Додаток 7

Таблиця 5. Наукові, науково-педагогічні працівники, які мають не менше п’яти наукових публікацій у періодичних виданнях, які на час публікації було включено до наукометричних баз Scopus або Web of Science

Факультет (інститут)	Кафедра, відділ тощо	Прізвище, ім’я, по батькові наукового, науково-педагогічного працівника[14]	Кількість публікацій Scopus[15]	Назва та реквізити публікацій Scopus (прирівняні відзнаки)	Кількість публікацій Web of Science[16]	Назва та реквізити публікацій Web of Science (прирівняні відзнаки)
ВПІ	Технології поліграфічного виробництва	Киричок Тетяна Юріївна	9	1. Kyrychok T. The Investigation of Roughness for Paper with Watermarks / Kyrychok T., Klymenko T., Malkush N. The Investigation of Roughness for Paper with Watermarks // Przeglad Papierniczy – Rocznik 2012, tom R. 68, nr 7. – PP. 414-417. 2. Sarapulova, O. Modern printing technologies in micro- and nanoelectronics / Sarapulova, O., Kyrychok, T., Sherstiuk, V., Orlov, A. // 2013 IEEE 33rd International Scientific Conference Electronics and Nanotechnology, ELNANO 2013 – Conference Proceedings – 2013. 3. Kyrychok T. J. Badania odpornosci na zuzycie papieru banknotowego = Testing of Banknote Paper Wear and Tear / T. J. Kyrychok, P. O. Kyrychok, S. F. Havenko, V. M. Nesterenko // Przegland papierniczy. — 2013. — N 12. — P. 653–656. 4. Kyrychok T. The influence of pressure during intaglio printing on banknotes durability / Kyrychok, T., Kyrychok, P., Havenko,	5	1. Kyrychok Tetiana. Banknote Paper Deterioration Factors: Circulation Simulator Method / Tetiana Kyrychok, Anatolii Shevchuk, Victor Nesterenko, Petro Kyrychok // BioResources. – 2014. – Vol. 9 (1). – P. 710–724. 2. Sarapulova, O. Modern printing technologies in micro- and nanoelectronics / Sarapulova, O., Kyrychok, T., Sherstiuk, V., Orlov, A. // 2013 IEEE 33rd

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ВПІ	Технології поліграфічного виробництва	Киричок Петро Олексійович	7	1. Kulak M. I. Kinetic Model of Optical Characteristics of Banknote Paper During Artificial Aging / M. I. Kulak, T. Yu. Kyrychok, D. M. Miadziak, P. O. Kyrychok // Journal of Applied Spectroscopy. - September 2016, Volume 83, Issue 4, pp 669–672. 2. Kyrychok T. Research of electrophysical parameters of banknote paper and banknotes / T. Kyrychok, S. Havenko, P. Kyrychok, Y. Sukhina, Z. Kazhmuratov// – Przegląd Papierniczy – 2016. – № 72. – С. 50–54. 3. Roik T. A., Gavrish A. P., Kyrychok P. A., Vitsiuk Iu. Iu. Effect of secondary structures on the functional properties of high-speed sintered bearings for printing machines //Powder Metallurgy and Metal Ceramics: Springer, New York: Volume 54, Issue 1 (2015), P. P. 119-127. 4. Kyrychok Tetiana. Banknote Paper Deterioration Factors: Circulation Simulator Method / Tetiana Kyrychok, Anatolii Shevchuk, Victor Nesterenko, Petro Kyrychok // BioResources. – 2014. – Vol. 9 (1). – P. 710–724. 5. Kyrychok T. Yu. Image Evaluation Procedure Based on the Average Color Deviation / T. Yu.	4	1. Kyrychok Tetiana. Banknote Paper Deterioration Factors: Circulation Simulator Method / Tetiana Kyrychok, Anatolii Shevchuk, Victor Nesterenko, Petro Kyrychok // BioResources. – 2014. – Vol. 9 (1). – P. 710–724. 2. Roik T. A., Gavrish A. P., Kyrychok P. A., Vitsiuk Iu. Iu. Effect of secondary structures on the functional properties of high-speed sintered bearings for printing machines //Powder Metallurgy and Metal Ceramics: Springer, New York:

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ВПІ	Технології поліграфічного	Гриценко Ольга Олександрівна	11	1. Hrytsenko O. The influence of parameters of ink jet printing on photoluminescence properties of nanophotonic labels based on Ag nanoparticles for smart packaging / O. Hrytsenko, D. Hrytsenko, V.	7	1. Shvalagin V. Influence of nanosized silicon oxide on the luminescent properties of ZnO nanoparticles /

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ВПІ	Технології поліграфічного виробництва	Роїк Тетяна Анатоліївна	15	1.Jamroziak, K., Roik, T., Gavrish, O., Vitsiuk, I., Lesiuk, G., Correia, J.A.F.O., De Jesus, A. Improved manufacturing performance of a new antifriction composite parts based on copper (2018) Engineering Failure Analysis, 91, pp. 225-233. DOI: 10.1016/j.engfailanal.2018.04.034 2.Roik, T., Gavrish, O., Oliynik, V., Vitsiuk, I. Analysis of the properties of antifriction composites based on aluminum alloy's grinding waste (2018) Eastern-European Journal of Enterprise Technologies, 4 (12), pp. 16-22. DOI: 10.15587/1729-4061.2018.140984		

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ІФФ	Фізико-хімічних основ технології металів	Михаленков Костянтин Вікторович	10	1.Features of structure formation and changes in the mechanical properties of cast Al-Mg-Si-Mn alloy with the addition of (Ti + Zr) Trudonoshyn, O., Puchnin, M., Mykhalenkov, K.2015 Acta Polytechnica 2.Effect of the addition of Li on the structure and mechanical properties of hypoeutectic Al-Mg2Si alloys Prach, O., Hornik, J., Mykhalenkov, K. 2015Acta Polytechnica 3. Structure and composition of metallic ceramic coatings and their influence to the coating performance made by cold spray process Manulyk, A., Mykhalenkov, K. 2014,Materials Science and Technology Conference and Exhibition 2013, MS and T 2013 4. Structural characterization and precipitation in AlMg5Si2Mn alloy Boyko, V.V., Link, T., Mykhalenkov, K.V 2014 Metallofizika i Noveishie Tekhnologii 5Design of a new casting alloys containing Li or Ti+Zr and optimization of its heat treatment Trudonoshyn, O., Prach, O., Boyko, V., Puchnin, M., Mykhalenkov, K. 2014 METAL 2014 - 23rd International Conference on Metallurgy and Materials, Conference Proceedings 5. Design of a new casting alloys containing Li or Ti+Zr and optimization of its heat treatment Trudonoshyn, O., Prach, O., Boyko, V., Puchnin, M., Mykhalenkov, K. 2014 METAL 2014 - 23rd International Conference on Metallurgy and Materials, Conference Proceedings		

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ІФФ	Високотемпературних матеріалів і порошкової металургії	Лобода Петро Іванович	51	1.Minitsky, A.V., Loboda, P.I. Pressing of Long-Length Pellets From Titanium Hydride Powder (2018) Powder Metallurgy and Metal Ceramics, 57 (3-4), pp. 138-143. DOI: 10.1007/s11106-018-9961-5 2.Solodkyi, I.V., Bogomol, I.I., Vterkovs'kyi, M.Y., Loboda, P.I. Low-Temperature Synthesis of Boron Carbide Ceramics (2018) Journal of Superhard Materials, 40 (4), pp. 236-242. DOI: 10.3103/S1063457618040020 3.Loboda, P.I. Structure and Properties of Reinforced Ceramic Materials Produced by Directional Solidification (2018) Powder Metallurgy and Metal Ceramics, 57 (1-2), pp. 13-26. DOI: 10.1007/s11106-018-9951-7		

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ІФФ	Високотемпературних матеріалів і порошкової металургії	Богомол Юрій Іванович	30	Zhou, J., Zhu, D., Zhang, H., Bogomol, I., Grasso, S., Hu, C. Microstructure and indentation damage resistance of ZrB<inf>2</inf>-20 vol.%SiC ipo-eutectic composites (2018) International Journal of Applied Ceramic Technology, 15 (3), pp. 619-624. DOI: 10.1111/ijac.12838 Bolbut, V., Bogomol, I., Loboda, P., Krüger, M. Microstructure and mechanical properties of a directionally solidified Mo-12Hf-24B alloy (2018) Journal of Alloys and Compounds, 735, pp. 2324-2330. DOI: 10.1016/j.jallcom.2017.11.352 Bolbut, V., Bogomol, I., Bauer, C., Krüger, M. Gerichtet erstarrte Mo-Zr-B-Legierungen: Directionally solidified Mo-Zr-B alloys (2017) Materialwissenschaft und Werkstofftechnik, 48 (11), pp. 1113-1124. DOI: 10.1002/mawe.201600718 Solodkyi, I., Bogomol, I., Loboda, P., Batalu, D., Vlaicu, A.M., Badica, P.	24	1.I. Bogomol, S. Grasso, T. Nishimura, Y. Sakka, P. Loboda, O. Vasylkiv Hard polycrystalline eutectic composite prepared by spark plasma sintering, Ceramics International, Volume 38, Issue 5, 2012, P. 3947–3953. 2.M. Kruger, G. Hasemann, I. Bogomol, P. Loboda Multiphase Mo-Si-B Alloys Processed by Directional Solidification, Mater. Res. Soc. Symp. Proc. Vol. 1516 (2013) 1684-1689; DOI: 10.1557/opl.2012.1684

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ІФФ	Металознавства та термічної обробки	Чернега С.М.	19	Chernega, S.M., Poliakov, I.A., Krasovskiy, M.A. Increasing the wear resistance of the T15K6 hard alloy by boriding and complex saturation with boron and copper (2016) Journal of Superhard Materials, 38 (3), pp. 190-196. Chernega, S.M., Poliakov, I.A., Krasovskiy, M.O. Formation of complex diffusion boride layers on metastable austenitic nitrogen-containing chromium-manganese steels in conditions of action of an external magnetic field (2016) Metallofizika i Noveishie Tekhnologii, 38 (11), pp. 1479-1495. Chernega, S.M., Polyakov, I.A., Medova, I.Yu., Krasovskyi, M.O. Structure and properties of complex boron coatings on carbon steel (2015) Metallofizika i Noveishie Tekhnologii, 37 (6), pp. 751-761.	5	"1.Chernega, S.M., Poliakov, I.A., Krasovskiy, M.A. Increasing the wear resistance of the T15K6 hard alloy by boriding and complex saturation with boron and copper (2016) Journal of Superhard Materials, 38 (3), pp. 190-196. https://www.scopus.com/inward/record.uri?eid=2-s2.0-84976331454&doi=10.3103%2fS1063457616030060&partnerID=40&md5=028f40d83950318271382ee41710d19f

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ІФФ	Металознавства та термічної обробки	Бобіна Марина Миколаївна	6	"1.Maiboroda, V.S., Nalimov, Y.S., Solovar, A.N., Bobina, M.N., Teslyuk, N.N. Effect of Complex Magnetic-Abrasive and Chemical/Thermal Treatment on VT9 Alloy Fatigue Resistance,(2016) Strength of Materials, pp. 1-9. Article in Press.	5	"1.Maiboroda, V.S., Nalimov, Y.S., Solovar, A.N., Bobina, M.N., Teslyuk, N.N.Effect of Complex Magnetic-

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ІФФ	Металознавства та термічної обробки	Лоскутова Тетяна Володимирівна	10	1. Dehula, A.I., Kharchenko, N.A., Hovorun, T.P., Khizhniak, V.G., Loskutova, T.V., Smokovych, I.Y., Kravchenko, Y.O. Physicochemical conditions of complex diffusion saturation of metal surfaces with titanium and chromium (2017) High Temperature Material Processes, 21 (3), pp. 239-250. DOI: 10.1615/HighTempMatProc.2018025236	5	"1.Dehula, A.I., Kharchenko, N.A., Hovorun, T.P., Khizhniak, V.G., Loskutova, T.V., Smokovych, I.Y., Kravchenko, Y.O. Physicochemical conditions of complex

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ІФФ	Фізики металів	Волошко Світлана Михайлівна	72	1. Vasylyev, M.A., Mordyuk, B.N., Sidorenko, S.I., Voloshko, S.M., Burmak, A.P. Influence of microstructural features and deformation-induced martensite on hardening of stainless steel by cryogenic ultrasonic impact treatment (2018) Surface and Coatings Technology, 343, pp. 57-68. DOI: 10.1016/j.surfcoat.2017.11.019 2. Vasylyev, M.A., Mordyuk, B.N., Sidorenko, S.I., Voloshko, S.M., Burmak, A.P. Corrosion of 2024 alloy after ultrasonic impact cladding with iron (2018) Surface Engineering, 34 (4), pp. 324-329. DOI: 10.1080/02670844.2017.1334377 3. Orlov, A.K., Kruhlov, I.O., Shamis, O.V., Vladymyrskyi, I.A., Kotenko, I.E., Voloshko, S.M., Sidorenko, S.I., Ebisu, T., Kato, K., Tajiri, H., Sakata, O., Ishikawa, T. Synchrotron analysis of structure transformations in V and V/Ag thin films (2018) Vacuum, 150, pp. 186-195. DOI: 10.1016/j.vacuum.2018.01.044 4. Vasylyev, M.O., Mordyuk, B.M., Sidorenko, S.I., Voloshko, S.M., Burmak, A.P., Franchik, N.V. Features of deformation, hardening and mass transfer after ultrasonic impact surface treatment of an aluminium alloy D16 by various strikers (2017)	6	1. A. Tynkova, S. Sidorenko, S. Voloshko, A. R. Rennie, M.A. Vasylyev. Interdiffusion in Au(120 nm)/Ni(70 nm) thin films at the low-temperature annealing in the different atmospheres // Vacuum 2013.-87.- P. 69-74. 2. Anna Oleshkevych, Svitlana M Voloshko, Sergey I Sidorenko, Gábor A Langer; Dezso L Beke, Adrian R Rennie. Enhanced Diffusion caused by Surface Reactions in Thin Films of Sn-Cu-Mn // Thin Solid Films. – 2014. – № 550. – P. 723–731 3. A. Tynkova, G.L. Katona, G. Erdelyi, L. Daroczi, A.I. Oleskevych, I.A. Vladymyrskyi, S.I.

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ІФФ	Фізики металів	Макогон Юрій Миколайович	105	1. Shamis, M.N., Fihurna, O.V., Verbytska, T.I., Makogon, I.M. Effect of an additional Ag layer on formation of the ordered L1<inf>0</inf>-FePt phase in Ag (0; 7.5 nm)/Fe<inf>50</inf>Pt<inf>50</inf>(15 nm)/SiO<inf>2</inf>(100 nm)/Si(001) films (2017) Metallofizika i Noveishie Tekhnologii, 39 (7), pp. 893-903. DOI: 10.15407/mfint.39.07.0893 2. Makogon, Yu.M., Sidorenko, S.I., Shkarban, R.A. Effect of the annealing atmosphere on the formation of nanoscale co-sb films - Functional thermoelectric elements (2017) Metallofizika i Noveishie Tekhnologii, 39 (5), pp. 677-691. DOI: 10.15407/mfint.39.01.0677	6	1. Vladymyrskyi I.A. FePt thin films – prospective materials for ultrahigh density magnetic recording / I.A. Vladymyrskyi, A.I. Oleshkevych, S.I. Sidorenko, Yu.N. Makogon // Journal of Nano Research. –2016. –№39. –P. –151-161. 2. I.A. Vladymyrskyi, O.P. Pavlova, T.I. Verbitska, S.I. Sidorenko, G.L. Katona, D.L. Beke, Iu.M. Makogon.

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ІФФ	Фізики металів	Сидоренко Сергій Іванович	190	1.Influence of microstructural features and deformation-induced martensite on hardening of stainless steel by cryogenic ultrasonic impact treatment / Vasylyev, M.A., Mordyuk, B.N., Sidorenko, S.I., Voloshko, S.M., Burmak, A.P. // (2018) Surface and Coatings Technology, 343, pp. 57-68. 2. Corrosion of 2024 alloy after ultrasonic impact cladding with iron / Vasylyev, M.A., Mordyuk, B.N., Sidorenko, S.I., Voloshko, S.M., Burmak, A.P. // (2018) Surface Engineering, 34 (4), pp. 324-329. 3.Synchrotron analysis of structure transformations in V and V/Ag thin films / Orlov, A.K., Kruhlov, I.O., Shamis, O.V., Vladymyrskyi, I.A., Kotenko, I.E., Voloshko, S.M., Sidorenko, S.I., Ebisu, T., Kato, K., Tajiri, H., Sakata, O., Ishikawa, T. // (2018) Vacuum, 150, pp. 186-195. 4.Features of deformation, hardening and mass transfer after ultrasonic impact surface treatment of an aluminium alloy D16 by various strikers / Vasylyev, M.O., Mordyuk, B.M., Sidorenko, S.I., Voloshko, S.M., Burmak, A.P.,Franchik, N.V. // (2017) Metallofizika i Noveishie Tekhnologii, 39 (8), pp. 1097-1117. 5.Effect of the annealing atmosphere on the formation of nanoscale co-sb films - Functional thermoelectric elements / Makogon, Yu.M., Sidorenko, S.I., Shkarban, R.A. // (2017) Metallofizika i Noveishie	9	1. S.I. Sidorenko, I. Vladymyrskyi, M.V. Karpets, F. Ganss, G.L. Katona, D.L. Beke et al. Influence of the Annealing Atmosphere on the Structural Properties of FePt Thin Films. // Journal of Applied Physics. – 114, 164314 (2013). 2. Firstov S.A. Protective and functional powder coatings: Secondary ion emission of high-entropy $Cr_{14.3}Mn_{14.3}Fe_{14.3}Ni_{28.6}Co_{14.3}Cu_{14.3}$ alloy / S.A. Firstov, N.A. Krapivka, M.A. Vasiliev, S.I. Sidorenko and S.M. Voloshko // Powder Metallurgy and Metal Ceramics, Springer Science+Business Media New York: November 2016,

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ІФФ	Фізики металів	Бурмак Андрій Петрович	14	1.Influence of microstructural features and deformation-induced martensite on hardening of stainless steel by cryogenic ultrasonic impact treatment / Vasylyev, M.A., Mordyuk, B.N., Sidorenko, S.I., Voloshko, S.M., Burmak, A.P. // (2018) Surface and Coatings Technology, 343, pp. 57-68. 2. Corrosion of 2024 alloy after ultrasonic impact cladding with iron / Vasylyev, M.A., Mordyuk, B.N., Sidorenko, S.I., Voloshko, S.M., Burmak, A.P. // (2018) Surface Engineering, 34 (4), pp. 324-329. 3.Synchrotron analysis of structure transformations	1	1. Vasylyev M.A. Corrosion of 2024 alloy after ultrasonic impact cladding with iron / M.A. Vasylyev, B.N. Mordyuk, S.I. Sidorenko, S.M. Voloshko, A.P. Burmak // Surface Enginee-ring. – 2017. – Vol. 29. – №7. – P. 1–6.

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ІФФ	Фізики металів	Вербицька Тетяна Іванівна	31	1. Verbytska, M.Yu., Shamis, M.N., Slipchenko, K.V., Verbytska, T.I., Makogon, Iu.M.	4	1. Iu.N. Makogon, E.P. Pavlova, S.I. Sidorenko, G.Beddies,

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ІФФ	Фізики металів	Владимирський Ігор Анатолійович	23	1. Vladymyrskyi I.A. FePt thin films – prospective materials for ultrahigh density magnetic recording / I.A. Vladymyrskyi, A.I. Oleshkevych, S.I. Sidorenko, Yu.N. Makogon // Journal of Nano Research. –2016. –№39. –P. –151-161. 2. Vladymyrskyi I.A. Low-temperature formation of the FePt phase in the presence of an intermediate Au layer in Pt /Au /Fe thin films / I.A. Vladymyrskyi, A.E. Gafarov, A.P. Burmak, S.I. Sidorenko, G.L.Katona, N.Y. Safanova, F. Ganss, G. Beddies, M. Albrecht, Yu.N. Makogon, and D.L. Beke // Journal of Physics D: Applied Physics. –2016. –№49. –P. –035003. 3. Vladymyrskyi I.A. Influence of intermediate Ag layer on the structure and magnetic properties of Pt/Ag/Fe thin films / I.A. Vladymyrskyi, O.P. Pavlova, T.I. Verbitska, S.I. Sidorenko, G.L.	5	1. Vladymyrskyi I.A. FePt thin films – prospective materials for ultrahigh density magnetic recording / I.A. Vladymyrskyi, A.I. Oleshkevych, S.I. Sidorenko, Yu.N. Makogon // Journal of Nano Research. –2016. –№39. –P. –151-161. 2. Vladymyrskyi I.A. Low-temperature formation of the FePt phase in the presence of an intermediate Au layer in Pt /Au /Fe thin films / I.A.

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ІФФ	Фізики металів	Демченко Леся Дмитрівна	27	1.Titenko, A.N., Demchenko, L.D., Perekos, A.O., Gerasimov, O.Y. Effect of Thermomagnetic Treatment on Structure and Properties of Cu–Al–Mn Alloy (2017) Nanoscale Research Letters, 12 (1), статья № 285 DOI: 10.1186/s11671-017-2052-6 2.Titenko, A., Demchenko, L.		

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ІФФ	Фізики металів	Владимирський Ігор Анатолійович	20	Orlov, A.K., Kruhlov, I.O., Shamis, O.V., Vladymyrskyi, I.A., Kotenko, I.E., Voloshko, S.M.,		

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ІХФ	Хімічного, полімерного та силікатного машинобудування	Карвацький Антон Янович	21	1) Investigation of the cooling of two-layer corrugated polymeric pipes Voznyuk, V.T., Karvatskii, A.Ya., Mikulenok, I.O. 2013 Journal of Engineering Physics and Thermophysics 86(3), с. 505-510. 2) Making the heat-insulating charge of acheson graphitization furnaces more efficient Kutuzov, S.V., Buryak, V.V., Derkach, V.V., (...), Chirka, T.V., Lazarev, T.V. 2014 Refractories and Industrial Ceramics 55(1), с. 15-16. 3) Mathematical Model of Solid-Fuel Gasification in a Fluidized Bed Panov, E.N., Karvatskii, A.Y., Shilovich, T.B., Lazarev, T.B., Moroz, A.S. 2014 Chemical and Petroleum Engineering 50(5-6), с. 312-322. 4) Complex heat transfer at directed crystallization of semitransparent materials Deshko, V.I., Karvatskii, A.Y., Kudin, A.M., Lokhmanets, I.V. 2014 Functional Materials 21(1), с. 92-104. 5) Evaluation of the Discrete Element Method for Predicting the Behavior of Granular Media Using Petroleum Coke as an Example Karvatskii, A.Y., Lazarev, T.V. 2014 Chemical and Petroleum Engineering 50(3-4), с. 186-192. 6) Heat and mass transfer in cross-flow air-to-air membrane heat exchanger in heating mode Deshko, V.I., Karvatskii, A.Y., Sukhodub, I.O. 2016 Applied Thermal Engineering 100, с. 133-145. 7) Modification of implicit algorithm for solving a problem on the elastic plasticity of bulk materials	10	"1) Heat and mass transfer in cross-flow air-to-air membrane heat exchanger in heating mode Автор: Deshko, Valerii I.; Karvatskii, Anton Ya; Sukhodub, Iryna O. APPLIED THERMAL ENGINEERING Том: 100 Стр.: 133-145 Опубликовано: MAY 5 2016 2) Making the Heat-Insulating Charge of Acheson Graphitization Furnaces More Efficient Автор: Kutuzov, S. V.; Buryak, V. V.; Derkach, V. V.; A. Ya. Karvatskii; и др. REFRACTORIES AND INDUSTRIAL CERAMICS Том: 55 Выпуск: 1 Стр.: 15-16 Опубликовано: MAY 2014

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ІХФ	Хімічного,	Панов Євген Миколайович	16	"1) Modification of implicit algorithm for solving a problem on the elastic plasticity of bulk materials	8	"1) Making the Heat-Insulating Charge of

	полімерного та силікатного машинобудування			Karvatskii, A., Panov, E., Pedchenko, A., Shkil, V. 2017 EasternEuropean Journal of Enterprise Technologies 5(7-89), с. 17-23 2) Influence of pressure on the effective thermal conductivity and electrical resistivity of coke Panov, E.N., Vasilchenko, G.N., Konstantinov, S.M., Chirka, T.V. 2014 Coke and Chemistry 57(3), с. 112-116 3) Mathematical model of solid-fuel gasification in a fluidized bed Panov, E.N., Karvatskii, A.Ya., Shilovich, T.B., Lazarev, T.B., Moroz, A.S. 2014 Chemistry and Technology of Fuels and Oils 50(6), с. 312-322 4) Mathematical Model of Solid-Fuel Gasification in a Fluidized Bed Panov, E.N., Karvatskii, A.Y., Shilovich, T.B., Lazarev, T.B., Moroz, A.S. 2014 Chemical and Petroleum Engineering 50(5-6), с. 312-322 5) Making the heat-insulating charge of acheson graphitization furnaces more efficient Kutuzov, S.V., Buryak, V.V., Derkach, V.V., (...), Chirka, T.V., Lazarev, T.V. 2014 Refractories and Industrial Ceramics 55(1), с. 15-16 6) Thermal conductivity of carbon-based materials Kutuzov, S.V., Vasil'Chenko, G.N., Chirka, T.V., Panov, E.N. 2013 Refractories and Industrial Ceramics 54(1), с. 39-43 7) Study of a heat transfer mechanism and critical heat flux at nanofluids boiling Bondarenko, B.I., Moraru, V.N., Ilienko, B.K., (...), Sydorenko, S.V., Snigur, O.V. 2013 International Journal of Energy for a Clean Environment 14(2-3), с. 151-168"		Acheson Graphitization Furnaces More Efficient Автор: Kutuzov, S. V.; Buryak, V. V.; Derkach, V. V.; и др. REFRACTORIES AND INDUSTRIAL CERAMICS Том: 55 Выпуск: 1 Стр.: 15-16 Опубликовано: MAY 2014 2) THERMAL CONDUCTIVITY OF CARBON-BASED MATERIALS Автор: Kutuzov, S. V.; Vasil'chenko, G. N.; Chirka, T. V.; и др. REFRACTORIES AND INDUSTRIAL CERAMICS Том: 54 Выпуск: 1 Стр.: 39-43 Опубликовано: MAY 2013 3) Title: THERMAL CONDUCTIVITY OF CARBON-BASED MATERIALS Author(s): Kutuzov, S. V.; Vasil'chenko, G. N.; Chirka, T. V.; et al. Source: REFRACTORIES

