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LUCRARI ISI-BDI
PROGRAM STUDII ISE

RESPONSABIL PROGRAM STUDII
LICENȚĂ ISE,

Conf.dr.ing. Denisa RUȘINARU

LUCRĂRI ISI-BDI

Prof.dr.ing. Marian CIONTU	
1	Marin, I., Ursu, D., Ciontu M. , Mircea, P.M., Rusinaru, D., Mircea, I. <i>Influence of MV Networks' Distributed Neutral Grounding on the Homopolar Directional Current Protection</i> , 2022 International Conference and Exposition on Electrical and Power Engineering EPE
2	Marin, I., Ursu, D., Ciontu M. , Mircea, P.M., Mircea, I., Buzatu, C.G. <i>Study of Overvoltages at the Extinguishing Coil Disconnection from Medium Voltage Networks in Stabilized Earthing Regime</i> , International Conference on Applied and Theoretical Electricity (ICATE), 2021
3	Nicola, M., Sacerdotianu, D., Nicola, C.I., Ivanov, I.S., Ciontu M. , Nitu, M.C <i>Improved Control Strategy of Unified Power Quality Conditioner Using Fractional Order Controller and Particle Swarm Optimization</i> , International Conference on Applied and Theoretical Electricity (ICATE) 2021
Prof. habil. dr. ing. Daniela DANCIU	
1	Danciu Daniela , Răsvan, V. (2025). Asymptotic Stabilization of Oilwell Drillstring Torsional and Axial Vibrations. <i>Mathematics</i> , 13(6), 942. DOI: 10.3390/math13060942, Available: https://doi.org/10.3390/math13060942 , MDPI, [ISI Q1, WOS: 001452546400001, IF_2024: 2.2]
2	Danciu Daniela , Răsvan V. (2025). Stabilization and forced oscillations of a model with time delay in vibroimpact mechanics, 19th IFAC Workshop on Time Delays systems (TDS), IFAC-PapersOnLine, Volume 59, Issue 13, 2025, Pages 1-6, ISSN: 2405-8963, Elsevier. DOI: 10.1016/j.ifacol.2025.10.001, Available: https://doi.org/10.1016/j.ifacol.2025.10.001 [SCOPUS]
3	Danciu Daniela , D. Popescu and V. Răsvan (2025). Stabilization Approach for the Improved Model of 1D Mechanical Systems with Linear Motion Coordinates, <i>2025 29th International Conference on System Theory, Control and Computing (ICSTCC)</i> , Cluj-Napoca, Romania, 2025, pp. 241 - 247, ISBN: 979-8-3315-9620-0/25/, Publisher IEEE. [IEEEExplorer]
4	Danciu Daniela , D. Popescu and V. Răsvan (2024). Around a Case of Huygens Synchronization, <i>2024 28th International Conference on System Theory, Control and Computing (ICSTCC)</i> , Sinaia, Romania, 2024, pp. 163-168, eISBN: ISBN:979-8-3503-6429-3, Publisher IEEE, Link: https://ieeexplore.ieee.org/document/10744719 , doi: 10.1109/ICSTCC62912.2024.10744719. [ISI Proc. WOS: 001440908400027]
5	Danciu Daniela , Popescu D., Răsvan V. (2023). Water Hammer Stability for a Hydroelectric Plant with Local Nonlinear Hydraulic Losses, <i>2023 European Control Conference (ECC)</i> , June 13-16, 2023. Bucharest, Romania, eISBN: 978-3-907144-08-4, pp. 1-6, doi: 10.23919/ECC57647.2023.10178313. [ISI, WOS:001035589000198, IEEE Xplore]
6	Danciu Daniela , D. Popescu and V. Răsvan. (2022). "On the Stability Models for the Surge Tanks in Hydraulic Plants," 2022 23rd International Carpathian Control Conference (ICCC), 2022, pp. 208-214, doi: 10.1109/ICCC54292.2022.9805945, Publisher IEEE, Electronic ISBN: 978-1-6654-6636-3. [ISI Proc, WOS: 000925203600037, IEEE Xplore]
7	Danciu Daniela , D. Popescu and V. Răsvan. (2022). Surge Tank Stability under Distributed Parameters, 2022 26th International Conference on System Theory, Control and Computing (ICSTCC), 2022, pp. 92-97, ISBN: 978-1-6654-6746-9, doi: 10.1109/ICSTCC55426.2022.9931795, Publisher: IEEE. [ISI Proc, WOS:000889980600017, IEEE Xplore].
8	Danciu Daniela , Popescu D., Răsvan V. (2021). On Dynamic Models for Water Hammer. Criticalities and Challenges, <i>2021 25th International Conference on System Theory, Control and Computing (ICSTCC)</i> , pp. 491-497, ISBN: 978-1-6654-3055-5, ISSN: 2372-1618, doi: 10.1109/ICSTCC52150.2021.9607136. web link: https://ieeexplore.ieee.org/document/9607136 [ISI Proc. WOS: 000859487900080, IEEE Xplore]
9	Danciu Daniela , Răsvan V. (2021). Oscillator Networks: Delays and Synchronization, <i>IFAC PapersOnLine</i> , vol. 54, issue 9, pp. 32–37, ISSN: 2405-8963, ELSEVIER, 24th International Symposium on Mathematical Theory of Networks and Systems (MTNS 2020): Cambridge, UK, DOI: 10.1016/j.ifacol.2021.06.059, Available: https://doi.org/10.1016/j.ifacol.2021.06.059 [ISI Proc.

