

Перелік

штатних науково-педагогічних та наукових працівників

Вінницького національного технічного університету,

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№ з/п	Прізвище, ім'я, по батькові працівника ВНЗ	Назва та реквізити публікації	Назва наукометричної бази
1	Азарова Анжеліка Олександрівна (Azarova Anzhelika O., Author ID: 35758353700)	<p>Mathematical methods of identification of ukrainian enterprises competitiveness level by fuzzy logic using // Economic Annals-XXI. – № 9–10 (2). – 2013. – С. 59–62.</p> <p>Calculation methods of domestic enterprises' competitiveness evaluation // Economic Annals-XXI. – № 3–4 (1). – 2013. – С.93–95.</p> <p>Mathematical method of enterprise competitiveness level evaluation by using Hopfield network // Actual Problems of Economics. – № 11 (149). – 2013. – С.149–154.</p> <p>Mathematical model and method of risk level estimation for capital structure by means of Hopfield neural network // Actual Problems of Economics. – 2010. –№ 1(103). – С. 245–253.</p> <p>Selection, planning and realization of development strategy by an enterprise // Actual Problems of Economics. – №12. – 2010. – С. 91–100.</p> <p>Basic indices definition of product quality management by means of correlation-regressive modelling // Actual Problems of Economics.. – 2008. – №12. – С.186–191.</p>	Scopus
2	Шиян Анатолій Антонович (Shiyani Anatoliy A., Author ID: 660379220)	<p>Optimization of interests' harmonization between a company and a university in the process of innovation, 2014, Actual Problems of Economics</p> <p>Mechanisms of interaction between financial institutions of developed and transitional economies, 2011, Actual Problems of Economics</p> <p>A method for determining the state of cell population: Lymphocytes, 1999, Biofizika</p> <p>On the problem of elaboration of new criteria for control of hierarchical socio-economic systems, 1998, Journal of Automation and Information Sciences</p> <p>The mass distribution as characteristic for interaction between biological systems and environment, 1997, Biofizika</p> <p>On the recognition of coherent structures in the ocean and atmosphere, 1997, Izvestiya - Atmospheric and Ocean Physics</p> <p>An effect of noise on the amplitude of non-linear waves in metals, 1997, Metallofizika i Noveishie Tekhnologii</p> <p>On the calculation of viscosity tensor for the fractal polycluster amorphous alloys, 1996, Metallofizika i Noveishie Tekhnologii</p> <p>On the calculation of the viscosity tensor for fractal polycluster amorphous alloys, 1996, Metal Physics and Advanced Technologies</p> <p>On mechanism for effect of structure of low-intensity external action on biological system, 1996, Biofizika</p> <p>Viscosity for fractal suspensions: Dependence on fractal dimensionality, 1996, Physics Letters, Section A: General, Atomic and Solid State Physics</p> <p>On elaboration of new criteria for controlling of hierarchical social-economical systems, 1996, Problemy Upravleniya I Informatiki (Avtomatika)</p> <p>Calculation of the diffusion coefficient in the crystalline lens, 1991, Biophysics</p>	Scopus

		<p>Self-oscillations of the erosion cloud as a result of resonant absorption of laser radiation, 1991, Physics and chemistry of materials treatment</p> <p>On erosion cloud self-excited oscillations due to resonant absorption of laser radiation, 1991, Fizika i Khimiya Obrabotki Materialov</p> <p>Calculation of increase in average radius of particles for kinetic conditions allowing for depletion, 1989, Power engineering New York</p> <p>Calculation of deformation of particle size spectrum by gas-dynamic flow, 1989, Colloid Journal</p> <p>Calculation of migrational velocity of a particle in a turbulent flow with transverse shear, 1987, Colloid journal of the USSR</p> <p>Evolution of the dimensional spectrum and the condensational stability of particles in a field of turbulent-flow-temperature pulsations, 1987, High Temperature</p> <p>Migration velocity of particles in turbulent flow (discrete spectrum of pulsations), 1985, Colloid journal of the USSR</p>	
3	<p>Поліщук Леонід Клавдійович Author ID: 56181230600 5 робіт</p>	<p>Life time assessment of clamp-forming machine boom durability / L. Polishchuk , O. Bilyy, Y. Kharchenko // Diagnostyka –Warszawa, – 2015. – №4(16). – P. 71 – 76.</p> <p>Дослідження динамічних процесів в системі керування гідропривода стрічкових конвеєрів із змінними вантажопотоками / Л. К. Поліщук, Є. В. Харченко, О. В. Пионткевич, О. О. Коваль // Восточно-Европейский журнал передовых технологий. Технологии машиностроения, – 2016. – 2/8(80). – С. 22–29.</p> <p>Prodiction of the propagation of crack-like defects in profile elements of the boom of stack discharge conveyor / Estern-European Journal of Enterprise Technologies – 2016. –6/1 (84). – P. 44 – 52</p> <p>Оцінювання експлуатаційної деградації профільної сталі стріли буртоукладника / Є. В. Харченко, Л. К. Поліщук, О.І. Звірко // Фізико-хімічна механіка матеріалів. – 2013. – № 4(49). – С. 77–82. (Kharchenko E. V., Polishchuk L. K., Zvirko O. I. Estimation of the in-</p> <p>Корозійно-циклічна тріщиностійкість сталі стріли буртоукладника [Текст] / Л. К. Поліщук, Г. В. Харченко, О. І. Звірко // Фізико-хімічна механіка матеріалів, – 2014. – № 2. – С. 77 – 82., 2015.Polishchuk L.K., Kharchenko E.V., Zvirko O.I.</p>	<p>Scopus</p> <p>Web of Science Core Collection</p>
4	<p>Огородніков Віталій Антонович Author ID: 16414266100 7 робіт</p>	<p>Tyazheloe Mashinostroenie: Stressed-strained state during forming the internal slot section by mandrel reduction, 2004</p> <p>Kuznechno-Shtampovochnoe Proizvodstvo : Modeling the stressed state for bulk strain processes on the base of deformation ways similarity hypothesis , 1991</p> <p>Soviet Forging and Sheet Metal Stamping Technology (English Translation of Kuznechno-Shtampovochno): EXTRUSION OF TOOL STEELS, 1987</p> <p>Strength of Materials : Plotting plasticity diagrams by testing cylindrical samples in combined tension and torsion , 1976</p> <p>Steel USSR : STRESSED STATE DURING THE HOT EXTRUSION OF STEEL., 1975</p> <p>Izv Vyssh Uchebn Zaved Mashinostr: Criterion of Deformability of Pressure Shaped Metals. [KRITERII DEFORMIRUEMOSTI METALLOV PRI OBRABOTKE DAVLENIEM.], 1975</p> <p>Izv Vyssh Uchebn Zaved Mashinostr: Plasticity of Metal Subjected to Complex Loading. [PLASTICHNOST' METALLA PRI SLOZHONOM NAGRUZHENII.], 1974</p>	<p>Scopus</p>

5	<p>Петрук Василь Григорович Author ID: 16022812400 15 робіт</p>	<p>1. The spectral polarimetric control of phytoplankton in photobioreactor of the wastewater treatment / V.G. Petruk, S. M. Kvaternyuk; Y. M. Denysiuk; K. Gromaszek // Proc. SPIE 8698, 86980H (January 11, 2013); doi:10.1117/12.2019736</p> <p>2. Research of the spectral diffuse reflectance of melanoma in vivo / V.G. Petruk, S.M. Kvaternyuk, D.B. Bolyuh, Y.M. Denysiuk, A. Kotyra // Proc. SPIE 8698, 86980F (January 11, 2013); doi:10.1117/12.2019730</p> <p>3. Methods and means of measuring control and diagnostics of biological tissues in vivo based on measurements of color coordinates and multispectral image / V. Petruk, O. Kvaternyuk, S. Kvaternyuk, O. Mokanyuk, L. Yekenina, W. Wojcik, R. S. Romaniuk, I. Baglan // Proc. SPIE, 2015. Vol. 9816, 98161H (17 December 2015). – P. 98161H-1– 98161H-5; doi:10.1117/12.2229034.</p> <p>4. The method of multispectral image processing of phytoplankton processing for environmental control of water pollution / V. Petruk, S. Kvaternyuk, V. Yasynska, A. Kozachuk, A. Kotyra, R. S. Romaniuk, N. Askarova // Proc. SPIE, 2015. Vol. 9816, 98161N (17 December 2015). – P. 98161N-1–98161N-5; doi: 10.1117/12.2229202.</p> <p>5. Multispectral televisional measuring control of the ecological state of waterbodies on the characteristics macrophytes / V. Petruk, S. Kvaternyuk, A. Kozachuk, S. Sailarbek, K. Gromaszek // Proc. SPIE, 2015. Vol. 9816, 98161Q (17 December 2015). – P. 98161Q-1–98161Q-4; doi: 10.1117/12.2229343.</p> <p>6. Spectrophotometric Method for Differentiation of Human Skin Melanoma. II. Diagnostic Characteristics. / V. G. Petruk, A. P. Ivanov, S. M. Kvaternyuk, V. V. Barun // Journal of Applied Spectroscopy. – 2016. – Vol. 83, Issue 2. – P. 261–270. http://dx.doi.org/10.1007/s10812-016-0279-0</p> <p>7. Spectrophotometric technique to differentiate human skin melanoma. I. Optical Diffuse Reflection Coefficient / V. G. Petruk, A. P. Ivanov, S. M. Kvaternyuk, V. V. Barun // Journal of Applied Spectroscopy. – 2016. – Vol. 83, Issue 1. – P. 85–92. http://dx.doi.org/10.1007/s10812-016-0247-8</p> <p>8. The optical diagnostics of parameters of biological tissues of human intact skin in near-infrared range / V. Petruk, S. Kvaternyuk, B. Bolyuh et al. // Proc. SPIE, 2016, Vol. 10031, 100313C (September 28, 2016). – P. 100313C-1–100313C-7. http://dx.doi.org/10.1117/12.2249345.</p> <p>9. Martsenyuk V. Multispectral control of water bodies for biological diversity with the index of phytoplankton / V. Martsenyuk, V. G. Petruk, S. M. Kvaternyuk, V. D. Pohrebennyk, Y. I. Bezusiak, R. V. Petruk, A. Klos-Witkowska // 2016 16th International Conference on Control, Automation and Systems (ICCAS 2016), Oct. 16-19, 2016 in HICO, Gyeongju, Korea. – P. 988–993. http://ieeexplore.ieee.org/document/7832429?reload=true doi: 10.1109/ICCAS.2016.7832429</p> <p>10. Petruk V. Multispectral method and means for determining the distance of the shot on the basis of the study of gunshot injuries of the skin tissues / V. Petruk, S.Kvaternyuk, O.Kvaternyuk, O.Mokanyuk, R.Petruk, R.Mussubekov, W.Wójcik, A.Toigozhinova, A.Kalizhanova // Przegląd elektrotechniczny. – 2017. - Vol. 93. – № 3. – P. 129–132. ISSN 0033-2097 doi:10.15199/48.2017.03.30</p>	Scopus
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6	<p>Кватернюк Сергій Михайлович Author ID: 55645044200 12 робіт</p>	<p>1. The spectral polarimetric control of phytoplankton in photobioreactor of the wastewater treatment / V.G. Petruk, S. M. Kvanternyuk; Y. M. Denysiuk; K. Gromaszek // Proc. SPIE 8698, 86980H (January 11, 2013); doi:10.1117/12.2019736</p> <p>2. Research of the spectral diffuse reflectance of melanoma in vivo / V.G. Petruk, S.M. Kvaternyuk, D.B. Bolyuh, Y.M. Denysiuk, A. Kotyra // Proc. SPIE 8698, 86980F (January 11, 2013); doi:10.1117/12.2019730</p> <p>3. Methods and means of measuring control and diagnostics of biological tissues in vivo based on measurements of color coordinates and multispectral image / V. Petruk, O. Kvaternyuk, S. Kvaternyuk, O. Mokanyuk, L. Yekenina, W. Wojcik, R. S. Romaniuk, I. Baglan // Proc. SPIE, 2015. Vol. 9816, 98161H (17 December 2015). – P. 98161H-1– 98161H-5; doi:10.1117/12.2229034.</p> <p>4. The method of multispectral image processing of phytoplankton processing for environmental control of water pollution / V. Petruk, S. Kvaternyuk, V. Yasynska, A. Kozachuk, A. Kotyra, R. S. Romaniuk, N. Askarova // Proc. SPIE, 2015. Vol. 9816, 98161N (17 December 2015). – P. 98161N-1–98161N-5; doi: 10.1117/12.2229202.</p> <p>5. Multispectral televisional measuring control of the ecological state of waterbodies on the characteristics macrophytes / V. Petruk, S. Kvaternyuk, A. Kozachuk, S. Sailarbek, K. Gromaszek // Proc. SPIE, 2015. Vol. 9816, 98161Q (17 December 2015). – P. 98161Q-1–98161Q-4; doi: 10.1117/12.2229343.</p> <p>6. Spectrophotometric Method for Differentiation of Human Skin Melanoma. II. Diagnostic Characteristics. / V. G. Petruk, A. P. Ivanov, S. M. Kvaternyuk, V. V. Barun // Journal of Applied Spectroscopy. – 2016. – Vol. 83, Issue 2. – P. 261–270. http://dx.doi.org/10.1007/s10812-016-0279-0</p> <p>7. Spectrophotometric technique to differentiate human skin melanoma. I. Optical Diffuse Reflection Coefficient / V. G. Petruk, A. P. Ivanov, S. M. Kvaternyuk, V. V. Barun // Journal of Applied Spectroscopy. – 2016. – Vol. 83, Issue 1. – P. 85–92. http://dx.doi.org/10.1007/s10812-016-0247-8</p>	Scopus

