principle of Mathematical Models Reduction for Optimal Vector of Induced Optical Effects in Crystalline Materials for Optoelectronics. 14th International Conference: The Experience Of Designing And Application Of Cad Systems In Microelectronics (CADSM). Experience of Designing and Application of CAD Systems in Microelectronics-CADSM, pp. 70-73	
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	Андрущак Назарій Анатолійович	H-1912-2015	Global maxima of linear electro-optic effect for selected widely used crystalline materials. IEEE 7th International Conference On Advanced Optoelectronics And Lasers (CAOL). International Conference on Advanced Optoelectronics and Lasers, pp. 173-175	Web of Science
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			Intelligence Management of BLE Sensors by the Edge Device. Proceedings - 16th International Conference on Advanced Trends in Radioelectronics, Telecommunications and Computer Engineering, TCSET 2022, 2022, pp. 649–652 (DOI 10.1109/TCSET55632.2022.9767070)	

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			Intelligent Traffic Engineering for Future Intent-Based Software-Defined Transport Network. Lecture Notes in Electrical Engineering, 2022, 831, pp. 161–181 (DOI 10.1007/978-3-030-92435-5_9)	
			Deep semisupervised learning-based network anomaly detection in heterogeneous information systems. Computers, Materials and Continua, 2021, 70(1), pp. 413–431 (DOI 10.32604/cmc.2022.018773)	
9.	Антонова Тамара Миколаївна	57215603640	On the Analytic Continuation of Lauricella–Saran Hypergeometric Function $FK(a_1, a_2, b_1, b_2; a_1, b_2, c_3; z)$. Mathematics, 2023, 11(21), 4487 (DOI 10.3390/math11214487)	Scopus
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10.	Алексєєв Владислав Ігорович	57203618952	Development and integration of speech recognition tools into software applications and an approach to improve of speech recognition quality. Proceedings - 15th International Conference on Advanced Trends in Radioelectronics, Telecommunications and Computer Engineering, TCSET 2020, 2020, pp. 614–617, 9088728 (DOI 10.1109/TCSET49122.2020.235505)	Scopus
			Conceptual model of information system for drone monitoring of trees’ condition. CEUR Workshop Proceedings, 2020, 2604, pp. 695–714	
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			Artificial Locust Swarm Routing Algorithm: Decision Making in Path Search Problem. Proceedings of the 11th International Conference on Electronics, Computers and Artificial Intelligence, ECAI 2019, 2019, 9041925 (DOI 10.1109/ECAI46879.2019.9041925)	
			Knowledge-based big data cleanup method. CEUR Workshop Proceedings, 2019, 2386, pp. 96–106	

11.	Алексеев Игорь Валентинович	57217891453	<p>DEVELOPMENT OF THE MODEL FOR FORECASTING INDICATORS OF BANKING MICROCREDITING OF SMALL BUSINESS ENTITIES. Financial and Credit Activity: Problems of Theory and Practice, 2023, 2(49), pp. 163–180 (DOI 10.55643/fcaptp.2.49.2023.4025)</p> <p>CIRCULAR ECONOMY AND SOURCES OF FUNDING FOR SCIENTIFIC AND TECHNOLOGICAL CLUSTERS ЦИРКУЛЯРНА ЕКОНОМІКА Й ДЖЕРЕЛА ФІНАНСУВАННЯ НАУКОВО-ТЕХНОЛОГІЧНИХ КЛАСТЕРІВ. Financial and Credit Activity: Problems of Theory and Practice, 2022, 6(47), pp. 77–87 (DOI 10.55643/fcaptp.6.47.2022.3917)</p> <p>PUBLIC-PRIVATE PARTNERSHIP MECHANISM. Financial and Credit Activity: Problems of Theory and Practice, 2022, 5(46), pp. 240–248 (DOI 10.55643/fcaptp.5.46.2022.3887)</p> <p>SUSTAINABLE BANKING: THE CONCEPT OF THEBANK'S ENVIRONMENTAL POLICY IN THE FIELD OF RESOURCE ALLOCATION TO FOSTERSUSTAINABLE ECONOMIC DEVELOPMENT. Financial and Credit Activity: Problems of Theory and Practice, 2022, 3(44), pp. 8–15</p> <p>Factor Analysis of Financial and Economic Activities of Energy Enterprises of Ukraine. Proceedings - International Conference on Advanced Computer Information Technologies, ACIT, 2021, pp. 415–419 (DOI 10.1109/ACIT52158.2021.9548358)</p>	Scopus