						AND INDUSTRIAL CERAMICS Volume: 54 Issue: 1 Pages: 39-43 Published: MAY 2013 "
ІХФ	Хімічного, полімерного та силікатного машинобудування	Васильченко Геннадій Миколайович	8	"1) Treasure Na-ion anode from trash coke by adept electrolyte selection Cabello, M., Chyrka, T., Klee, R., (...), Tirado, J.L., Ortiz, G.F. 2017 Journal of Power Sources 347, с. 127-135 2) Influence of pressure on the effective thermal conductivity and electrical resistivity of coke Panov, E.N., Vasilchenko, G.N., Konstantinov, S.M., Chirka, T.V. 2014 Coke and Chemistry 57(3), с. 112-116 3) Making the heat-insulating charge of acheson graphitization furnaces more efficient Kutuzov, S.V., Buryak, V.V., Derkach, V.V., (...), Chirka, T.V., Lazarev, T.V. 2014 Refractories and Industrial Ceramics 55(1), с. 15-16 4) Specific electrical resistance of carbon materials Buryak,V.V., Vasil'Chenko, G.N., Chirka, T.V., Konstantinov, S.M. 2013 Refractories and Industrial Ceramics 54(3), с. 215-219 5) Thermal conductivity of carbon-based materials Kutuzov, S.V., Vasil'Chenko, G.N., Chirka, T.V., Panov, E.N. 2013 Refractories and Industrial Ceramics 54(1), с. 39-43"	6	"1) Title: Making the Heat-Insulating Charge of Acheson Graphitization Furnaces More Efficient Author(s): Kutuzov, S. V.; Buryak, V. V.; Derkach, V. V.; et al. Source: REFRACTORIES AND INDUSTRIAL CERAMICS Volume: 55 Issue: 1 Pages: 15-16 Published: MAY 2014 2) Title: Specific Electrical Resistance of Carbon Materials Author(s): Buryak, V. V.; Vasil'chenko, G. N.; Chirka, T. V.; et al. Source: REFRACTORIES AND INDUSTRIAL CERAMICS Volume: 54 Issue: 3 Pages: 215-

						219 Published: SEP 2013 3) Title: THERMAL CONDUCTIVITY OF CARBON-BASED MATERIALS Author(s): Kutuzov, S. V.; Vasil'chenko, G. N.; Chirka, T. V.; et al. Source: REFRACTORIES AND INDUSTRIAL CERAMICS Volume: 54 Issue: 1 Pages: 39-43 Published: MAY 2013"
ІХФ	Хімічного, полімерного та силікатного машинобудування	Лелека Сергій Володимирович	5	"1) Numerical analysis of the physical fields in the process of electrode blanks graphitization in the castner furnace Karvatskii, A., Leleka, S., Pedchenko, A., Lazariev, T. 2016 EasternEuropean Journal of Enterprise Technologies 6(5), c. 19-25 2) The study of uneven temperature field in billet electrodes during their graphitization in the castner furnace Leleka, S., Lazarev, T., Pedchenko, A., Shvachko, D. 2015 EasternEuropean Journal of Enterprise Technologies 6(5), c. 28-32 3) Shock wave-boundary layer interactions at the supersonic flow around threedimensional configurations Panov, Y., Karvatskii, A., Leleka, S., Lazarev, T., Pedchenko, A. 2015 EasternEuropean Journal of Enterprise Technologies 5(4), c. 4-11	5	"1) Making the Heat-Insulating Charge of Acheson Graphitization Furnaces More Efficient Автор: Kutuzov, S. V.; Buryak, V. V.; Derkach, V. V.; и др. REFRACTORIES AND INDUSTRIAL CERAMICS Том: 55 Выпуск: 1 Стр.: 15-16 Опубликовано: MAY 2014 2) Title: Теплопроводность сырого и

				4) Method for determining the bulk temperature of the acheson graphitization furnace core Panov, Y., Karvatskii, A., Leleka, S., (...), Pedchenko, A., Shvachko, D. 2015 EasternEuropean Journal of Enterprise Technologies 3(5), c. 41-46 5) Making the heat-insulating charge of acheson graphitization furnaces more efficient Kutuzov, S.V., Buryak, V.V., Derkach, V.V., (...), Chirka, T.V., Lazarev, T.V. 2014 Refractories and Industrial Ceramics 55(1), c. 15-16"		графитированного кокса Title: Thermal conductivity raw and graphitized coke Author(s): Кутузов, С.В.; Васильченко, Г.Н.; Чирка, Т.В.; et al. Refractories and Industrial Ceramics 54 (1), 39-43, 2013. 2, 2013."
ІХФ	Хімічного, полімерного та силікатного машинобудування	Сівецький Володимир Іванович	22	"1. Kovalenko, K.G., Sivetskii, V.I., Sokol'skii, A.L. Design of an Extrusion Die for Plastic Profiles. Chemical and Petroleum Engineering. 2014. Vol. 49, Issue 9. – P. 675–678. DOI: 10.1007/s10556-014-9817-x. 2. Kovalenko, K.G., Kolosov, A.E., Sivetskii, V.I., Sokol'skii, A.L. Modeling Polymer Melt Flow at the Outlet from an Extruder Molding Tool. Chemical and Petroleum Engineering. 2014. Vol. 49, Issue 11. – P. 792–797. DOI: 10.1007/s10556-014-9837-6. 3.Kovalenko, K.G., Kolosov, A.E., Sivetskii, V.I., Sokol'skii, A.L. Modeling Polymer Melt Flow at the Outlet from an Extruder Molding Tool. Chemical and Petroleum Engineering. 2014. Vol. 49, Issue 11. – P. 792–797. DOI: 10.1007/s10556-014-9837-6. 4. Kushnir, M.S., Sivetskii, V.I., Sokol'skii, A.L., Kovalenko, K.G. Modelling of Polymer Melting in Screw Extruder Channels. Chemical and Petroleum Engineering. 2014. Vol. 49, Issue 11. – P. 742–747.		

				5. Sivetskyy, V.I., Khalimovskyy, O.M., Sokolskyy, O.L., Ivitskyy, I.I. Automation of intelligent sensor injection inlet in polymer moldings by using vector controlled electric drive. 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017."		
ІХФ	Хімічного, полімерного та силікатного машинобудування	Колосов Олександр Євгенович	38	1. A. V. Yeromin, A. E. Kolosov, Modeling of energy effective solutions regarding the heating system and facade heat insulation during implementation of omodernization, Technol. audit and product. reserves. 1/8 (91) (2018) 49–58, doi: 10.15587/1729-4061.2018.123021. 2. D. E. Sidorov, E. P. Kolosova, A. E.Kolosov, T. A. Shabliy, Analysis of blown process for producing polymer products by extrusion blow molding, Eastern-European Journal of Enterprise Technologies. 2/1 (92) (2018) 14–21, doi: 10.15587/1729-4061.2018.126015. 3. A. E. Kolosov, Preparation of Reactoplastic Nanomodified Polymer Composites. Part 2. Analysis of means of forming nanocomposites (patent review), Chem. and Petrol. Eng. 51, I. 9–10 (2016) 640–645, doi: 10.1007/s10556-016-0100-1. 4. A. E. Kolosov, Preparation of Reactoplastic Nanomodified Polymer Composites. Part 3. Methods for dispersing carbon nanotubes in organic solvents and liquid polymeric media (review), Chem. and Petrol. Eng. 52, I. 1–2 (2016) 71–76, doi: 10.1007/s10556-016-0151-3. 5. A. E. Kolosov, Preparation of Reactoplastic Nanomodified Polymer Composites. Part 4. Effectiveness of modifying epoxide oligomers with carbon nanotubes (review), Chem. and Petrol. Eng.	38	"1. A. V. Yeromin, A. E. Kolosov, Modeling of energy effective solutions regarding the heating system and facade heat insulation during implementation of omodernization, Technol. audit and product. reserves. 1/8 (91) (2018) 49–58, doi: 10.15587/1729-4061.2018.123021. 2. D. E. Sidorov, E. P. Kolosova, A. E.Kolosov, T. A. Shabliy, Analysis of blown process for producing polymer products by extrusion blow molding, Eastern-European Journal of Enterprise Technologies. 2/1 (92) (2018) 14–21, doi: 10.15587/1729-4061.2018.126015. 3.

				52, I. 7–8 (2016) 573–577, doi: 10.1007/s10556-016-0235-0. 6. A. E. Kolosov, Preparation of Reactoplastic Nano-Modified Polymer Composites. Part 5. Advantages of using nano-modified structural carbon-fiber composites (a review), Chem. and Petrol. Eng. 52, I. 9–10 (2017) 721–725, doi: 10.1007/s10556-017-0259-0. 7. A. E. Kolosov, Preparation of Nano-Modified Reactoplast Polymer Composites. Part 1. Features of used nanotechnologies and potential alication areas of nanocomposites (a review), Chem. and Petrol. Eng. 51, I. 7–8 (2015) 569–573, doi: 10.1007/s10556-015-0088-y."		A. E. Kolosov, Preparation of Reactoplastic Nanomodified Polymer Composites. Part 2. Analysis of means of forming nanocomposites (patent review), Chem. and Petrol. Eng. 51, I. 9–10 (2016) 640–645, doi: 10.1007/s10556-016-0100-1. 4. A. E. Kolosov, Preparation of Reactoplastic Nanomodified Polymer Composites. Part 3. Methods for dispersing carbon nanotubes in organic solvents and liquid polymeric media (review), Chem. and Petrol. Eng. 52, I. 1–2 (2016) 71–76, doi: 10.1007/s10556-016-0151-3. 5. A. E. Kolosov, Preparation of Reactoplastic Nanomodified Polymer Composites. Part 4. Effectiveness of modifying epoxide oligomers with carbon

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ІХФ	Хімічного, полімерного та силікатного машинобудування	Мікульонок Ігор Олегович	40	"1. Mikulenok I.O. Modelling the Cooling of Smooth Polymeric Pipes // Chemical and Petroleum Engineering. – 2012. – Vol.47, N 11–12. – P. 725–728; DOI: 10.1007/s10556-012-9538-y. 2. Mikulionok I.O., Radchenko L.B. Screw Extrusion of Thermoplastics: I. General Model of the Screw Extrusion // Russian Journal of Applied Chemistry. – 2012. – Vol. 85, N 3. – P. 489–504; DOI: 10.1134/S1070427211030305. 3. Mikulionok I.O., Radchenko L.B. Screw Extrusion of Thermoplastics: II. Simulation of Feeding Zone of the Single Screw Extruder // Russian Journal of Applied Chemistry. – 2012. – Vol. 85, N 3. – Pp. 505–514; DOI: 10.1134/S1070427211030317. 4. Mikulionok I.O. Modeling of the Heat Processing of Continuously Molded Product // Russian Journal of Applied Chemistry. – 2012. – Vol. 85, N 9. – P. 1482–1492; DOI: 10.1134/S1070427212090285. 5. Voznyuk V.T., Mikulyonok I.O., Petukhov A.D. Study of two-sided cooling of extruded smooth polymer pipes. Part 1. Small diameter pipe cooling // Chemical and Petroleum Engineering. – 2013. – Vol.48, N 11–12. – P. 699-704; DOI: 10.1007/s10556-013-9683-y.	14	"1.Voznyuk V.T., Karvatskii A.Ya., Mikulenok I.O. Investigation of the Cooling of Two-Layer Corrugated Polymeric Pipes // Journal of Engineering Physics and Thermophysics. – 2013. – Vol. 86, N 3. – P. 505–510; DOI: 10.1007/s10891-013-0861-8. 2. Mikulionok I. Technique of parametrical and thermal calculation of calenders for processing of plastic and rubber mixes // Journal for Technology of Plasticity. – 2013. – Vol. 38, N 1. – P. 85–106."

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ІХФ	Хімічного, полімерного та силікатного машинобудування	Сокольський Олександр Леонідович	13	1. Sakharov, A.S., Kolosov, A.E., Sivetskii, V.I., Sokolskii, A.L. Modeling of Polymer Melting Processes in Screw Extruder Channels. Chemical and Petroleum Engineering. 2013. Volume 49, Issue 5-6, pp 357-363" 2.Sokolskyi, O.L., Karvatskii, A.Ya., Mikulionok, I.O., Herasimenko, Yu.Yu. Improvement of the technology of thermal gluing by a melt of polymer additive material (2018) Voprosy Khimii i Khimicheskoi Tekhnologii, (5), pp. 154-160. 3. Sokolskii, A.L., Kovalenko, K.G., Sivetskii, V.I., Kolosova, E.P. Realization of the reverse problem of geometrical modeling in designing of die heads for the production of polymer products (2018) Voprosy Khimii i Khimicheskoi Tekhnologii, (2), pp. 109-114. 4.Ivitskiy, I.I., Sokolskiy, A.L., Mikulionok, I.O. Influence of a Lubricant on the Flow Parameters of a Molten Polymeric Material in Channels of Forming Devices (2017) Chemical and Petroleum Engineering, pp. 1-5. Article in Press. 5.Ivitskiy, I.I., Sokolskiy, A.L., Mikulionok, I.O.	10	"1.Sakharov, A.S., Sivetskii, V.I., Sokolskii, A.L. Extrusion molding of polymers with allowance for near-wall slip. Chemical and Petroleum Engineering. 2011. Volume 47, Issue 3-4, pp 231-237 2.Sakharov, A.S., Kolosov, A.E., Sokolskii, A.L., Sivetskii, V.I. Modeling the mixing of polymeric composites in an extrusion drum mixer. Chemical and Petroleum Engineering. 2012. Volume 47, Issue 11-12, pp 799-805 3.Kolosov, A.E., Sakharov, A.S., Sivetskii, V.I., Sidorov, D.E., Sokolskii, A.L. Substantiation of the

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ІХФ	Хімічного, полімерного та силікатного машинобудування	Сідоров Дмитро Едуардович	16	1. Sidorov, D., Kolosova, E., Kolosov, A., Shabliy, T. Analysis of the preform blowing stage when obtaining a polymeric product using the extrusion blow molding method (2018) EasternEuropean Journal of Enterprise Technologies, 2 (1-92), pp. 14-21. DOI: 10.15587/1729-4061.2018.126015 2. Sidorov, D., Kazak, I. Analysis of applying methods of data communication between rogrammatic units in engineering calculations (2015) EasternEuropean Journal of Enterprise Technologies, 2 (2), pp. 11-18. DOI: 10.15587/1729-4061.2015.65475 3. Sidorov, D.É., Kolosov, A.E., Pogorelyi, O.V., Gur′eva, A.A. Engineering approach to the determination of the radiation field of a Polyethyleneterephthalate (PET) medium under radiant heating (2015) Journal of Engineering Physics and Thermophysics, 88 (6), pp. 1409-1415. DOI: 10.1007/s10891-015-1325-0 4. Kolosov, A.E., Sakharov, A.S., Sivetskii, V.I., Sidorov, D.E., Sokolskii, A.L. Method of selecting efficient design and operating parameters for equipment used for the ultrasonic modification of liquid-polymer composites and fibrous fillers (2012) Chemical and Petroleum Engineering, 48 (7-8), pp. 459-466. DOI: 10.1007/s10556-012-9640-1		

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ІХФ	Хімічного, полімерного та силікатного машинобудування	Івіцький Ігор Ігорович	5	1. Sivetskyy, V.I., Khalimovskyy, O.M., Sokolskyy, O.L., Ivitskyy, I.I. Automation of intelligent sensor injection inlet in polymer moldings by using vector controlled electric drive (2017) 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 - Proceedings, статья № 8100297, pp. 534-537 DOI: 10.1109/UKRCON.2017.8100297 2.Ivitskiy, I.I., Sokolskiy, A.L., Mikulionok, I.O.		

				Influence of a Lubricant on the Flow Parameters of a Molten Polymeric Material in Channels of Forming Devices (2017) Chemical and Petroleum Engineering, pp. 1-5. DOI: 10.1007/s10556-017-0299-5 3. Ivitskiy, I., Sivetskiy, V., Bazhenov, V., Ivitska, D. Modeling the electrostatic control over depth of the introduction of intelligent sensors into a polymer composite material (2017) EasternEuropean Journal of Enterprise Technologies, 1 (5-85), pp. 4-9. DOI: 10.15587/1729-4061.2017.91659 4. Bazhenov, V., Protasov, A., Ivitskiy, I., Ivitska, D. Simulation of nanomodified polymers testing by the electric capacitive method (2017) EasternEuropean Journal of Enterprise Technologies, 4 (5-88), pp. 4-9 DOI: 10.15587/1729-4061.2017.108460 5.Ivitskiy, I.I., Sokolskiy, A.L., Mikulionok, I.O. Influence of a lubricant on the flow parameters of a molten polymeric material in channels of forming devices (2017) Chemical and Petroleum Engineering, 53 (1-2), pp. 84-88. DOI: 10.1007/s10556-017-0299-5		
ІХФ	Екології та технології рослинних полімерів	Гомеля Микола Дмитрович	21	Gomelia, N., Trokhymenko, G., Hlushko, O., Shabliy, T. Electroextraction of heavy metals from wastewater for the protection of natural water bodies from pollution (2018) EasternEuropean Journal of Enterprise Technologies, 1 (10-91), pp. 55-61 DOI: 10.15587/1729-4061.2018.123929	1	Gomelya, N. D.; Shabliy, T. A.; Trohymenko, A. G.; и др. JOURNAL OF WATER CHEMISTRY AND TECHNOLOGY - Том: 39 Выпуск: 2/ - С.: 92-96. MAR 2017.

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ІХФ	Екології та технології рослинни	Барбаш Валерій Анатолійович	12	1. Barbash, V.A., Yaschenko, O.V., Shniruk, O.M. Preparation and Properties of Nanocellulose from Organosolv Straw Pulp // Nanoscale Research Letters (2017). 2. Barbash, V.A., Yaschenko, O.V., Shniruk, O.M., Kovalchuk, V.O. Preparation of nanocellulose from		

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ІХФ	Екології та технології рослинних полімерів	Шаблій Тетяна Олександрівна	11	1. Sidorov, D., Kolosova, E., Kolosov, A., Shabliy, T. Analysis of the preform blowing stage when obtaining a polymeric product using the extrusion blow molding method // Eastern European Journal of Enterprise Technologies (2018). 2. Gomelia, N., Trokhymenko, G., Hlushko, O., Shabliy, T. Electroextraction of heavy metals from wastewater for the protection of natural water bodies from pollution // Eastern European Journal of Enterprise Technologies (2018). 3. Gomelya, N.D., Shabliy, T.A., Trohymenko, A.G., Shuryberko, M.M. New inhibitors of corrosion and depositions of sediments for water circulation systems // Journal of Water Chemistry and Technology (2017).	1	Gomelya, N. D.; Shabliy, T. A.; Trohymenko, A. G.; и др. JOURNAL OF WATER CHEMISTRY AND TECHNOLOGY - Том: 39 Выпуск: 2/ - С.: 92-96. MAR 2017.

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ІХФ	Екології та технології рослинних полімерів	Галиш Віта Василівна	8	1. Halysh, V., Trembus, I., Deykun, I. Nikolaichuk, A., Ilnitska, G. Development of effective technique for the disposal of the Prunus armeniaca seed shells // Eastern European Journal of Enterprise Technologies (2018). 2. Galysh, V., Sevastyanova, O., Kartel, M., Lindström, M.E., Gornikov, Y. Impact of ferrocyanide salts on the thermo-oxidative degradation of lignocellulosic sorbents // Journal of Thermal Analysis and Calorimetry (2017). 3. Kartel, M., Galysh, V. New composite sorbents for caesium and strontium ions sorption // Chemistry Journal of Moldova (2017). 4. Bryn, O., Bekhta, P., Sedliačik, J., Forosz, V., Galysh, V. The effect of diffusive impregnation of birch veneers with fire retardant on plywood properties // BioResources (2016). 5. Galysh, V.V., Kartel, M.T., Milyutin, V.V. Sedliacik, J., Lagana, R. Composite cellulose-inorganic sorbents for137Cs recovery // Journal of Radioanalytical and Nuclear Chemistry (2014).		

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IEE	Кафедра електромеханічного обладнання енергоємних виробництв	Зайченко Стефан Володимирович	6	1. Zaichenko, S., Frolov, O., Stovpnyk, S., Veremiichuk, Y. Investigation of the change in the strength properties of a soil mass by mechanical sensing (2018) Eastern-European Journal of Enterprise Technologies, 3 (9-93), pp. 19-26. DOI: 10.15587/1729-4061.2018.132210 2.Pelevin, L., Gorbatyuk, I., Zaichenko, S., Shalenko, V. Developing a mathematical substantiation for the physical modelling of the soil-ripping equipment work process		

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IEE	Кафедра електромеханічного обладнання енергоємних	Осадчук М.П.	7	1. Gorodetskyi, V., Osadchuk, M. Reconstruction of chaotic systems of a certain class (2015) International Journal of Dynamics and Control, 3 (4), pp. 341-353. DOI: 10.1007/s40435-014-0100-y 2. Gorodetskyi, V.G., Osadchuk, N.P. Analytical reconstruction of the R-class systems		

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IEE	Кафедра електромеханічного обладнання	Попович Павло Васильович	5	1.Popovych, O.M., Golovan, I.V. Study of changed main flux reactance of squirrel-cage induction motors using field analysis of their starting characteristics (2018) Technical Electrodynamics,		

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IEE	Кафедра теплотехніки та енергозбереження	Дешко Валерій Іванович	14	1. Buildings energy use and human thermal comfort according to energy and exergy approach / Buyak, N.A., Deshko, V.I., Sukhodub, I.O. // (2017) Energy and Buildings, 146, pp. 172-181. 2. Heat and mass transfer in cross-flow air-to-air membrane heat exchanger in heating mode / Deshko, V.I., Karvatskii, A.Y., Sukhodub, I.O. // (2016) Applied Thermal Engineering, 100, pp. 133-145. 3. A model of human thermal comfort for analysing the energy performance of buildings / Deshko, V., Buyak, N. // (2016) EasternEuropean Journal of Enterprise Technologies, 4 (8-82), pp. 42-48. 4. Building inside air temperature parametric study / Bilous, I.Yu., Deshko, V.I., Sukhodub, I.O. // (2016) Magazine of Civil Engineering, 68 (8), pp. 65-75. 5. Exergy analysis of ventilation systems with energy recovery / Sukhodub, I.O., Deshko, V.I. // (2014) Magazine of Civil Engineering, 46 (2), pp. 36-46+73-74.	13	1. Title: Heat and mass transfer in cross-flow air-to-air membrane heat exchanger in heating mode Author(s): Deshko, Valerii I.; Karvatskii, Anton Ya; Sukhodub, Iryna O. Source: Applied Thermal Engineering Volume: 100 Pages: 133-145 Published: MAY 5 2016 DOI: 10.1016/j.appithermaleng.2016.01.139 2. Title: Эксергетический анализ систем вентиляции с утилизацией полной теплоты Title: Exergy analysis

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ІПСА	Кафедра математичних методів системного аналізу	Горбань Наталія Володимирівна	12	(1) Gorban NV, Khomenko OV, Paliichuk LS, Tkachuk AM. Long-time behavior of state functions for climate energy balance model. Discrete Contin Dyn Syst Ser B 2017;22(5):1887-1897. (2) Zgurovsky M, Gluzman M, Gorban N, Kasyanov P, Paliichuk L, Khomenko O. Uniform global attractors for non-autonomous dissipative dynamical systems. Discrete Contin Dyn Syst Ser B 2017;22(5):2053-2065. (3) Gorban NV, Paliichuk LS. Uniform global attractor for nonautonomous reaction–diffusion equations with carathéodory's nonlinearity. Stud Syst Decis Control 2016;69:265-272. (4) Gorban NV, Gluzman MO, Kasyanov PO, Tkachuk AM. Long-time behavior of state functions for badyko models. Stud Syst Decis Control 2016;69:351-359. (5) Gorban NV, Kapustyan AV, Kapustyan EA, Khomenko OV. Strong global attractor for the three-dimensional Navier-Stokes system of equations in unbounded domain of channel type. J Autom Inform Sci 2015;47(11):48-59.	7	(1)LONG-TIME BEHAVIOR OF STATE FUNCTIONS FOR CLIMATE ENERGY BALANCE MODEL /Gorban, NV (Gorban, Nataliia V.); Khomenko, OV (Khomenko, Olha V.); Paliichuk, LS (Paliichuk, Liliia S.); Tkachuk, AM (Tkachuk, Alla M.) //DISCRETE AND CONTINUOUS DYNAMICAL SYSTEMS-SERIES B Том: 22 Выпуск: 5 Специальный выпуск: SI Стр.: 1887 - 1897 DOI: 10.3934/dcdsb.2017112 Опубликовано: JUL

				(6) Gluzman MO, Gorban NV, Kasyanov PO. Lyapunov type functions for classes of autonomous parabolic feedback control problems and applications. Appl Math Lett 2015;39:19-21. (7) Gluzman MO, Gorban NV, Kasyanov PO. Lyapunov functions for differential inclusions and applications in physics, biology, and climatology. Stud Syst Decis Control 2015;30:233-243. (8) Gorban NV, Kapustyan OV, Kasyanov PO. Uniform trajectory attractor for non-autonomous reaction-diffusion equations with Carathéodory's nonlinearity. Nonlinear Anal Theory Methods Appl 2014;98:13-26. (9) Gorban NV, Kasyanov PO. On regularity of all weak solutions and their attractors for reaction-diffusion inclusion in unbounded domain. Solid Mech Appl 2014;211:205-220. (10) Gorban NV, Kapustyan OV, Kasyanov PO, Paliichuk LS. On global attractors for autonomous damped wave equation with discontinuous nonlinearity. Solid Mech Appl 2014;211:221-237.		2017 Идентификационный номер: WOS:000397108000009 (2)UNIFORM GLOBAL ATTRACTORS FOR NON-AUTONOMOUS DISSIPATIVE DYNAMICAL SYSTEMS / Zgurovsky, M (Zgurovsky, Michael); Gluzman, M (Gluzman, Mark); Gorban, N (Gorban, Nataliia); Kasyanov, P (Kasyanov, Pavlo); Paliichuk, L (Paliichuk, Liliia); Khomenko, O (Khomenko, Olha) //DISCRETE AND CONTINUOUS DYNAMICAL SYSTEMS-SERIES B **Том:** 22 **Выпуск:** 5 **Специальный выпуск:** SI **Стр.:** 2053-2065 **DOI:** 10.3934/dcdsb.2017120 **Опубликовано:** JUL 2017 **Идентификационный**

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						(Gorban, Nataliia V.); Gluzman, MO (Gluzman, Mark O.); Kasyanov, PO (Kasyanov, Pavlo O.); Tkachuk, AM (Tkachuk, Alla M.) **Отредактировано:** S adovnichiy VA; Zgurovsky MZ **/Источник:** ADVANCES IN DYNAMICAL SYSTEMS AND CONTROL **Серия книг:** Studies in Systems Decision and Control **Том:** 69 **Стр.:** 351-359 **DOI:** 10.1007/978-3-319-40673-2_18 **Опубликовано:** 2016 **Идентификационный номер:** WOS:000399117300019 (5) Lyapunov Functions for Differential Inclusions and Applications in Physics, Biology, and Climatology / Gluzman, MO (Gluzman, Mark O.); Gorban, NV (Gorban,

						Nataliia V.); Kasyanov, PO (Kasyanov, Pavlo O.) **Отредактировано:** S adovnichiy VA; Zgurovsky MZ // CONTINUOUS AND DISTRIBUTED SYSTEMS II: THEORY AND APPLICATIONS **Серия книг:** Studies in Systems Decision and Control **Том:** 30 **Стр.:** 233-243 **DOI:** 10.1007/978-3-319-19075-4_14 **Опубликовано:** 2015 **Идентификационный номер:** WOS:000383952900015 **(6)Заголовок:** Lyapunov type functions for classes of autonomous parabolic feedback control problems and applications **Авторы:** Gluzman, MO (Gluzman, Mark O.); Gorban, NV (Gorban, Nataliia V.); Kasyanov, PO (Kasyanov, Pavlo O.)