		<p>8. The optical diagnostics of parameters of biological tissues of human intact skin in near-infrared range / V. Petruk, S. Kvaternyuk, B. Bolyuh et al. // Proc. SPIE, 2016, Vol. 10031, 100313C (September 28, 2016). – P. 100313C-1–100313C-7. http://dx.doi.org/10.1117/12.2249345.</p> <p>9. Multispectral television monitoring of contamination of water objects by using macrophyte-based bioindication / R. V. Petruk, V. D. Pohrebennyk, S. M. Kvaternyuk et al. // 16th International Multidisciplinary Scientific GeoConference SGEM 2016, SGEM2016 Conference Proceedings, June 28 – July 6, 2016, Book 5, Vol. 2. – P. 597–602. http://ir.lib.vntu.edu.ua/handle/123456789/13219</p> <p>10. Martsenyuk V. Multispectral control of water bodies for biological diversity with the index of phytoplankton / V. Martsenyuk, V. G. Petruk, S. M. Kvaternyuk, V. D. Pohrebennyk, Y. I. Bezusiak, R. V. Petruk, A. Klos-Witkowska // 2016 16th International Conference on Control, Automation and Systems (ICCAS 2016), Oct. 16-19, 2016 in HICO, Gyeongju, Korea. – P. 988–993. http://ieeexplore.ieee.org/document/7832429?reload=true doi: 10.1109/ICCAS.2016.7832429</p> <p>11. Petruk V. Multispectral method and means for determining the distance of the shot on the basis of the study of gunshot injuries of the skin tissues / V. Petruk, S. Kvaternyuk, O. Kvaternyuk, O. Mokanyuk, R. Petruk, R. Mussubekov, W. Wójcik, A. Toigozhinova, A. Kalizhanova // Przegląd elektrotechniczny. – 2017. - Vol. 93. – № 3. – P. 129–132. ISSN 0033-2097 doi:10.15199/48.2017.03.30</p> <p>12. Petruk Vasyl Assessment of the validity of the diagnosis of damage of tissues by multispectral method using neural network / Vasyl Petruk, Sergii Kvaternyuk, Olena Kvaternyuk, Olexander Mokanyuk, Roman Petruk, Sviatlana Vraysova, Konrad Gromaszek, Saule Luganskaya // Przegląd elektrotechniczny. – 2017. - Vol. 93. – № 5. – P. 106-109. ISSN 0033-2097 doi:10.15199/48.2017.05.21</p>	
7	<p>Петрук Роман Васильович Author ID: 57191848691 5 робіт</p>	<p>1. Multispectral television monitoring of contamination of water objects by using macrophyte-based bioindication / R. V. Petruk, V. D. Pohrebennyk, S. M. Kvaternyuk et al. // 16th International Multidisciplinary Scientific GeoConference SGEM 2016, SGEM2016 Conference Proceedings, June 28 – July 6, 2016, Book 5, Vol. 2. – P. 597–602. http://ir.lib.vntu.edu.ua/handle/123456789/13219</p> <p>2. Technological aspects of environmentally friendly processes of domestic phosphorites reduction / R. Petruk, H. Petruk, R. Kryklyvyi, I. Bezvozyuk // Chemistry and Chemical Technology. – 2016. – Vol. 10, No.1. – P. P.55-62. http://science.lpnu.ua/sites/default/files/journal-paper/2017/may/783/fulltext585.pdf</p> <p>3. Martsenyuk V. Multispectral control of water bodies for biological diversity with the index of phytoplankton / V. Martsenyuk, V. G. Petruk, S. M. Kvaternyuk, V. D. Pohrebennyk, Y. I. Bezusiak, R. V. Petruk, A. Klos-Witkowska // 2016 16th International Conference on Control, Automation and Systems (ICCAS 2016), Oct. 16-19, 2016 in HICO, Gyeongju, Korea. – P. 988–993. http://ieeexplore.ieee.org/document/7832429?reload=true doi: 10.1109/ICCAS.2016.7832429</p>	Scopus

		<p>4. Petruk V. Multispectral method and means for determining the distance of the shot on the basis of the study of gunshot injuries of the skin tissues / V. Petruk, S. Kvaternyuk, O. Kvaternyuk, O. Mokanyuk, R. Petruk, R. Mussubekov, W. Wójcik, A. Toigozhinova, A. Kalizhanova // Przegląd elektrotechniczny. – 2017. - Vol. 93. – № 3. – P. 129–132. ISSN 0033-2097 doi:10.15199/48.2017.03.30</p> <p>5. Assessment of the validity of the diagnosis of damage of tissues by multispectral method using neural network / Vasyl Petruk, Sergii Kvaternyuk, Olena Kvaternyuk, Olexander Mokanyuk, Roman Petruk, Svetlana Vraysova, Konrad Gromaszek, Saule Luganskaya // Przegląd elektrotechniczny. – 2017. - Vol. 93. – № 5. – P. 106-109. ISSN 0033-2097 doi:10.15199/48.2017.05.21</p>	
8	<p>Касіяненко Василь Харитонович Author ID: 49863513300 5 робіт Author ID: 36968056900 10 робіт</p>	<p>1. Electronic structure and atomic structure peculiarities of isomorphous modified zinc diphosphates / S.S. Smolyak, V.L. Karbivskyy, V.H. Kasiyanenko // Functional Materials. - 2014. - Vol. 21. – № 1. – P. 80-85.</p> <p>2. Electronic structure peculiarities of disordered Mn and Co diphosphates / V.L. Karbivskyy, S.S. Smolyak, Y.A. Zagorodny, V.H. Kasiyanenko // Functional Materials. - 2012. - 19, № 4. - P. 459-463.</p> <p>3. Scanning tunneling microscopy of Au nanoformations on Si (111) and Si (110) surfaces / V.L. Karbivskyy, V.V. Vyshniak, V.H. Kasiyanenko // Journal of Advanced Microscopy Research, Volume 6, Number 4, December 2011, pp. 278-286(9).</p> <p>4. Investigation of vibration anharmonicity in the crystal lattice of the mixed composition apatites / V.L. Karbivskyy, A.P. Shpak, N.A. Kurgan, V.V. Vishnyak, O.P. Dimitriev, V.H. Kasiyanenko // Functional Materials. - 2011. - Vol. 18. – № 2. – P. 195-199.</p> <p>5. Electron structure of triple tetrahedral structures on the calcium hydroxyapatite basis / V. L. Karbovskii, S. S. Smolyak, A. P. Shpak, Yu. A. Zagorodny, V. H. Kasiyanenko // Functional Materials. - 2010. - Vol. 17. – № 2. – P. 151-157.</p>	Scopus
9	<p>Козловська Тетяна Іванівна Author ID: 55644136400 6 робіт</p>	<p>1. Analysis of the vascular tone and character of the local blood flow to assess the viability of the body using the photoplethysmographic device / Zlepko S. M., Sander S. V., Kozlovska T. I., Pavlov S. V., Wójcik W., Yesmakhanova L., Zhirmova O. // Przegląd elektrotechniczny. – 2017. - Vol. 93. – № 5. – P. 92-95.</p> <p>2. Calibration of the metrological characteristics of photoplethysmographic multispectral device for diagnosis the peripheral blood circulation / Pavlov S. V., Kozlovska T. I., Sydoruk O. O., Kotovskyy V. I., Wójcik W., Orakbayev Y. // Przegląd elektrotechniczny. – 2017. - Vol. 93. – № 5. – P. 79-82.</p> <p>3. Analysis of microcirculatory disorders in inflammatory processes in the maxillofacial region on based of optoelectronic methods / Pavlov S. V. Barylo A. S. Kozlovska T. I. Stasenko V. A. Azarhov O. Y. Kravchuk P. O. Wójcik W. Orakbayev Y. Yesmakhanova L. // Przegląd elektrotechniczny. – 2017. - Vol. 93. – № 5. – P. 114-117.</p> <p>4. Device to determine the level of peripheral blood circulation and saturation / Tetyana I. Kozlovska; Sergii V. Sander; Sergii M. Zlepko; Valentina B. Vasilenko; Volodymyr S. Pavlov; Victoria P. Dumenko; Andrii Yu. Klapoushak; Marcin Maciejewski; Róża Dzierżak; Wojciech Surtel // Proc. SPIE 10031, 100312Z (September 28, 2016); doi:10.1117/12.2249131</p>	Scopus

		<p>5. Laser photoplethysmography in integrated evaluation of collateral circulation of lower extremities /Pavlov, S. V.; Sander, S. V.; Kozlovska, T. I.; Kaminsky, A. S.; Wojcik, W.; Junisbekov, M. Sh. // Proc. SPIE 8698, 869808 (January 11, 2013); doi:10.1117/12.2019336</p> <p>6. Laser photoplethysmography in integrated evaluation of collateral circulation of lower extremities / Sergii V. Sander ; Tatiana I. Kozlovska ; Valentina B. Vassilenko ; Volodymyr S. Pavlov ; Andrii Y. Klapouschak ; Piotr Kisała ; Ryszard S. Romaniuk ; Azhar Sagymbekova // Proc. SPIE 9816, 98161K (December 18, 2015); doi:10.1117/12.2229042</p>	
10	<p>Ткаченко Станіслав Йосипович Author ID: 7101877473 Всього 23 публікації</p>	<p>Design principles of evaporators for intensely foaming solutions, 1988, Chemical and Petroleum Engineering</p> <p>Design principles of evaporators for intensely foaming solutions, 1987, Chemical and Petroleum Engineering</p> <p>Analysis of the operation of evaporation equipment with an outboard boiling zone 1987 Chemical and Petroleum Engineering</p> <p>Problem of Heat Transfer in a Vertical Loop in a Vacuum Under Fluctuating Instability Conditions. [K VOPROSU TEPLOOBMENA V VERTIKAL'NOM KONTURE PRI VAKUUME V USLOVIYAKH KOLEBATEL'NOI NEUSTOICHIVOSTI.], 1978, Izvestiya Vysshikh Uchebnykh Zavedenij i Energeticheskikh Ob"edinenij Sng. Energetika</p> <p>Removal of Ferromagnetic Iron Oxides from a Condensate by an Electromagnetic Filter. [UDALENIE FERROMAGNITNYKH OKISLOV ZHELEZA IZ KONDENSATA ELEKTROMAGNITNYM FIL'TROM.], 1976, Elektronnaya Obrabotka Materialov</p> <p>Heat transfer in a vertical evaporation circuit at low pressures and in vacuo under conditions of vibrational instability, 1976, Journal of Engineering Physics</p> <p>THERMODYNAMIC PROCESSES IN TWO-COMPONENT FLOWS WITH PHASE TRANSITIONS. 1976 Fluid Mech Sov Res</p> <p>Effect of the Filtration Rate of an Electromagnetic Filter on the Effectiveness of Iron Oxide Removal from the Condensate. [VLIYANIE SKOROSTI FIL'TROVANIYA V ELEKTROMAGNITNOM FIL'TRE EFEKTIVNOST' UDALENIYA OKISLOV ZHELEZA IZ KONDENSATA, 1976, Teploenergetika</p> <p>Heat-transfer crisis during pulsatory instability in a vertical evaporator system under atmospheric pressure, 1975, Journal of Engineering Physics</p> <p>Effect of the Length of the Magnetic Filter on the Efficiency of Removal of Iron Oxides from the Condensate. [VLIYANIE DLINY MAGNITNOGO FIL'TRA NA EFEKTIVNOST' UDALENIYA OKISLOV ZHELEZA IZ KONDENSATA], 1975, Izvestiya Vysshikh Uchebnykh Zavedenij i Energeticheskikh Ob"edinenij Sng. Energetika</p> <p>Actual gas content of vertical adiabatic two-phase flows at low pressure and in vacuum, 1975, Journal of Engineering Physics</p> <p>INVESTIGATION OF METHODS FOR PREVENTING THE DEVELOPMENT OF CRITICAL PHENOMENA IN A VERTICAL CIRCULATION LOOP AT ATMOSPHERIC PRESSURE AND UNDER VACUUM. 1975 Heat Transfer Sov Res</p> <p>The motion of turbulent liquid films 1974 Fluid Mech Sov Res</p> <p>CRITICAL PHENOMENA IN A VERTICAL LOW-PRESSURE LOOP 1974 Fluid Mech Sov Res</p>	Scopus