12.	Альбота Соломія Миколаївна	57205444338	<p>Linguistic and Semantic Representation of the WAR Concept by Phraseological Units. CEUR Workshop Proceedings, 2023, 3608, pp. 355–364</p> <p>Tweets about Ukraine during the russian-Ukrainian War: Quantitative Characteristics and Sentiment Analysis. CEUR Workshop Proceedings, 2023, 3426, pp. 551–560</p> <p>Creating a Model of War and Pandemic Apprehension: Textual Semantic Analysis. CEUR Workshop Proceedings, 2023, 3396, pp. 228–243</p> <p>War Implications in the Reddit News Feed: Semantic Analysis. International Scientific and Technical Conference on Computer Sciences and Information Technologies, 2022, 2022-November, pp. 99–102 (DOI 10.1109/ICIT52158.2022.10000000)</p> <p>Modelling the Impact of the Pandemic on Online Communication: Textual Semantic Analysis. CEUR Workshop Proceedings, 2022, 3171, pp. 471–486</p>	Scopus
			<p>IMPROVEMENT OF THE METHOD OF CALCULATING HEAT TRANSFER COEFFICIENTS USING GLYCOLS TAKING INTO ACCOUNT SURFACE FORCES OF HEAT CARRIERS. Chemistry and Chemical Technology, 2023, 17(3), pp. 608–616 (DOI 10.23939/chcht17.03.608)</p> <p>USING OF BARLEY BRAN IN THE PRODUCTION OF ALTERNATIVE SOLID FUEL FROM COFFEE PRODUCTION WASTE ВИКОРИСТАННЯ ЯЧМІННИХ ВИСІВОК У СТВОРЕННІ АЛЬТЕРНАТИВНОГО ТВЕРДОГО ПАЛИВА З ВІДХОДІВ КАВОВОГО ВИРОБНИЦТВА. Journal of Chemistry and Technologies, 2023, 31(2), pp. 318–324 (DOI 10.15421/jchemtech.v31i2.274932)</p>	

13.	Атаманюк Володимир Михайлович	57103441800	<p>RESEARCH ON ASPECTS OF THE EXTRACTION KINETICS OF METABOLITES OF CARLINA ACAULIS WHILE MIXING Дослідження особливостей кінетики екстрагування метаболітів <i>Carlina acaulis</i> при перемішуванні. <i>Voprosy Khimii i Khimicheskoi Tekhnologii</i>, 2023, (1), pp. 3–10 (DOI 10.32434/0321-4095-2023-146-1-3-10)</p> <p>The Computer Modeling of the Thermal Agent Hydrodynamics Through the Alcohol Distillery Stillage Stationary Layer. 2023 IEEE 17th International Conference on the Experience of Designing and Application of CAD Systems, CADSM 2023 - Proceedings, 2023(DOI10.1109/CADSM58174.2023.10076496)</p> <p>USING COFFEE PRODUCTION WASTE AS A RAW MATERIAL FOR SOLID FUEL. <i>Journal of Chemistry and Technologies</i>, 2022, 30(4), pp. 588–594 (DOI 10.15421/jchemtech.v30i4.265116)</p>	Scopus
14.	Афанасьев Денис Миколайович	6508206293	<p>Role of Afterglow in Optically Stimulated Luminescence of YAP:Mn. <i>Chirurgia (Romania)</i>, 2022, 141(4), pp. 379–385 (DOI 10.12693/APhysPolA.141.379)</p> <p>Role of Afterglow in Optically Stimulated Luminescence of YAP:Mn. <i>Acta Physica Polonica A</i>, 2022, 141(4), pp. 379–385 (DOI 10.12693/APhysPolA.141.379)</p> <p>Role of Afterglow in Optically Stimulated Luminescence of YAP:Mn. <i>Mycotaxon</i>, 2022, 137(1), pp. 379–385 (DOI 10.12693/APhysPolA.141.379)</p> <p>The Multifunctional System for Investigation of Luminescence Phenomena in Storage Phosphors. <i>Proceedings - 16th International Conference on Advanced Trends in Radioelectronics, Telecommunications and Computer Engineering, TCSET 2022</i>, 2022, pp. 722–726(DOI10.1109/TCSET55632.2022.9766858)</p> <p>Concept development of a portable reader for personal dosimetry based on the OSL in YAP:Mn. <i>Proceedings - 15th International Conference on Advanced Trends in Radioelectronics, Telecommunications and Computer Engineering, TCSET 2020</i>, 2020, pp. 952–956, 9088614(DOI10.1109/TCSET49122.2020.235578)</p>	Scopus