						Источник: APPLIED MATHEMATICS LETTERS **Том:** 39 **Стр.:** 19-21 **DOI:** 10.1016/j.aml.2014.08.006 **Опубликовано:** JAN 2015 **Идентификационный номер:** WOS:000345056600004 **(7)Заголовок:** Uniform trajectory attractor for non-autonomous reaction-diffusion equations with Caratheodory's nonlinearity **Авторы:** Gorban, NV (Gorban, Nataliia V.); Kapustyan, OV (Kapustyan, Oleksiy V.); Kasyanov, PO (Kasyanov, Pavlo O.) **Источник:** NONLINEAR ANALYSIS-THEORY METHODS & APPLICATIONS **Том:** 98 **Стр.:** 13-26 **DOI:** 10.1016/j.na.2013.12.004 **Опубликовано:** MAR 2014 **Идентификаци**

						онный номер: WOS:000330578200002
ІПСА	Кафедра математичних методів системного аналізу	Зайченко Юрій Петрович	36	(1)The application of fuzzy neural networks in corporations bankruptcy risk forecasting /Zgurovsky, M., Zaychenko, Y., 2017 //Proceedings of the 12th International Scientific and Technical Conference on Computer Sciences and Information Technologies, CSIT 2017, 1,8098765, с. 187-191 (2)New generation networks performance analysis and optimization /Yuriy, Z., Aydin, G., Hamidov, G., 2017 //Application of Information and Communication Technologies, AICT 2016 - Conference Proceedings, 7991771 (3)On-line traffic management in new generation computer networks /Zaychenko, H., Zaychenko, Y., 2017 //Communications in Computer and Information Science, 700, с. 41-48 (4)Banks bankruptcy risk forecasting with application of FNN /Zaychenko, Y., 2016 //Computer Sciences and Information Technologies - Proceedings of the 11th International Scientific and Technical Conference, CSIT 2016, 7589905, с. 196-199 (5)Neural networks /Zgurovsky, M.Z., Zaychenko, Y.P., 2016 //Studies in Computational Intelligence, 652 (6)Algorithmic and software tools for optimal design of new generation computer networks /Zaychenko, Y., Zaychenko, H., 2016	18	(1)Автор: Zgurovsky, M (Zgurovsky, Michael); Zaychenko, Y (Zaychenko, Yu.); The Application of Fuzzy Neural Networks in Corporations Bankruptcy Risk Forecasting; Источник: PROCEEDINGS OF THE 2017 12TH INTERNATIONAL SCIENTIFIC AND TECHNICAL CONFERENCE ON COMPUTER SCIENCES AND; INFORMATION TECHNOLOGIES (CSIT 2017), VOL. 1; Стр.: 187191; 2017; Название конференции: 12th International Scientific and Technical Conference on Computer Sciences and Information Technologies (CSIT); 2017; (2)Автор: Zgurovsky, MZ (Zgurovsky, Mikha

				//Communications in Computer and Information Science, 678, c. 145-161 (7)Problem of fuzzy portfolio optimization and its solution with application of forecasting methods /Zaychenko, Y., Sidoruk, I., 2015 //Proceedings of the International Conference on Computer Sciences and Information Technologies, CSIT 2015, 7325442, c. 97-103 (8)New Generation Computer Networks Survivability Analysis and Optimization /Zaychenko, Y., Zaychenko, H., 2014 //Communications in Computer and Information Science, 279 CCIS, c. 73-81 (9)Investigations of cascade neo-fuzzy neural networks in the problem of forecasting at the stock exchange /Zaychenko, Y., Gasanov, A., 2012 //2012 4th International Conference "Problems of Cybernetics and Informatics", PCI 2012 – Proceedings, 6486327 (10)Application of the methods of complexation of analogs and fuzzy logic for prediction of some operation metrics /Zaychenko, Yu.P., Basarab, A.V., 2012 //Journal of Automation and Information Sciences, 44(12), c. 37-42		il Z.); Zaychenko, YP (Zaychenko, Yuriy P.); Авторы книги: Zgurovsky, MZ; Zaychenko, Y P; Заголовок: Neural Networks; Источник: FUNDAMENTALS OF COMPUTATIONAL INTELLIGENCE: SYSTEM APPROACH; Название серии книг: Studies in Computational Intelligence; Том: 652; Стр.: 137; DOI: 10.1007/9783319351629_1; 2016; DOI: 10.1007/9783319351629 (3) Автор: Zgurovsky, MZ (Zgurovsky, MZ); Zaychenko, YP (Zaychenko, YP); Заголовок: Fundamentals of Computational Intelligence: System Approach; Источник: FUNDAMENTALS OF COMPUTATIONAL INTELLIGENCE: SYSTEM APPROACH;

						Название серии книг: Studies in Computational Intelligence; Том: 652; Стр.: 1375; DOI: 10.1007/9783319351629; Опубликовано: 2016; ISSN: 1860949X; ISBN: 9783319351629; 9783319351605; Идентификационный номер: WOS:000398097100012 (4) Автор: Zgurovsky, MZ (Zgurovsky, Mikhail Z.); Zaychenko, YP (Zaychenko, Yuriy P.); Авторы книги: Zgurovsky, MZ; Zaychenko, YP; Заголовок: The Fundamentals of Computational Intelligence: System Approach Preface; Источник: FUNDAMENTALS OF COMPUTATIONAL INTELLIGENCE: SYSTEM APPROACH; Название серии книг: Studies in Computational Intelligence; Том: 652; Стр.: VVII;

						Опубликовано: 2016; ISSN: 1860949; ISBN: 9783319351629; 9783319351605; Идентификационный номер: WOS:000398097100001; DOI книги: 10.1007/9783319351629 (5) Автор: Zgurovsky, MZ (Zgurovsky, Mikhail Z.); Zaychenko, YP (Zaychenko, Yuriy P.); Авторы книги: Zgurovsky, MZ; Zaychenko, YP; Заголовок: The Fundamentals of Computational Intelligence: System Approach Introduction; Источник: FUNDAMENTALS OF COMPUTATIONAL INTELLIGENCE: SYSTEM APPROACH; Название серии книг: Studies in Computational Intelligence; Том: 652; Стр.: XVXX; Опубликовано: 2016; ISSN: 1860949X;

						ISBN: 9783319351629; 9783319351605; Идентификационный номер: WOS:000398097100002; DOI книги: 10.1007/9783319351629 (6) Автор: Zgurovsky, MZ (Zgurovsky, Mikhail Z.); Zaychenko, YP (Zaychenko, Yuriy P.); Авторы книги: Zgurovsky, MZ; Zaychenko, YP; Заголовок: Neural Networks with Feedback and Selforganization; Источник: FUNDAMENTALS OF COMPUTATIONAL INTELLIGENCE: SYSTEM APPROACH; Название серии книг: Studies in Computational Intelligence; Том: 652; Стр.: 3979; DOI: 10.1007/9783319351629_2; Опубликовано: 2016; ISSN: 1860949X; ISBN: 9783319351629; 9783319351605; Идентификационный

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ІПСА	Кафедра математичних методів системного аналізу	Згуровський Михайло Захарович	117	1. The application of fuzzy neural networks in corporations bankruptcy risk forecasting. Proceedings of the 12th International Scientific and Technical Conference on Computer Sciences and Information Technologies, CSIT 2017; 2017. 2. Modeling and investigating the behavior of complex socio-economic systems. 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 - Proceedings; 2017. 3. Zgurovsky MZ. General Concept of the Periodic Development of Global Systemic Conflicts. Cybern Syst Anal 2017;53(6):893-904. 4. Feinberg EA, Kasyanov PO, Zgurovsky MZ. Continuity of equilibria for two-person zero-sum games with noncompact action sets and unbounded payoffs. Ann Oper Res 2017:1-32. 5. Zgurovsky M, Gluzman M, Gorban N, Kasyanov P, Paliichuk L, Khomenko O. Uniform global attractors for non-autonomous dissipative dynamical systems. Discrete Contin Dyn Syst Ser B 2017;22(5):2053-2065.	77	1.Zgurovsky MZ. General Concept of the Periodic Development of Global Systemic Conflicts. Cybernetics and Systems Analysis. 2017;53(6):893-904. 2.Zgurovsky MZ, Kasyanov PO. Qualitative and Quantitative Analysis of Nonlinear Systems: Theory and Applications. Qualitative and Quantitative Analysis of Nonlinear Systems: Theory and Applications. Studies in Systems Decision and Control. 111. 2018. p. 1-240. 3.Zgurovsky MZ, Yasinsky VV. Big Solar Spiral of Stirring up Global Systemic Conflicts. Cybernetics and Systems Analysis. 2015;51(1):74-84. 4.Zgurovsky MZ, Zaychenko YP. Fundamentals of Computational Intelligence: System

						Approach. Fundamentals of Computational Intelligence: System Approach. Studies in Computational Intelligence. 652. 2016. p. 1-375. 5.Zgurovsky MZ, Kasyanov PO. Evolution Inclusions in Nonsmooth Systems with Applications for Earth Data Processing Uniform Trajectory Attractors for Nonautonomous Evolution Inclusions Solutions with Pointwise Pseudomonotone Mappings. Advances in Global Optimization. Springer Proceedings in Mathematics & Statistics. 95. 2015. p. 283-94.
ІПСА	Кафедра математичних методів системного аналізу	Касьянов Павло Олегович	69	1. Feinberg EA, Kasyanov PO, Zgurovsky MZ. Continuity of equilibria for two-person zero-sum games with noncompact action sets and unbounded payoffs. Ann Oper Res 2017:1-32. 2. Kapustyan OV, Kasyanov PO, Valero J. Regularity of global attractors for reaction-diffusion	61	**1.**Continuity of Minima: Local Results **Авторы:** Feinberg, EA (Feinberg, Eugene A.); Kasyanov, PO (Kasyanov, Pavlo O.)

				systems with no more than quadratic growth. Discrete Contin Dyn Syst Ser B 2017;22(5):1899-1908. 3. Zgurovsky M, Gluzman M, Gorban N, Kasyanov P, Paliichuk L, Khomenko O. Uniform global attractors for non-autonomous dissipative dynamical systems. Discrete Contin Dyn Syst Ser B 2017;22(5):2053-2065. 4. Zgurovsky MZ, Kasyanov PO. Method of artificial control and the 3D navier-stokes system. Springer Optim Appl 2017;130:585-600. (16) Feinberg EA, Kasyanov PO, Zgurovsky MZ. Uniform Fatou's lemma. J Math Anal Appl 2016;444(1):550-567. 5. Valero J, Giménez A, Kapustyan OV, Kasyanov PO, Amigó JM. Convergence of equilibria for numerical approximations of a suspension model. Comput Math Appl 2016;74999d37f5352a095a1995bdf8550241e2(4):856-878.		**Источник:** SET-VALUED AND VARIATIONAL ANALYSIS **Том:** 23 **Выпуск:** 3 **Стр.:** 485-499 **DOI:** 10.1007/s11228-015-0318-7 **Опубликовано:** SEP 2015 **2.**ON THE EXISTENCE OF STRONGLY CONTINUOUS PHYSICAL SOLUTIONS FOR CLASSES OF AUTONOMOUS EVOLUTIONARY VARIATIONAL INEQUALITIES **Авторы:** Kasyanov, PO (Kasyanov, P. O.) **Источник:** CYBERNETICS AND SYSTEMS ANALYSIS **Том:** 51 **Выпуск:** 4 **Стр.:** 574-582 **DOI:** 10.1007/s10559-015-9748-3 **Опубликовано:** JUL 2015 **2.** Uniform Trajectory Attractors for Nonautonomous

						Dissipative Dynamical Systems **Авторы:** Zgurovsky, MZ (Zgurovsky, Mikhail Z.); Kasyanov, PO (Kasyanov, Pavlo O.) **Отредактировано:** S adovnichiy VA; Zgurovsky MZ **Источник:** CONTINU OUS AND DISTRIBUTED SYSTEMS II: THEORY AND APPLICATIONS **Сер ия книг:** Studies in Systems Decision and Control **Том:** 30 **Стр. :** 221-232 **DOI:** 10.1007/978 -3-319-19075-4_13 **Опубликовано:** 2015 **3.** Lyapunov Functions for Differential Inclusions and Applications in Physics, Biology, and Climatology **Авторы:** Gluzman, MO (Gluzman, Mark O.); Gorban, NV (Gorban, Nataliia V.);

						Kasyanov, PO (Kasyanov, Pavlo O.) **Отредактировано:** S adovnichiy VA; Zgurovsky MZ **Источник:** CONTINUOUS AND DISTRIBUTED SYSTEMS II: THEORY AND APPLICATIONS **Серия книг:** Studies in Systems Decision and Control **Том:** 30 **Стр.:** 233-243 **DOI:** 10.1007/978-3-319-19075-4_14 **Опубликовано:** 2015 **4.** Dynamics of Solutions for Controlled Piezoelectric Fields with Multivalued "Reaction-Displacement" Law **Авторы:** Zgurovsky, MZ (Zgurovsky, Mikhail Z.); Kasyanov, PO (Kasyanov, Pavlo O.); Paliichuk, LS (Paliichuk, Liliia S.); Tkachuk, AM (Tkachuk, Alla M.)

						Отредактировано: S adovnichiy VA; Zgurovsky MZ **Источник:** CONTINUOUS AND DISTRIBUTED SYSTEMS II: THEORY AND APPLICATIONS **Серия книг:** Studies in Systems Decision and Control **Том:** 30 **Стр.:** 267-276 **DOI:** 10.1007/978-3-319-19075-4_16 **Опубликовано:** 2015 **5.** Evolution Inclusions in Nonsmooth Systems with Applications for Earth Data Processing Uniform Trajectory Attractors for Nonautonomous Evolution Inclusions Solutions with Pointwise Pseudomonotone Mappings **Авторы:** Zgurovsky, MZ (Zgurovsky, Michael Z.); Kasyanov, PO (Kasyanov, Pavlo O.)

						Отредактировано: Gao D; Ruan N; Xing W **Источник:** ADVANCES IN GLOBAL OPTIMIZATION **Серия книг:** Springer Proceedings in Mathematics & Statistics **Том:** 95 **Стр.:** 283-294 **DOI:** 10.1007/978-3-319-08377-3_28 **Опубликовано:** 2015 **6.** Lyapunov type functions for classes of autonomous parabolic feedback control problems and applications **Авторы:** Gluzman, MO (Gluzman, Mark O.); Gorban, NV (Gorban, Nataliia V.); Kasyanov, PO (Kasyanov, Pavlo O.) **Источник:** APPLIED MATHEMATICS LETTERS **Том:** 39 **Стр.:** 19-21 **DOI:** 10.1016/j.aml.2014.08.006 **Опубликовано:** JAN 2015

ІПСА	Кафедра математичних методів системного аналізу	Кузнєцова Наталія Володимирівна	7	1.Kuznietsova, N. Analytical technologies for clients' preferences analyzing with incomplete data recovering (2018) CEUR Workshop Proceedings, 2318, pp. 118-128. 2.Kuznietsova, N.V. Information technologies for clients' database analysis and behaviour forecasting (2017) CEUR Workshop Proceedings, 2067, pp. 56-62. 3.Kuznetsova, N.V., Bidyuk, P.I. Modeling of credit risks on the basis of the theory of survival (2017) Journal of Automation and Information Sciences, 49 (11), pp. 11-24. 4.Kuznietsova, N.V. Scoring technology for risk assessment of fraud in banking (2016) CEUR Workshop Proceedings, 1813, pp. 54-61. 5.Bidyuk, P.I., Kuznetsova, N.V. Forecasting the volatility of financial processes with conditional variance models (2014) Journal of Automation and Information Sciences, 46 (10), pp. 11-19. DOI: 10.1615/JAutomatInfScien.v46.i10.20		

ІПСА	Кафедра математичних методів системного аналізу	Макаренко Олександр Сергійович	30	(1)Multivaluedness aspects in self-organization, complexity and computations investigations by strong anticipation /Makarenko, A., 2018 //Studies in Systems, Decision and Control, 109, с. 33-54 (2)Toward development of neural networks with strong anticipation /Makarenko, A., 2017 // IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 – Proceedings 8100417, с. 1084-1087 (3)Neural networks with strong anticipation and some related problems of complexity theory /Makarenko, O.S., 2016 //Studies in Systems, Decision and Control, 55, с. 267-281 (4)Cellular automata, agents with mobility and gis for practical problems /Makarenko, A., Musienko, A., Popova, A., (...), Samorodov, E.,Trofimenko, A., 2012 //Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 7495 LNCS, с. 738-742 (5)Model equations and formation of structures in media with memory /Makarenko, A.S., 2012 //Ukrainian Journal of Physics, 57(4), с. 408-421 (6)Systems and models with anticipation in physics and its applications /Makarenko, A., 2012//Journal of Physics: Conference Series, 394(1), 012024 (7)Toward complex behavior and synchronization in networks and chaos with strong anticipation/Makarenko, A., 2011 //Proceedings of the Joint 3rd International Workshop on Nonlinear Dynamics and Synchronization, INDS'11 and 16th International Symposium on Theoretical Electrical Engineering, ISTET'11, 6024792, с. 100-104	29	(1)Virtual computational chemistry laboratory - design and description / Tetko, IV; Gasteiger, J; Todeschini, R; Mauri, A; Livingstone, D; Ertl, P; Palyulin, V; Radchenko, E; Zefirov, NS; Makarenko, AS; Tanchuk, VY; Prokopenko, VV // Journal of computer-aided molecular design. — 2005. — Vol. 19. — No 6. — P. P. 453—463 (2)On blow-up solutions in turbulence / Makarenko, AS; Moskalkov, MN; Levkov, SP // Physics letters a. — 1997. — Vol. 235. — No 4. — P. P. 391—397 (3)New differential equation model for hydrodynamics with memory effects / Makarenko, AS // Reports on mathematical physics. — 2000. — Vol. 46. —

						No 1—2. — P. P. 183— 190 (4)Some two-steps discrete-time anticipatory models with 'boiling' multivaluedness / Makarenko, Alexander S.; Stashenko, Alexander S. // Computing anticipatory systems. — 2006. — Vol. 839. — P. P. 265 + (5)MEDI 549-Virtual computational chemistry laboratory (VCCLAB) / Tetko, Igor V.; Gasteiger, Johann; Todeschini, Roberto; Mauri, Andrea; Livingstone, David J.; Ertl, Peter; Palyulin, Vladimir A.; Radchenko, Eugene V.; Zefirov, Nikolay S.; Makarenko, Alexander S.; Tanchuk, Vsevolod Y.; Prokopenko, Volodymyr // Abstracts of papers of the american chemical society V.http://www.vcclab.or

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ІПСА	Кафедра математичних методів системного аналізу	Мілявський Юрій Леонідович	10	1.Gubarev, V.F., Romanenko, V.D., Milyavsky, Yu.L. Identification in cognitive maps in the impulse processes mode with full information (2018) Journal of Automation and Information Sciences, 50 (8), pp. 1-15. DOI: 10.1615/jautomatinfscien.v50.i8.10 2.Zgurovsky, M.Z., Romanenko, V.D., Milyavsky, Y.L. Adaptive control of impulse processes in complex systems cognitive maps with multirate coordinates sampling (2016) Studies in Systems, Decision and Control, 69, pp. 363-374. DOI: 10.1007/978-3-319-40673-2_19		

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ІПСА	Кафедра математичних методів системного аналізу	Мухін Вадим Євгенійович	23	(1)Vadym Mukhin, Heorhii Loutskii, Oleg Barabash, Yaroslav Kornaga, Viktor Steshyn. Models for Analysis and Prognostication of the Indicators of the Distributed Computer Systems' Characteristics.// International Review on Computers and Software (IRECOS), Vol. 10, N 12, 2015. - pp. 1216 – 1224. (2)Vadym Mukhin, Yaroslav Kornaga, Yegeniy Mostovoi, Yuriy Bazacca. The model for the events monitoring in the heterogeneous distributed databases based on a vector-matrix operations.// Far East Journal of Electronics and Communications. Vol.16, Issue 3, September 2016. –pp. 645 -656. (3)Zhengbing Hu, Vadym Mukhin, Oleg Barabash, Yaroslav Kornaga, Oxana Herasymenko, Yaroslav Lavrenko. Analytical Assessment of Security Level of Distributed and Scalable Computer Systems.// International Journal of Intelligent Systems and Applications, Vol. 8, No 12, 2016.- pp. 57 – 64. (4)Zhengbing Hu, Vadym Mukhin, Yaroslav Kornaga, Oxana Herasymenko, Yurii Bazaka. The scheduler for the Grid-system based on the parameters monitoring of the computer components.// Eastern-European Journal of Enterprise Technologies. Vol 1, N 2 (85) , 2017. – pp. 31- 39 (5)Ху Чженбин, Мухин В.Е., Корнага Я.И., Герасименко О.Ю. Управ-ление ресурсами распределенной компьютерной системы с учетом уровня доверия к вычислительным компонентам.// Кибернетика и системный анализ, N2, Том 53, 2017. – с. 168 – 180. (6)Zhengbing Hu, Vadym Mukhin, Yaroslav Kornaga, Oxana Herasymenko, Yaroslav Lavrenko.	3	(1)Мухин В.Е. Многофакторная аутентификация как механизм защиты в вычислительных сетях // Кибернетика и системный анализ, N 5, 1999. - с. 170-175. (2)V.Ye. Mukhin, E.N. Pavlenko. Adaptive Networks Safety Control on Fuzzy Logic.// Advances in Electrical and Computer Engineering, N 1, Vol.7, 2007. – pp. 54 - 58. (3)Z. Hu., V.Y. Mukhin, Ya.I. Kornaga, O. Yu. Herasymenko. Resource management in a distributed computer system with allowance for the level of trust to computational components. //Cybernetics and Systems Analysis, Vol. 53. Iss.:2, 2017. - pp. 312-322.

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ІПСА	Кафедра математичних методів системного аналізу	Недашківська Надія Іванівна	9	1.Nedashkovskaya, N.I. Investigation of methods for improving consistency of a pairwise comparison matrix (2018) Journal of the Operational Research Society, 69 (12), pp. 1947-1956. DOI: 10.1080/01605682.2017.1415640 2.Pankratova, N.D., Nedashkovskaya, N.I. Evaluation of ecology projects for black sea odessa region on basis of a network BOCR criteria model (2018) 2018 IEEE 1st International Conference on System Analysis and Intelligent Computing, SAIC 2018 - Proceedings, art. no. 8516900, . DOI: 10.1109/SAIC.2018.8516900		

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ІПСА	Кафедра математичних	Палійчук Лілія Сергіївна	6	1. Gorban NV, Khomenko OV, Paliichuk LS, Tkachuk AM. Long-time behavior of state functions for climate energy balance model.		

	методів системного аналізу			Discrete Contin Dyn Syst Ser B 2017;22(5):1887-1897. DOI: 10.3934/dcdsb.2017112 2. Zgurovsky M, Gluzman M, Gorban N, Kasyanov P, Paliichuk L, Khomenko O. Uniform global attractors for non-autonomous dissipative dynamical systems. Discrete Contin Dyn Syst Ser B 2017;22(5):2053-2065. DOI: 10.3934/dcdsb.2017120 3. Gorban NV, Paliichuk LS. Uniform global attractor for nonautonomous reaction–diffusion equations with carathéodory's nonlinearity. Stud Syst Decis Control 2016;69:265-272. DOI: 10.1007/978-3-319-40673-2_13 4. Zgurovsky MZ, Kasyanov PO, Paliichuk LS, Tkachuk AM. Dynamics of solutions for controlled piezoelectric fields with multivalued "reaction-displacement" law. Stud Syst Decis Control 2015;30:267-276. DOI: 10.1007/978-3-319-19075-4_16 5. Gorban NV, Kapustyan OV, Kasyanov PO, Paliichuk LS. On global attractors for autonomous damped wave equation with discontinuous nonlinearity. Solid Mech Appl 2014;211:221-237. DOI: 10.1007/978-3-319-03146-0_16		
ІПСА	Кафедра математичних методів системного аналізу	Панкратова Наталія Дмитрівна	86	(1)A decision support system for evaluation of decision alternatives on basis of a network criteria model Pankratova, N.D., Nedashkovskaya, N.I. 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 - Proceedings		

				(2)System evaluation of engineering objects' operating taking into account the margin of permissible risk Pankratova, N., Kondratova, L. 2016 EasternEuropean Journal of Enterprise Technologies (3)System evaluation of engineering objects' operating taking into account the margin of permissible risk Pankratova, N., Kondratova, L. 2016 EasternEuropean Journal of Enterprise Technologies (4)Estimation of consistency of fuzzy pairwise comparison matrices using a defuzzification method Pankratova, N.D., Nedashkovskaya, N.I. 2016 Studies in Systems, Decision and Control (5)Problems of megapolises underground space system planning Pankratova, N.D., Gayko, G.I., Kravets, V.G., Savchenko, I.A. 2016 Journal of Automation and Information Sciences (6)Model of autocorrelative function of time series with strong dependence Pankratova, N.D., Zrazhevska, N.G. 2015 Journal of Automation and Information Sciences (7)Guaranteed safety operation of complex engineering systems Pankratova, N.D., Raduk, A.M. 2014 Solid Mechanics and its Applications (8)Knowledge information model of the scenario analysis Pankratova, N.D., Malafeeva, L.Yu. 2014 Journal of Automation and Information Sciences (9)Hybrid Method of Multicriteria Evaluation of Decision Alternatives Pankratova,		

				N.D., Nedashkovskaya, N.I. 2014 Cybernetics and Systems Analysis (10)Foresight and forecast for prevention, Mitigation and recovering after social, Technical and environmental disasters		
ІПСА	Кафедра математичних методів системного аналізу	Романенко Віктор Демидович	20	(1) Systematization of problems of automated control in cognitive maps' impulse processes for complex systems. 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 - Proceedings; 2017. (2) Combined control of impulse processes in complex systems' cognitive maps with multirate sampling. Proceedings of the 2017 IEEE 9th International Conference on Intelligent Data Acquisition and Advanced Computing Systems: Technology and Applications, IDAACS 2017; 2017. (3) Zgurovsky MZ, Romanenko VD, Milyavsky YL. Principles and methods of impulse processes control in cognitive maps of complex systems. Part II. J Autom Inform Sci 2016;48(7):4-16. (4) Zgurovsky MZ, Romanenko VD, Milyavsky YL. Principles and methods of impulse processes control in cognitive maps of complex systems. Part 1. J Autom Inform Sci 2016;48(3):36-45. (5) Zgurovsky MZ, Romanenko VD, Milyavsky YL. Adaptive control of impulse processes in complex systems cognitive maps with multirate coordinates sampling. Stud Syst Decis Control 2016;69:363-374. (6) Romanenko VD, Milyavsky YL, Reutov AA. Adaptive control method for unstable impulse	4	(1) Systematization of problems of automated control in cognitive maps' impulse processes for complex systems. 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 - Proceedings; 2017. (2) Combined control of impulse processes in complex systems' cognitive maps with multirate sampling. Proceedings of the 2017 IEEE 9th International Conference on Intelligent Data Acquisition and Advanced Computing Systems: Technology and Applications, IDAACS 2017; 2017. (3) Zgurovsky MZ, Romanenko VD,

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ІПСА	Кафедра математичних методів системного аналізу	Хоменко Ольга Володимирівна	7	1. Gorban NV, Khomenko OV, Paliichuk LS, Tkachuk AM. Long-time behavior of state functions for climate energy balance model. Discrete Contin Dyn Syst Ser B 2017;22(5):1887-1897. DOI: 10.3934/dcdsb.2017112 2. Zgurovsky M, Gluzman M, Gorban N, Kasyanov P, Paliichuk L, Khomenko O. Uniform global attractors for non-autonomous dissipative dynamical systems. Discrete Contin Dyn Syst Ser B 2017;22(5):2053-2065. DOI: 10.3934/dcdsb.2017120 3. Gorban IM, Khomenko OV. Flow control near a square prism with the help of frontal flat plates. Stud Syst Decis Control 2016;69:327-350. DOI: 10.1007/978-3-319-40673-2_17		

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ІПСА	Кафедра системного проектування	Безносик Олександр Юрійович	15	1. Chkalov O. RLC-Circuit Reduction Algorithm Modifications / Chkalov Oleksiy, Beznosyk Oleksandr, Finogenov Oleksii, Ladogubets Tatiana // The Experience of Designing and Application of CAD Systems in Microelectronics : 14th International Conference CADSM'2017, 21-25 February 2017, Polyana (Zakarpattya), Ukraine : proc. – Lviv : Publishing House Vezha&Co, 2017. – P. 13–18. 2. Chkalov O. Evaluation of Static Characteristics of Capacitive Micro-mashined Ultrasound Transducer / Chkalov Oleksiy, Beznosyk Oleksandr, Kyriusha Bogdan, Finogenov Oleksii // The Experience of Designing and Application of CAD Systems in Microelectronics : 14th International Conference CADSM'2017, 21-25 February 2017, Polyana (Zakarpattya), Ukraine : proc. – Lviv : Publishing House Vezha&Co, 2017.		