		<p>Investigation of the Features of Crisis Phenomena in a Vertical Loop at a Low Pressure. [ISSLEDOVANIE OSOBENOSTEI KRIZISNYKH YAVLENII V VERTIKAL'NOM KONTURE PRI NIZKOM DAVLENII.] 1973 Izvestiya Vysshikh Uchebnykh Zavedenij i Energeticheskikh Ob"edinenij Sng. Energetika</p> <p>Nomograms for the Determination of True Gas Content of Low-Viscosity and High-Viscosity Two-Phase Flows in Vertical Tubes d equals 30 - 500 mm at Low Pressure. [NOMOGRAMMY DLYA OPREDELENIYA ISTINNOGO GAZOSODERZHANIYA MALOVYAZKIKH I VYSOKO VYAZKIKH DVUKHFAZNYKH POTOKOV V VERTIKAL'NYKH TRUBAKH d equals 30-500 mm PRI NIZKOM DAVLENII.] 1973 Izvestiya Vysshikh Uchebnykh Zavedenij i Energeticheskikh Ob"edinenij Sng. Energetika</p> <p>Evaluation of the methods of intensifying the performance of evaporators with an external boiling zone 1973 Chemical and Petroleum Engineering</p> <p>RESISTANCE TO THE MOTION OF GAS-LIQUID MIXTURES IN THE PRESENCE OF PHASE CHANGES. 1973 Heat Transfer -Sov Res</p> <p>THERMODYNAMIC PROCESSES IN TWO-COMPONENT FLOWS WITH PHASE TRANSITIONS. 1973 FLUID MECHANICS-SOVIET RESEARCH</p>	
11	<p>Лежнюк Петро Дем'янович Author ID: 6507787489 15 публікацій</p>	<p>Substantiation of parametric series of overhead lines wire crosssections in conditions market and insufficient initial information // Przegląd Elektrotechniczny. – 2017</p> <p>The influence of distributed power sources on active power loss in the microgrid // Przegląd Elektrotechniczny. – 2017</p> <p>Impact of renewable sources of energy on the level of active power losses in distribution networks // 2016 2nd International Conference on Intelligent Energy and Power Systems, IEPS 2016 - Conference Proceedings. – 2016</p> <p>The impact of transit overflows of power on losses in the power grids // Technical Electrodynamics. – 2016</p> <p>Use of least action principle as a mechanism of natural optimization for smart grid technologies // Technical Electrodynamics. – 2014</p> <p>Selfoptimization of electric systems modes as Hamilton principle manifestation // 2014 IEEE International Conference on Intelligent Energy and Power Systems, IEPS 2014 - Conference Proceedings. – 2014</p> <p>Optimization of partition of load between the dispersed energy sources in the in-plant electric system // Technical Electrodynamics. – 2014</p> <p>The operative diagnosticating of high-voltage equipment is in the tasks of optimum management the modes of the electroenergy systems // Technical Electrodynamics. – 2012</p> <p>Evaluation and forecast of electric energy losses in distribution networks applying fuzzy-logic // IEEE Power and Energy Society 2008 General Meeting: Conversion and Delivery of Electrical Energy in the 21st Century, PES. – 2008</p> <p>Uniqueness of allowing for losses in optimization of power-system operation // Power engineering New York. – 1988</p> <p>DETERMINING THE REGION OF PERMISSIBLE DEVIATIONS OF ELECTRIC-NETWORK OPTIMAL REGIME PARAMETERS // Power engineering New York. – 1986</p> <p>DETERMINATION OF OPTIMAL ELECTRIC-NETWORK REGIMES // Power engineering New York. – 1983</p>	Scopus

		<p>ELECTRIC NETWORK CURRENT DISTRIBUTION ANALYSIS // Electric Technology, USSR. – 1982</p> <p>CRITERIA MODELS FOR OPTIMAL PLANNING OF ELECTRIC POWER SYSTEM OPERATION // Electronic modeling. – 1981</p> <p>OPTIMIZATION OF ELECTRIC-NETWORK REGIMES BY THE CRITERIAL-PROGRAMMING METHOD // Power Engineering (New York) (English Translation of Izvestiya Akademii Nauk SSSR, Energetika i Transport). – 1979</p>	
12	<p>Кутін Василь Михайлович Author ID: 36742331100 7 публікацій</p>	<p>Evaluation of the risk of occupation a diseases caused by electromagnetic field generated by extra-high voltage electric installations // Przegląd Elektrotechniczny. – 2017</p> <p>Determination of screening complete set of clothes diagnostic parameters for repair works under tension implementation in 220-750 kv electrical installations // Technical Electrodynamics. – 2012</p> <p>Investigation of the effect of bushing on the current test signal monitoring devices speed characteristics of high-voltage switches // Technical Electrodynamics. – 2012</p> <p>Optimization of fault search process in overhead distribution networks 6-10 kV // Elektrichestvo. – 1994</p> <p>The protective properties of screening outfits for working on live 330-750 kV transmission lines // Elektrichestvo. – 1993</p> <p>Determination of Phase Insulation Conductivity with Respect to the Ground in a Three-Phase Network with an Insulated Neutral. [OPREDELENIE PROVODIMOSTI IZOLYATSII FAZY OTNOSITEL'NO ZEMLI V TREKHFAZNOI SETI S IZOLIROVANNOI NEITRAL'YU.] // Izvestiya Vysshikh Uchebnykh Zavedenij i Energeticheskikh Ob"edinenij Sng. Energetika. – 1978</p> <p>Experiment Planning in Determining the Connection Group of Transformer Windings. [PLANIROVANIE EKSPERIMENTA PRI OPREDELENII GRUPPY SOEDINENIYA OBMOTOK TRANSFORMATORA.] // Izvestiya Vysshikh Uchebnykh Zavedenij i Energeticheskikh Ob"edinenij Sng. Energetika. – 1978</p>	Scopus
13	<p>Мокін Олександр Борисович Author ID: 24922017000 5 публікацій</p>	<p>The synthesis of optimum current obtained by mathematical models for an electrically propelled truck drive electromotor // Przegląd Elektrotechniczny. – 2017</p> <p>As to selection of best design values for wind-driven wheel of rail-track-adjacent electric power plant Przegląd Elektrotechniczny. – 2016</p> <p>Determining the conditions and designing the methods for description of processes in complex dynamic objects by equivalent models not higher than the third-order // Journal of Automation and Information Sciences. – 2016</p> <p>Comparative analysis of magnetization curve models in terms of accuracy and applicability for variational optimization of electromechanical converters // YSF 2015 - International Young Scientists Forum on Applied Physics. – 2015</p> <p>Accumulation and generation of electric power on air accumulating power stations with two-section air reservoirs, compressors and gas-expansion generating units // IEEE Power and Energy Society 2008 General Meeting: Conversion and Delivery of Electrical Energy in the 21st Century, PES. – 2008</p>	Scopus
14	<p>Мокін Борис Іванович Author ID: 6507110262 10 публікацій</p>	<p>The synthesis of optimum current obtained by mathematical models for an electrically propelled truck drive electromotor [Synteza optymalnego prądu silnika elektrycznego wózka pojazdu ciężarowego za pomocą modeli matematycznych] // Przegląd Elektrotechniczny. – 2017</p>	Scopus

		<p>As to selection of best design values for wind-driven wheel of rail-track-adjacent electric power plant [Projekt wiatraka wykorzystującego ped powietrza wytwarzany przez pojazdy kolejowe] // Przegląd Elektrotechniczny. – 2016</p> <p>Determining the conditions and designing the methods for description of processes in complex dynamic objects by equivalent models not higher than the third-order // Journal of Automation and Information Sciences. – 2016</p> <p>Decision support system for the use of funds received from higher education institution paid services // Actual Problems of Economics. – 2016</p> <p>Comparative analysis of magnetization curve models in terms of accuracy and applicability for variational optimization of electromechanical converters // YSF 2015 - International Young Scientists Forum on Applied Physics. – 2015</p> <p>Accumulation and generation of electric power on air accumulating power stations with two-section air reservoirs, compressors and gas-expansion generating units // IEEE Power and Energy Society 2008 General Meeting: Conversion and Delivery of Electrical Energy in the 21st Century, PES. – 2008</p> <p>One way of solving the heat-flow equation in identification and control problems // Soviet journal of automation and information sciences. – 1989</p> <p>REPRODUCTION OF SIGNALS IN MULTIPLY CONNECTED CONTROL SYSTEMS // Soviet journal of automation and information sciences. – 1986</p> <p>ALGORITHM FOR DETERMINING CAPACITIVE CURRENT IN A POWER NETWORK // Soviet power engineering. – 1982</p> <p>AN EXPONENTIAL METHOD FOR DETERMINATION OF DYNAMIC CHARACTERISTICS OF PLANTS // Sov Autom Control. – 1971</p>	
15	<p>Павлов Сергій Володимирович https://www.scopus.com/authid/detail.uri?authorId=7103366036 Всього – 28</p>	<p>1. Sergii V. Pavlov, Aleksandr T. Kozhukhar, et al. Electro-optical system for the automated selection of dental implants according to their colour matching // PRZEGLĄD ELEKTROTECHNICZNY, ISSN 0033-2097, R. 93 NR 3/2017. – P. 121-124. - doi:10.15199/48.2017.03.28. Index SNIP – 0,22. http://pe.org.pl/articles/2017/3/28.pdf</p> <p>2. Vladimir V. Kholin, Oksana M. Chepurina, Sergii Pavlov et al. Methods and fiber optics spectrometry system for control of photosensitizer in tissue during photodynamic therapy, Proc. SPIE 10031, Photonics Applications in Astronomy, Communications, Industry, and High-Energy Physics Experiments 2016, 1003138 (September 28, 2016); doi:10.1117/12.2249259; Index SNIP – 0,37. http://dx.doi.org/10.1117/12.2249259</p> <p>3. Ronald H. Rovira; Stanislav Ye. Tuzhansky; Sergii V. Pavlov; Sergii N. Savenkov; Ivan S. Kolomiets, et al. Polarimetric characterisation of histological section of skin with pathological changes, Proc. SPIE 10031, Photonics Applications in Astronomy, Communications, Industry, and High-Energy Physics Experiments 2016, 100313E (September 28, 2016); doi:10.1117/12.2249373; Index SNIP – 0,37. http://dx.doi.org/10.1117/12.2249373</p> <p>4. S. V. Pavlov; V. B. Vassilenko; I. R. Saldan; D. V. Vovkotrub; A. A. Poplavskaya, et al. Methods of processing biomedical image of retinal macular region of the eye, Proc. SPIE 9961, Reflection, Scattering, and Diffraction from Surfaces V, 99610X (September 26, 2016); doi:10.1117/12.2237154; Index SNIP – 0,37. http://dx.doi.org/10.1117/12.2237154</p>	Scopus