15.	Афтаназів Іван Семенович	57198810574	<p>Design peculiarities and mathematical model of an enhanced low-frequency vibratory cavitation device. <i>Vibroengineering Procedia</i>, 2023, 51, pp. 1–7 (DOI 10.21595/vp.2023.23577)</p> <p>Determination of coordinates of unmanned aircrafts by means of kinematic projection. <i>Mathematical Modeling and Computing</i>, 2022, 9(2), pp. 459–469 (DOI 10.23939/mmc2022.02.459)</p> <p>ECONOMIC AND ENVIRONMENTAL BENEFITS OF USING CAVITATION TREATED FUEL IN VEHICLES OF INTERNAL COMBUSTION ENGINES. <i>Communications - Scientific Letters of the University of Žilina</i>, 2022, 24(3), pp. B158–B169 (DOI 10.26552/com.C.2022.3.B158-B169)</p> <p>Improving reliability of drill pipe by strengthening of thread connections of its elements. <i>Naukovyi Visnyk Natsionalnoho Hirnychoho Universytetu</i>, 2019, 2019(4), pp. 22–29 (DOI 10.29202/nvngu/2019-4/8)</p> <p>Developing a technology for treating blue-green algae biomass using vibro-resonance cavitators. <i>Naukovyi Visnyk Natsionalnoho Hirnychoho Universytetu</i>, 2019, 2019(6), pp. 181–188 (DOI 10.29202/nvngu/2019-6/27)</p>	Scopus

16.	Бабій Любов Вячеславівна	57224949058	The Influence of the Main Factors on the Accuracy of Hydrological Modelling of Flooded Lands. Water (Switzerland), 2023, 15(18), 3303 (DOI 10.3390/w15183303)	Scopus
			Comparison of 3D models of mass graves created on the basis of aerial survey data in 1944 and 2015. 2022 International Conference of Young Professionals, GeoTerrace 2022, 2022 (DOI 10.3997/2214-4609.2022590080)	
			Analysis of the destruction caused by Russian aggression by a semiautomatic method using remote sensing data. 2022 International Conference of Young Professionals, GeoTerrace 2022, 2022 (DOI 10.3997/2214-4609.2022590060)	
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17.	Байцар Роман Іванович	7801601691	Combined usage of Theory of Constraints, Lean and Six Sigma in quality assurance of manufacturing processes. Key Engineering Materials 637, pp. 21-26	Scopus
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			Application of semiconductor whisker crystals in low temperature electronics. Journal De Physique. IV : JP6(3), pp. 429-434	
			Plasticity and Brittleness of Silicon-Germanium Acicular Crystals. Inorganic Materials 32(10), pp. 1022-1024	
18.	Базилевич Роман Петрович	6506726842	Solving Large Scale Uniform Traveling Salesman Problem by Using Partial Solution Expansion Method. International Scientific and Technical Conference on Computer Sciences and Information Technologies, 2023 (DOI 10.1109/CSIT61576.2023.10324172)	Scopus
			IMPROVING THE EFFICIENCY OF SYMBOLIC EXECUTION BY CLUSTERING THE INPUT DATA BASED ON THE COMPLEXITY OF TEST GENERATION. Eastern-European Journal of Enterprise Technologies, 2023, 4(2(124)), pp. 17–25 (DOI 10.15587/1729-4061.2023.286160)	
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19.	Бак Роман Іванович	36069059900	Performance of routing algorithm remote operation in cloud environment for IoT devices. International Journal of Electronics and Telecommunications, 2019, 65(3), pp. 367–373 (DOI 10.24425/ijet.2019.129787)	Scopus
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			Load balancing based on multi-hop handover for wireless cellular networks. 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 - Proceedings, 2017, pp. 1103–1106, 8100420 (DOI 10.1109/UKRCON.2017.8100420)	
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			The principles of traffic processing and formation based on IXA networking processors. Modern Problems of Radio Engineering, Telecommunications and Computer Science - Proceedings of the 10th International Conference, TCSET'2010, 2010, pp. 218, 5446103	
20.	Бакса Віта Петрівна	57214108610	NOTE ON BOUNDEDNESS OF THE L-INDEX IN THE DIRECTION OF THE COMPOSITION OF SLICE ENTIRE FUNCTIONS. Matematychni Studii, 2022, 58(1), pp. 58–68 (DOI 10.30970/ms.58.1.58-68)	Scopus
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