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ІПСА	Кафедра системного проектування	Кисельов Геннадій Дмитрович	8	1. Gennadiy Kyselov. Exploring the vector space model for online courses / Roman Shaptala, Anna Kyselova Gennadiy Kyselov // 2017 IEEE First Ukraine Conference on Electrical and Computer Engineering (UKRCON), 2017. – P.861-864. 2. Gennadiy Kyselov. Power grid converter control improvement based on contextual data / Ievgen Verbytskyi, Anna Kyselova, Gennadiy Kyselov // 2017 IEEE First Ukraine Conference on Electrical and Computer Engineering (UKRCON) – P.599-604.		

				3. Gennadiy Kyselov. Real-time energy pricing and fuels consumption models / Ievgen Pichkalov, Anna Kyselova, Gennadiy Kyselov // 2017 IEEE 5th Workshop on Advances in Information, Electronic and Electrical Engineering (AIEEE), P.25-31. 4. Kyselov G.D. Context-aware framework for energy management system /Verbitskyi I.V., Kyselova A.G., Kyselov G.D. //2016 IEEE International Conference on Intelligent Energy and Power Systems (IEPS) . – 2016. – P. 128-133 5. Kyselov G.D. Method of decision support of network with semiconductor converters of electricity/ Zhyikov V.Ja, Kyselova A.G., Kyselov G.D. // Tekhnichna Elektrodynamika. – 2014. – №5 – P.38-40.		
ІПСА	Кафедра системного проектування	Кисельова Анна Геннадіївна	13	1. Anna Kyselova. Exploring the vector space model for online courses / Roman Shaptala, Anna Kyselova, Gennadiy Kyselov // 2017 IEEE First Ukraine Conference on Electrical and Computer Engineering (UKRCON) – 2017. – P. 861-864. 2. Anna Kyselova. Power grid converter control improvement based on contextual data / Ievgen Verbytskyi, Anna Kyselova, Gennadiy Kyselov // 2017 IEEE First Ukraine Conference on Electrical and Computer Engineering (UKRCON) – 2017. – P. 599-604. 3. Anna Kyselova. Real-time energy pricing and fuels consumption models / Ievgen Pichkalov, Anna Kyselova, Gennadiy Kyselov // 2017 IEEE 5th Workshop on Advances in Information, Electronic and Electrical Engineering (AIEEE). – P. 25-31.		

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ІПСА	Кафедра системного проектування	Петренко Анатолій Іванович	53	1. Newell, M.E., Newell, R.G., Sancha, T.L., Petrenko, A.I., Pinel, J.F., Roberts, K.A., Rabbat, N.B., Ryan, W.D., Hossain, S.Q.A.M.A., Radley, P.E., Revett, M.C., Fidler, J.K., Richards, C.J., Carter, A.W.H. COMPUTER AIDED DESIGN, INTERNATIONAL CONFERENCE, UNIVERSITY OF SOUTHAMPTON, ENGL, APR 24-28 1972. (2017) Inst Electr Eng, Conf Publ, (86 . IEE), 431 p. 2. Petrenko, A.I. Mobile health applications to support diabetic patient and doctor (2014) Proceedings of IEEE East-West Design and Test Symposium, EWDTS 2014, статья № 7027105 DOI: 10.1109/EWDTS.2014.7027105 3. Petrenko, A.I., Svistunov, S.Y., Svirin, P.V. Novel approaches for nordugrid arc resource brokering (2013) CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 6652861, pp. 352-353. 4. Petrenko, A. Design methodology and workflow for MEMS design		

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ІПСА	Кафедра системного проектування	Рогоза Валерій Станіславович	16	1.W.Rogoza, A.Sergeev-Gorchinski. The comparison of the stochastic algorithms for the filter parameters calculation. – In: Advances in Intelligent Systems and Computing, Springer, 2014, v.240, P. 241– 250. 2. W.Rogoza. Structural analysis of singularly perturbed state models. – In: Soft Computing in Computer and Information Science - Advances in Intelligent Systems and Computing, vol. 342, Springer, 2015, P.371-383. 3. W.Rogoza, Zabłocki M. A weather forecasting system using intelligent BDI Multiagent-Based Group Method of Data Handling. – In: Hard and Soft Computing for Artificial Intelligence, Multimedia and Security, vol. 534, Springer, 2017, P. 37-48. 4. W.Rogoza, Deterministic method for the prediction of time series. – In: Hard and Soft Computing for Artificial Intelligence, Multimedia and Security, vol. 534, Springer, 2017, P.68-80. 5. W.Rogoza, The structural analysis of singularly		

				perturbed state models of electronic circuits using formula templates.- Przegląd Elektrotechniczny (Poland), R91, #11, 2015, P.171-177.		
ІПСА	Кафедра системного проектування	Стіканов Валерій Юхимович	11	1. Alessandro Grossi, Cristian Zambelli, Piero Olivo, Enrique Miranda, Valeriy Stikanov, Christian Walczyk, and Christian Wenger, "Electrical characterization and modeling of pulse-based forming techniques in RRAM arrays," Solid-State Electronics, 115 (2016). – pp. 17-25. 2. Alessandro Grossi, Damian Walczyk, Cristian Zambelli, Enrique Miranda, Piero Olivo, Valeriy Stikanov, Alessandro Feriani, Jordi Suñé, Gunter Schoof, Rolf Kraemer, Bernd Tillack, Alexander Fox, Thomas Schroeder, Christian Wenger, and Christian Walczyk, "Impact of inter-cell and intra-cell variability on forming and switching parameters in RRAM arrays," IEEE Transactions on Electron Devices (TED), August 2015, volume 62, number 8. 3. Cristian Zambelli, Alessandro Grossi, Damian Walckzyk, Thomas Bertaud, Bernard Tillack, Thomas Schroeder, Valeriy Stikanov, Christian Walckzyk, "Statistical analysis of resistive switching characteristics in ReRAM test arrays," IEEE International Conference on Microelectronic Test Structures (ICMTS), 2014. 4. Alessandro Grossi, Cristian Zambelli, Piero Olivo, Enrique Miranda, Valeriy Stikanov, Thomas Schroeder, Christian Walczyk, and Christian Wenger, "Relationship among current fluctuations during forming, cell-to-cell variability and reliability in RRAM arrays," IEEE International Memory Workshop (IMW), 2015.		

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ІС33І	СК № 1	Олексійчук Антон Миколайович	14	1. Non-Asymptotic LowerBoundsfortheDataComplexityofStatisticalAttacksonSymmetricCryptosystems Alekseychuk, A.N.2018 CyberneticsandSystemsAnalysis 2.SecureandPracticalRandomizedStreamCiphersBasedon Reed–Solomon CodesAlekseychuk, A.N., Gryshakov, S.V. 2017. CyberneticsandSystemsAnalysis 0 3.OntheEfficiencyoftheProbabilisticNeutralBitsMethodinStatisticalCryptanalysisofSynchronousStream Ciphers. Alekseychuk, A.N., Konyushok, S.N.2016 CyberneticsandSystemsAnalysis 4. CryptographicPropertiesof a NewNationalEncryption Standard ofUkraine Alekseychuk, A.N., Kovalchuk, L.V., Shevtsov, A.S., Yakovliev, S.V.2016 CyberneticsandSystemsAnalysis 5.ImprovedUpperBoundfortheRelativeDistanceBetween a BooleanFunctionandtheSetof k-Dimensional FunctionsAlekseychuk, A.N.2015 CyberneticsandSystemsAnalysis 6. Algebraically Degenerate Approximationsof Boolean Functions		

				Alekseychuk, A.N., Konyushok, S.N.2014 CyberneticsandSystemsAnalysis 7. Animprovedtestofbooleanfunctionsfor k-dimensionality Alekseychuk, A.N., Konyushok, S.N.2013 CyberneticsandSystemsAnalysis		
ІТС	Інформаційно-телекомунікаційних мереж	Глоба Лариса Сергіївна	96	1. Novogrudska, R.L., Globa, L.S., Koval, A.V., Senchenko, V.R. Ontology model of intelligent modeling system for marine facilities identification (2017) 2nd International Conference on Information and Telecommunication Technologies and Radio Electronics, UkrMiCo 2017 - Proceedings, статья № 8095426 DOI: 10.1109/UkrMiCo.2017.8095426 2. Volvach, I., Globa, L. Method of generalized quality index calculation in mobile networks (2017) 2017 14th International Conference The Experience of Designing and Application of CAD Systems in Microelectronics, CADSM 2017 - Proceedings, статья № 7916101, pp. 130-132. DOI: 10.1109/CADSM.2017.7916101 3. Nataliia, G., Oleksandr, S., Larysa, G. Experimental analysis of PCPB scheduling algorithm (2017) 2017 14th International Conference The Experience of Designing and Application of CAD Systems in Microelectronics, CADSM 2017 - Proceedings, статья № 7916126, pp. 244-247. DOI: 10.1109/CADSM.2017.7916126	39	1. Ontology model of intelligent modeling system for marine facilities identification Автор: Novogrudska, R. L.; Globa, L. S.; Koval, A., V; и др. Группы авторов книг: IEEE Конференция: 2nd International Conference on Information and Telecommunication Technologies and Radio Electronics (UkrMiCo) Местоположение: Odessa, UKRAINE публ.: SEP 11-15, 2017 Спонсоры: Natl Tech Univ Ukraine, Igor Sikorsky Kyiv Politechn Inst; IEEE 2017 SECOND INTERNATIONAL

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						2017 SECOND INTERNATIONAL CONFERENCE ON INFORMATION AND TELECOMMUNICATION TECHNOLOGIES AND RADIO ELECTRONICS (UKRMICO) Опубликовано: 2017 3. The approach to engineering tasks composition on knowledge portals Автор: Novogrudska, Rina; Globa, Larysa; Schill, Alexsander; и др. Конференция: Conference on Photonics Applications in Astronomy, Communications, Industry, and High Energy Physics Experiments Местоположение: Wilga, POLAND публ.: MAY 28-JUN 06, 2017 Спонсоры: Warsaw Univ Technol, Inst Elect Syst, Fac Elect & Informat Technologies;

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ІТС	Інформаційно-телекомунікаційних мереж	Бунін Сергій Георгійович	30	1. Trubarov, I.V., Bunin, S.G., Mykhailov, S.O. Analysis of the IR-UWB communication channel in case of 'non-energy' receiver (2017) 2nd International Conference on Information and Telecommunication Technologies and Radio Electronics, UkrMiCo 2017 - Proceedings, статья № 8095403 DOI: 10.1109/UkrMiCo.2017.8095403 2. Zhohov, R., Bunin, S., Halonen, K. Improved detection scheme for non-coherent UWB communications (2016) 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, статья № 7724186, pp. 194-197. DOI: 10.1109/UWBUSIS.2016.7724186 3. Zghurskyi, O., Bunin, S. A survey of clustering protocols for MANET with weighted metric for cluster head selection (2014) 2014 1st International Scientific-Practical Conference Problems of Infocommunications Science and Technology, PIC S and T 2014 - Conference Proceedings, статья № 6992296, pp. 54-56. DOI: 10.1109/INFOCOMMST.2014.6992296 4. Bunin, S., Plotnyk, K. New approach in construction ad hoc and MANET		

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ІТС	Інформаційно-телекомунікаційних мереж	Алєксєєв Микола Олександрович	28	1. Alieksieiev, M.O., Maiboroda, O.V., Onysko, A.O., Alekseev, O.M. Repeating tasks scheduling in desktop grid systems (2014) CriMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 6959423, pp. 342-343. DOI: 10.1109/CRMICO.2014.6959423 2. Borys, T.V., Alekseyev, N.A. Comparative analysis of mapreduce technology (2013) CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 6652867, pp. 364-365. 3. Izai, D.Yu., Alekseyev, N.A. Data storage based on distributed file systems with data replication (2013) CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference		

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ІТС	Інформаційно-телекомунікаційних мереж	Шелковніков Борис Миколайович	71	1. Samsonov, S.S., Shelkovnikov, B.N. Operational features of static M2M devices under changing coverage environment (2014) CriMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 6959433, pp. 362-363. DOI: 10.1109/CRMICO.2014.6959433 2.Zholdasuly, M., Nurbayev, S.S., Shelkovnikov, B.N. Comparative analysis of delay in voice transmission and congestion influence in LTE network (2014) CriMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 6959437, pp. 370-371.	30	1. COMPARATIVE ANALYSIS OF THE CALCULATION RESULTS FOR THE COMMUNICATION RANGE WITH THE SIMULATION RESULTS OF NETWORK COVERAGE LTE Автор: Nurbayev, S. S.; Zholdasuly, M.; Shelkovnikov, B. N. Группы авторов книг: IEEE Конференция: 24th International Crimean

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ІТС	Кафедра інформаційно-	Скулиш Марія Анатоліївна	22	Skulysh, M.		

	телекому нікаційни х мереж			The method of resources involvement scheduling based on the long-Term statistics ensuring quality and performance parameters (2017) 2nd International Conference on Information and Telecommunication Technologies and Radio Electronics, UkrMiCo 2017 - Proceedings, статья № 8095430 DOI: 10.1109/UkrMiCo.2017.8095430 Mariia, S. The method of computing organization in high loaded SDN controller system (2017) 2017 14th International Conference The Experience of Designing and Application of CAD Systems in Microelectronics, CADSM 2017 - Proceedings, статья № 7916080, pp. 39-42 DOI: 10.1109/CADSM.2017.7916080 Larysa, G., Mariia, S., Svitlana, S. Method for resource allocation of virtualized network functions in hybrid environment (2017) 2016 IEEE International Black Sea Conference on Communications and Networking, BlackSeaCom 2016, статья № 7901546 DOI: 10.1109/BlackSeaCom.2016.7901546 Mariia, S., Svitlana, S. Service deployment aspects in the systems with network function virtualization (2016) 2016 IEEE International Scientific Conference ""Radio Electronics and Info Communications"", UkrMiCo 2016 - Conference Proceedings, статья № 7739647 DOI: 10.1109/UkrMiCo.2016.7739647 Skulysh, M., Klimovych, O. Approach to virtualization of Evolved Packet Core Network Functions		

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ITC	Інформаційно-телекомунікаційних мереж	Степурін Олександр Володимирович	5	1. Schill, A., Globa, L., Stepurin, O., Gvozdetska, N., Prokopets, V. Power Consumption and Performance Balance (PCPB) scheduling algorithm for computer cluster (2017) 2nd International Conference on Information and Telecommunication Technologies and Radio Electronics, UkrMiCo 2017 - Proceedings, статья № 8095365 DOI: 10.1109/UkrMiCo.2017.8095365 2. Nataliia, G., Oleksandr, S., Larysa, G. Experimental analysis of PCPB scheduling algorithm (2017) 2017 14th International Conference The Experience of Designing and Application of CAD Systems in Microelectronics, CADSM 2017 - Proceedings, статья № 7916126, pp. 244-247. DOI: 10.1109/CADSM.2017.7916126 3. Luntovskyy, A., Globa, L., Stepurin, O. Performance-energy tradeoff models for distributed computing (2016) Modern Problems of Radio Engineering, Telecommunications and Computer Science, Proceedings of the 13th International Conference on TCSET 2016, статья № 7452131, pp. 613-617. DOI: 10.1109/TCSET.2016.7452131 4. Globa, L., Stepurin, O. Approaches to minimize power consumption of computation network	3	1. Power Consumption and Performance Balance (PCPB) scheduling algorithm for computer cluster Автор: Schill, Alexander; Globa, Larysa; Stepurin, Oleksandr; и др. Группы авторов книг: IEEE Конференция: 2nd International Conference on Information and Telecommunication Technologies and Radio Electronics (UkrMiCo) Местоположение: Odessa, UKRAINE публ.: SEP 11-15, 2017 Спонсоры: Natl Tech Univ Ukraine, Igor Sikorsky Kyiv Politechn Inst; IEEE 2017 SECOND INTERNATIONAL

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						Technol; Military Univ Technol; IEEE MTT ED AP CPMT SSC W Ukraine Chapter; Biophys Tools GMBH; Rohde & Schwarz Representat Off Ukraine 2016 13TH INTERNATIONAL CONFERENCE ON MODERN PROBLEMS OF RADIO ENGINEERING, TELECOMMUNICATIONS AND COMPUTER SCIENCE (TCSET) Стр.: 613-617 Опубликовано: 2016 3. Approaches to Minimize Power Consumption of Computation Network Автор: Globa, Larysa; Stepurin, Oleksandr Группы авторов книг: IEEE Конференция: 13th International Conference on Experience of Designing and

						Application of CAD Systems in Microelectronics (CADSM) Местоположение: Lviv Polja, UKRAINE публ.: FEB 24-27, 2015 Спонсоры: IEEE; IEEE Ukraine Sect; Minist Educ & Sci Ukraine; Lviv Polytechn Nat Univ PROCEEDINGS OF XIIITH INTERNATIONAL CONFERENCE - EXPERIENCE OF DESIGNING AND APPLICATION OF CAD SYSTEMS IN MICROELECTRONICS CADSM 2015 Стр.: 57-59 Опубликовано: 2015
ІТС	Кафедра інформаційно-телекомунікаційних мереж	Сундучков Костянтин Станіславович	44	1. Sunduchkov, K., Bubnov, N., Golik, A., Sunduchkov, A. High-speed distribution network for delivering signals to subscribers of the mobile communication (2015) 2015 International Conference on Signal Processing and Communication, ICSC 2015, статья № 7150645, pp. 189-192.		

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ІТС	Кафедра телекомунікацій	Кравчук Сергій Олександрович	53	1. Ilchenko, M., Kaidenko, M., Kravchuk, S., Khytrovskyy, V. Compact troposcatter station for transhorizon communication (2017) 2nd International Conference on Information and Telecommunication Technologies and Radio Electronics, UkrMiCo 2017 - Proceedings, статья № 8095364DOI: 10.1109/UkrMiCo.2017.8095364 2. Afanasieva, L., Minochkin, D., Kravchuk, S. Providing telecommunication services to antarctic stations (2017) 2nd International Conference on Information and Telecommunication Technologies and Radio Electronics, UkrMiCo 2017 - Proceedings, статья № 8095419 DOI: 10.1109/UkrMiCo.2017.8095419 3. Kravchuk, S., Minochkin, D., Omiotek, Z., Bainazarov, U., Weryska-Bieniasz, R., Iskakova, A. Cloud-based mobility management in heterogeneous wireless networks (2017) Proceedings of SPIE - The International Society for Optical Engineering, 10445, статья № 104451 DOI: 10.1117/12.2280888 4. Serhii, K., Mykola, K. Features of creation of modem equipment for the new generation compact troposcatter stations(2016) 2016 IEEE International Scientific Conference "Radio Electronics and Info Communications", UkrMiCo 2016 - Conference Proceedings, статья № 7739634 DOI: 10.1109/UkrMiCo.2016.7739634 5. Michael, Z., Vitaliy, K., Michael, I., Teodor, N., Serhii, K., Leonid, C.		

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ITC	Кафедра телекомунікацій	Лисенко Олександр Іванович	23	1. Lysenko, A.I., Chumachenko, S.N., Valuiskyi, S.V. Technology for environmental monitoring using wireless sensor networks (2014) CriMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 6959379, pp. 251-252. 2. Lysenko, A.I., Afanasieva, L.A. Model example of suboptimal filtration (2013) CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 6652811, pp. 246-247. 3. Lysenko, A.I., Valuiskyi, S.V., Romaniuk, A.V. Synthesis of rational topology of wireless sensor networks (2013) CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 6652821, pp. 269-270. 4. Lysenko, A.I., Valuiskyi, S.V. Method of increasing the wireless ad hoc network throughput (2012) CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and		

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ІТС	Кафедра телекомунікацій	Трубаров Ігор Володимирович	8	"1. Trubarov, I.V., Bunin, S.G., Mykhailov, S.O. Analysis of the IR-UWB communication channel in case of 'non-energy' receiver (2017) 2nd International Conference on Information and Telecommunication Technologies and Radio Electronics, UkrMiCo 2017 - Proceedings, статья № 8095403. 2. Zakharov, A.V., Il'chenko, M.E., Trubarov, I.V. Combline filters designed on symmetric stripline (2017) Journal of Communications Technology and Electronics, 62 (6), pp. 626-633. 3. Zakharov, A.V., Il'chenko, M.E., Trubarov, I.V. Planar three-resonator bandpass filters with cross coupling (2017) Journal of Communications Technology and Electronics, 62 (2), pp. 185-193. 4. Zakharov, A.V., Ilchenko, M.Y., Trubarov, I.V., Pinchuk, L.S. Stripe delay filters (2016) Radioelectronics and Communications Systems, 59 (4), pp. 173-178. 5. Trubin, A.A., Trubarov, I.V. Microwave antennas using microstrip line with orthogonally placed dielectric resonator		

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ІТС	Кафедра телекомунікацій	Якорнов Євгеній Аркадійович	35	1. Yakornov, E.A., Avdeyenko, G.L., Korsak, V.V. Spatial processing algorithm of radiation sources in the near and intermediate zones of linear antenna array for monitoring systems (2016) 2016 IEEE International Scientific Conference "Radio Electronics and Info Communications", UkrMiCo 2016 - Conference Proceedings, статья № 7739628 DOI: 10.1109/UkrMiCo.2016.7739628 2. Avdeyenko, G.L., Branchuk, V.N., Yakornov, E.A. The broadband phase radio direction finder for coordinate determination of radiation sources of harmonic signals (2014) CriMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 6959387, pp. 267-268 DOI: 10.1109/CRMICO.2014.6959387 3. Avdeyenko, G.L., Chizhevskaya, A.V., Yakornov, E.A. Possibilities of increasing capacity of microwave links for their repeaters in Fresnel zone (2014) CriMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 6959401, pp. 296-297. DOI: 10.1109/CRMICO.2014.6959401 4. Mazurenko, O.V., Yakornov, E.A.		

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ІТС	Кафедра телекомунікацій	Авдєєнко Гліб Леонідович	25	Yakornov, E.A., Avdeyenko, G.L., Korsak, V.V. Spatial processing algorithm of radiation sources in the near and intermediate zones of linear antenna array for monitoring systems (2016) 2016 IEEE International Scientific Conference "Radio Electronics and Info Communications", UkrMiCo 2016 - Conference Proceedings, статья № 7739628 DOI: 10.1109/UkrMiCo.2016.7739628 Avdeyenko, G.L., Branchuk, V.N., Yakornov, E.A. The broadband phase radio direction finder for coordinate determination of radiation sources of harmonic signals (2014) CriMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, статья № 6959387, pp. 267-268. DOI: 10.1109/CRMICO.2014.6959387		

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ІТС	Кафедра телекомунікаційних систем	Ільченко Михайло Юхимович	163	1. Zakharov, A., Ilchenko, M.Trisection microstrip delay line filter with mixed cross-coupling (2017) IEEE Microwave and Wireless Components Letters, 27 (12), pp. 1083-1085. 2. Ilchenko, M.E., Zhivkov, A.P. Areas of degeneration oscillations in metamaterial cells	100	1.Combline Filters Designed on Symmetric Stripline Автор:: Zakharov, A. V.; Il'chenko, M. E.; Trubarov, I. V.