		<p>5. Ronald Rovira; Marcia M. Bayas; Sergey V. Pavlov; Tatiana I. Kozlovskaya; Piotr Kisała, et al. Application of a modified evolutionary algorithm for the optimization of data acquisition to improve the accuracy of a video-polarimetric system, Proc. SPIE 9816, Optical Fibers and Their Applications 2015, 981619 (December 18, 2015); doi:10.1117/12.2229087; Index SNIP – 0,37. http://dx.doi.org/10.1117/12.2229087</p> <p>6. Natalia I. Zabolotna; Sergii V. Pavlov; Kostiantyn O. Radchenko; Vladyslav A. Stasenko; Waldemar Wójcik, et al. Diagnostic efficiency of Mueller-matrix polarization reconstruction system of the phase structure of liver tissue, Proc. SPIE 9816, Optical Fibers and Their Applications 2015, 98161E (December 18, 2015); doi:10.1117/12.2229018; Index SNIP – 0,37. http://dx.doi.org/10.1117/12.2229018</p>	
16	<p>Злепко Сергій Макарович https://www.scopus.com/authid/detail.uri?authorId=6507867882 Всього – 15,</p>	<p>1. Principles of computer planning in the functional nasal surgery / Oleg G. Avrunin, Yana V. Nosova, Natalia O. Shuhlyapina, Sergii M. Zlepko, Sergii V. Tymchuk, Oleksandra Hotra, Baglan Imanbek, Aliya Kalizhanova, Assel Mussabekova // Przegląd Elektrotechniczny. – 2017. - № 3/2017. – P. 140-143. – ISSN 0033-2097. (http://pe.org.pl/articles/2017/3/32.pdf)</p> <p>2. Analysis of the vascular tone and character of the local blood flow to assess the viability of the body using the photoplethysmographic device / Sergii M. Zlepko, Sergii V. Sander, Tatiana I. Kozlovskaya, Volodymyr S. Pavlov, Waldemar Wojcik, Laura Yesma Khanova, Oxana Zhirnova // Przegląd Elektrotechniczny. – 2017. - № 5/2017. – P. 92-95. – ISSN 0033-2097. (http://pe.org.pl/articles/2017/5/18.pdf)</p> <p>3. An informational model of sportsman's competitive activities / Sergii Zlepko, Sergii Tymchuk, Anastasia Novikova, Maryna Moskovko, Alexandra Zlepko, Zbigniew Omiotek, Teresa Malecka-Massalska // Proc. SPIE 10031, Photonics Applications in Astronomy, Communications, Industry, and High-Energy Physics Experiments 2016, 100312N (September 28, 2016). – Режим доступу : http://proceedings.spiedigitallibrary.org/proceeding.aspx?articleid=2564885.</p> <p>4. Quality improvement of diagnosis of the electromyography data based on statistical characteristics of the measured signals / Karina G. Selivanova, Oleg G. Avrunin, Sergii M. Zlepko, Sergii O. Romanyuk, Natalia I. Zabolotna, Andrzej Kotyra, Pawel Komada, Saule Smailova // Proc. SPIE 10031, Photonics Applications in Astronomy, Communications, Industry, and High-Energy Physics Experiments 2016, 100312R (September 28, 2016). – Режим доступу : http://proceedings.spiedigitallibrary.org/proceeding.aspx?articleid=2564889.</p> <p>5. Device to determine the level of peripheral blood circulation and saturation / Tetyana Kozlovskaya, Sergii Sander, Sergii Zlepko, Valentina Vasilenko, Volodymyr Pavlov, Victoria Dumenko, Andrii Klapouschak, Marcin Maciejewski, Róża Dzierżak, Wojciech Surtel // Proc. SPIE 10031, Photonics Applications in Astronomy, Communications, Industry, and High-Energy Physics Experiments 2016, 100312Z (September 28, 2016)/ - Режим доступу : http://proceedings.spiedigitallibrary.org/proceeding.aspx?articleid=2564897.</p>	Scopus
17	<p>Мотигін Володимир В'ячеславович https://www.scopus.com/authid/detail.uri?authorId=6603226746 Всього – 7</p>	<p>1. New method for thermo-optical modeling in liquid crystals. - Applied Optics. – 2002.</p> <p>2. Computer modeling of temperature field in liquid crystal layer by Gaussian laser beam. - Proceedings of SPIE - The International Society for Optical Engineering. - 2001</p>	Scopus

		<p>3. Using statistical methods for the investigation of thermo-optical properties of liquid crystals. - Proceedings of SPIE - The International Society for Optical Engineering. – 1997.</p> <p>4. The investigation of LC cell temperature field influenced by laser beam. - Molecular Crystals and Liquid Crystals Science and Technology Section A: Molecular Crystals and Liquid Crystals. - 1996</p> <p>5. Architectures of high-speed correlators with nonlinear and morphological image processing. - Proceedings of SPIE - The International Society for Optical Engineering. – 1994.</p>	
18	<p>Тимчик Сергій Васильович https://www.scopus.com/authid/detail.uri?authorId=55225643900 Всього – 6</p>	<p>1. Ways and possibilities of creating medical information systems based on OLAP-technology / Sergii V. Kostishyn, Sergii V. Tymchyk, Myhaylo V. Bachynskiy, Irina V. Fedosova, Aynur Kazbekova, Wojciech Surtel // Przegląd Elektrotechniczny. – 2017. - № 5/2017. – P. 110-113. - ISSN 0033-2097. http://pe.org.pl/articles/2017/5/22.pdf</p> <p>2. Principles of computer planning in the functional nasal surgery / Oleg G. Avrunin, Yana V. Nosova, Natalia O. Shuhlyapina, Sergii M. Zlepko, Sergii V. Tymchyk, Oleksandra Hotra, Baglan Imanbek, Aliya Kalizhanova, Assel Mussabekova // Przegląd Elektrotechniczny. – 2017. - № 3/2017. – P. 140-143. - ISSN 0033-2097. http://pe.org.pl/articles/2017/3/32.pdf</p> <p>3. Classification of CT-brain slices based on local histograms / Avrunin, O.G., Tymkovych, M.Y., Pavlov, S.V., Timchik, S.V., Kisała, P., Orakbaev, Y. // Proc. SPIE 9816, Optical Fibers and Their Applications 2015, 98161J (December 18, 2015); doi:10.1117/12.2229040. - Режим доступу : http://proceedings.spiedigitallibrary.org/proceeding.aspx?articleid=2478650</p> <p>4. Design Features of Automated Diagnostic Systems for Family Medicine / Sergiy Kostishyn, Sergiy Tymchyk, Roman Vyrozyb, Alexandra Zlepko, Volodymyr Pavlov // Modern Problems of Radio Engineering, Telecommunications, and Computer Science : Proceedings of the XIIIth International Conference TCSET'2016, Lviv-Slavsko, February 23-26, 2016. – Lviv : Publishing House of Lviv Polytechnic, 2016. – P. 774-776. – ISBN 978-617-607-806-7</p> <p>5. An informational model of sportsman's competitive activities / Sergii Zlepko, Sergii Tymchyk, Anastasia Novikova, Maryna Moskovko, Alexandra Zlepko, Zbigniew Omiotek, Teresa Małecka-Massalska // Proc. SPIE 10031, Photonics Applications in Astronomy, Communications, Industry, and High-Energy Physics Experiments 2016, 100312N (September 28, 2016). - Режим доступу : http://proceedings.spiedigitallibrary.org/proceeding.aspx?articleid=2564885</p>	Scopus
19	<p>Лазарев Олександр Олександрович https://www.scopus.com/authid/detail.uri?authorId=55523102357 Всього – 27</p>	<p>1. Designing and simulation smart multifunctional continuous logic device as a basic cell of advanced high-performance sensor systems with MIMO-structure. - Proceedings of SPIE - The International Society for Optical Engineering. – 2015.</p> <p>2. Modeling optical pattern recognition algorithms for object tracking based on nonlinear equivalent models and subtraction of frames. - Proceedings of SPIE - The International Society for Optical Engineering. – 2015.</p> <p>3. Simulation of reconfigurable multifunctional continuous logic devices as advanced components of the next generation high-performance MIMO-systems for the processing and interconnection. - Proceedings of SPIE - The International Society for Optical Engineering. – 2014.</p> <p>4. Short historical review of development of scientific branch "negatronics". - AEU - International Journal of Electronics and Communications. - 2014</p>	Scopus

		5. Experimental research of methods for clustering and selecting image fragments using spatial invariant equivalent models. - Proceedings of SPIE - The International Society for Optical Engineering. – 2014.	
20	Огороднік Костянтин Володимирович https://www.scopus.com/authid/detail.uri?authorId=15770394600 Всього – 5	1. Family of optoelectronic photocurrent reconfigurable universal (or multifunctional) logical elements (OPR ULE) on the basis of continuous logic operations (CLO) and current mirrors (CM) - Proceedings of SPIE - The International Society for Optical Engineering. – 2011. 2. The way of measurement of the two-port network stability invariant factors. - 16th International Crimean Microwave and Telecommunication Technology, CriMiCo. – 2006. 3. A noise-immune cryptographic information protection method for facsimile information transmission and the realization algorithms. - Proceedings of SPIE - The International Society for Optical Engineering. – 2006. 4. Measure of non-standard systems of Z- and S-parameters for microwave two-ports. - 15th International Crimean Conference Microwave and Telecommunication Technology, CriMiCo2005 - Conference Proceedings. – 2005. 5. The family of new operations "equivalency" of neuro-fuzzy, logics, their optoelectronic realization and applications. - Proceedings of SPIE - The International Society for Optical Engineering. – 2002.	Scopus
21	Осадчук Олександр Володимирович (26 публікацій Scopus) ID 7004220730 https://www.scopus.com/authid/detail.uri?authorId=7004220730 Всього – 26	1. Alexander Osadchuk, Iaroslav Osadchuk, Andrzej Smolarz, Nazym Kussambayeva. Pressure transducer of the on the basis of reactive properties of transistor structure with negative resistance. Proc. SPIE 9816, Optical Fibers and Their Applications 2015, 98161C (December 18, 2015); doi:10.1117/12.2229211 2. O. Osadchuk, K. Koval, M. Prytula, A. Semenov. Comparative analysis of radiomeasuring frequency converters of the magnetic field. Proceedings of the XIIIth International Conference TCSET'2016. " Modern problems of radio engineering, telecommunications, and computer science". Lviv-Slavsko, Ukraine. February 23 – 26, 2016. –P.275-278. 3. A.V. Osadchuk, V.S.Osadchuk, I.A.Osadchuk The Generator of Superhigh Frequencies on the Basis Silicon Germanium Heterojunction Bipolar Transistors. Proceedings of the XIIIth International Conference TCSET'2016. " Modern problems of radio engineering, telecommunications, and computer science". Lviv-Slavsko, Ukraine February 23 – 26, 2016. –P.336-338. 4. A.V. Osadchuk, A.O. Semenov, I.A. Osadchuk, K.O. Koval, M.O. Prytula. The Chaos Oscillator with Inertial Non-Linearity Based on a Transistor Structure with Negative Resistance. 17th International Conference of Young Specialists on Micro/Nanotechnologies and Electron Devices EDM 2016, Erlagol, Altai - 30 June - 4 July, 2016: Conference Proceedings, 2016. – P. 178-184. ISBN 978-1-5090-0785-1 CFP16500-USB 5. A.V. Osadchuk, V.S. Osadchuk, I.A. Osadchuk, Piotr Kisala, Tomasz Zyska, Azamat Annabaev, Kanat Mussabekov. Radiomeasuring pressure transducer with sensitive MEMS Capacitor. PRZEGLĄD ELEKTROTECHNICZNY, Poland, ISSN 0033-2097, R. 93 NR 3/2017. –P.113-116	Scopus
22	Осадчук Володимир Степанович (22 публікації Scopus) ID 7003381146 https://www.scopus.com/authid/detail.uri?authorId=7003381146 Всього – 22	1. A.V. Osadchuk, V.S. Osadchuk, I.A. Osadchuk, Piotr Kisala, Tomasz Zyska, Azamat Annabaev, Kanat Mussabekov. Radiomeasuring pressure transducer with sensitive MEMS Capacitor. PRZEGLĄD ELEKTROTECHNICZNY, Poland, ISSN 0033-2097, R. 93 NR 3/2017. –P.113-116. 2. Osadchuk V.S., Osadchuk A.V. The Microelectronic Radiomeasuring Transducers of Magnetic Field with a Frequency Output // Electronics and Electrical Engineering. – Kaunas: Technologija, 2011. –№4(110). –P.67-70. http://dx.doi.org/10.5755/j01.eee.110.4.289	Scopus

		<p>3. Osadchuk V.S., Osadchuk A.V. The magneticreactive effect in transistors for construction transducers of magnetic field // Electronics and Electrical Engineering. – Kaunas: Technologija, 2011. –№3(109). –P.119-122. http://dx.doi.org/10.5755/j01.eee.109.3.185</p> <p>4. Osadchuk V.S., Osadchuk A.V. The microelectronic transducers of pressure with the frequency // Electronics and Electrical Engineering. – Kaunas: Technologija, 2012. –№5(121). –P.105-108. http://dx.doi.org/10.5755/j01.eee.121.5.1661</p> <p>5. Osadchuk V.S., Osadchuk A.V. Radiomeasuring Microelectronic Transducers of Physical Quantities // Proceedings of the 2015 International Siberian Conference on Control and Communications (SIBCON). 21-23 May 2015. Omsk. DOI: 10.1109/SIBCON.2015.7147167</p>	
23	<p>Семенов Андрій Олександрович https://www.scopus.com/authid/detail.uri?authorId=55523102564 Всього – 16</p>	<p>1. Andriy Semenov. The Van der Pol's Mathematical Model of the Voltage-Controlled Oscillator Based on a Transistor Structure With Negative Resistance / Andriy Semenov // Proceedings of the XIII International Conference "Modern problems of radio engineering, telecommunications, and computer science", Lviv-Slavsko, Ukraine, February 23 – 26, 2016. – p. 100-104. IEEE Catalog Number: CFP1638R-PRT. ISBN: 978-617-607-806-7. DOI: 10.1109/TCSET.2016.7451982</p> <p>2. Oleksandr Osadchuk. Comparative Analysis of Radiomeasuring Frequency Converters of the Magnetic Field / Oleksandr Osadchuk, Kostyantyn Koval, Maksym Prytula, Andriy Semenov // Proceedings of the XIII International Conference "Modern problems of radio engineering, telecommunications, and computer science", Lviv-Slavsko, Ukraine, February 23 – 26, 2016. – p. 275-278. IEEE Catalog Number: CFP1638R-PRT. ISBN: 978-617-607-806-7. DOI: 10.1109/TCSET.2016.7452034</p> <p>3. Andriy Semenov. Mathematical Simulation of the Chaotic Oscillator Based on a Field-Effect Transistor Structure With Negative Resistance / Andriy Semenov // 2016 IEEE 36th International Conference on Electronics and Nanotechnology (ELNANO), National Technical University of Ukraine "Kyiv Polytechnic Institute", April 19-21, 2016, Kyiv, Ukraine p. 52 – 56. IEEE Catalog Number: CFP1605U-USB. ISBN: 978-1-5090-1430-9. DOI: 10.1109/ELNANO.2016.7493008</p> <p>4. Andriy Semenov. Reviewing the Mathematical Models and Electrical Circuits of Deterministic Chaos Transistor Oscillators / Andriy Semenov // 2016 International Siberian Conference on Control and Communications (SIBCON). Proceedings. – Moscow: National Research University "Higher School of Economics". Russia, Moscow, May 12–14, 2016. IEEE Catalog Number: CFP16794-CDR. Online ISSN: 2380-6516. DOI: 10.1109/SIBCON.2016.7491758</p> <p>5. Andriy O. Semenov. The Chaos Oscillator with Inertial Non-Linearity Based on a Transistor Structure with Negative Resistance / Andriy O. Semenov, Alexander V. Osadchuk, Iaroslav A. Osadchuk, Kostyantyn O. Koval, Maksym O. Prytula // 17th International Conference of Young Specialists on Micro/Nanotechnologies and Electron Devices EDM 2016, Erlagol, Altai - 30 June - 4 July, 2016: Conference Proceedings, 2016. – P. 178-184. ISBN 978-1-5090-0785-1. CFP16500-USB. DOI: 10.1109/EDM.2016.7538720</p>	Scopus

24	<p>Нікольський Олександр Іванович https://www.scopus.com/authid/detail.uri?authorId=6603538425 Всього – 23</p>	<p>1. Krasilenko, V.G.,Nikolsky, A.I.,Lazarev, A.A. Designing and simulation smart multifunctional continuous logic device as a basic cell of advanced high-performance sensor systems with MIMO-structure // Proceedings of SPIE - The International Society for Optical Engineering, 2015</p> <p>2. Krasilenko, V.G.,Nikolsky, A.I.,Lazarev, A.A. Simulation of reconfigurable multifunctional continuous logic devices as advanced components of the next generation high-performance MIMO-systems for the processing and interconnection // Proceedings of SPIE - The International Society for Optical Engineering, 2014</p> <p>3. Krasilenko, V.G.,Nikolsky, A.I.,Lazarev, A.A.,Krasilenko, O.V.,Krasilenko, I.A. Simulation of continuously logical ADC (CL ADC) of photocurrents as a basic cell of image processor and multichannel optical sensor systems // Proceedings of SPIE - The International Society for Optical Engineering, 2013</p> <p>4. Krasilenko, V.G.,Nikolsky, A.I.,Lazarev, A.A.,Magas, T.E. Simulation results of optoelectronic photocurrent reconfigurable (OPR) universal logic devices (ULD) as the universal circuitry basis for advanced parallel high-performance processing // Proceedings of SPIE - The International Society for Optical Engineering, 2012.</p> <p>5. Krasilenko, V.G.,Nikolsky, A.I.,Lazarev, A.A. Multichannel serial-parallel analog-to-digital converters based on current mirrors for multi-sensor systems // Proceedings of SPIE - The International Society for Optical Engineering, 2012</p>	Scopus
25	<p>Коваль Костянтин Олегович https://www.scopus.com/authid/detail.uri?authorId=35867934600 Всього – 9</p>	<p>1. Oleksandr Osadchuk. Comparative Analysis of Radiomeasuring Frequency Converters of the Magnetic Field / Oleksandr Osadchuk, Kostyantyn Koval, Maksym Prytula, Andriy Semenov // Proceedings of the XIII International Conference “Modern problems of radio engineering, telecommunications, and computer science”, Lviv-Slavsko, Ukraine, February 23 – 26, 2016. – p. 275-278. IEEE Catalog Number: CFP1638R-PRT. ISBN: 978-617-607-806-7. DOI: 10.1109/TCSET.2016.7452034</p> <p>2. Andriy O. Semenov. The Chaos Oscillator with Inertial Non-Linearity Based on a Transistor Structure with Negative Resistance / Andriy O. Semenov, Alexander V. Osadchuk, Iaroslav A. Osadchuk, Kostyantyn O. Koval, Maksym O. Prytula // 17th International Conference of Young Specialists on Micro/Nanotechnologies and Electron Devices EDM 2016, Erlagol, Altai - 30 June - 4 July, 2016: Conference Proceedings, 2016. – P. 178-184. ISBN 978-1-5090-0785-1. CFP16500-USB. DOI: 10.1109/EDM.2016.7538720</p> <p>3. Osadchuk A.V., Semenov A.A., Baraban S.V., Semenova E.A., Koval K.O. Noncontact infrared thermometer based on a self-oscillating lambda type system for measuring human body's temperature, pp. 106-107</p> <p>4. Osadchuk A.V. Electrically controllable microwave phase shifters based on capacitive effect of the transistor structure with negative resistance / Osadchuk A.V., Semenov A.A., Kova, K.O., Semenova E.A., Baraban, S.V. // CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceeding, pp. 1069-1070.</p> <p>5. Semenova, O., Semenov A., Koval K., Rudyk A., Chuho V. Access fuzzy controller for CDMA networks // 2013 International Siberian Conference on Control and Communications, SIBCON 2013 – Proceedings</p>	Scopus

26	<p>Осадчук Ярослав Александрович https://www.scopus.com/authid/detail.uri?authorId=57105513000 Всего – 5</p>	<p>1. Alexander Osadchuk, Iaroslav Osadchuk, Andrzej Smolarz, Nazym Kussambayeva. Pressure transducer of the on the basis of reactive properties of transistor structure with negative resistance. Proc. SPIE 9816, Optical Fibers and Their Applications 2015, 98161C (December 18, 2015); doi:10.1117/12.2229211</p> <p>2. Osadchuk A.V., Osadchuk I.A. Frequency transducer of the pressure on the basis of reactive properties of transistor structure with negative resistance // Proceedings of the 2015 International Siberian Conference on Control and Communications (SIBCON). 21-23 May 2015. Omsk. DOI: 10.1109/SIBCON.2015.7147168</p> <p>3. A.V. Osadchuk, V.S.Osadchuk, I.A.Osadchuk The Generator of Superhigh Frequencies on the Basis Silicon Germanium Heterojunction Bipolar Transistors. Proceedings of the XIIIth International Conference TCSET'2016. " Modern problems of radio engineering, telecommunications, and computer science". Lviv-Slavsko, Ukraine February 23 – 26, 2016. –P.336-338.</p> <p>4. A.V. Osadchuk, V.S. Osadchuk, I.A. Osadchuk, Piotr Kisala, Tomasz Zyska, Azamat Annabaev, Kanat Mussabekov. Radiomeasuring pressure transducer with sensitive MEMS Capacitor. PRZEGLĄD ELEKTROTECHNICZNY, Poland, ISSN 0033-2097, R. 93 NR 3/2017. –P.113-116.</p> <p>5. A.V. Osadchuk, A.O. Semenov, I.A. Osadchuk, K.O. Koval, M.O. Prytula. The Chaos Oscillator with Inertial Non-Linearity Based on a Transistor Structure with Negative Resistance. 17th International Conference of Young Specialists on Micro/Nanotechnologies and Electron Devices EDM 2016, Erlagol, Altai - 30 June - 4 July, 2016: Conference Proceedings, 2016. – P. 178-184.ISBN 978-1-5090-0785-1 CFP16500-USB</p>	Scopus
27	<p>Кичак Василь Мартинович https://www.scopus.com/authid/detail.uri?authorId=8403983900 Всего – 12</p>	<p>1. Initial data processing algorithms of bit error rate testers. - Modern Problems of Radio Engineering, Telecommunications and Computer Science, Proceedings of the 13th International Conference on TCSET 2016. - 2016</p> <p>2. Radio-frequency arbitrary-function logical device synthesizing. - Modern Problems of Radio Engineering, Telecommunications and Computer Science, Proceedings of the 13th International Conference on TCSET 2016. - 2016</p> <p>3. Computer-aided design of digital radio devices with frequency representation of information. - Modern Problems of Radio Engineering, Telecommunications and Computer Science - Proceedings of the 11th International Conference, TCSET'2012. – 2012.</p> <p>4. Using the thermal-field measurements to evaluation the parameters of the MC based on AS. - Modern Problems of Radio Engineering, Telecommunications and Computer Science - Proceedings of the 11th International Conference, TCSET'2012. - 2012</p> <p>5. Compensation of non-stationary temporal errors of the measurement channel. - Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika). – 2010.</p>	Scopus
28	<p>Бортник Генадій Григорович https://www.scopus.com/authid/detail.uri?authorId=24479381300 Всего – 6</p>	<p>1. Phase jitter estimation in radio channels of telecommunication systems. - Modern Problems of Radio Engineering, Telecommunications and Computer Science - Proceedings of the 11th International Conference, TCSET'2012. – 2012.</p> <p>2. Correction of clock jitter in analog-digital equipment of telecommunication system. - Modern Problems of Radio Engineering, Telecommunications and Computer Science - Proceedings of the 10th International Conference, TCSET'2010. – 2010.</p> <p>3. The analysis of time signals jitter influence on the telecommunication systems work quality. - TCSET 2008 - Modern Problems of Radio Engineering, Telecommunications and Computer Science - Proceedings of the International Conference. – 2008.</p>	Scopus

		<p>4. The mathematical model of the analog-digital converter. - Modern Problems of Radio Engineering, Telecommunications and Computer Science Proceedings of International Conference, TCSET 2006. – 2006.</p> <p>5. Discrete fourier transformation of the large implementations of signals. - Modern Problems of Radio Engineering, Telecommunications and Computer Science. Proceedings of the International Conference TCSET'2004. – 2004.</p>	
29	<p>Романюк Сергій Олександрови Author ID: 56825790400</p> <p>Всього – 5 публікацій</p>	<p>1. Using a priori data for segmentation anatomical structures of the brain, Przegląd Elektrotechniczny, 2017</p> <p>2. Quality improvement of diagnosis of the electromyography data based on statistical characteristics of the measured signals, Proceedings of SPIE - The International Society for Optical Engineering, 2016</p> <p>3. New method to control color intensity for antialiasing, 2015 International Siberian Conference on Control and Communications, SIBCON 2015 – Proceedings</p> <p>4. Computer system for forecasting surgery on the eye muscles, Proceedings of SPIE - The International Society for Optical Engineering, 2015</p> <p>5. Method of anti-Aliasing with the use of the new pixel model, Proceedings of SPIE - The International Society for Optical Engineering, 2015</p>	Scopus
30	<p>Семенова Олена Олександрівна Author ID: 36728178500</p> <p>Всього – 9 публікацій</p>	<p>1. Routing in telecommunication networks using fuzzy logic. - International Conference of Young Specialists on Micro/Nanotechnologies and Electron Devices, EDM. – 2016.</p> <p>2. The UHF oscillators based on a HEMT structure with negative conductivity. - International Siberian Conference on Control and Communications, SIBCON 2015 – Proceedings. – 2015.</p> <p>3. The fuzzy-controller for WiMAX networks. - International Siberian Conference on Control and Communications, SIBCON 2015 – Proceedings. 2015.</p> <p>4. Noncontact infrared thermometer based on a self-oscillating lambda type system for measuring human body's temperature. - CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings. – 2013.</p> <p>5. Electrically controllable microwave phase shifters based on capacitive effect of the transistor structure with negative resistance. - CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings. – 2013.</p>	Scopus
31	<p>Філінюк Микола Антонович Author ID: 6603219385</p> <p>Всього - 18 публікацій</p>	<p>1. Short historical review of development of scientific branch "negatronics", AEU - International Journal of Electronics and Communications, 2014</p> <p>2. Smart negasensor on C-negatrons, CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, 2013</p> <p>3. Measurements of parameters of multi-parameter generalized immittance convertors, CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, 2013</p> <p>4. Immittance logic for signal procesors, CriMiCo 2011 - 2011 21st International Crimean Conference: Microwave and Telecommunication Technology, Conference Proceedings, 2011</p> <p>5. Radio frequency sensors on base of generalized transformers of immittance, KpbiMuKo 2010 CriMiCo - 2010 20th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, 2010</p>	Scopus