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ІТС	Кафедра телекомунікаційних систем	Підгурська, Тетяна Вікторівна	10	1. Tetiana, P., Alexander, T., Ruslan, I. Novel dual-mode double-band filter on dielectric resonators (2015) 2015 IEEE International Black Sea Conference on Communications and Networking, BlackSeaCom 2015, статья № 7185116, pp. 206-209. DOI: 10.1109/BlackSeaCom.2015.7185116 2. Pidhurska, T.V., Trubin, A.A. Dual-bandpass filter built on rectangular dielectric resonators (2015) Radioelectronics and Communications Systems, 58 (4), pp. 174-180. DOI: 10.3103/S0735272715040056 3. Tetiana, P., Trubin, O. Novel dual-band rectangular dielectric resonator filter (2014) BIHTEL 2014 - 10th International Symposium on Telecommunications, Proceedings, статья № 6987634 DOI: 10.1109/BIHTEL.2014.6987634 4. Larysa, G., Mariia, S., Tetiana, P., Reverchuk, A. Managing of incoming stream applications in online charging system		

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ІТС	Кафедра телекомунікацій	Романов Олександр Іванович	9	"1. Romanov, O.I., Hordashnyk, Y.S., Dong, T.T. Method for calculating the energy loss of a light signal in a telecommunication Li-Fi system (2017) 2nd International Conference on Information and Telecommunication Technologies and Radio Electronics, UkrMiCo 2017 - Proceedings, статья № 8095404, . 2. Romanov, O.I., Nesterenko, M.M., Veres, L.A., Hordashnyk, Y.S. IMS: Model and calculation method of telecommunication network's capacity (2017) 2nd International Conference on Information and Telecommunication Technologies and Radio Electronics, UkrMiCo 2017 - Proceedings, статья № 8095412, . 3. Romanov, O.I., Oryschuk, M.V., Hordashnyk, Y.S. Computing of influence of stimulated Raman scattering in DWDM telecommunication systems		

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ІТС	Кафедра телекомунікаційних систем	Уривський Леонід Олександрович	27	1) Uryvsky, L., Moshynska, A., Osypchuk, S. Applied research of modulation-coding schemes selection algorithms effectiveness in 802.11 equipment 2018 2017 4th International Scientific-Practical Conference Problems of Infocommunications Science and Technology, PIC S and T 2017 - Proceedings 2018-January 405 409 10.1109/INFOCOMMST.2017.8246427 2) Uryvsky, L., Pieshkin, A. Assessment of information efficiency of error-correcting codes in Plotkin bound 2017 2nd International Conference on Information and Telecommunication Technologies and Radio Electronics, UkrMiCo 2017 - Proceedings 8095413 10.1109/UkrMiCo.2017.8095413 3) Uryvsky, L., Moshynska, A., Osypchuk, S.	11	1. Title: The 802.11 protocols usage for wireless systems construction with flexible architecture Author(s): Uryvsky, L.; Osypchuk, S.; Shmigel, B. Conference: Modern Problems of Radio Engineering, Telecommunications and Computer Science, Proceedings of the 13th

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ITC	Кафедра телекомунікаційних систем	Осипчук Сергій Олександрович	21	1.Uryvsky, L., Moshynska, A., Osypchuk, S. Analysis of digital signal quality indicators based on analytic and stochastic modeling (2017) 2nd International Conference on Information and Telecommunication Technologies and Radio Electronics, UkrMiCo 2017 - Proceedings, статья № 8095414, 2. Uryvsky, L., Moshynska, A., Osypchuk, S. Efficiency analysis of signal-code sequences selection algorithms on IEEE 802.11 equipment (2017) 2nd International Conference on Advanced Information and Communication Technologies, AICT 2017 - Proceedings, статья № 8020090, pp. 159-163. 3. Narytnik, T., Uryvsky, L., Lutchak, O., Osypchuk, S.	17	1. Title: 1.2 Gbps radio link implementation in THz band based on IEEE 802.11n standard Author(s): Narytnik, T.; Uryvsky, L.; Lutchak, O.; et al. Conference: 2016 IEEE International Black Sea Conference on Communications and Networking, BlackSeaCom 2016 Year: 2017 Times Cited: 0 DOI:

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MMI	Кафедра лазерної техніки та фізико-технічних технологій	Анякін М.І.	22	1. Kovalenko, V., Yao, J., Zhang, Q., Anyakin, M., Hu, X., Zhuk, R.,"Development of Multichannel Gas-powder Feeding System Coaxial with Laser Beam",2016,"Procedia CIRP" 2. Zhang, Q., Yao, J., Kovalenko, V.S., Hu, X., Anyakin, N.I., Kondrashev, P.V., Zhuk, R.O., Stepura, A.N.,"Productivity and quality of cladding with a coaxial supply of laser radiation and a gas—powder mixture (Jet)",2015,"Surface Engineering and Applied Electrochemistry" 3. Shelud'ko, V.E., Paustovskii, A.V., Rud', B.M., Gonchar, A.G., Timofeeva, I.I., Rogozinskaya, A.A., Tel'nikov, E.Y., Smertenko, P.S., Anyakin, N.I., Kremenitskii, V.V., Zakharchenko, I.V.,"The Surface Morphology and Electrophysical Properties of Thick SnO<inf>2</inf>–Sb Films After Laser Processing",2015,"Powder Metallurgy and Metal Ceramics" 4. Anyakin, N.I., Nayebi, M., Kovalenko, V.S., Kremenitskii, V.V., Zhuk, R.O., Stepura, A.N., Kondrashev, P.V.,"Technology of dimensional laser processing of intractable materials",2014,"Surface Engineering and Applied Electrochemistry" 5. Kovalenko, V., Yao, J., Zhang, Q., Kondrashev, P., Anyakin, M., Zhuk, R., Stepura, O.,"Influence of the interaction of focused laser	10	

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ММІ	Кафедра лазерної техніки та фізико-технічних технологій	Жук Р.О.	14	1. Goncharuk, O., Zhuk, R., Kaglyak, O., Dzhemelinskyi, V., Lesyk, D. Laser Sintering of Abrasive Layers with Inclusions of Cubic Boron Nitride Grains (2018) Lasers in Manufacturing and Materials Processing, 5 (3), pp. 298-316. DOI: 10.1007/s40516-018-0068-0 2.Kovalenko, V., Yao, J., Zhang, Q., Anyakin, M., Hu, X., Zhuk, R. Development of Multichannel Gas-powder Feeding System Coaxial with Laser Beam (2016) Procedia CIRP, 42, pp. 96-100. DOI: 10.1016/j.procir.2016.02.197 3.Zhang, Q., Yao, J., Kovalenko, V.S., Hu, X., Anyakin, N.I., Kondrashev, P.V., Zhuk, R.O., Stepura, A.N. Productivity and quality of cladding with a coaxial supply of laser radiation and a gas—powder mixture (Jet) (2015) Surface Engineering and Applied Electrochemistry, 51 (4), pp. 339-346. DOI: 10.3103/S1068375515040158	7	

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ММІ	Кафедра лазерної техніки та фізико-технічних технологій	Джемелінський Віталій Васильович	13	1.Goncharuk, O., Zhuk, R., Kaglyak, O., Dzhemelinskyi, V., Lesyk, D. Laser Sintering of Abrasive Layers with Inclusions of Cubic Boron Nitride Grains (2018) Lasers in Manufacturing and Materials Processing, 5 (3), pp. 298-316. DOI: 10.1007/s40516-018-0068-0 2.Lesyk, D.A., Martinez, S., Mordyuk, B.N., Dzhemelinskyi, V.V., Lamikiz, A., Prokopenko, G.I., Grinkevych, K.E., Tkachenko, I.V. Laser-Hardened and Ultrasonically Peened Surface Layers on Tool Steel AISI D2: Correlation of the Bearing Curves' Parameters, Hardness and Wear (2018) Journal of Materials Engineering and Performance, 27 (2), pp. 764-776. DOI: 10.1007/s11665-017-3107-7		

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ММІ	Кафедра динаміки і міцності машин та опору матеріалів	Янчевський Ігор Владиславович	22	1.Kubenko, V., Yanchevskyi, I.V. Axisymmetric nonstationary elastic contact problem for conforming surfaces (2018) Archive of Applied Mechanics, 88 (9), pp. 1559-1571. DOI: 10.1007/s00419-018-1387-5 2.Yanchevskii, I.V. Nonstationary Vibrations of Electroelastic Cylindrical Shell in Acoustic Layer (2018) International Applied Mechanics, 54 (4), pp. 431-442. DOI: 10.1007/s10778-018-0896-9		

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ММІ	Кафедра динаміки і міцності машин та опору матеріалів	Крищук Микола Георгійович	33	1.Maslei, V.N., Krishchuk, N.G., Tsybenko, A.S. Analysis of Harmonic Vibration Characteristics for a Composite Honeycomb Panel of the Spacecraft Scanner (2018) Strength of Materials, 50 (4), pp. 655-664. DOI: 10.1007/s11223-018-0010-x 2.Kryshchuk, M., Lavendels, J. Iterative Method for Solving a System of Linear Equations		

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ПБФ	Кафедра оптичних та	Боровицький Володимир Миколайович	24	1.Borovytsky, V., Hudz, O., Antonenko, V. The improved optical setup for Abbe-Porter experiment		

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ПБФ	Кафедра оптичних та оптико-електронних приладів	Міхеєнко Леонід Андрійович	7	1. Mikheenko, L., Borovytsky, V., Averin, D. Optimization of the precise uniform light source based on optically connected integrating spheres (2016) Proceedings of SPIE - The International Society for Optical Engineering, 9972, статья № 99721Q, . 2. Mikheenko, L., Borovytsky, V., Hudz, O. Precise prelaunch radiometric calibration of VIIRs (2015) Proceedings of SPIE - The International Society for Optical Engineering, 9607, статья № 960726, . 3. Mikheenko, L., Borovytsky, V., Mironovich, V. Design of the precise uniform light source based on optically connected integrating spheres for VIIR calibration (2014) Proceedings of SPIE - The International Society for Optical Engineering, 9218, статья № 92181T, . 4. Mikheenko, L., Borovytsky, V. Energetic balance in the precise uniform light source based on optically connected integrating spheres (2013) Proceedings of SPIE - The International Society for Optical Engineering, 8866, статья № 88661V, . 5. Mikheenko, L., Borovytsky, V. Metrological advantages of the light source based on optically connected integrating spheres (2012) Proceedings of SPIE - The International Society for Optical Engineering, 8511, статья № 851113, .		
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ПБФ	Кафедра виробництва приладів	Антонюк Віктор Степанович	11	1. Yatsenko, I.V., Antonyuk, V.S., Gordienko, V.I., Vaschenko, V.A., Kiritchenko, O.V. Determining the critical parameters of the electron beam with surface melting of the optical elements of precision instrumentation (2017) Journal of Nano- and Electronic Physics, 9 (1), статья №		

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ПБФ	Кафедра виробництва приладів	Безуглий Михайло Олександрович	7	1. Bezuglyi, M.A., Bezuglaya, N.V., Helich, I.V. Ray tracing in ellipsoidal reflectors for optical biometry of media (2017) Applied optics, 56 (30), pp. 8520-8526. DOI: 10.1364/AO.56.008520 2. Bezuglyi, M., Bezuglaya, N., Viruchenko, A. On the possibility of ellipsoidal photometry and Monte Carlo simulation to spatial analysis of biological media (2017) 2017 IEEE 37th International Conference on Electronics and Nanotechnology, ELNANO 2017 - Proceedings, статья № 7939771, pp. 321-324. DOI: 10.1109/ELNANO.2017.7939771 3. Bezuglyi, M.A., Bezuglaya, N.V. Ellipsoidal reflectors in biomedical diagnostic (2013) Progress in Biomedical Optics and Imaging - Proceedings of SPIE, 9032, статья № 90320V DOI: 10.1117/12.2044606 4. Bezuglaya, N.V., Bezuglyi, M.A. Spatial photometry of scattered radiation by biological objects (2013) Progress in Biomedical Optics and Imaging - Proceedings of SPIE, 9032, статья № 90320J DOI: 10.1117/12.2044609 5. Bezuglyi, M.A., Pavlovets, N.V.		

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ПБФ	Приладів і систем неруйнівного контролю	Протасов Анатолій Георгійович	13	1.Kuts, Y., Protasov, A., Lysenko, I., Dugin, O., Bliznuk, O., Uchanin, V. Using multidifferential transducer for pulsed eddy current object inspection (2017) 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 - Proceedings, статья № 8100361, pp. 826-829 DOI: 10.1109/UKRCON.2017.8100361 ТИП ДОКУМЕНТА: Conference Paper 2. Protasov, A. Reconstruction of the thermal field image from measurements in separate points (2017) MRRS 2017 - 2017 IEEE Microwaves, Radar and Remote Sensing Symposium, Proceedings, статья № 8075035, pp. 89-92 DOI: 10.1109/MRRS.2017.8075035 3.Bazhenov, V., Protasov, A., Gloinik, K. Increasing of operation speed of digital eddy current defectoscopes based on frequency synthesizer (2017) MRRS 2017 - 2017 IEEE Microwaves, Radar and Remote Sensing Symposium, Proceedings, статья № 8075051, pp. 155-158 DOI: 10.1109/MRRS.2017.8075051 4.Bohdan, H., Bazhenov, V., Protasov, A.		

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ПБФ	Кафедра приладобудування	Безвесільна Олена Миколаївна	23	1.Bezvesilna, O., Kamiński, M. Gravimeters of aviation gravimetric system: Classification, comparative analysis, prospects (2017) Advances in Intelligent Systems and Computing, 550, pp. 496-504 DOI: 10.1007/978-3-319-54042-9_48 2.Bezvesilna, O., Kamiński, M., Ilchenko, A. Heat transfer in the thermo-anemometric flowmeter for biofuels (2017) Advances in Intelligent Systems and Computing, 550, pp. 505-511 DOI: 10.1007/978-3-319-54042-9_49 3.Cherepanska, I., Bezvesilna, E., Sazonov, A. Artificial neural network as a basic element of the automated goniometric system (2017) Advances in Intelligent Systems and Computing, 543, pp. 43-51 DOI: 10.1007/978-3-319-48923-0_6 4.Korobiichuk, I., Bezvesilna, O., Ilchenko, A., Trostenyuk, Y.		

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ПБФ	Приладоб удування	Гераїмчук Михайло Демьянович	8	Shevchuk, B., Geraimchuk, M., Ivakhiv, O., Brayko, Y. Remote monitoring of the person physiological state (2017) Proceedings of the 2017 IEEE 9th International Conference on Intelligent Data Acquisition and Advanced Computing Systems: Technology and Applications, IDAACS 2017, 2, статья № 8095182, pp. 707-711. DOI: 10.1109/IDAACS.2017.8095182 Avrutov, V.V., Geraimchuk, M.D., Xiangming, X. 3D-Calibration for IMU of the Strapdown Inertial Navigation Systems (2017) MATEC Web of Conferences, 114, статья № 01013 DOI: 10.1051/matecconf/201711401013 Shevchuk, B., Ivakhiv, O., Geraimchuk, M., Brayko, Y.		

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ПБФ	Кафедра приладів і систем орієнтації та навігації	Аврутов Вадим Вікторович	23	1.Aksonenko, P.M., Avrutov, V.V., Lazarev, Y.F., Henaff, P., Ciarletta, L. Expanded algorithm for inertial navigation (2019) Advances in Intelligent Systems and Computing, 857, pp. 789-800. 2. Avrutov, V.V.		

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ПБФ	Кафедра приладів і систем орієнтації та навігації	Бурау Надія Іванівна	20	1. Bouraou, N. Ignatovich, S. The evaluation of the crack-like damage parameter of blades at the vibroacoustical diagnosis of the gas-turbine engines/ Vibration in Physical Systems (2012), Vol. 25, P. 83-88. 2. Ignatovich, S.R. Bouraou, N.I. The reliability of detecting cracks during nondestructive testing of aircraft components / Russian Journal of Nondestructive Tes-ting (2013), No. 49(5), P. 294-300 . 3. Bouraou, N. Tsybulnik, S.		

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ПБФ	Кафедра наукових, аналітичних та екологічних приладів і систем	Маслов Володимир Петрович		1.Morozhenko, V., Maslov, V., Kachur, N. Manifestation of the Faraday effect in non-polarized light under optical resonance conditions (2018) Optics Communications, 426, pp. 423-426. 2.Dorozinska, H.V., Dorozinsky, G.V., Maslov, V.P. Promising method for determining the concentration of nano-sized diamond powders in water suspensions		

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ПБФ	Кафедра наукових, аналітичних та екологічних приладів і систем	Таранов Віктор Васильович	9	1.Goncharuk, V.V., Kurliantseva, A.Y., Taranov, V.V., Nifantova, L.S. Quality and quantitative assessment of the impact of magnetic field and ultra sound on water with different concentration of deuterium (2016) Journal of Water Chemistry and Technology, 38 (3), pp. 143-148. 2.Goncharuk, V.V., Taranov, V.V., Kurlyantseva, A.Y., Syroeshkin, A.V. Phase transition in waters with different content of deuterium (2015) Journal of Water Chemistry and Technology, 37 (5), pp. 219-223. DOI: 10.3103/S1063455X15050021		

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РТФ	Кафедра теоретичних основ радіотехніки	Пільтяй Степан Іванович	11	1. Piltyay, S.I. High performance extended C-band 3.4-4.8 GHz dual circular polarization feed system (2017) 2017 11th International Conference on Antenna Theory and Techniques, ICATT 2017, статья № 7972644, pp. 284-287. 2. Dubrovka, F.F., Piltyay, S.I. Novel high performance coherent dual-wideband orthomode transducer for coaxial horn feeds	4	High performance extended C-band 3.4-4.8 GHz dual circular polarization feed system (11th International Conference on Antenna Theory and Techniques, ICATT 2017, pp. 284-287)

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РТФ	Кафедра теоретичних основ	Сушко Олександр Юрійович	28	1.Lowpass FSS for 50-230 GHz Quasi-Optical Demultiplexing for the MetOp Second Generation Microwave Sounder Instrument, IEEE Transactions	20	Lowpass FSS for 50-230 GHz Quasi-Optical Demultiplexing for the

	радіотехніки			on Antennas and Propagation, Vol. 65, No. 10, pp. 5312-5321, October 2017 2.From simulations to measurements: prototyping an antenna for non-linear applications at sub-THz frequencies, IET Microwaves, Antennas and Propagation, Vol. 11 Issue 3, pp. 304-309, April 2017 3.Comparative Study of Sub-THz FSS Filters Fabricated by Inkjet Printing, Microprecision Material Printing, and Photolithography, IEEE Transactions on Terahertz Science and Technology, Vol. 7, No. 2, pp. 184-190, March 2017 4.Investigation of frequency-tripling performance of Schottky diode based multennas to 0.3 THz, 41th International Conference on Infrared, Millimeter, and Terahertz Waves (IRMMW-THz) 2016, Copenhagen, Denmark, pp. 1-2 Higher harmonic generation: Coupling two radiating elements at two different frequencies, Loughborough Antennas & Propagation Conference (LAPC) 2016, Loughborough, UK, pp. 1-3 5.Qui, J., Zeng, Y., Pickersgill, R., Donnan, R., Sushko, O., Yang, B. Introducing quasi-optical terahertz circular dichroism spectroscopy (2017) 2017 11th International Conference on Antenna Theory and Techniques, ICATT 2017, статья № 7972579, pp. 26-29. DOI: 10.1109/ICATT.2017.7972579		MetOp Second Generation Microwave Sounder Instrument, IEEE Transactions on Antennas and Propagation, Vol. 65, No. 10, pp. 5312-5321, October 2017 From simulations to measurements: prototyping an antenna for non-linear applications at sub-THz frequencies, IET Microwaves, Antennas and Propagation, Vol. 11 Issue 3, pp. 304-309, April 2017 Comparative Study of Sub-THz FSS Filters Fabricated by Inkjet Printing, Microprecision Material Printing, and Photolithography, IEEE Transactions on Terahertz Science and Technology, Vol. 7, No. 2, pp. 184-190, March 2017 Investigation of frequency-tripling performance of Schottky diode based

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РТФ	Кафедра теоретичних основ радіотехніки	Мартинюк Сергій Євстафійович	23	Dubrovka, F.F., Martyniuk, S.Y., Vasylenko, D.O., Postulga, O.S. Ultrawideband tapered slot, waveguide and dipole antenna arrays (2017) 2017 11th International Conference on Antenna Theory and Techniques, ICATT 2017, статья № 7972578, pp. 20-25 Martynyuk, S.Y., Vasylenko, D.O., Dubrovka, F.F., Laush, A.G. Novel microstrip antenna array for anti-jam satellite navigation system (2015) Radioelectronics and Communications Systems, 58 (3), pp. 97-106. Vasylenko, D.O., Martynyuk, S.Y. Particle swarm optimization of the tapered slot antenna for wideband scanning E-plane linear array (2015) Radioelectronics and Communications Systems, 58 (1), pp. 11-16. Martynyuk, S.Y., Vasylenko, D.O., Dubrovka, F.F., Laush, A.G. A novel dual band microstrip antenna array for receiving of satellite navigational signals GPS/GLONASS/GALILEO (2015) 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings, статья № 7136781, Dubrovka, R.F., Martynyuk, S.E., Belov, P.A.		

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РТФ	Кафедра теоретичних основ радіотехніки	Дубровка Федір Федорович	89	1. Dubrovka, F.F., Piltyay, S.I. Novel high performance coherent dual-wideband orthomode transducer for coaxial horn feeds (2017) 2017 11th International Conference on Antenna Theory and Techniques, ICATT 2017, статья № 7972642, pp. 277-280. DOI: 10.1109/ICATT.2017.7972642 2. Dubrovka, F.F., Vydalko, O.E., Gouz, V.I. Radiation, scanning and matching characteristics of the new design of phased antenna array of printed 1.bow-Tie dipoles(2017) 2017 11th International Conference on Antenna Theory and Techniques, ICATT 2017, статья № 7972607, pp. 151-154. DOI: 10.1109/ICATT.2017.7972607 3. Dubrovka, F.F., Martyniuk, S.Y., Vasylenko, D.O., Postulga, O.S. Ultrawideband tapered slot, waveguide and dipole antenna arrays (2017) 2017 11th International Conference on Antenna Theory and Techniques, ICATT 2017, статья № 7972578, pp. 20-25. DOI: 10.1109/ICATT.2017.7972578 4. Vydalko, O.E., Dubrovka, F.F. Matching and radiation characteristics of a phased array based on quasi-Yagi planar antennas with an additional screen (2015) Radioelectronics and Communications Systems, 58 (4), pp. 157-165. DOI: 10.3103/S0735272715040032	30	Electrodynamics boundary problem solution for sectoral coaxial ridged waveguides by integral equation technique, F.F. Dubrovka, S.I. Piltyay Radioelectronics and Communications Systems 55 (5), 191-203. Synthesis of UWB planar antennas by means of natural optimization algorithms F.F. Dubrovka, D.O. Vasylenko Radioelectronics and Communications Systems 52 (4), 167-178 Contour optimization of a planar broadband dipole using genetic algorithms F.F. Dubrovka, D.O.

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РТФ	Кафедра теоретичних основ радіотехніки	Найденко Віктор Іванович	21	1. Naidenko, V.I. Active and reactive energy of electromagnetic waves (2017) 2017 11th International Conference on Antenna Theory and Techniques, ICATT 2017, статья № 7972603, pp. 135-139. DOI: 10.1109/ICATT.2017.7972603		

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РТФ	Кафедра радіотехнічних пристроїв та систем	Жук Сергій Якович	45	1.Adaptive filtration of radio source movement parameters with complex use of sensor network data based on TDOA and RSS methods 2017 Radioelectronics and Communications Systems 60(12), с. 528-537 2..Adaptive filtration of parameters of the UAV movement on data from its location calculated on the basis the time difference of arrival method 2017 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 - Proceedings 100466, с. 160-165	39	Adaptive filtration of parameters of the movement UAV according to sensor networks based on measurements of the received signal strength Author(s): Tovkach, I. O.; Zhuk, S. Y. Visnyk Ntuu Kpi Seriia-Radiotekhnika

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РТФ	Кафедра радіоконструювання та виробництва	Яненко Олексій Пилипович	57	1. Pidchenko, S., Taranchuk, A., Yanenko, A. The efficiency of combining the stabilization and measurement functions of a quartz multi-frequency oscillation system (2017) 2nd International Conference on Information and Telecommunication Technologies and Radio Electronics, UkrMiCo	24	DEVICE FOR LIGHT THERAPY BASED ON SOURCES WITH A FREQUENCY MODULATION OF HUMAN

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РТФ	Кафедра радіоконструювання та виробництва радіоапаратури	Назарько Анатолій Іванович	11	1. Bidenko, P.S., Nelin, E.A., Nazarko, A.I., Adamenko, Y.F. Quasi-lumped reactive elements based on crystal-like discontinuities (2015) Radioelectronics and Communications Systems, 58 (11), pp. 515-521. 2. Bidenko, P., Nelin, E., Nazarko, A., Popsui, V. Quasi-lumped crystal-like reactive elements	10	Quasi-Lumped Crystal-Like Reactive Elements By: Bidenko, Pavlo; Nelin, Evgeniy; Nazarko, Anatolii; et al. Conference: 13th International Conference on Experience of

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РТФ	Кафедра радіоконструювання та виробництва радіоапаратури	Зінгер Яна Леонідівна	2	Three-and one-dimensional modeling of microstrip lowpass filters Zinher, Y., Adamenko, Y., Adamenko, V., Nelin, E. 2017 2nd International Conference on Information and Telecommunication Technologies and Radio Electronics, UkrMiCo 2017 - Proceedings 809538 Microwave filter based on crystal-like reactive elements Nelin, E., Zinher, Y. 2016 IEEE International Scientific Conference "Radio Electronics and Info Communications", UkrMiCo 2016 - Conference Proceedings 7739595	6	Results comparison of microwave lowpass filters three- and one-dimensional modeling By: Zinher, Y. L.; Adamenko, Y. F.; Adamenko, V. O.; et al. VISNYK NTUU KPI SERIIA-RADIOTEKHNIKA RADIOAPARATOBUDUVANNIA Issue: 70 Pages: 56-61 Published: 2017 Combined Electromagnetocrystalline Inhomogeneities By: Nelin, E. A.; Zinher, Ya. L.; Popsui,

						V., I VISNYK NTUU KPI SERIIA-RADIOTEKHNIKA RADIOAPARATOBUDUVANNIA Issue: 71 Pages: 46-51 Published: 2017 The delta-models of reactive elements and low-pass filters By: Nelin, E. A.; Shulha, A., V; Zinher, Ya. L. VISNYK NTUU KPI SERIIA-RADIOTEKHNIKA RADIOAPARATOBUDUVANNIA Issue: 69 Pages: 72-77 Published: 2017 Title: Three- and One-Dimensional Modeling of Microstrip Lowpass Filters Author(s): Zinher, Yana; Adamenko, Yuliia; Adamenko, Volodymyr; et al. Source: 2017 SECOND INTERNATIONAL CONFERENCE ON INFORMATION AND

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ТЕФ	Кафедра атомних електричних станцій і	Ніколаєнко Юрій Єгорович	13	1. Melnyk, R.S., Nikolaenko, Y.E.,Alekseik, Y.S., Kravets, V.Y. Heat transfer limitations of heat pipes for a cooling systems of electronic components. 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON	5	1. Melnyk, R.S., Nikolaenko, Y.E.,Alekseik, Y.S., Kravets, V.Y. Heat transfer limitations of

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ФБТ	Кафедра біотехніки та інженерії	Карачун Володимир Володимирович	30	1.Karachun, V., Mel'Nick, V. Acoustic radiation energy focus in a shell with liquid (2017) Advances in Intelligent Systems and Computing, 543, pp. 459-463 DOI: 10.1007/978-3-319-48923-0_48 2.Korobiichuk, I., Karachun, V., Mel'Nick, V., Kachniarz, M. Modelling of influence of hypersonic conditions on gyroscopic inertial navigation sensor suspension (2017) Metrology and Measurement Systems, 24 (2), pp. 357-368 DOI: 10.1515/mms-2017-0024 3.Karachun, V., Mel'nick, V., Korobiichuk, I., Nowicki, M., Szewczyk, R., Kobzar, S. The additional error of inertial sensors induced by hypersonic flight conditions	3	Korobiichuk I., Karachun V., Mel'nick V. MODELLING OF INFLUENCE OF HYPERSONIC CONDITIONS ON GYROSCOPIC INERTIAL NAVIGATION SENSOR SUSPENSION METROLOGY AND MEASUREMENT SYSTEMS Том: 24 Выпуск: 2 Стр.: 357-

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ФБТ	Екобіотехнології та біоенергетики	Голуб Наталія Борисівна	5	1. Golub, N., Shynkarchuk, M., Kozlovets, O. Obtaining biogas during fermentation of fatcontaining wastes of leather production (2017) EasternEuropean Journal of Enterprise Technologies, 6 (10-90), pp. 4-10. DOI: 10.15587/1729-4061.2017.114216 2. Golub, N., Levtun, I.		

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ФЕА	Електричних мереж та систем	Чижевський Володимир Валерійович	6	1. Butkevych, O.F., Chyzhevskyi, V.V. On-line identification of low-frequency modes of electromechanical oscillationsin power systems (2017) Technical Electrodynamics, 2017 (5), pp. 67-75. 2. Butkevych, O.F., Pylypenko, Y.V., Chyzhevskyi, V.V., Elizarov, I.O. Phasor measuring of operationalcondition parametersandidentificationof low-frequency modes of electromechanicaloscillationsin the Interconnected Power System of Ukraine	1	**Title:** Monitoring of operational parameters of inter-connected power systems,Monitorowanie parametrówoperacyjnychsystemówelektroenergetycznych **Author(s):** Kyrylenko, O.; Butkevych, O.; Chyzhevskyi, V.