		<p>6. Measuring parameters of physical models of multielectrode semiconductor structures , KpbiMuKo 2008 CriMiCo - 18th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, 2008</p> <p>7. Dual gate FET based active microwave filters, TCSET 2008 - Modern Problems of Radio Engineering, Telecommunications and Computer Science - Proceedings of the International Conference, 2008</p> <p>8. Active controlled resonators on field-effect transistors, 2007 17th International Crimean Conference - Microwave and Telecommunication Technology, CRIMICO, 2007</p> <p>9. The way of measurement of the two-port network stability invariant factors, 2006 16th International Crimean Microwave and Telecommunication Technology, CriMiCo, 2006</p> <p>10. Measure of non-standard systems of Z- and S-parameters for microwave two-ports, 2005 15th International Crimean Conference Microwave and Telecommunication Technology, CriMiCo'2005 - Conference Proceedings, 2005</p> <p>11. Parameters determination of physical equivalent circuit of Schottky dual-gate MESFET, Izvestiya Vysshikh Uchebnykh Zavedenij, Radioelektronika, 2004</p> <p>12. Experimental determination of the limiting frequency of the active region of a Field-Effect Transistor chip, Radioelectronics and Communications Systems, 1987</p> <p>13. ANALYSIS OF THE MAXIMUM FREQUENCY OF A COMMON-COLLECTOR TRANSISTOR CIRCUIT IN THE AVALANCHE MULTIPLICATION REGIME, Radio Engineering and Electronic Physics, 1987</p> <p>14. ACTIVE UHF FILTERS BASED ON TRANSISTOR IMMITTANCE CONVERTERS, Radio Engineering and Electronic Physics, 1983</p> <p>15. Parameter Determination of Physical Equivalent Circuit of HF Transistors, Izvestiya Vysshikh Uchebnykh Zavedenij, Radioelektronika, 1982</p> <p>16. NONRECIPROCAL ACTIVE MICROWAVE FILTER, Telecommunications and Radio Engineering, 1982</p> <p>17. TEMPERATURE STABILIZATION OF AN ACTIVE MICROWAVE FILTER, Telecommunications and Radio Engineering, 1980</p>	
32	<p>Мокін Віталій Борисович https://www.scopus.com/authid/detail.uri?authorId=21741188200</p>	<p>Determining the conditions and designing the methods for description of processes in complex dynamic objects by equivalent models not higher than the third-order // Mokin, A.B. Mokin, V.B., Mokin, B.I., Chernova, I.A. / Journal of Automation and Information Sciences – 2016</p> <p>Decision support system for the use of funds received from higher education institution paid services // Mokin, B.I., Mokin, V.B., Mokina, Y.V. / Actual Problems of Economics – 2016</p> <p>Optimization of hydrographic and water-management regionalization of Ukraine according to world approaches and principles of the eu water framework directive // Grebin, V.V., Mokin, V.B., Kryzhanivskiy, Y.M., Afanasyev, S.A. / Hydrobiological Journal – 2016</p> <p>Information measuring systems with mobile devices for identification of air pollution parameters caused by transport // Mokin, V.B., Goriachev, G.V., Dziuniak, D.Y., (...), Duk, M., Sailarbek, S. / Proceedings of SPIE - The International Society for Optical Engineering – 2016</p>	Scopus

		<p>Method for determining and optimization of observability of multivariable spatially distributed systems using geoinformation parameter space // Mokin, V.B. Varchuk, I.V. / Naukovyi Visnyk Natsionalnoho Hirnychoho Universytetu – 2015</p> <p>Control and minimization of allergenic plants impact on bronchial asthma morbidity, based on spatial-Temporal data model // Vuzh, T.Y., Mokin, V.B., Wójcik, W., Imanbek, B. / Proceedings of SPIE - The International Society for Optical Engineering – 2015</p> <p>Automation of measurement processing of substance concentration in water by photometric methods in monitoring and control system of a state // Mokin, V.B., Botsula, M.P., Yascholt, A.R., Wojcik, W., Burlibay, A. / Proceedings of SPIE - The International Society for Optical Engineering – 2013</p> <p>Simulation of dynamics of processes of water biological purification with account of their serial-concurrent interrelation in the aquatic systems // Mokin, V.B. / Hydrobiological Journal – 2012</p> <p>Development of the geoinformation system of the state ecological monitoring // Mokin, V.B. / NATO Security through Science Series C: Environmental Security – 2007</p>	
33	<p>Квстний Роман Наумович https://www.scopus.com/authid/detail.uri?authorId=57105537500</p>	<p>Usage of the hybrid encryption in a cloud instant messages exchange system // Kvyetnyy, R.N., Romanyuk, O.N., Titarchuk, E.O., Gromaszek, K., Mussabekov, N. / Proceedings of SPIE - The International Society for Optical Engineering – 2016</p> <p>Improving the quality perception of digital images using modified method of the eye aberration correction // Kvyetnyy, R., Sofina, O., Orlyk, P., (...), Wójcik, W., Orazalieva, S. / Proceedings of SPIE - The International Society for Optical Engineering – 2016</p> <p>Modification of fractal coding algorithm by a combination of modern technologies and parallel computations // Kvyetnyy, R.N., Sofina, O.Y., Lozun, A.V., Smolarz, A., Zhirnova, O. / Proceedings of SPIE - The International Society for Optical Engineering – 2015</p> <p>Blur recognition using second fundamental form of image surface // Kvyetnyy, R., Bunyak, Y., Sofina, O., (...), Romaniuk, R.S., Tuleshova, A. / Proceedings of SPIE - The International Society for Optical Engineering – 2015</p> <p>Anti-aliasing algorithms based on self-similar multitudes // Kvetny, R.N., Kostrova, C., Bogatch / Proceedings of SPIE - The International Society for Optical Engineering – 2001</p>	Scopus
34	<p>Бісікало Олег Володимирович https://www.scopus.com/authid/detail.uri?authorId=57105837600</p>	<p>System of computational linguistic on base of the figurative text comprehension // Bisikalo, O., Lisovenko, A., Jahumovuch, O., Trachenko, S., Pradivliannyi, M. / Proceedings of the 2016 IEEE 1st International Conference on Data Stream Mining and Processing, DSMP – 2016</p> <p>Complexity class of semantics-related tasks of text processing // Bisikalo, O., Bogach, I. / CEUR Workshop Proceedings – 2016</p> <p>Development of dialog system powered by textual educational content // Bisikalo, O.V., Dovgalets, S.M., Pijarski, P., Lisovenko, A.I. / Proceedings of SPIE - The International Society for Optical Engineering – 2016</p> <p>Method of determining of keywords in English texts based on the DKPro Core // Bisikalo, O.V., Wójcik, W., Yahimovich, O.V., Smailova, S. / Proceedings of SPIE - The International Society for Optical Engineering – 2016</p> <p>Solving problems on base of concepts formalization of language image and figurative meaning of the natural-language constructs // Bisikalo, O.V., Cisszczyk, S., Yussupova, G. / Proceedings of SPIE - The International Society for Optical Engineering – 2015</p>	Scopus

35	<p>Дубовой Володимир Михайлович https://www.scopus.com/authid/detail.uri?authorId=6603193226</p>	<p>Evaluation of uncertainty of control by measurement with logical conditions // Dubovoi, V.M., Yukhymchuk, M.S., Sawicki, D., (...), Abdreshova, S., Orakbayev, Y. / Proceedings of SPIE - The International Society for Optical Engineering – 2016</p> <p>Synthesis of the control algorithm of cyclicity for branched technological process // Dubovoi, V.M., Pylypenko, I.V., Wójcik, W., Sailarbek, S. / Proceedings of SPIE - The International Society for Optical Engineering – 2015</p> <p>Optimization of hierarchical management of technological processes // Bayas, M.M., Dubovoy, V.M., Shegebaeva, J., Gromaszek, K / Proceedings of SPIE - The International Society for Optical Engineering – 2015</p> <p>Coordination in serial-parallel image processing // Wójcik, W., Dubovoi, V.M., Duda, M.E., (...), Yesmakhanova, L., Kozbakova, A. / Proceedings of SPIE - The International Society for Optical Engineering – 2015</p> <p>Efficient resources allocation in technological processes using an approximate algorithm based on random walk // Bayas, M.M., Dubovoy, V.M. / International Journal of Engineering and Technology – 2013</p> <p>Efficient resources allocation in technological processes using genetic algorithm // Bayas, M.M., Dubovoy, V.M. / Middle East Journal of Scientific Research – 2013</p> <p>Thirteen international conference on automatic control "Avtomatika- 2006" // Dubovoi, V.M., Lebedev, D.V / Journal of Automation and Information Sciences – 2013</p> <p>The information characteristics of optical sensors // Dubovoy, V.M. / Proceedings of SPIE - The International Society for Optical Engineering – 2001</p>	Scopus
36	<p>Штовба Сергій Дмитрович https://www.scopus.com/authid/detail.uri?authorId=6507753602</p>	<p>Analyzing the criteria for fuzzy classifier learning // Shtovba, S.D., Pankevich, O.D., Nagorna, A.V. / Automatic Control and Computer Sciences – 2015</p> <p>A citation index with allowance for the implicit diffusion of scientific knowledge // Shtovba, S.D., Shtovba, E.V. / Scientific and Technical Information Processing – 2013</p> <p>Modeling of the human operator reliability with the aid of the Sugeno fuzzy knowledge base // Rotshtein, A.P., Shtovba, S.D. / Automation and Remote Control – 2009</p> <p>Ensuring accuracy and transparency of mamdani fuzzy model in learning by experimental data // Shtovba, S.D. / Journal of Automation and Information Sciences – 2007</p> <p>Identification of a nonlinear dependence by a fuzzy knowledgebase in the case of a fuzzy training set // Rotshteina, A.P., Shtovbab, S.D. / Cybernetics and Systems Analysis – 2006</p> <p>Ant algorithms: Theory and applications // Shtovba, S.D. / Programming and Computer Software – 2005</p> <p>Influence of methods of defuzzification on speed of tuning the fuzzy model // Rotshtejn, A.P., Shtovba, S.D. / Kibernetika i Sistemnyj Analiz – 2002</p>	Scopus
37	<p>Кучерук Володимир Юрійович https://www.scopus.com/authid/detail.uri?authorId=55847607800</p>	<p>Invariant embedding method for rotor parameters identification of induction motors // Kucheruk, V., Kurytnik, I.P., Kulakov, P., Hrabovskiy, O. / Przegląd Elektrotechniczny – 2016</p> <p>Deterministic chaos in RL-diode circuits and its application in metrology // Kucheruk, V., Katsyv, S., Glushko, M., (...), Taissariyeva, K., Mussabekov, K. / Proceedings of SPIE - The International Society for Optical Engineering – 2016</p> <p>The method of translation additive and multiplicative error in the instrumental component of the measurement uncertainty // Vasilevskiy, O.M., Kucheruk, V.Y., Bogachuk, V.V., (...), Smailova, S., Askarova, N. / Proceedings of SPIE - The International Society for Optical Engineering – 2016</p>	Scopus

		<p>RL-diode generator of chaotic oscillations as resistance - voltage converter // Kucheruk, V., Warsza, Z.L., Sevastyanow, V., Mankowska, W. / Przegląd Elektrotechniczny – 2013</p> <p>The usage of the linear interpolating filter for an accurate fluctuation fading time measuring activated in LC-circuit // Kucheruk, V., Ovchynnykov, K., Molchaniuk, M., Kurytnik, I.P. / Przegląd Elektrotechniczny – 2013</p>	
38	<p>Васілевський Олександр Миколайович https://www.scopus.com/authid/detail.uri?authorId=55948462900</p>	<p>Routing in telecommunication networks using fuzzy logic // Semenov, A.A., Semenova, O.O., Voznyak, O.M., Vasilevskiy, O.M., Yakovlev, M.Y. / International Conference of Young Specialists on Micro/Nanotechnologies and Electron Devices, EDM –</p> <p>The method of translation additive and multiplicative error in the instrumental component of the measurement uncertainty // Vasilevskiy, O.M., Kucheruk, V.Y., Bogachuk, V.V., (...), Smailova, S., Askarova, N. / Proceedings of SPIE - The International Society for Optical Engineering – 2016</p> <p>A frequency method for dynamic uncertainty evaluation of measurement during modes of dynamic operation // Vasilevskiy, O.M. / International Journal of Metrology and Quality Engineering – 2015</p> <p>Methods of determining the recalibration interval measurement tools based on the concept of uncertainty // Vasilevskiy, O.M. / Technical Electrodynamics – 2014</p> <p>Calibration method to assess the accuracy of measurement devices using the theory of uncertainty // Vasilevskiy, O.M. / International Journal of Metrology and Quality Engineering – 2014</p> <p>Advanced mathematical model of measuring the starting torque motors // Vasilevskiy, O.M. / Technical Electrodynamics – 2013</p>	Scopus
39	<p>Заболотна Наталя Іванівна https://www.scopus.com/authid/detail.uri?authorId=50562419200</p>	<p>Quality improvement of diagnosis of the electromyography data based on statistical characteristics of the measured signals // Selivanova, K.G., Avrunin, O.G., Zlepko, S.M., (...), Komada, P., Smailova, S. / Proceedings of SPIE - The International Society for Optical Engineering – 2016</p> <p>System of polarization phasometry of polycrystalline blood plasma networks in mammary gland pathology diagnostics // Zabolotna, N.I., Oliinychenko, B.P., Radchenko, K.O., Krasnoshchoka, A.K., Shcherba, O.K. / Proceedings of SPIE - The International Society for Optical Engineering – 2015</p> <p>Diagnostic efficiency of Mueller-matrix polarization reconstruction system of the phase structure of liver tissue // Zabolotna, N.I., Pavlov, S.V., Radchenko, K.O., (...), Wójcik, W., Kussambayeva, N. / Proceedings of SPIE - The International Society for Optical Engineering – 2015</p> <p>A multifunctional automated system of 2D laser polarimetry of biological tissues // Zabolotna, N.I., Radchenko, K.O. / Proceedings of SPIE - The International Society for Optical Engineering – 2014</p> <p>Multivariate system of polarization tomography of biological crystals birefringence networks // Zabolotna, N.I., Pavlov, S.V., Ushenko, A.G., Sobko, O.V., Savich, V.O. / Proceedings of SPIE - The International Society for Optical Engineering – 2014</p> <p>Diagnostics of pathologically changed birefringent networks by means of phase Mueller matrix tomography // Zabolotna, N.I., Wojcik, W., Pavlov, S.V., Ushenko, O.G., Suleimenov, B. / Proceedings of SPIE - The International Society for Optical Engineering – 2013</p> <p>Mueller-matrices polarization selection of two-dimensional linear and circular birefringence images // Ushenko, V.A., Zabolotna, N.I., Pavlov, S.V., Burcovets, D.M., Novakovska, O.Yu. / Proceedings of SPIE - The International Society for Optical Engineering – 2013</p>	Scopus

		Mueller-matrix diagnostics of optical properties of polycrystalline networks of human blood plasma // Ushenko, Yu.A., Ushenko, V.A., Dubolazov, A.V., Balanetskaya, V.O., Zabolotna, N.I. / Optics and Spectroscopy (English translation of Optika i Spektroskopiya) – 2012	
40	Мартинюк Тетяна Борисівна https://www.scopus.com/authid/detail.uri?authorId=6603117582	Neural network approach in the stroke diagnosis // Kupershtein, L., Martyniuk, T., Voitovych, O., Krentsin, M. / Proceedings of the 2016 IEEE 1st International Conference on Data Stream Mining and Processing, DSMP – 2016 Formalization of the Object Classification Algorithm // Martyniuk, T.B., Kozhemiako, A.V., Kupershtein, L.M. / Cybernetics and Systems Analysis – 2015 Applications of discriminant analysis methods in medical diagnostics // Martyniuk, T.B., Kupershtein, L.M., Medvid, A.V., (...), Wojcik, W., Yuchshenko, O. / Proceedings of SPIE - The International Society for Optical Engineering – 2013 Data array multiprocessing by difference slices // Martyniuk, T.B., Khomyuk, V.V. / Cybernetics and Systems Analysis – 2011 Distinctive features of structural programming of synchronous sorting algorithms // Kozhemiako, V.P., Martyniuk, T.B., Khomyuk, V.V. / Cybernetics and Systems Analysis – 2006 Features of sorting memory realization // Martyniuk, T., Vasilyeva, T., Suprigan, V., Al-Heyari, M. / Proceedings	Scopus
41	Тужанський Станіслав Євгенович https://www.scopus.com/authid/detail.uri?authorId=14057195000	Polarimetric characterisation of histological section of skin with pathological changes // Rovira, R.H., Tuzhanskyi, S.Y., Pavlov, S.V., (...), Małecka-Massalska, T., Dzierlak, R. / Proceedings of SPIE - The International Society for Optical Engineering – 2016 Fiber optic gyroscope based on the registration of the spatial interference pattern // Tuzhanskyi, S., Sakhno, A. / Proceedings of Frontiers in Optics 2015, FIO – 2015 Fiber optic gyroscope based on the registration of the spatial interference pattern // Tuzhanskyi, S.Y., Sakhno, A.M., Komada, P., Kashaganova, G. / Proceedings of SPIE - The International Society for Optical Engineering – 2015 Functional organization of eye-processor optical-electronic tomograph for breast tissue visualization // Zabolotna, N., Tuzhanskyi, S., Sholota, V., Oliinichenko, B. / Modern Problems of Radio Engineering, Telecommunications and Computer Science - Proceedings of the 10th International Conference, TCSET2010 – 2010 Methods and means of polarization parameter control in biotissue imaging polarimetry // Tuzhanskyi, S.Y. / Proceedings of SPIE - The International Society for Optical Engineering – 2007 Influence of imperfections of polarization elements on measurement errors in three probing polarizations method // Savenkov, S.N., Oberemok, Ye.A., Skoblya, Yu.A., Klimov, A.S., Tuzhanskyi, S.Y. / Proceedings of SPIE - The International Society for Optical Engineering – 2006	Scopus
42	Кожем'яко Володимир Прокопович Author ID: 6602423322 Всього – 7 публікацій	1. The use polynomials as a possible variant analytical processing of logic-Time functions, Proceedings of SPIE - The International Society for Optical Engineering, 2015 2. Distinctive features of structural programming of synchronous sorting algorithms, Cybernetics and Systems Analysis, 2006 3. Logic-temporal functions processing for objects recognition, Proceedings of SPIE-The International Society for Optical Engineering, 2001 4. Speeding up of fractal image compression, Proceedings of SPIE - The International Society for Optical Engineering, 2001	Scopus

		<p>5. Logic-temporary function derivative using in image recognition, Proceedings of SPIE - The International Society for Optical Engineering, 2001</p> <p>6. Coding of images by methods of a spline interpolation, Proceedings of SPIE - The International Society for Optical Engineering, 2000</p> <p>7. Optical method for analysis of eye conjunctiva microcirculation, Proceedings of SPIE - The International Society for Optical Engineering, 2000</p>	
43	<p>Михалевич Володимир Маркусевиц Mikhalevich, V. M. Author ID: 7004598798 Всього – 18 публікацій</p>	<p>1. Manufacture of hardmetal cutting plates using barothermal self-propagating high-temperature synthesis, Powder Metallurgy and Metal Ceramics, 2013</p> <p>2. Theory and technology of barothermal self-propagating high-temperature synthesis based on damage accumulation modeling, Powder Metallurgy and Metal Ceramics, 2013</p> <p>3. Scientific and technical section modeling of plastic deformation in a cylindrical specimen under edge compression, Strength of Materials, 2011</p> <p>4. Criterial relationships for residual life assessment of materials, Strength of Materials, 2006</p> <p>5. On the choice of stress invariants in solving problems of mechanics, Strength of Materials, 2003</p> <p>6. Stress invariant selection in solving problems of material mechanics, Problemy Prochnosti, 2003</p> <p>7. Tensor models of rupture strength. report no. 3. criterional relations for loading with a change in stress state and the directions of the principal stresses, Strength of Materials, 1996</p> <p>8. Tensor models of endurance limit. Communication 3. Criterial relationships for loading with variation of stressed state and directions of principal stresses, Problemy Prochnosti, 1996</p> <p>9. The tensor models of endurance limit. Communication 2. Criterial relations under stepped loading conditions, Problemy Prochnosti, 1995</p> <p>10. Tensor models of rupture strength. Report no. 1. Steady loading of initially isotropic and anisotropic bodies, Strength of Materials, 1995</p> <p>11. Tensor models of rupture strength. Report no. 2. Criterional relations for stepped loading regimes, Strength of Materials, 1995</p> <p>12. Plasticity with cyclic hot working, Strength of Materials, 1994</p> <p>13. Plasticity at cyclic hot straining, Problemy Prochnosti, 1994</p> <p>14. Isothermal blades rolling, Kuznechno-Shtampovochnoe Proizvodstvo, 1994</p> <p>15. Analysis of metals deformability during surface parts hardening, Kuznechno-Shtampovochnoe Proizvodstvo, 1993</p> <p>16. Models of defects accumulation for solids with original and strain-induced anisotropy, Izvestia Akademii nauk SSSR. Metally, 1993</p> <p>17. The model of ultimate strains during hot deformation, Izvestiya AN SSSR: Metally, 1991</p> <p>18. BILINEAR LOGICAL-DYNAMIC MODEL FOR CONTROLLED PROCESSES, Cybernetics and Computing Technology (English translation of Kibernetikai Vychislitel'naya Tekhnika, 1982)</p>	Scopus
44	<p>Дереч Володимир Дмитрович Derech, V. D. Author ID: 8857435500 Всього 14 публікацій</p>	<p>1. Complete Classification of Finite Semigroups for Which the Inverse Monoid of Local Automorphisms is a Permutable Semigroup, Ukrainian Mathematical Journal, 2017</p> <p>2. Classification of Finite Nilsemigroups For Which the Inverse Monoid of Local Automorphisms is a Permutable Semigroup, Ukrainian Mathematical Journal, 2016</p> <p>3. Classification of Finite Commutative Semigroups for Which the Inverse Monoid of Local Automorphisms is a Δ-Semigroup, Ukrainian Mathematical Journal, 2015</p>	Scopus

		<p>4. Stable quasiorderings on some permutable inverse monoids, Ukrainian Mathematical Journal, 2014</p> <p>5. On One Class of Factorizable Fundamental Inverse Monoids, Ukrainian Mathematical Journal, 2013</p> <p>6. Classification of finite commutative semigroups for which the inverse monoid of local automorphisms is permutable, Ukrainian Mathematical Journal, 2012</p> <p>7. Structure of a finite commutative inverse semigroup and a finite bundle for which the inverse monoid of local automorphisms is permutable, Ukrainian Mathematical Journal, 2012</p> <p>8. Structure of a finite inverse semigroup with zero every stable order on which is fundamental or antifundamental, Ukrainian Mathematical Journal, 2010</p> <p>9. Structure of a Munn semigroup of finite rank every stable order of which is fundamental or antifundamental, Ukrainian Mathematical Journal, 2009</p> <p>10. On maximal stable orders on an inverse semigroup of finite rank with zero, Ukrainian Mathematical Journal, 2008</p> <p>11. Characterization of the semilattice of idempotents of a finite-rank permutable inverse semigroup with zero, Ukrainian Mathematical Journal, 2007</p> <p>12. Structure of a permutable Munn semigroup of finite rank, Ukrainian Mathematical Journal, 2006</p> <p>13. Congruences of a permutable inverse semigroup of finite rank, Ukrainian Mathematical Journal, 2005</p> <p>14. On permutable congruences on antigroups of finite rank, Ukrainian Mathematical Journal 2004</p>	
45	<p>Колесницький Олег Костянтинович Kolesnytskyj, O. K. Author ID: 6507709229 Всього – 14 публікацій</p>	<p>1. Optoelectronic spiking neural network, Proceedings of SPIE - The International Society for Optical Engineering, 2013</p> <p>2. Optoelectronic implementation of pulsed neurons and neural networks using bispin-devices, Optical Memory and Neural Networks (Information Optics), 2010</p> <p>3. Design of optoelectronic scalar-relation vector processors with time-pulse coding, Proceedings of SPIE - The International Society for Optical Engineering, 2005</p> <p>4. Analysis of modern authentication means for information security systems, Upravlyayushchie Sistemy i Mashiny, 2004</p> <p>5. Application prospects of pulsed neural networks with timer data representation for dynamic pattern recognition, Upravlyayushchie Sistemy i Mashiny, 2003</p> <p>6. Bispin-based optoelectronic neuron element, Proceedings of SPIE - The International Society for Optical Engineering, 2001</p> <p>7. Application of non-linear correlation functions and equivalence models in advanced neuronets, Proceedings of SPIE - The International Society for Optical Engineering, 1997</p> <p>8. Lines of optoelectronic neural elements with optical inputs/outputs based on BISPIN-devices for optical neural networks, Proceedings of SPIE - The International Society for Optical Engineering, 1995</p> <p>9. Creation opportunities for optoelectronic continuous logic neural elements which are the universal circuitry macrobasis of optical neural networks, Proceedings of SPIE - The International Society for Optical Engineering, 1995</p> <p>10. Integrated optical multichannel logical elements, Optical Engineering, 1995</p> <p>11. Universal integral-optical multichannel logical elements, Proceedings of SPIE - The International Society for Optical Engineering, 1995</p>	Scopus