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ФЕА	Кафедра відновлюваних джерел енергії	Гаєвський О. Ю.	21	1.Gaevskii, A.Y., Golentus, I.E. Grazing-incidence X-ray diffraction from a crystal with subsurface defects (2015) Crystallography Reports, 60 (2), pp. 189-197. DOI: 10.1134/S1063774515010095 2.Golentus, I.E., Gaevskii, A.Y. Grazing diffraction of X-ray radiation in a planar single-crystal waveguide (2014) Journal of Surface Investigation, 8 (3), pp. 462-469. DOI: 10.1134/S1027451014010273 3.Golentus, I.E., Gaevskii, A.Y. X-ray focusing within a single-crystal waveguide under grazing-incidence diffraction conditions (2014) Journal of Surface Investigation, 8 (4), pp. 651-658. DOI: 10.1134/S1027451014040065 4.Gaevskii, O.Y., Golentus, I.E., Molodkin, V.B.		

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ФЕА	Кафедра відновлюваних джерел енергії	Вишневська Ю. П.	11	1.Ledovs'kykh, V.M., Vyshnevs'ka, Y.P., Brazhnyk, I.V., Levchenko, S.V. Development and Optimization of Synergistic Compositions for the Corrosion Protection of Steel in Neutral and Acid Media (2017) Materials Science, pp. 1-9. DOI: 10.1007/s11003-017-0002-1 2.Vyshnevska, Y.P., Brazhnyk, I.V. The electrochromic feedback methods for obtaining nanoparticles, nanoalloys and core-shell objects in quasi-reversible redox systems (2017) Springer Proceedings in Physics, 195, pp. 837-843 DOI: 10.1007/978-3-319-56422-7_64 3.Ledovs'kykh, V.M., Vyshnevs'ka, Y.P., Brazhnyk, I.V., Levchenko, S.V. Development and optimization of synergistic compositions for the corrosion protection of steel in neutral and acid media (2017) Materials Science, 52 (5), pp. 634-642. DOI: 10.1007/s11003-017-0002-1 4.Ledovskykh, V., Vyshnevska, Y., Brazhnyk, I., Levchenko, S.		

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ФЕА	Електромеханіки	Васьковський Ю.М.	20	1.Vaskovskyi, J.M., Haydenko, J.A. Research of electromagnetic processes in permanent magnet synchronous motors based on a "electric circuit - magnetic field" mathematical model (2018) Technical Electrodynamics, 2018 (2), pp. 47-54. 2.Vaskovskyi, Y.M., Melnyk, A.M. The electromagnetic vibration disturbing forces in turbogenerator with a glance of current asymmetry of statorwinding (2017) Technical Electrodynamics, 2017 (1), pp. 52-57 3. Vaskovskyi, Y., Tytko, O.I., Makeykin, I.S., Kravchuk, V.A. Diagnosis of induction motors basedon analysisof starting electromagnetic torque (2017) Technical Electrodynamics, 2017 (3), pp. 58-64 4.Vaskovskyi, Y.M., Tsivinskiy, S.S. Three dimensionalmathematicalmodel of electromagneticprocesses in the end zone of the turbogenerator rotor (2016) Technical Electrodynamics, 2016 (1), pp. 34-39. 5.Vaskovskyi, J.M., Melnyk, A.M. The electromagneticvibration disturbing forces of turbogenerator in maneuverableoperating	1	1.ELECTRO-MAGNETIC VIBRATION DISTURBING FORCES AT THE ECCENTRICITY OF ROTOR OF TURBOGENERATOR. ELECTRICAL ENGINEERING & ELECTRO-MECHANICS Выпуск: 4 Стр.: 16-21 Опубликовано: 2016

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ФЕА	Автоматизації електромеханічних систем та електроприводу	Пересада Сергій Михайлович	75	1. Peresada, S.M., Mykhalskyi, V.M., Zaichenko, Y.M., Kovbasa, S.M. Selective and adaptive harmonics estimation for three-phase shunt active power filters (2018) Technical Electrodynamics, 2018 (2), pp. 29-38. 2. Peresada, S., Kovbasa, S., Pushnitsyn, D., Zaichenko, Y. Two nonlinear controllers for voltage source AC-DC converter (2017) 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 - Proceedings, статья № 8100532, pp. 462-467 DOI: 10.1109/UKRCON.2017.8100532 3. Peresada, S., Kovbasa, S., Zhelinskyi, M., Duchenko, A. Speed sensorless direct field oriented control of induction generator (2017) 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 - Proceedings, статья № 8100304, pp. 548-553. DOI: 10.1109/UKRCON.2017.8100304 4. Bozhko, S., Peresada, S., Kovbasa, S., Zhelinskyi, M. Robust indirect field oriented control of induction generator (2017) 2016 International Conference on Electrical Systems for Aircraft, Railway, Ship Propulsion and Road Vehicles and International Transportation Electrification Conference, ESARS-ITEC 2016, статья № 7841421 DOI: 10.1109/ESARS-ITEC.2016.7841421		

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ФЕА	Автоматизації електромеханічних систем та електроприводу	Ковбаса Сергій Миколайович	27	1.Peresada, S.M., Mykhalskyi, V.M., Zaichenko, Y.M., Kovbasa, S.M. Selective and adaptive harmonics estimation for three-phase shunt active power filters (2018) Technical Electrodynamics, 2018 (2), pp. 29-38 2.Peresada, S., Kovbasa, S., Nikonenko, Y., Bozhko, S. Concept of experimental research for electrical vehicle electromechanical systems with hybrid energy storages (2018) Technical Electrodynamics, 2018 (5), pp. 57-60. 3.Peresada, S., Kovbasa, S., Zaichenko, Y., Reshetnyk, V. Selective compensation of Three-phase current harmonics (2018) Technical Electrodynamics, 2018 (4), pp. 102-105. 4.Peresada, S., Kovbasa, S., Korol, S., Zhelinskyi, N. Feedback linearizing field-oriented control of induction generator: Theory andexperiments (2017) Technical Electrodynamics, 2017 (2), pp. 48-56 5.Peresada, S., Kovbasa, S.		

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ФЕА	Автоматизації електромеханічних систем та електроприводу	Толочко Ольга Іванівна	14	Tolochko, O., Rozkariaka, P. Asymmetric Reference Trajectories for Energy Efficiency Position Electric Drives (2018) 2018 10th International Conference on Electrical Power Drive Systems, ICEPDS 2018 - Conference Proceedings, статья № 8571602, . Tolochko, O.I., Ryzhkov, A.M. Synthesis and analysis of modal control system for crane mechanism motion taking into account the work of lifting mechanism (2018) Technical Electrodynamics, 2018 (4), pp. 131-134. Tolochko, O.I., Bovkunovych, V.S., Burmelov, O.O. Current and voltage stator limitation in three-zone speed control system of motor with permanent magnets using optimal control strategies (2018) Technical Electrodynamics, 2018 (5), pp. 61-64. Pugach, G., Melnyk, A., Tolochko, O., Pitti, A., Gaussier, P. Touch-based admittance control of a robotic arm using neural learning of an artificial skin (2016) IEEE International Conference on Intelligent Robots and Systems, 2016-November, статья № 7759519, pp. 3374-3380.		

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ФЕА	Автоматизації електромеханічних систем та електроприводу	Печеник Микола Валентинович	10	1. Pushkar, M., Krasnoshapka, N., Pechenik, M., Bovkunovych, V. Method of approximation the magnetizing inductance curves of self-excited induction generators (2017) 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 - Proceedings, статья № 8100518, pp. 395-398. DOI: 10.1109/UKRCON.2017.8100518 2. Peresada, S., Kovbasa, S., Korol, S., Pechenik, N., Zhelinskyi, N. Indirect field oriented output feedback linearized control of induction generator (2016) 2016 2nd International Conference on Intelligent Energy and Power Systems, IEPS 2016 - Conference Proceedings, статья № 7521881 DOI: 10.1109/IEPS.2016.7521881 3. Pechenik, N.V., Burjan, S.A., Naumchuk, L.N. Investigation of energy losses in electromechanical systems multiengine belt conveyors (2016) Technical Electrodynamics, 2016 (3), pp. 82-84. 4. Kiselychnyk, O., Peresada, S., Pechenik, M., Pushkar, M. The processes of self-excitation in stand-alone compound excited induction generators		

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ФЕА	Автоматизації електромеханічних систем та електроприводу	Димко Сергій Сергійович	7	1. Hu, Z., Legeza, V., Dychka, I., Legeza, D. Mathematical model of the damping process in a one system with a Ball Vibration Absorber (2018) International Journal of Intelligent Systems and Applications, 10 (1), pp. 24-33. 2. Hu, Z., Dychka, I., Sulema, Y., Radchenko, Y. Graphical data steganographic protection method based on bits correspondence scheme (2017) International Journal of Intelligent Systems and Applications, 9 (8), pp. 34-40. 3. Hu, Z., Legeza, V.P., Dychka, I.A., Legeza, D.V. Mathematical modeling of the process of vibration protection in a system with two-mass damper pendulum (2017) International Journal of Intelligent Systems and Applications, 9 (3), pp. 18-25. 4. Hu, Z., Dychka, I.A., Mykola, O., Andrii, B. The analysis and investigation of multiplicative inverse searching methods in the ring of integers modulo m (2016) International Journal of Intelligent Systems and Applications, 8 (11), pp. 9-18. 5. Dychka, I.A., Novosad, M.V., Grybok, T.Yu. Data conversion in creation and processing of multicolored graphic codes		

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ФЕА	Кафедра теоретичної електротехніки	Шостак Володимир Олександрович	31	1.Barannyk, I., Shostak, V., Tsybann, S. Lightning accidents at the bus stop shelters (2017) 2010 30th International Conference on Lightning Protection, ICLP 2010, статья № 7845883 DOI: 10.1109/ICLP.2010.7845883 2.Shostak, V., Petrenko, T., Janischewskyj, W., Rachidi, F. Electric field within lightning protection volume in presence of a downward leader: Simulation results (2017) 2010 30th International Conference on Lightning Protection, ICLP 2010, статья № 7845943 DOI: 10.1109/ICLP.2010.7845943 3.Shostak, V., Bondar, O. Influence of ring bonding at the ground level upon current distribution between down-conductors (2016) 2016 33rd International Conference on Lightning Protection, ICLP 2016, статья № 7791442 DOI: 10.1109/ICLP.2016.7791442 4.Shostak, V., Sypchenko, M., Smatloch, T. Electrodynamic forces affecting lightning protection system components and structures (2016) 2016 33rd International Conference on Lightning Protection, ICLP 2016, статья № 7791443 DOI: 10.1109/ICLP.2016.7791443 5.Bondar, O., Shostak, V., Smatloch, T. Lightning current distribution in the components of cladding structure	26	V. Shostak, O. Bondar. Influence of Ring Bonding at the Ground Level upon Current Distribution Between Down Conductors // Proc. 33rd Int. Conf. On Lightning Protection, ICLP-2016, Portugal, 2016, ID257 (p. 257.1-5). V. Shostak, M. Sypchenko, T. Smatloch. Electrodynamic Forces Affecting Lightning Protection System Components and Structures// Proc.33rd Int. Conf. on Lightning Protection, ICLP-2016, Portugal, 2016, ID259 (p. 259.1-6). O. Bondar, V. Shostak, T. Smatloch. Lightning Current Distributionin the Componentsof Cladding Structure // Proc. 33rd Int. Conf. on

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ФЕА	Кафедра теоретичної	Бойко В.С.	6	1. Head pulsations in a centrifugal pump/IOP Conference Series: Materials Science and Engineering, 233(1), 2017, 0120582.		

	електро-техніки			2. Energy efficiency of the electric motor as a criterion for electromechanical aggregates working range selection/ Naukovyi Visnyk Natsionalnoho Hirnychoho Universytetu (6), 2014, c. 78-84 3. Electromagnetic processes in the electric model of cenrtifugal pump/ Naukovyi Visnyk Natsionalnoho Hirnychoho Universytetu (3), 2014, c. 91-98 4. Modeling of centrifugal pumps operating modes/ Applied Mechanics and Materials 630, 2014, c. 21-28 5. Adequacy of electrical simulation workflows in a centrifugal pump/ Technical Electrodynamics (5), 2013, c. 90-95 6. Improving energy efficiency electrohydraulic system/ Technical Electrodynamics (2), 2013, c. 85-90		
ФЕА	Кафедра теоретичної електро-техніки	Маков Д.К.	7	1. Makov, D.K., Antonjuk, A.I., Polishchuk, O.V. Improving of measuring accuracy of voltage unbalance for electrical condition monitoring (2017) WCCM 2017 - 1st World Congress on Condition Monitoring 2017, . 2. Makov, D.K., Shcherba, A.A., Antoniuk, O.I. The formation of a three-phase voltage system using digital-to-analog converters (2016) 2016 2nd International Conference on Intelligent Energy and Power Systems, IEPS 2016 - Conference Proceedings, статья № 7521854, . 3. Makov, D.K., Polishchuk, O.V. Measurement of nonsinusoidal factorfor single-phase voltageusing of symmetric components filters		

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ФЕА	Кафедра теоретичної електро-техніки	Михайленко В.В.	7	1. Suprunovska, N.I., Mykhailenko, V.V., Peretyatko, Y.V. Limitation of aperiodic transient duration in capacitors circuits of two-channel electrical discharge installations (2018) Technical Electrodynamics, 2018 (4), pp. 25-28. 2. Mathematical model of the semiconductor converter with twelve-zone regulation of output voltage/2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 - Proceedings 8100511, с. 365-368 3. Control of parameters of bipolar pulse currents in the loadof semiconductor electric discharge installations with reservoir capacitor/ Technical Electrodynamics 2017(5), с. 39-46		

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ФЕА	Кафедра теоретичної електро-техніки	Щерба М.А.	19	1. Coupled electromagnetic and thermal processes in thermal insulation of induction channel furnaces during changes of its defects configuration/ Technical Electrodynamics 2018(2), c. 17-24 2. Electric field during transient process of configuration changing of watermicro-inclusions in liquid dielectrics/Technical Electrodynamics 2018(1), c. 23-29 3. Transient analysis in circuits of electric discharge installations with voltage feedback taking into account the recovery time of locking properties their semiconductor switches/ Technical Electrodynamics 2018(3), c. 43-47 4. Three-dimensional modeling of electromagnetic and thermal processes of induction melting of		

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ФЕЛ	Кафедра мікроелектроніки	Борисов Олександр Васильович	8	1. Poplavko, Y.M., Borisov, A.V. Impact of magnetic and electrical ordering on resistivity: New incite (2017) 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 - Proceedings, статья № 8100317, pp. 617-622. 2. Korolevych, L., Borisov, A., Shevliakova, H. Relationship between electron work function and crystal lattice constant (2017) 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 - Proceedings, статья № 8100327, pp. 623-627. 3. Poplavko, Y.M., Borisov, A.V. Polarization influence on conductivity (2017) 2017 IEEE 37th International Conference on Electronics and Nanotechnology, ELNANO 2017 - Proceedings, статья № 7939710, pp. 21-26. 4. Tatarchuk, D.D., Poplavko, Y.M., Kazmirenko, V., Borisov, O.V., Didenko, Y.V. Composites based on dielectric materials for microwave engineering (2016) Radioelectronics and Communications Systems, 59 (2), pp. 74-82.	5	див.профіль

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ФЕЛ	Кафедра мікроелектроніки	Бовтун Віктор Петрович	121	1.Savinov, M., Bovtun, V., Tereshina-Chitrova, E., Stupakov, A., Dejneka, A., Tyunina, M. Dielectric relaxation in epitaxial films of paraelectric-magnetic SrTiO<inf>3</inf>-SrMnO<inf>3</inf>solid solution (2018) Applied Physics Letters, 112 (5), статья № 052901, DOI: 10.1063/1.5017667 2.Buixaderas, E., Kadlec, C., Kempa, M., Bovtun, V., Savinov, M., Bednyakov, P., Hlinka, J., Dec, J. Fast polarization mechanisms in the uniaxial tungsten-bronze relaxor strontium barium niobate SBN-81 (2017) Scientific Reports, 7 (1), статья № 18034, DOI: 10.1038/s41598-017-18252-7 3.Nuzhnyy, D., Petzelt, J., Bovtun, V., Kempa, M., Kamba, S., Hlinka, J., Hehlen, B. Infrared, terahertz, and microwave spectroscopy of the soft and central modes in Pb(M g1/3 N b2/3) O3 (2017) Physical Review B, 96 (17), статья № 174113 DOI: 10.1103/PhysRevB.96.174113 4.Kamba, S., Nuzhnyy, D., Savinov, M., Tolédano, P., Laguta, V., Brázda, P., Palatinus, L., Kadlec, F., Borodavka, F., Kadlec, C., Bednyakov, P., Bovtun, V., Kempa, M., Kriegner, D., Drahokoupil, J.,	26	див.профіль

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ФЕЛ	Кафедра мікроелектроніки	Вербицький Володимир Григорович	7	1.Kosulya, A.V., Verbitskii, V.G. The energy spectrum of a microchannel multiplier with two microchannel plates in the chevron assembly (2017) Technical Physics Letters, 43 (11), pp. 1047-1050 DOI: 10.1134/S1063785017110232 2.Kosulya, A.V., Verbitskii, V.G. Designing a chevron unit for a microelectronic position-sensitive detector with two microchannel plates (2017) Technical Physics Letters, 43 (9), pp. 839-841 DOI: 10.1134/S106378501709019X 3.Borisova, A., Babych, B., Machulyansky, A., Verbitsky, V., Yakimenko, Y. Dimensional dependencies of optical parameters of nanodimensional metal particles (2016) 2016 IEEE 36th International Conference on Electronics and Nanotechnology, ELNANO 2016 - Conference Proceedings, статья № 7493032, pp. 140-143. DOI: 10.1109/ELNANO.2016.7493032		

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ФЕЛ	Кафедра мікроелектроніки	Діденко Юрій Вікторович	19	1.Pashchenko, A.V., Liedienov, N.A., Pashchenko, V.P., Prokopenko, V.K., Burhovetskii, V.V., Voznyak, A.V., Fesych, I.V., Tatarchuk, D.D., Didenko, Y.V., Gudymenko, A.I., Kladko, V.P., Amirov, A.A., Levchenko, G.G. Modification of multifunctional properties of the magnetoresistive La0.6Sr0.15Bi0.15Mn1.1-xBxO3- δ ceramics when replacing manganese with 3d-ions of Cr, Fe, Co, Ni (2018) Journal of Alloys and Compounds, 767, pp. 1117-1125. 2. Liedienov, N.A., Pashchenko, A.V., Pashchenko, V.P., Prokopenko, V.K., Tatarchuk, D.D., Revenko, Y.F., Turchenko, V.A., Burchovetskii, V.V., Sycheva, V.Y., Sil'cheva, A.G., Didenko, Y.V., Levchenko, G.G. Influence of the K+ ions and the superstoichiometric manganese on structure	10	див.профіль

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ФЕЛ	Кафедра мікроелектроніки	Іващук Анатолій Васильович	11	1. Koval, V., Ivashchuk, A., Yakymenko, Y., Dusheyko, M., Fadieiev, M., Matkivskyi, V. Ultra-Thin silicon substrates for nanostructured solar cells		

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ФЕЛ	Кафедра мікроелектроніки	Коваль Вікторія Михайлівна	9	1. Kotov, D., Koval, V., Duong, D.T.T., Cho, S.-H. Silica core-shell formation of nanophosphors (2017) 2017 IEEE 37th International Conference on Electronics and Nanotechnology, ELNANO 2017 - Proceedings, статья № 7939752, pp. 213-216. DOI: 10.1109/ELNANO.2017.7939752 2. Koval, V., Ivashchuk, A., Yakymenko, Y., Dusheyko, M., Fadieiev, M., Matkivskyi, V. Ultra-Thin silicon substrates for nanostructured solar cells (2017) 2017 IEEE 37th International Conference on Electronics and Nanotechnology, ELNANO 2017 - Proceedings, статья № 7939753, pp. 217-220. DOI: 10.1109/ELNANO.2017.7939753 3. Koval, V.M., Ivashchuk, A.V., Yakymenko, Y., Dusheyko, M.G., Yasievich, Y.V., Khrypunov, G.S., Sokol, Y.I. Application of nanostructured silver film in multilayer contact system of Ti/Mo/Ag silicon photoconverters (2016) Radioelectronics and Communications Systems, 59 (2), pp. 53-59. DOI: 10.3103/S0735272716020011 4. Koval, V., Ivashchuk, A., Yakymenko, Yu., Dusheyko, M., Yasievich, Yu., Getman, A., Mahinko, A. Nanostructured multilayer contact system Ti/Mo/Ag for silicon solar cells		

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ФЕЛ	Кафедра мікроелектроніки	Мачулянський Олександр Вікторович	16	1. Dimensional dependencies of optical parameters of nanodimensional metal particles / Borisova, A., Babych, B., Machulyansky, A., Verbitsky, V., Yakimenko, Y. // (2016) 2016 IEEE 36th International Conference on Electronics and Nanotechnology, ELNANO 2016 - Conference Proceedings, статья № 7493032, pp. 140-143. 2.Energy-efficient optically transparent coating based on a metal-dielectric composites / Borisova, A., Babych, B., Verbitskiy, V., Machulyansky, A., Rodionov, M., Yakimenko, Y. // (2015) 2015 IEEE 35th International Conference on Electronics and Nanotechnology, ELNANO 2015 - Conference Proceedings, статья № 7146842, pp. 93-96. 3. Conductivity of metal (Al, Cu)-dielectric composites and modeling of the single- and multi-layer composite coatings for microwave applications / Borisova, A., Bondar, B., MacHulyansky, A., Rodionov, M., Yakimenko, Y., Bovtun, V., Kempa, M. //(2014) 2014 IEEE 34th	7	див.профіль

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ФЕЛ	Кафедра мікроелектроніки	Обухова Тетяна Юріївна	6	1.Dusheiko, M., Ilchenko, V., Obukhova, T., Stepanova, M. Sensors on FET with porous silicon (2017) 2017 IEEE 37th International Conference on Electronics and Nanotechnology, ELNANO 2017 - Proceedings, статья № 7939739, pp. 162-164 DOI: 10.1109/ELNANO.2017.7939739 2.Movchan, A., Obukhova, T., Stepanova, M. H<inf>2</inf>O<inf>2</inf> and alcohol sensors on porous silicon (2016) 2016 IEEE 36th International Conference on Electronics and Nanotechnology, ELNANO 2016 -		

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ФЕЛ	Кафедра мікроелектроніки	Орлов Анатолій Тимофійович	27	1.Mikhailenko, I., Orlov, A., Serdega, B. Diagnostics of thermal stress in MEMS pressure transducer based on Tenso-e.m.f. effect (2017) 2017 IEEE 37th International Conference on Electronics and Nanotechnology, ELNANO 2017 - Proceedings, статья № 7939749, pp. 201-204. DOI: 10.1109/ELNANO.2017.7939749	26	див.профіль

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ФЕЛ	Кафедра мікроелектроніки	Поплавко ЮрійМихайлович	142	1. Tatarchuk, D.D., Poplavko, Y.M., Kazmirenko, V., Borisov, O.V., Didenko, Y.V.	21	див.профіль

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ФЕЛ	Кафедра мікроелектроніки	Татарчук Дмитро Дмитрович	29	1.Tatachuk, D.D., Didenko, Y.V., Molchanov, V.I., Franchuk, A.S., Poplavko, Y.M. Thin dielectric resonators in microwaves (2017) 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 - Proceedings, статья № 8100517, pp. 45-50. DOI: 10.1109/UKRCON.2017.8100517 2.Didenko, Y.V., Tatarchuk, D.D., Molchanov, V.I., Poplavko, Y.M. New insight on microwave dielectrics thermostability (2017) 2nd International Conference on Information and Telecommunication Technologies and Radio Electronics, UkrMiCo 2017 - Proceedings, статья № 8095360 DOI: 10.1109/UkrMiCo.2017.8095360 3.Liedienov, N.A., Pashchenko, A.V., Pashchenko, V.P., Prokopenko, V.K., Tatarchuk, D.D., Revenko, Y.F., Turchenko, V.A., Burchovetskii, V.V., Sycheva, V.Y., Sil'cheva, A.G., Didenko, Y.V., Levchenko, G.G. Influence of the K+ ions and the superstoichiometric manganese on structure defects, magneto-transport and dielectric properties of magnetoresistive La<inf>0.7</inf>Ca<inf>0.3-	14	див.профіль

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ФЕЛ	Кафедра мікроелектроніки	Ульянова Вероніка Олександрівна	13	1.Ulianova, V., Selotkin, V., Zazerin, A., Orlov, A., Yakimenko, Y., Bogdan, O. Influence of ZnO nanorods on sensitivity of SAW mass sensor (2017) 2017 IEEE 37th International Conference on Electronics and Nanotechnology, ELNANO 2017 - Proceedings, статья № 7939725, pp. 100-103 DOI: 10.1109/ELNANO.2017.7939725		

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ФЕЛ	Електронних приладів та пристроїв	Мельник Ігор Віталійович	26	1.Melnyk, I.V., Melnyk, V.G., Tugai, B.A., Tuhai, S.B. Investigation of complex control system for high voltage glow discharge electron sources (2017) 2nd International Conference on Information and Telecommunication Technologies and Radio Electronics, UkrMiCo 2017 - Proceedings, статья № 8095394 DOI: 10.1109/UkrMiCo.2017.8095394	15	

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ФЕЛ	Електронних приладів та пристроїв	Денбновецький Станіслав Володимирович	28	1.Denbnovetsky, S.V., Melnyk, I.V., Melnyk, V.G., Tugai, B.A., Tuhai, S.B. Simulation of dependences of discharge current of high voltage glow discharge electron guns from parameters of electromagnetic valve (2017) 2017 IEEE 37th International Conference on Electronics and Nanotechnology, ELNANO 2017 - Proceedings, статья № 7939781, pp. 369-373 DOI: 10.1109/ELNANO.2017.7939781 2.Denbnovetsky, S., Melnyk, I., Melnyk, V., Tugai, B., Tuhai, S., Wójcik, W., Ławicki, T., Assambay, A., Luganskaya, S. Principles of operation of high voltage glow discharge electron guns and some possibilities of their technological application (2017) Proceedings of SPIE - The International Society for Optical Engineering, 10445, статья № 104455R DOI: 10.1117/12.2280736 3.Denbnovetsky, S.V., Melnyk, I.V., Melnyk, V.G., Tugai, B.A., Tuhai, S.B. High voltage glow discharge electron guns and its advanced application examples in electronic industry (2016) 2016 IEEE International Scientific Conference "Radio Electronics and Info Communications", UkrMiCo 2016 - Conference Proceedings, статья № 7739615 DOI: 10.1109/UkrMiCo.2016.7739615 4.Denbnovetsky, S.V., Melnyk, I.V., Melnyk, V.G., Tugai, B.A., Tuhai, S.B.	1	