		<p>12. Universal intergral-optical multichannel logical elements, Proceedings of SPIE - The International Society for Optical Engineering, 1994</p> <p>13. Multielement LBF-32/07 and LBF-24/08 rules for silicon bispin-photodetectors, Pribory i Tekhnika Eksperimenta, 1992</p> <p>14. Analog-to-digital converters of picture-type images for optoelectronic digital processors, Avtometriya, 1992</p>	
46	<p>Яровий Андрій Анатолійович Yarovy, Andrii A. A. Author ID: 6507296188 Всього – 13 публікацій</p>	<p>1. The method of parallel-hierarchical transformation for rapid recognition of dynamic images using GPGPU technology, Proceedings of SPIE - The International Society for Optical Engineering, 2016</p> <p>2. New approach for the detection of noise-distorted signals based on the method of S-preparation, IET Image Processing, 2014</p> <p>3. Method of predicting the position of the energy center of the image of a laser beam using a parallel-hierarchical network, Cybernetics and Systems Analysis, 2013</p> <p>4. Application of multi-level parallel-hierarchic systems based on GPU in laser beam shaping problems, Journal of Theoretical and Applied Information Technology, 2013</p> <p>5. A new approach to detection of noise-distorted signals based on the method of S-preparation, 2012 9th International Symposium on Telecommunications, BIHTEL 2012 – Proceedings, 2012</p> <p>6. Parallel-hierarchical computing system for multi-level transformation of masked digital signals, Advances in Electrical and Computer Engineering, 2012</p> <p>7. Methodological principles of pyramidal and parallel-hierarchical image processing on the base of neural-like network systems, Advances in Electrical and Computer Engineering, 2008</p> <p>8. Analysis of the methodological approaches in connection with the problem solving of extrapolation of object trajectory, Proceedings of SPIE - The International Society for Optical Engineering, 2003</p> <p>9. Nanotechnological quantrunum eye-processors on the basis of new generation of data conversion, Proceedings of the 2nd IEEE International Workshop on Intelligent Data Acquisition and Advanced Computing Systems: Technology and Applications, IDAACS, 2003</p> <p>10. Method for training of a parallel-hierarchical network, based on population coding for processing of extended laser paths images, Proceedings of SPIE - The International Society for Optical Engineering, 2002</p> <p>11. Optical pattern computers: Classification by characteristics of optical fibre information-energy networks and prospect of its development, Proceedings of LFNM 2002 - 4th International Workshop on Laser and Fiber-Optical Networks Modeling, 2002</p> <p>12. Light physical constants as object limiting units of the information, Proceedings of SPIE - The International Society for Optical Engineering, 2001</p> <p>13. Opto-quantronum converters of the information, Proceedings of SPIE - The International Society for Optical Engineering, 2001</p>	Scopus
47	<p>Савчук Тамара Олександрівна Savchuk, Tamara O. Author ID: 56001988500 Всього 5 публікацій</p>	<p>1. Development of cloud application efficiency evaluation criterion, EasternEuropean Journal of Enterprise Technologies, 2015</p> <p>2. Information technology of clustering problem situations in computing and office equipment, Proceedings of SPIE - The International Society for Optical Engineering, 2015</p>	Scopus

		<p>3. Transformation of "user-object" matrix for the collaborative filtering [Przekształcenie macierzy "user-object" w filtrowaniu kolaboracyjnym], Przegląd Elektrotechniczny, 2014</p> <p>4. Forecasting the state of technogenic emergency situation on the railway transport using data mining technologies [Prognozowanie technogennych sytuacji awaryjnych w transporcie kolejowym z wykorzystaniem technik data mining], 2014</p> <p>5. Identification of technogenic emergency situations in railway transport using cluster analysis [Identyfikacja technogennych sytuacji awaryjnych w transporcie kolejowym], Przegląd Elektrotechniczny, 2014</p>	
48	<p>Ракитянська Ганна Борисівна Rakutyanska, Hanna B. Author ID: 6505831119 Всього – 17 публікацій</p>	<p>1. Optimization of knowledge bases on the basis of fuzzy relations by the criteria "accuracy - Complexity", EasternEuropean Journal of Enterprise TechnologiesOpen Access, 2017</p> <p>2. Fuzzy classification knowledge base construction based on trend rules and inverse inference, EasternEuropean Journal of Enterprise Technologies, 2015</p> <p>3. Neural-network approach to structural tuning of classification rules based on fuzzy relational equations, EasternEuropean Journal of Enterprise Technologies, 2015</p> <p>4. Adaptive refinement of fuzzy knowledge bases using trend rules and inverse inference, Proceedings - 2015 8th International Conference on Human System Interaction, HSI 2015, 2015</p> <p>5. Optimal design of rule-based systems by solving fuzzy relational equations, Studies in Computational Intelligence, 2015</p> <p>6. Expert rules refinement by solving fuzzy relational equations, 2013 6th International Conference on Human System Interactions, HSI 2013, 2013</p> <p>7. Fuzzy evidence in identification, forecasting and diagnosis, Studies in Fuzziness and Soft Computing, 2012</p> <p>8. Fuzzy genetic object identification: Multiple inputs/multiple outputs case, Advances in Intelligent and Soft Computing, 2012</p> <p>9. Fuzzy logic and the least squares method in diagnosis problem solving (Book Chapter), Genetic Diagnoses, 2011</p> <p>10. Multiple-inputs multiple-outputs object identification based on fuzzy relations and genetic algorithm, 3rd International Conference on Human System Interaction, HSI'2010 - Conference Proceedings, 2010</p> <p>11. Adaptive diagnostic system based on fuzzy relations, Cybernetics and Systems Analysis, 2009</p> <p>12. Diagnosis based on fuzzy IF-THEN rules and genetic algorithms, Advances in Intelligent and Soft Computing, 2009</p> <p>13. Diagnosis based on fuzzy IF-THEN rules and genetic algorithms, 2008 Conference on Human System Interaction, HSI 2008, 2008</p> <p>14. Diagnosis problem solving using fuzzy relations, IEEE Transactions on Fuzzy Systems, 2008</p> <p>15. Cause and effect analysis by fuzzy relational equations and a genetic algorithm, Reliability Engineering and System Safety, 2006</p> <p>16. Renewal of the causes by observed effects by means of fuzzy relations matrix and genetic algorithm, Annual Conference of the North American Fuzzy Information Processing Society NAFIPS, 2001</p> <p>17. Genetic algorithm for fuzzy logical equations solving in diagnostic expert systems, Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 2001</p>	Scopus
49	<p>Романюк Олександр</p>	<p>1. Multi-Level Ray Casting of Function-Based Surfaces, Journal of Physics: Conference Series, 2017</p>	Scopus

	<p>Никифорович Author ID: 57105210600 Всього – 8 публікацій</p>	<p>2. Fast ray casting of function-based surfaces, <i>Przeglad Elektrotechniczny</i>, 2017</p> <p>3. A novel suboptimal piecewise-linear-log-MAP algorithm for turbo decoding, 2015 International Siberian Conference on Control and Communications, SIBCON 2015 – Proceedings</p> <p>4. Method of anti-Aliasing with the use of the new pixel model, <i>Proceedings of SPIE - The International Society for Optical Engineering</i>, 2015</p> <p>5. Microfacet distribution function for physically based bidirectional reflectance distribution functions, <i>Proceedings of SPIE - The International Society for Optical Engineering</i>, 2013</p> <p>6. Using gudermannian to improve the turbo-code mathematical principles in 3g communication systems, 2013 International Siberian Conference on Control and Communications, SIBCON 2013 – Proceedings</p> <p>7. Efficient methods for fast shading, <i>Advances in Electrical and Computer Engineering</i>, 2008</p> <p>8. Approximation of bidirectional reflectance distribution function with 3-degree polynomial, IEEE International Siberian Conference on Control and Communications, SIBCON-2007</p>	
50	<p>Азаров Олексій Дмитрович Azarov O.D. Author ID:55644480800 8</p>	<p>1. The systematization of balanced push-pull DC amplifiers according to the criterion of the input impedance, <i>Journal of Automation and Information Sciences</i>, 2016</p> <p>2. Methods and fiber optics spectrometry system for control of photosensitizer in tissue during photodynamic therapy. <i>Proceedings of SPIE - The International Society for Optical Engineering</i>, 2016</p> <p>3. Method of glitch reduction in DAC with weight redundancy, <i>Proceedings of SPIE - The International Society for Optical Engineering</i>, 2015</p> <p>4. Method of correcting of the tracking ADC with weight redundancy conversion characteristic, <i>Proceedings of SPIE - The International Society for Optical Engineering</i>, 2015.</p> <p>5. Static and dynamic characteristics of the self-calibrating multibit ADC analog components, <i>Proceedings of SPIE - The International Society for Optical Engineering</i>, 2013</p> <p>6. The class of numerical systems for pipeline bit sequential development of multiple optoelectronic data streams, <i>Proceedings of SPIE - The International Society for Optical Engineering</i>, 2001</p> <p>7. New method of reduction of a methodical error of self-calibration for ADC on the basis of redundant positional number systems, <i>Proceedings of SPIE - The International Society for Optical Engineering</i>, 2001</p> <p>8. ANALOG-TO-DIGITAL CONVERTER WITH CYCLIC REFINEMENT OF RESULT, <i>Instruments and Experimental Techniques (English Translation of Pribory I Tekhnika Eksperimenta)</i>, 1979</p>	Scopus
51	<p>Семеренко Василь Петрович Semerenko V.P. ID 6506080980 Всього 8 публікацій</p>	<p>1. Synthesis of test generators based on theory of cyclic codes, <i>Modern Problems of Radio Engineering, Telecommunications and Computer Science</i>, <i>Proceedings of the 13th International Conference on TCSET 2016</i>, 2016</p> <p>2. The theory of parallel CRC codes based on automaton models, <i>EasternEuropean Journal of Enterprise Technologies</i>, 2016.</p> <p>3. Estimation of the correcting capability of cyclic codes based on their automaton models, <i>EasternEuropean Journal of Enterprise Technologies</i>, 2015</p> <p>4. Theory and practice of crc codes: New results based on automaton models, <i>EasternEuropean Journal of Enterprise Technologies</i>, 2015.</p> <p>5. Burst-error correction for cyclic codes, <i>IEEE EUROCON 2009, EUROCON 2009</i>, 2009.</p>	Scopus

		<p>6. Parallel decoding of Bose-Chaudhuri-Hocquenghem codes, <i>Engineering Simulation</i>, 1998.</p> <p>7. Elaboration of a universal coder-decoder for cyclic codes, <i>Engineering Simulation</i>, 1996.</p> <p>8. DESIGN OF A LINEAR SEQUENTIAL MACHINE TO REGENERATE A GIVEN SET OF TEST PATTERNS, <i>Electronic modeling</i>, 1984.</p>	
52	<p>Куперштейн Леонід Михайлович Author ID: 55645302100 Всього – 7 публікацій</p>	<p>1. Investigation of simple Denial-of-Service attacks, 2016 3rd International Scientific-Practical Conference Problems of Infocommunications Science and Technology, PIC S and T 2016 – Proceedings, 2016</p> <p>2. SQL injection prevention system, 2016 IEEE International Scientific Conference "Radio Electronics and Info Communications", UkrMiCo 2016 - Conference Proceedings, 2016</p> <p>3. Neural network approach in the stroke diagnosis, Proceedings of the 2016 IEEE 1st International Conference on Data Stream Mining and Processing, DSMP 2016,</p> <p>4. Formalization of the Object Classification Algorithm, <i>Cybernetics and Systems Analysis</i>, 2015</p> <p>5. Recognition system of unauthorized changes in rows of vehicle motion, Proceedings of SPIE - The International Society for Optical Engineering, 2015</p> <p>6. Applications of discriminant analysis methods in medical diagnostics, Proceedings of SPIE - The International Society for Optical Engineering, 2013</p>	Scopus
53	<p>Кулакова Павло Ігорович Author ID: 6602754568 Всього – 5 публікацій</p>	<p>Podzharenko, V. A. Photoelectric angle converter : Selected papers from the international conference on optoelectronic information technologies / V. A. Podzharenko, P. I. Kulakov // International conference on optoelectronic information technologies, vol. 4425. – Vinnitsa, Ukraine : VSTU, 2001. – С. 452 – 456, DOI: 10.1117/12.429768</p> <p>Kucheruk, V. Measurement of the Number Servings of Milk and Control of Water Content in Milk on Stall Milking Machines / V. Kucheruk, P. Kulakov, N. Storozhuk // Proceedings of the International Conference SCIT 2016, May 20-21, 2016, Warsaw, Poland. Recent Advances in Systems, Control and Information Technology. Part V, Volume 543 of the series Advances in Intelligent Systems and Computing, pp 435-447. - 01 December 2016. - DOI: 10.1007/978-3-319-48923-0_46</p> <p>Kucheruk, V. Invariant embedding method for rotor parameters identification of induction motors / V. Kucheruk, P. I. Kulakov, I. P. Kurytnik, O. Hrabovskyi // Przegląd elektrotechniczny, ISSN 0033-2097, R. 92 NR 7/2016, p. 136 – 139, DOI:10.15199/48.2016.07.30</p>	Scopus

<p>Kucheruk, V. Measuring of the relative milk mass fraction in water-milk Solution // V. Kucheruk, P. Kulakov, E. Palamarchuk, N. Storozhuk, W. Wojcik, M. Zhassandykyzy // Przegląd elektrotechniczny, ISSN 0033-2097, R. 93 NR 3/2017, p. 83 – 87, DOI:10.15199/48.2017.03.20</p>
<p>Vasilevskiy, O. M. Spectral method to evaluate the uncertainty of dynamic measurements / O. M. Vasilevskiy, M. Y. Yakovlev, P. I. Kulakov // Tekhnichna Elektrodynamika. - 2017. - № 4. - p. 72 - 78.</p>

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