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ФЕЛ	Кафедра промислової електроніки	Батрак Лариса Миколаївна	12	1.Artemenko, M.Y., Batrak, L.M. The new formula for apparent power and power losses of three-phase four-wire system (2017) 2017 IEEE 37th International Conference on Electronics and Nanotechnology, ELNANO 2017 - Proceedings, art. no. 7939784, pp. 389-393. Cited 1 time. DOI: 10.1109/ELNANO.2017.7939784 2.Artemenko, M.Yu., Batrak, L.M., Polishchuk, S.Y., Mykhalskyi, V.M., Shapoval, I.A. Reactive compensation of non-active power in hybrid shunt filter of three-phase four-wire system at random load (2016) 2016 2nd International Conference on Intelligent Energy and Power Systems, IEPS 2016 - Conference Proceedings, art. no. 7521863, . DOI: 10.1109/IEPS.2016.7521863 3.Artemenko, M.Yu., Batrak, L.M., Polishchuk, S.Y., Mykhalskyi, V.M., Shapoval, I.A. The effect of load power factor on the efficiency of three-phase four-wire power system with shunt active filter (2016) 2016 IEEE 36th International Conference on Electronics and Nanotechnology, ELNANO 2016 - Conference Proceedings, art. no. 7493067, pp. 277-282. DOI: 10.1109/ELNANO.2016.7493067 4.Artemenko, M.Y., Batrak, L.M., Mykhalskyi, V.M., Polishchuk, S.Y. Analysis of possibility to increase the efficiency of three-phase four-wire power system by means of	7	

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ФЕЛ	Кафедра промислової електроніки	Бондаренко Олександр Федорович	29	1.Zhuikov, V., Verbytskyi, I., Bondarenko, O. Features of compensation of a reactive power at the transient mode (2017) Proceedings - EPNet 2016, Electric Power Networks, статья № 7999362 DOI: 10.1109/EPNET.2016.7999362 2.Sydorets, V., Dubko, A., Bondarenko, O., Kosenko, R. Influence of skin effect on current flow through electrodes of electro-surgical instruments and biological tissue (2016) Proceedings of the Biennial Baltic Electronics Conference, BEC, 2016-November, статья № 7743766, pp. 211-214 DOI: 10.1109/BEC.2016.7743766 3.Sydorets, V.M., Bondarenko, I.V., Bondarenko, O.F. Dependence of power quality on welding current regulation angle (2016) 2016 2nd International Conference on Intelligent Energy and Power Systems, IEPS 2016 - Conference Proceedings, статья № 7521891	21	

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ФЕЛ	Кафедра промислової електроніки	Вербицький Євген Володимирович	20	1. Verbytskyi, I. A double fourier series implementation for modulated signal with the arbitrary modulation (2017) 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 - Proceedings, статья № 8100295, pp. 518-521. DOI: 10.1109/UKRCON.2017.8100295 2. Verbytskyi, I., Kyselova, A., Kyselov, G. Power grid converter control improvement based on contextual data (2017) 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON	10	

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ФЕЛ	Кафедра промислової електроніки	Миколаєць Дмитро Анатолійович	6	1.Zhuikov, V.Y., Mikolaiets, D.A. The use of a geometric approach for three-phase active power line conditioner (2018) Technical Electrodynamics, 2018 (5), pp. 35-38. 2.Mikolaiets, D. The calculating algorithm of active power line conditioner with uninterruptible power supply function (2015) 2015 IEEE 35th International Conference on Electronics and Nanotechnology, ELNANO 2015 - Conference Proceedings, статья № 7146945, pp. 534-538. 3.Yamnenko, Y.S., Tereshchenko, T.O., Mykolayets, D.A. Active power line conditioner with battery charge (2015) Technical Electrodynamics, 2015 (5), pp. 16-20. 4. Mykolaets, D.A., Mykytiuk, V.I.	2	

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ФЕЛ	Кафедра промислової електроніки	Осипенко Катерина Сергіївна	7	1.Yamnenko, J., Osypenko, K., Hnatyuk, B. Modeling of the solar panel diesel-generator system stability (2017) Proceedings - EPNet 2016, Electric Power Networks, art. no. 7999371, . 2.Osypenko, K.S., Zhuikov, V.Y. Heisenberg's uncertainty principle in evaluating the level of power generated by renewable sources (2017) Technical Electrodynamics, 2017 (1), pp. 10-16. 3.Zhuikov, V., Osypenko, K. The stability of solar panel-diesel generator system (2016) 2016 2nd International Conference on Intelligent Energy and Power Systems, IEPS 2016 - Conference Proceedings, art. no. 7521844, . 4.Osypenko, K.S., Zhuikov, V.J. The transfer functions of the diesel generator in separate frequency ranges (2016) Technical Electrodynamics, 2016 (5), pp. 49-51. 5.Osypenko, K.S. The compensator current form determining during the wind generator operation on the rectified load (2014) Technical Electrodynamics, (4), pp. 90-92. 6.Yamnenko, J.S., Osypenko, K.S., Neporozhnev,	2	

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ФЕЛ	Кафедра електронної інженерії	Іванушкіна Наталія Георгіївна	13	1. Ivanushkina, N.G., Ivanko, K.O., Karplyuk, Y.S., Chesnokova, O.V., Chaikovskiy, I.A., Sofienko, S.V., Mjasnikov, G.V. Analysis of electrocardiosignals for formation of the	12	1. Simulation of Action Potential in Cardiomyocytes Ivanko, K.;

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ФЕЛ	Кафедра електронної інженерії	Москалюк Володимир Олександрович	19	1. Baida, I., Moskaliuk, V. Alloy scattering relaxation time simulation (2017) 2nd International Conference on Information and Telecommunication Technologies and Radio Electronics, UkrMiCo 2017 - Proceedings, art. no. 8095398, .	9	1. Aspects of intervalley scattering simulation in ternary alloys Baida, I.; Moskaliuk, V.; Timofeyev, V. Conference: 2016 IEEE

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ФЕЛ	Кафедра електронної інженерії	Тимофєєв Володимир Іванович	23	1. Poreva, A., Vaityshyn, V., Timofeyev, V., Honcharenko, A. Improving of lung sounds registration device for further signal processing (2017) 2017 IEEE 37th International Conference on Electronics and	12	1. Improving of Lung Sounds Registration Device for Further Signal Processing Poreva, A.; Vaityshyn,

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ФЕЛ	Кафедра електронної інженерії	Фалєєва Олена Михайлівна	10	1. Timofeyev, V.I., Semenovskaya, E.V., Falieieva, O.M. Electrothermal analysis of GaN power submicron field-effect heterotransistors (2016) Radioelectronics and Communications Systems, 59 (2), pp. 66-73. 2. Timofeyev, V., Semenovskaya, E., Faleeva, E. Thermal analysis of high-power multi-finger FET (2015) 2015 IEEE 35th International Conference on Electronics and Nanotechnology, ELNANO 2015 - Conference Proceedings, art. no. 7146882, pp. 239-241. 3. Timofeyev, V., Faleyeva, E. Relaxation processes analysis in heterotransistors with systems of quantum wells and quantum dots (2014) 2014 IEEE 34th International Scientific Conference on Electronics and Nanotechnology, ELNANO 2014 - Conference Proceedings, art. no. 6873949, pp. 115-118. 4. Timofeyev, V., Faleyeva, E., Semenovskaya, E., Andryushchenko, A., Osinsky, V., Lyahova, N., Sukhoviy, N. Simulation of influence of template size on misfit dislocation in nanostructures (2014) 2014 IEEE 34th		

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ФЕЛ	Акустики та акустоелектроніки	Дідковський Віталій Семенович	21	Prodeus, A., Didkovskyi, V., Didkovska, M., Kotvytskyi, I. On peculiarities of evaluating the quality of speech and music signals subjected to phase distortion (2017) 2017 IEEE 37th International Conference on Electronics and Nanotechnology, ELNANO 2017 - Proceedings, статья № 7939796, pp. 455-460 DOI: 10.1109/ELNANO.2017.7939796 Prodeus, A., Didkovskyi, V.S. Objective estimation of the quality of radical noise suppression algorithms (2016) Radioelectronics and Communications Systems, 59 (11), pp. 502-509 DOI: 10.3103/S0735272716110042 Didkovskyi, V.S., Naida, S.A. Building-up principles of auditory echoscope for diagnostics of human middle ear (2016) Radioelectronics and Communications Systems, 59 (1), pp. 39-46 DOI: 10.3103/S0735272716010039 Didkovskyi, V.S., Naida, S.A., Zubchenko, O.A.		

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ФЕЛ	Акустики та акустоелектроніки	Артеменко Михайло Юхимович	17	1.Artemenko, M.Y., Batrak, L.M., Polishchuk, S.Y. Active current and apparent power of three-phase power systems (2018) Technical Electrodynamics, 2018 (6), pp. 69-72. DOI: 10.15407/techned2018.06.069 2.Artemenko, M.Y., Kaplun, V.V., Bobrovnyk, V.M., Polishchuk, S.Y. Active filters application for energy losses reduction in three-phase power supply systems (2018) Technical Electrodynamics, 2018 (4), pp. 53-56. 3.Artemenko, M.Y., Mykhalskyi, V.M., Polishchuk, S.Y. Definition of apparentpower of three-phase power supply systems as a theoreticalbasis for development of energy-efficient shunt active filters (2017) Technical Electrodynamics, 2017 (2), pp. 25-34.		

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ФЕЛ	Акустики та акустоелектроніки	Лейко Олександр Григорович	13	1.Frequency properties of electrical fields of cylindrical sonar antenna with a flat baffle in the diametral plane / Gusak, Z.T., Leiko, A.G. // (2016) Radioelectronics and Communications Systems, 59 (6), pp. 262-268. 2. About frequency characteristics of electric fields of cylindrical piezoceramic antenna with screen in the form of an open ring layer / Nyzhnyk, O.I., Leiko, A.G. // (2016) Journal of Nano- and Electronic Physics, 8 (4), статья № 04012, 3. About frequency characteristics of electric fields of cylindrical piezoceramic antenna with screen in the form of an open ring layer / Gusak, Z.T., Leiko, A.G. // (2016) Journal of Nano- and Electronic Physics, 8 (1), статья № 01029,		

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ФЕЛ	Акустики та акустоелектроніки	Найда Сергій Анатолійович	6	1. Naida, S., Pavlenko, O. The ratio of standard ear tympanogram and the area of the eardrum (2017) 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 - Proceedings, статья № 8100493, pp. 284-287. DOI: 10.1109/UKRCON.2017.8100493 2. Didkovskyi, V.S., Naida, S.A. Building-up principles of auditory echoscope for diagnostics of human middle ear (2016) Radioelectronics and Communications Systems, 59 (1), pp. 39-46. DOI: 10.3103/S0735272716010039 3. Naida, S. New possibilities of the tympanoplasty after the discovery of the formula for the middle ear norm parameter (2015) Perspective Technologies and Methods in MEMS Design, MEMSTECH 2015 - Proceedings	5	R-2916-2016

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ФЕЛ	Акустики та акустоелектроніки	Продеус Аркадій Миколайович	20	1. Prodeus, A. Estimation of speech quality and intelligibility for some models of additive noise (2017) 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 - Proceedings, статья № 8100321, pp. 645-649. DOI: 10.1109/UKRCON.2017.8100321 2. Prodeus, A. Late reverberation reduction and blind reverberation time measurement for automatic speech recognition (2017) 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 - Proceedings, статья № 8100319, pp. 634-639. DOI: 10.1109/UKRCON.2017.8100319	10	1. Prodeus, Arkadiy Late Reverberation Reduction and Blind Reverberation Time Measurement for Automatic Speech Recognition. 2017 IEEE FIRST UKRAINE CONFERENCE ON ELECTRICAL AND COMPUTER ENGINEERING (UKRCON) Стр.: 634-639 . 2. Prodeus, Arkadiy

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ФІОТ	Кафедра автоматики та управління в технічних системах	Дорошенко Анатолій Юхимович	54	1.Prusov, V., Doroshenko, A. 19337345300;26662433900; Computational Techniques for Modeling Atmospheric Processes (2017) Computational Techniques for Modeling Atmospheric Processes, pp. 1-460. DOI: 10.4018/978-1-5225-2636-0 2.Doroshenko, A.Y., Ovdii, O.M., Yatsenko, O.A. 26662433900;56004922900;28667561500; Ontological and Algebra-Algorithmic Tools for Automated Design of Parallel Programs for Cloud Platforms (2017) Cybernetics and Systems Analysis, 53 (2), pp. 323-332. DOI: 10.1007/s10559-017-9932-8 3.Prusov, V.A., Doroshenko, A.Y. 19337345300;26662433900; Numerical Method to Solve the Cauchy Problem with Previous History (2017) Cybernetics and Systems Analysis, 53 (1), pp. 34-56. DOI: 10.1007/s10559-017-9905-y 4.Tulika, E., Doroshenko, A., Zhereb, K. 57190124568;26662433900;36148901900; Using choreography of actors and rewriting rules to adapt legacy fortran programs to cloud computing (2017) Communications in Computer and Information Science, 783, pp. 76-96. DOI: 10.1007/978-3-319-69965-3_5		

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ФІОТ	Кафедра автоматики та управління в технічних системах	Теленик Сергій Федорович	20	1) Telenyk, S., Zharikov, E., Rolik, O. Consolidation of virtual machines using stochastic local search (2018) Advances in Intelligent Systems and Computing, 689, pp. 523-537. Affiliations: Department of Automation and Control in Technical Systems, National Technical University of Ukraine “Igor Sikorsky Kyiv Polytechnic Institute”, Kiev, Ukraine Publisher: Springer Verlag 2) Telenyk, S., Zharikov, E., Rolik, O. Consolidation of virtual machines using simulated annealing algorithm (2017) Proceedings of the 12th International Scientific and Technical Conference on Computer Sciences and Information Technologies, CSIT 2017, 1, art. no. 8098750, pp. 117-121. Affiliations: Department of Automation and Control in Technical Systems, National Technical University of Ukraine 'Igor Sikorsky Kyiv Polytechnic Institute', Kyiv, Ukraine Publisher: Institute of Electrical and Electronics Engineers Inc. 3) Ksenzovetc, D., Telenyk, S., T., Pysarenko, A.	7	1) Title: Architecture and Conceptual Bases of Cloud IT Infrastructure Management Author(s): Telenyk, Sergii; Zharikov, Eduard; Rolik, Oleksandr Source: Advances in Intelligent Systems and Computing, Csit 2016 Volume: 512 Pages: 41-62 Published: 2017 2) Title: An Approach to Software Defined Cloud Infrastructure Management Author(s): Telenyk, Sergii; Zharikov, Eduard; Rolik, Oleksandr; et al. Source: 2016 Xith International Scientific

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ФІОТ	Кафедра автоматики та управління в технічних системах	Ролік Олександр Іванович	15	1.Telenyk, S., Zharikov, E., Rolik, O. Consolidation of virtual machines using stochastic local search (2018) Advances in Intelligent Systems and Computing, 689, pp. 523-537. DOI: 10.1007/978-3-319-70581-1_37 2. Rolik, O., Telenyk, S., Zharikov, E.		

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ФІОТ	Кафедра автоматизованих систем обробки інформації та управління	Жаріков Едуард В'ячеславович	15	1) Telenyk, S., Zharikov, E., Rolik, O. Consolidation of virtual machines using stochastic local search (2018) Advances in Intelligent Systems and Computing, 689, pp. 523-537. Affiliations: Department of Automation and Control in Technical Systems, National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute", Kiev, Ukraine Publisher: Springer Verlag 2) Telenyk, S., Zharikov, E., Rolik, O. Consolidation of virtual machines using simulated annealing algorithm (2017) Proceedings of the 12th International Scientific and Technical Conference on Computer Sciences and Information Technologies, CSIT 2017, 1, art. no. 8098750, pp. 117-121. Affiliations: Department of Automation and Control in Technical Systems, National Technical University of Ukraine 'Igor Sikorsky Kyiv Polytechnic Institute', Kyiv, Ukraine Publisher: Institute of Electrical and Electronics Engineers Inc.		

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ФІОТ	Кафедра обчислювальної техніки	Гордієнко Юрій Григорович	45	1.Kochura, Y., Stirenko, S., Alienin, O., Novotarskiy, M., Gordienko, Y. Performance analysis of open source machine learning frameworks for various parameters in single-threaded and multi-threaded modes (2018) Advances in Intelligent Systems and Computing, 689, pp. 243-256. DOI: 10.1007/978-3-319-70581-1_17 2.Gordienko, N., Gang, P., Gordienko, Y., Zeng, W., Alienin, O., Rokovyi, O., Stirenko, S. Open source dataset and machine learning techniques for automatic recognition of historical Graffiti (2018) Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 11305 LNCS, pp. 414-424. DOI: 10.1007/978-3-030-04221-9_37 3.Stirenko, S., Gang, P., Zeng, W., Gordienko, Y., Alienin, O., Rokovyi, O., Gordienko, N., Pavliuchenko, I., Rojbi, A. Parallel statistical and machine learning methods for estimation of physical load (2018) Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 11334 LNCS, pp. 483-497. DOI: 10.1007/978-3-030-05051-1_33 4.Gordienko, Y.G.		

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ФІОТ	Кафедра обчислювальної техніки	Стіренко Сергій Григорович	20	1.Kochura, Y., Stirenko, S., Alienin, O., Novotarskiy, M., Gordienko, Y. Performance analysis of open source machine learning frameworks for various parameters in single-threaded and multi-threaded modes (2018) Advances in Intelligent Systems and Computing, 689, pp. 243-256. DOI: 10.1007/978-3-319-70581-1_17 2.Gordienko, N., Gang, P., Gordienko, Y., Zeng, W., Alienin, O., Rokovyi, O., Stirenko, S. Open source dataset and machine learning techniques for automatic recognition of historical Graffiti (2018) Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 11305 LNCS, pp. 414-424. DOI: 10.1007/978-3-030-04221-9_37		

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ФІОТ	Кафедра технічної кібернетики	Чумаченко Олена Іллівна	9	1.Sineglazov, V., Chumachenko, O., Gorbatiuk, V. Forecasting aircraft miles flown time series using a deep learning-based hybrid approach (2018) Aviation, 22, pp. 6-12. DOI: 10.3846/aviation.2018.2048 2.Sineglazov, V.M., Chumachenko, O.I., Gorbatiuk, V.S. A new approach in cluster analysis (2018) 2017 IEEE 4th International Conference on Actual Problems of Unmanned Aerial Vehicles Developments, APUAVD 2017 - Proceedings, 2018-January, pp. 223-226. DOI: 10.1109/APUAVD.2017.8308815 3.Chumachenko, O., Gorbatiuk, V.		

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ФММ	Кафедра математичного моделювання економічних систем	Капустян Володимир Омельянович	36	1.Kapustyan, V.O., Pyshnograiev, I.O. Approximate optimal control for parabolic–hyperbolic equations with nonlocal boundary conditions and general quadratic quality criterion (2016) Studies in Systems, Decision and Control, 69, pp. 387-401. DOI: 10.1007/978-3-319-40673-2_21 2.Kapustyan, V.E., Pyshnograev, I.A. Problem of Optimal Control for Parabolic-Hyperbolic Equations with Nonlocal Point Boundary Conditions and Semidefinite Quality Criterion (2016) Ukrainian Mathematical Journal, 67 (8), pp. 1204-1218. DOI: 10.1007/s11253-016-1146-0 3.Kapustyan, V.O., Pyshnograiev, I.O. Distributed control with the general quadratic criterion in a special norm for systems described by parabolic–hyperbolic equations with nonlocal boundary conditions (2015) Cybernetics and Systems Analysis, 51 (3), art. no. A011, pp. 438-447. DOI: 10.1007/s10559-015-9735-8 4.Kapustyan, V.O., Pyshnograiev, I.O.		

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ФММ	Кафедра математичного моделювання економічних систем	Пишнограєв Іван Олександрович	9	Kapustyan, V.O., Pyshnograiev, I.O. Distributed control with the general quadratic criterion in a special norm for systems described by parabolic–hyperbolic equations with nonlocal boundary conditions (2015) Cybernetics and Systems Analysis, 51 (3), статья № A011, pp. 438-447. Цитирован(ы) 1 раз. Zgurovsky, M., Boldak, A., Yefremov, K., Pyshnograiev, I. Modeling and investigating the behavior of complex socio-economic systems		

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ФПМ	Кафедра прикладної математики	Лось Валерій Миколайович	10	1. Mixed Problems for the Two-Dimensional Heat-Conduction Equation in Aniso-tropic Hörmander Spaces Author(s): Los', V.M. Source: Ukrainian Math. Journal. – 2015. –67, no. 5, – P. 735–747. 2. Theorems on Isomorphisms for Some Parabolic Initial-Boundary-Value Problems in Hörmander Spaces: Limiting Case Author(s): Los', V.M. Source: Ukrainian Math. Journal. – 2016. – 68, no. 6. – P. 894–909. 3. Anisotropic Hörmander Spaces on the Lateral Surface of a Cylinder Author(s): Los', V.M. Source:Journal of Mathematical Sciences (New York). – 2016. – 217, no. 4. – P. 456 – 467. 4. An isomorphism theorem for parabolic problems in Hörmander spaces and its applications Author(s): Los, V., Mikhailets, V.A., Murach, A.A. Source:Communs Pure and Appl. Anal – 2017. – 16, no 1. - P. 69 - 97.	8	1. Mixed Problems for the Two-Dimensional Heat-Conduction Equation in Aniso-tropic Hörmander Spaces Author(s): Los', V.M. Source: Ukrainian Math. Journal. – 2015. –67, no. 5, – P. 735–747. 2. Theorems on Isomorphisms for Some Parabolic Initial-Boundary-Value Problems in Hörmander Spaces: Limiting Case Author(s): Los', V.M. Source: Ukrainian Math. Journal. – 2016. – 68, no. 6. – P. 894–909. 3. An isomorphism theorem for parabolic

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ФПМ	Кафедра системного програму	Терейковський Ігор Анатолійович	12	1. Deep neural networks in cyber attack detection systems Bapiyev, I.M., Aitchanov, B.H., Tereikovskyi, I.A., Tereikovska, L.A., Korchenko, A.A. 2017		

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ФПМ	Кафедра програмн ого забезпече ння комп'юте рних систем	Легеза Віктор Петрович	52	1. Hu, Z., Legeza, V.P., Dychka, I.A., Legeza, D.V. Mathematical modeling of the process of vibration protection in a system with two-mass damper pendulum // International Journal of Intelligent Systems and Applications 9(3), pp. 18-25, 2017 2. Legeza, V.P. Determining the Tuning Parameters for a Roller Damper with Constraints // International Applied Mechanics 51(6), pp. 691-695, 2015 3. Legeza, V.P. Determining the Amplitude–Frequency Response and Settings of a Nonlinear Vibration Isolation System with a Quasi-Isochronous Damper // International Applied Mechanics 51(2), pp. 233-241, 2015 4. Legeza, V.P., Legeza, D.V. Vibration of a string with moving end International Applied Mechanics 50(1), pp. 87-91, 2014 5. Legeza, V.P. Efficiency of a vibroprotection system with an isochronous roller damper // Mechanics of Solids 48(2), pp. 168-177, 2013		
ФПМ	Кафедра програмн ого забезпече ння комп'юте рних систем	Дичка Іван Андрійович	15	1. Hu, Z., Legeza, V., Dychka, I., Legeza, D. Mathematical model of the damping process in a one system with a Ball Vibration Absorber (2018) International Journal of Intelligent Systems and Applications, 10 (1), pp. 24-33. 2. Hu, Z., Dychka, I., Sulema, Y., Radchenko, Y.	9	1. Hu, Z., Legeza, V.P., Dychka, I.A., Legeza, D.V. Mathematical modeling of the process of vibration protection in a system with two-mass damper pendulum // International Journal

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ФМФ	Загальної фізики та фізики твердого тіла	Горшков Вячеслав Миколайович	92	1.Gorshkov, V., Privman, V. Kinetic Monte Carlo model of breakup of nanowires into chains of nanoparticles (2017) Journal of Applied Physics, 122 (20), статья № 204301 2. Gorshkov, V.N., Navadeh, N., Sareh, P., Tereshchuk, V.V., Fallah, A.S. Sonic metamaterials: Reflection on the role of topology on dispersion surface morphology (2017) Materials and Design, 132, pp. 44-56. 3.Gorshkov, V.N., Navadeh, N., Fallah, A.S. A study of frequency band structure in two-dimensional homogeneous anisotropic phononic K3-metamaterials (2017) Smart Materials and Structures, 26 (9), статья № 095058, . 4.Berman, G.P., Gorshkov, V.N., Tsifrinovich, V.I. Magnetic resonance force microscopy with a paramagnetic probe (2017) Physics Letters, Section A: General, Atomic and Solid State Physics, 381 (16), pp. 1445-1448. 5.Privman, V., Gorshkov, V., Yaish, Y.E. Kinetics modeling of nanoparticle growth on and evaporation off nanotubes (2017) Journal of Applied Physics, 121 (1), статья № 014301, .		
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ФМФ	Загальної та эксперим	Куліш Володимир Вікторович	25	Gorobets, Y.I., Gorobets, Y., Kulish, V.V.	17	1. V. Kulish, O.Yu. Gorobets. Energy method of

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ФМФ	Математичного аналізу та теорії ймовірностей	Клесов Олег Іванович	37	1.Klesov, O., Molchanov, I. Moment conditions in strong laws of large numbers for multiple sums and random measures // Statistics and Probability Letters 131, c. 56-63 2. Buldygin, V.V., Klesov, O.I., Steinebach, J.G. Asymptotic properties of absolutely continuous functions and strong laws of large numbers for renewal processes // Theory of Probability and Mathematical Statistics 87, c. 1-12. 3. Li, D., Klesov, O., Stoica, G. On the central limit theorem along subsequences of sums of i.i.d. random variables // Statistical Papers 55(4), c. 1035-1045 4. Doukhan, P., Klesov, O.I., Pakes, A.G., Steinebach, J.G. Limit theorems for record counts and times in the Fα-scheme // Extremes 16(2), c. 147-171 5. Buldygin, V.V., Klesov, O.I., Steinebach, J.G. Equivalent monotone versions of PRV functions // Journal of Mathematical Analysis and Applications 401(2), c. 526-533 6. Klesov, O.I., Kruglova, N.V. The distribution of a functional of the Wiener process and its application to the Brownian sheet // Statistics 45(1), c. 19-26 7. Buldygin, V.V., Klesov, O.I., Steinebach, J.G. On the convergence of positive increasing functions to infinity //	7	1. Oleg Klesov; Ilya Molchanov Moment conditions in strong laws of large numbers for multiple sums and random measures // Statistics & Probability Letters Published: 2017. 2.Buldygin, V.V.; Klesov, O.I.; Steinebach, J.G. Asymptotic properties of absolutely continuous functions and strong laws of large numbers for renewal processes // Theory of Probability and Mathematical Statistics Volume: 87 Pages: 1-12 Published: 2014. 3.Buldygin, V.V.; Klesov, O.I.; Steinebach, J.G. Equivalent monotone

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ФМФ	Загальної та теоретичної фізики	Бродин Олександр Михайлович	61	1.Mulenko, S.A., Rudenko, V.I., Liakhovetskyi, V.R., Brodin, A.M., Stefan, N. Large third-order optical nonlinearities in iron oxide thin films synthesized by reactive pulsed laser deposition (2016) Optical Materials, 60, pp. 123-127. DOI: 10.1016/j.optmat.2016.07.017		

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ФМФ	Загальної та теоретичної фізики	Данилевич Олександр Геннадійович	19	Bar'yakhtar, V.G., Danilevich, A.G. Magnetoelastic waves in ferromagnets in the vicinity of lattice structural phase transitions (2018) Ukrainian Journal of Physics, 63 (9), pp. 836-859. DOI: 10.15407/ujpe63.9.836 2.Baryakhtar, V.G., Danilevich, A.G. Magnetoelastic oscillations in ferromagnets with cubic symmetry		

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ФМФ	Загальної та теоретичної фізики	Снарський Андрій Олександрович	77	Kalita, V.M., Snarskii, A.A.,Shamonin, M., Zorinets, D.Effect of single-particle magnetostriction on the shear modulus of compliant magnetoactive elastomers Physical Review E 2017 Lande, D.V., Snarskii, A.A.Usage of horizontal visibility graphs in information analytics CEUR Workshop Proceedings 2017 Snarskii, A.A., Zorinets, D.I., Lande, D.V.“Conjectural” links in complex networks Physica A: Statistical Mechanics and its Applications 2016	10	Kalita, V.M., Snarskii, A.A.,Shamonin, M., Zorinets, D.Effect of single-particle magnetostriction on the shear modulus of compliant magnetoactive elastomers Physical Review E 2017 Lande, D.V., Snarskii, A.A.Usage of

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				2013 12th Mexican International Conference on Artificial Intelligence, MICAI 2013 Lande, D.V., Snarskii, A.A.,Yagunova, E.V.The use of horizontal visibility graphs to identify the words that define the information structure of the text CEUR Workshop Proceedings 2013 Shevchuk, R., Snarskii, A. Transforming a complex network to an acyclic one Physica A: Statistical Mechanics and its Applications 2012 Snarskii, A.A., Sarychev, A.K.,Bezsudnov, I.V., Lagarkov, A.N.Thermoelectric figure of merit for bulk nanostructured composites with distributed parameters Semiconductors 2012 Mityakov, A.V., Sapozhnikov, S.Z.,Mityakov, V.Y., (...), Zhenirovsky, M.I., Pyrhönen, J.J. Gradient heat flux sensors for high temperature environments Sensors and Actuators, A: Physical 2012		The parametric natural visibility graph Physica A: Statistical Mechanics and its Applications 2014 Shevchuk, R., Snarskii, A. Transforming a complex network to an acyclic one Physica A: Statistical Mechanics and its Applications 2012 Snarskii, A.A., Sarychev, A.K.,Bezsudnov, I.V., Lagarkov, A.N.Thermoelectric figure of merit for bulk nanostructured composites with distributed parameters Semiconductors 2012 Mityakov, A.V., Sapozhnikov, S.Z.,Mityakov, V.Y., (...), Zhenirovsky, M.I., Pyrhönen, J.J. Gradient heat flux sensors for high temperature environments Sensors

						and Actuators, A: Physical 2012
ФМФ	Загальної та теоретичної фізики	Калита Віктор Михайлович	110	Shlapa, Y., Solopan, S., Bodnaruk, A., Kulyk, M., Kalita, V., Tykhonenko-Polishchuk, Y., Tovstolytkin, A., Belous, A.Effect of Synthesis Temperature on Structure and Magnetic Properties of (La,Nd)<inf>0.7</inf>Sr<inf>0.3</inf>MnO<inf>3</inf> Nanoparticles (2017) Nanoscale Research Letters, 12 (1), статья № 100, . Ryabchenko, S.M., Kalita, V.M. Hysteresis of magnetization reversal loops in films with perpendicular anisotropy in an inclined magnetic field (2017) Low Temperature Physics, 43 (11), pp. 1260-1270. Ryabchenko, S.M., Kalita, V.M. Hysteresis of films with perpendicular anisotropy in an inclined magnetic field (2017) Fizika Nizkikh Temperatur, 43 (11), pp. 1581-1593. Lyashenko, T.I., Kalita, V.M., Loktev, V.M. Effect of the exchange interaction anisotropy on the magnetic quantum phase transitions in dimerized antiferromagnets (2017) Fizika Nizkikh Temperatur, 43 (8), pp. 1243-1251. Lyashenko, T.I., Kalita, V.M., Loktev, V.M. Effect of the exchange interaction anisotropy on the magnetic quantum phase transitions in dimerized antiferromagnets (2017) Low Temperature Physics, 43 (8), pp. 1002-1008. Pogorily, A.N., Kravets, A.F., Nevdacha, V.V., Podyalovskiy, D.Y., Ryabchenko, S.M., Kalita, V.M., Kulik, M.M., Lozenko, A.F., Vovk, A.Ya., Godinho, M., Maurel, L., Pardo, J.A., Magen, C.,	29	Shlapa, Y., Solopan, S., Bodnaruk, A., Kulyk, M., Kalita, V., Tykhonenko-Polishchuk, Y., Tovstolytkin, A., Belous, A.Effect of Synthesis Temperature on Structure and Magnetic Properties of (La,Nd)<inf>0.7</inf>Sr<inf>0.3</inf>MnO<inf>3</inf> Nanoparticles (2017) Nanoscale Research Letters, 12 (1), статья № 100, . Ryabchenko, S.M., Kalita, V.M. Hysteresis of magnetization reversal loops in films with perpendicular anisotropy in an inclined magnetic field (2017) Low Temperature Physics, 43 (11), pp. 1260-1270. Lyashenko, T.I., Kalita, V.M., Loktev, V.M. Effect of the exchange interaction anisotropy

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ФМФ	Загальної та теоретичної фізики	Лінчевський Ігор Валентинович	16	Linchevskyi, I.V. Reverse Magnetomechanical Effect Measurement in Magnetooptical Films at Nonmagnetic Substrate Bending Deformation IEEE Transactions on Magnetics 2016 Linchevskyi, I.V.,Skripets, A.V. Amplitude and phase-frequency characteristics of the magneto-optical modulator based on the bimorph element in the mode of magneto-mechanical oscillations Radioelectronics and Communications Systems 2015 Linchevskyi, I.V. Peculiarities of the modulation of optical radiation during magnetomechanical oscillations in bilayer composite structures Radioelectronics and Communications Systems 2015	1	Linchevskii, I.V.,Petrishchev, O.N. Effect of sizes and polarizing magnetic field on the values of material constants of ferrimagnets in magnetomechanical resonance conditions Technical Physics 2013

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ФТІ	Кафедра інформаційної безпеки	Куссуль Н. Н.	102	1. Data descriptor: Spatial distribution of arable and abandoned land across former Soviet Union countries / Lesiv, M., Schepaschenko, D., Moltchanova, E., Bun, R., Dürauer, M., Prishchepov, A.V., Schierhorn, F., Estel, S., Kuemmerle, T., Alcántara, C., Kussul, N. et al. // (2018) Scientific Data, 5, статья № 180056, DOI: 10.1038/sdata.2018.56 2. Kussul, N., Lavreniuk, M., Skakun, S., Shelestov, A. Cropland productivity assessment for Ukraine based on time series of optical satellite images (2017) International Geoscience and Remote Sensing Symposium (IGARSS), 2017-July, статья № 8128127, pp. 5007-5010. DOI: 10.1109/IGARSS.2017.8128127 3. Shelestov, A., Lavreniuk, M., Kussul, N., Novikov, A., Skakun, S. Large scale crop classification using Google earth engine platform		

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ФТІ	Кафедра фізико-технічних засобів захисту інформації	Земляк Олександр Михайлович	113	1. Zemliak, A.M. One approach for circuit optimization process (2017) International Journal of Circuits, Systems and Signal Processing, 11, pp. 274-283. 2. Zemliak, A.M. Application of the maximum principle for the circuits optimization (2017) Radioelectronics and Communications Systems, 60 (6), pp. 275-283. DOI: 10.3103/S073527271706005X 3. Zemliak, A. On the minimal time for the process of analog circuit optimization (2018) Analog Integrated Circuits and Signal Processing, 96 (3), pp. 475-483. DOI: 10.1007/s10470-018-1135-3 4.Zemliak, A., Reyes, F., Vergara, S. Study of different optimization strategies for analogue circuits	5	Title: CVD Synthesis of Multi-Walled Carbon Nanotubes onto Different Catalysts at Low Temperature Author(s): Guiqiang Diao; Hao Li; Hao Liang; et al. Source: Nano Pages: 1 850036 Published: 2018 DOI: 10.1142/S1793292018500364 Title: TiO2 and its composites as efective photocatalyst for glucose degradation

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ФТІ	Кафедра фізико-технічних засобів захисту інформації	Ковальчук Людмила Василівна	16	1.Kovalchuk, L.V., Bessalov, A.V., Bespalov, O.Y. Algorithms for Base Point Generation on an Edwards Curve with the Use of Point Divisibility Criteria (2016) Cybernetics and Systems Analysis, 52 (5), pp. 674-683. DOI: 10.1007/s10559-016-9870-x 2.Alekseychuk, A.N., Kovalchuk, L.V., Shevtsov, A.S., Yakovliev, S.V. Cryptographic Properties of a New National Encryption Standard of Ukraine (2016) Cybernetics and Systems Analysis, 52 (3), pp. 351-364. DOI: 10.1007/s10559-016-9835-0 3.Bessalov, A.V., Kovalchuk, L.V. Exact Number of Elliptic Curves in the Canonical Form, Which are Isomorphic to Edwards Curves Over Prime Field	38	

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ХТФ	Кафедра загальної та неорганічної хімії	Андрійко Олександр Опанасович	39	1.Omel'chuk, A.O., Andriiko, O.O. Corrosion of Zirconium in Halogenide Melts (2017) Materials Science, pp. 1-8. Article in Press. DOI: 10.1007/s11003-017-0013-y 2.Omel'chuk, A.O., Andriiko, O.O. Corrosion of zirconium in halogenide melts (2017) Materials Science, 52 (5), pp. 706-713. DOI: 10.1007/s11003-017-0013-y 3.Shpak, A.Y., Kumara Swamy, S.K., Dittmer, J., Vlasenko, N.Y., Globa, N.I., Andriiko, A.A. Formation of stable phases of the Li–Mn–Co oxide system at 800 °C under ambient oxygen pressure (2016) Journal of Solid State Electrochemistry, 20 (1), pp. 87-94. DOI: 10.1007/s10008-015-3001-x	10	Omel'chuk, A.O., Andriiko, O.O. Corrosion of zirconium in halogenide melts (2017) Materials Science, 52 (5), pp. 706-713. Shpak, A.Y., Kumara Swamy, S.K., Dittmer, J., Vlasenko, N.Y., Globa, N.I., Andriiko, A.A. Formation of stable phases of the Li–Mn–Co oxide system at 800 °C under ambient oxygen pressure

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ХТФ	Кафедра загальної та неорганічної хімії	Плаван Вікторія Петрівна	33	1.Valeika, V., Sapijanskaite, B., Sirvaityte, J., Plavan, V., Alaburdaite, R. Potentilla erecta (L.) raeusch as an alternative source of environmentally friendly polyphenols for leather tanning (2018) Journal of the American Leather Chemists Association, 113 (6), pp. 183-191. 2.Koliada, M., Ishchenko, O., Plavan, V., Bessarabov, V. Characterisation of electrospun fibers made of PVA or PVAc and collagen derivative (2018) Vlakna a Textil, 25 (2), pp. 48-51. Ishchenko, O., Sumska, O., Plavan, V., Liashok, I., 3.Resnytskyi, I. The use of the modified starch in biologically active system (2018) Vlakna a Textil, 25 (3), pp. 24-29. 4.Rezanova, N.M., Plavan, V.P., Dzubenko, L.S., Sapyanenko, O.O., Gorbyk, P.P., Korshun, A.V. The structure formation in compatibilized and nanofilled melts of polypropylene/plasticized polyvinyl alcohol (2018) Nanosistemi, Nanomateriali, Nanotehnologii, 16 (1), pp. 55-70.	11	Budash, Yuriy; Novak, Dmitriy; Plavan, Viktoriia Structural and Morphological Characteristics of Polyethylene Composites with Different Conductive Fillers MATERIALE PLASTICE Том: 53 Выпуск: 4 Стр.: 693-698 Palyvoda, Olena; Plavan, Viktoriya Assessment of synergies in forming of cluster organizational structures ECONOMIC ANNALS-XXI Том: 158 Выпуск: 3-4 Стр.: 48-51 Sirvaityte, J.; Beleska, K.; Valeikiene, V.; и др.

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ХТФ	Кафедра загальної та неорганічної хімії	Назарова Тамара Максимівна	6	1.Gomeniuk, Y.V., Gomeniuk, Y.Y., Okholin, P.N., Nazarova, T.M., Djara, V., Cherkaoui, K., Hurley, P.K., Nazarov, A.N. Low-temperature RF plasma treatment effect on junctionless Pd-Al2O3-InGaAs MISFET operation (2018) ECS Transactions, 85 (8), pp. 137-142. DOI: 10.1149/08508.0137ecst 2.Nazarov, A.N., Yukhymchuk, V.O., Okholin, P.N., Lytvyn, P.M., Lysenko, V.S., Glotov, V.I., Nazarova, T.M., Napolitani, E., Duffy, R. Hydrogen plasma modification of shallow implanted Germanium layers (2016) Proceedings of the 6th International Conference Nanomaterials: Applications and Properties, NAP 2016, статья № 7757267, . DOI: 10.1109/NAP.2016.7757267 3.Nazarov, A.N., Gordienko, S.O., Lytvyn, P.M., Stadnik, A.A., Gomeniuk, Y.Y., Vasin, A.V., Rusavsky, A.V., Nazarova, T.M., Lysenko, V.S. Carbon-rich nanostructurated a-SiC on Si heterostructures for fieldeffect electron emission (2014) Advanced Materials Research, 854, pp. 59-67. DOI: 10.4028/www.scientific.net/AMR.854.59 4.Gordienko, S.A., Nazarov, A.N., Lytyyn, P.M., Stadnik, A.A., Gomeniyuk, Y.Y., Rusavsky, A.V., Vasin, A.V., Stepanov, V.G., Lysenko, V.S., Nazarova, T.M.		

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ХТФ	Кафедра загальної та неорганічної хімії	Потаскалов Вадим Анатолійович	12	Faizi, M.S.H., Ali, A., Potaskalov, V.A. Crystal structure of (2,2′-bi-pyridine-κ2 N,N′)bis-(3,5-di-tert-butyl-o-benzo-quinonato-κ2 O,O′)ruthenium(II) (2017) Acta Crystallographica Section E: Crystallographic Communications, 73, pp. 459-462. Faizi, M.S.H., Ahmad, M., Ali, A., Potaskalov, V.A. Crystal structure of 5-[(4carboxybenzyl)oxy]isophthalic acid (2016) Acta Crystallographica Section E: Crystallographic Communications, 72, pp. 1219-1222. Faizi, M.S.H., Ali, A., Potaskalov, V.A. Crystal structure of 9,9′-{(1E,1′E)-[1,4-phenylenebis(azanylylidene)]bis(methanylylidene)} bis(2,3,6,7-tetrahydro-1H,5H-pyrido[3,2,1-ij]quinolin-8-ol) (2016) Acta Crystallographica Section E: Crystallographic Communications, 72, pp. 1366-1369.	5	Faizi, M.S.H., Ali, A., Potaskalov, V.A. Crystal structure of (2,2′-bi-pyridine-κ2 N,N′)bis-(3,5-di-tert-butyl-o-benzo-quinonato-κ2 O,O′)ruthenium(II) (2017) Acta Crystallographica Section E: Crystallographic Communications, 73, pp. 459-462. Faizi, M.S.H., Ahmad, M., Ali, A., Potaskalov, V.A. Crystal structure of 5-[(4carboxybenzyl)oxy]i

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ХТФ	Кафедра органічної хімії та технології органічних речовин	Фокін Андрій Артурович	141	1.Becker, J., Zhyhadlo, Y.Y., Butova, E.D., Fokin, A.A., Schreiner, P.R., Förster, M., Holthausen, M.C., Specht, P., Schindler, S. Aerobic Aliphatic Hydroxylation Reactions by Copper Complexes: A Simple Clip-and-Cleave Concept (2018) Chemistry - A European Journal, 24 (58), pp. 15543-15549. DOI: 10.1002/chem.201802607 2.Gebbie, M.A., Ishiwata, H., McQuade, P.J., Petrak, V., Taylor, A., Freiwald, C., Dahl, J.E., Carlson, R.M.K., Fokin, A.A., Schreiner, P.R., Shen, Z.-X., Nesladek, M., Melosh, N.A. Experimental measurement of the diamond nucleation landscape reveals classical and nonclassical features	55	Chiral building blocks based on 1,2-disubstituted diamantanes. *Synthesis*, 2017. *49*, 2003–2008. From isolated diamondoids to a van-der-Waals crystal: A theoretical and experimental analysis of a trishomocubane and a diamantane dimer in the gas and solid phase. *J Chem. Phys*. 2017,*147*, 4, 044303, 6 p.

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ХТФ	Кафедра органічної хімії та технології органічних речовин	Бутова Катерина Дмитрівна	16	1.Becker, J., Zhyhadlo, Y.Y., Butova, E.D., Fokin, A.A., Schreiner, P.R., Förster, M., Holthausen, M.C., Specht, P., Schindler, S. Aerobic Aliphatic Hydroxylation Reactions by Copper Complexes: A Simple Clip-and-Cleave Concept (2018) Chemistry - A European Journal, 24 (58), pp. 15543-15549. DOI: 10.1002/chem.201802607 2.Moncea, O., Gunawan, M.A., Poinsot, D., Cattey, H., Becker, J., Yurchenko, R.I., Butova, E.D., Hausmann, H., Šekutor, M., Fokin, A.A., Hierso, J.-C., Schreiner, P.R. Defying Stereotypes with Nanodiamonds: Stable Primary Diamondoid Phosphines (2016) Journal of Organic Chemistry, 81 (19), pp. 8759-8769. DOI: 10.1021/acs.joc.6b01219 3.Barabash, A.V., Butova, E.D., Kanyuk, I.M., Schreiner, P.R., Fokin, A.A. Beyond the corey reaction II: Dimethylenation of sterically congested ketones (2014) Journal of Organic Chemistry, 79 (21), pp. 10669-10673. DOI: 10.1021/jo502021x		

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ХТФ	Кафедра органічної хімії та технології органічних речовин	Жук Тетяна Сергіївна	10	1.Gunchenko, P.A., Li, J., Liu, B., Chen, H., Pashenko, A.E., Bakhonsky, V.V., Zhuk, T.S., Fokin, A.A. Aerobic oxidations with N-hydroxyphthalimide in trifluoroacetic acid (2018) Molecular Catalysis, 447, pp. 72-79. DOI: 10.1016/j.mcat.2017.12.017 2.Vorobyova, V., Chygyrynets', O., Skiba, M., Zhuk, T., Kurmakova, I., Bondar, O. A comprehensive study of grape pomace extract and its active components as effective vapour phase corrosion inhibitor of mild steel		

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ХТФ	Кафедра органічної хімії та технології органічних речовин	Гунченко Павло Олександрович	34	1.Gunchenko, P.A., Li, J., Liu, B., Chen, H., Pashenko, A.E., Bakhonsky, V.V., Zhuk, T.S., Fokin, A.A. Aerobic oxidations with N-hydroxyphthalimide in trifluoroacetic acid (2018) Molecular Catalysis, 447, pp. 72-79. DOI: 10.1016/j.mcat.2017.12.017 2.Fokin, A.A., Pashenko, A.E., Bakhonsky, V.V., Zhuk, T.S., Chernish, L.V., Gunchenko, P.A., Kushko, A.O., Becker, J., Wende, R.C., Schreiner, P.R. Chiral Building Blocks Based on 1,2-Disubstituted Diamantanes (2017) Synthesis (Germany), 49 (9), pp. 2003-2008. DOI: 10.1055/s-0036-1588694 3.Bremer, M., Untenecker, H., Gunchenko, P.A., Fokin, A.A., Schreiner, P.R. Inverted Carbon Geometries: Challenges to Experiment and Theory (2015) Journal of Organic Chemistry, 80 (12), pp. 6520-6524. DOI: 10.1021/acs.joc.5b00845 4.Fokin, A.A., Zhuk, T.S., Pashenko, A.E., Osipov, V.V., Gunchenko, P.A., Serafin, M., Schreiner, P.R. Functionalization of homodiamantane: Oxygen insertion reactions without rearrangement with dimethyldioxirane (2014) Journal of Organic Chemistry, 79 (4), pp. 1861-1866.	9	DOI: 10.1134/S1070428011090053 DOI: 10.1038/nature10367 DOI: 10.1007/s11237-012-9226-1 DOI: 10.1007/s11237-012-9226-1 DOI: 10.1063/1.4818994 DOI: 10.1021/jo4026594

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ХТФ	Кафедра органічної хімії та технології органічних речовин	Рассукана Юлія Вікторівна	41	1.Stanko, O.V., Rassukana, Y.V., Zamulko, K.A., Dyakonenko, V.V., Shishkina, S.V., Onys'ko, P.P. Diastereoselective synthesis of polyfluoroalkylated α-aminophosphonic acid derivatives (2018) Journal of Fluorine Chemistry, 216, pp. 47-56. DOI: 10.1016/j.jfluchem.2018.10.001 2.Levandovskiy, I.A., Gaidai, A.V., Zhyhadlo, Y.Y., Sharapa, D.I., Shishkin, O.V., Shishkina, S.V., Rassukana, Y.V. Efficient synthesis of 4-halo-D 3 -trishomocubane derivatives (2018) Arkivoc, 2018 (7), pp. 373-383. DOI: 10.24820/ark.5550190.p010.772 3.Kleban, I., Tymtsunik, A.V., Rassukana, Y.V., Grygorenko, O.O. O-(α-Phenylethyl)hydroxylamine as a ‘chiral ammonia equivalent’: synthesis and resolution of 5-oxopyrrolidine- and 6-oxopiperidine-3-carboxylic acids (2017) Tetrahedron Asymmetry, 28 (12), pp. 1817-1822.		

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ХТФ	Кафедра органічної хімії та технології органічних речовин	Левандовський Ігор Анатолійович	18	1.Shishkina, S.V., Levandovskiy, I.A., Ukrainets, I.V., Sidorenko, L.V., Grinevich, L.A., Yanchuk, I.B. Polymorphic modifications of a 1H-pyrrolo[3,2,1-ij]quinoline-5-carboxamide possessing strong diuretic properties (2018) Acta Crystallographica Section C: Structural Chemistry, 74 (12), pp. 1759-1767. DOI: 10.1107/S2053229618016352 2.Levandovskiy, I.A., Gaidai, A.V., Zhyhadlo, Y.Y., Sharapa, D.I., Shishkin, O.V., Shishkina, S.V., Rassukana, Y.V. Efficient synthesis of 4-halo-D 3 -trishomocubane derivatives (2018) Arkivoc, 2018 (7), pp. 373-383.		

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ХТФ	Кафедра органічної хімії та технології	Гайдай Олександр Васильович	9	1.Levandovskiy, I.A., Gaidai, A.V., Zhyhadlo, Y.Y., Sharapa, D.I., Shishkin, O.V., Shishkina, S.V., Rassukana, Y.V. Efficient synthesis of 4-halo-D 3 -trishomocubane derivatives (2018) Arkivoc, 2018 (7), pp. 373-383.		

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ХТФ	Кафедра фізичної хімії	Чигиринець Олена Едуардівна	18	Chyhyrynets, O. E.; Fateev, Y. F.; Vorobiova, V. I.; et al. Study of the Mechanism of Action of the Isopropanol Extract of Rapeseed Oil Cake on the Atmospheric Corrosion of Copper // Materials Science , 2016.-Volume: 51 Issue: 5 Pp. 644-651 Vorob'iova, V. I.; Chyhyrynets, O. E.; Vasyl'kevych, O. I. Mechanism of Formation of the Protective Films on Steel by Volatile Compounds of Rapeseed Cake // Materials Science , 2015,Vol.50,. Issue: 5, PP. 726- 735 Chyhyrynets'O. E. and Vorob'iova V. I. Anticorrosion Properties of the Extract of Rapeseed Oil Cake as a Volatile Inhibitor of the Atmospheric Corrosion of Steel // Materials Science. – 2013. – 49, № 3. – P. 318–325 Vorobyova, V., Chygyrynetś, O., Skiba, M., Kurmakova, I., Bondar, O. Self-assembled monoterpenoid phenol as vapor phase atmospheric corrosion inhibitor of carbon steel // Int. J. Corros. Scale Inhib., 2017, 6, no. 4, 485–503. Chygyrynets' O.E. A study of rapeseed cake extract as eco-friendly vapor phase corrosion inhibitor / O.E. Chygyrynets',V.I. Vorobyova // Chemistry and Chemical Technology. – 2014. Vol. 8, – №. 2. – С. 235–242. ISSN 1996-4196	3	Chyhyrynets, O. E.; Fateev, Y. F.; Vorobiova, V. I.; et al. Study of the Mechanism of Action of the Isopropanol Extract of Rapeseed Oil Cake on the Atmospheric Corrosion of Copper // Materials Science Volume: 51 Issue: 5 Pages: 644-651 Published: 2016 Times DOI: 10.1007/s11003-016-9886-4 Vorob'iova, V. I.; Chyhyrynets, O. E.; Vasyl'kevych, O. Mechanism of Formation of the Protective Films on Steel by Volatile Compounds of Rapeseed Cake // Materials

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ХТФ	Кафедра фізичної хімії	Воробйова Вікторія Іванівна	23	1.Chyhyrynets'O. E. and Vorob'iova V. I. Anticorrosion Properties of the Extract of Rapeseed Oil Cake as a Volatile Inhibitor of the Atmospheric Corrosion of Steel // Materials Science. – 2013. – 49, № 3. – P. 318–325 2.Chygyrynets' O.E. A study of rapeseed cake extract as eco-friendly vapor phase corrosion inhibitor / O.E. Chygyrynets',V.I. Vorobyova // Chemistry and Chemical Technology. – 2014. Vol. 8, – №. 2. – С. 235–242. ISSN 1996-4196 3.Vorobieva V.I. Study of the protective efficacy of inhibibited paper to protect steel products during transport and storage / V.I. Vorobieva E.E. Chigirinets, R.I. Cherepkina, V.I Sydor // Metallurgical and Mining Industry. – 2013. – №5. – С.79–82. ISSN: 2076-0507, EISSN: 2078-8312 4.Vorobyova V.I. Investigation of the efficiency of inhibitors or atmospheric corrosion / V.I. Vorobyova, O.E. Chygyrynets', G.Yu. Galchenko, I.G.Roslik // Metallurgical and Mining Industry. – 2012. – №2. – С. 76–80. ISSN: 2076-0507 EISSN: 2078-8312	3	Chyhyrynets, O. E.; Fateev, Y. F.; Vorobiova, V. I.; et al. Study of the Mechanism of Action of the Isopropanol Extract of Rapeseed Oil Cake on the Atmospheric Corrosion of Copper // Materials Science Volume: 51 Issue: 5 Pages: 644-651 Published: 2016 Times DOI: 10.1007/s11003-016-9886-4 Vorob'iova, V. I.; Chyhyrynets, O. E.; Vasyl'kevych, O. Mechanism of Formation of the Protective Films on Steel by Volatile

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