	WOS:000680565100007, ScienceDirect]
1 0	Danciu Daniela , Răsvan V. (2020). Controlling Co-generation: Conservation laws, Modeling and Lyapunov Synthesis, <i>International Journal of Control</i> , vol. 93, no. 2, pp. 336-345, ISSN: 0020-7179, Taylor & Francis, Published online: 06 Sep 2018, Available: https://doi.org/10.1080/00207179.2018.1514126 [ISI Q2, WOS: 000513185600017, IF_2018: 2.93]
1 1	Danciu Daniela , Răsvan V. (2021). Oscillator Networks: Delays and Synchronization, <i>IFAC PapersOnLine</i> , vol. 54, issue 9, pp. 32–37, ISSN: 2405-8963, ELSEVIER, 24th International Symposium on Mathematical Theory of Networks and Systems (MTNS 2020): Cambridge, UK, DOI: 10.1016/j.ifacol.2021.06.059, Available: https://doi.org/10.1016/j.ifacol.2021.06.059 [ISI Proc. WOS:000680565100007, ScienceDirect]
1 2	Stability and Control Problems in Hydropower Plants, <i>2020 21th International Carpathian Control Conference (ICCC)</i> , 27-29 October, 2020, High Tatras, Slovakia, 2020, pp. 1-5, doi: 10.1109/ICCC49264.2020.9257294, Electronic ISBN:978-1-7281-1951-9 [IEEE Xplore INSPEC Accession Number: 20194353]
1 3	Danciu Daniela , Popescu D., Răsvan V. (2020). Stability of Surge Tanks in the Hydroelectric Power Plants - Structures and Problems, <i>2020 24rd International Conference on System Theory, Control and Computing (ICSTCC)</i> , 8-10 Oct. 2020, pp. 398-403, ISSN: 2372-1618, doi: 10.1109/ICSTCC50638.2020.9259788 [ISI Proc., WOS:000646582900067, IEEE Xplore]
1 4	Danciu Daniela , Răsvan V. (2020). Stability by the first approximation of a water hammer model, 21th IFAC World Congress, 1st Virtual IFAC World Congress (IFAC-V 2020), Berlin, Germany, July 11-14, 2020, <i>IFAC PapersOnLine</i> vol. 53, no. 2 (2020), ISSN: 2405-8963, pp. 4339–4344, DOI: 10.1016/j.ifacol.2020.12.2490, [ISI Proc., WOS:000652592500700, ScienceDirect]
Prof. dr. ing. Sorin ENACHE	
1	ANCUTA-MIHAELA ACIU, SORIN ENACHE, MARIA-CRISTINA NITU: A Reviewed Turn at of Methods for Determining the Type of Fault in Power Transformers Based on Dissolved Gas Analysis, <i>Energies</i> 2024, Vol. 17, Issue 10, Article number 2331, ISSN 1996-1073, IF: 3,0, WOS: 001232873400001, DOI: 10.3390/en17102331 https://www.mdpi.com/1996-1073/17/10/2331
2	CRISTIAN-EUGENIU SĂLCEANU, SORIN ENACHE, CĂTĂLIN DOBREA, DANIELA IOVAN, DANIEL OCOLEANU, MARCEL NICOLA, ȘTEFAN ȘEITAN, MIHAI IONESCU: Experimental study of the behaviour of Ring Main Units type panels in the event of internal arcing in different compartments, <i>Energies</i> 2024, Vol. 17, Issue 11, Article number 2500, ISSN 1996-1073, IF: 3,0, WOS: 001245595400001, DOI: 10.3390/en17112500 https://www.mdpi.com/1996-1073/17/11/2500
3	SORIN ENACHE, MONICA-ADELA ENACHE, ION VLAD: Considerations Regarding the Middle Power Asynchronous Motors for Railway Electrical Traction, <i>Energies</i> 2024, Vol. 17, Issue 17, Article number 4327, ISSN 1996-1073, IF: 3,0. WOS: 001310910900001, DOI: 10.3390/en17174327 https://www.mdpi.com/1996-1073/17/17/4327
4	SORIN ENACHE, ION VLAD, MONICA-ADELA ENACHE: Influence of Electrical Circuit Parameter Changes on the Local Stability of a Three-Phase Cage Induction Motor Fed with Variable Frequency, <i>Annals of the University of Craiova, Series : Electrical Engineering</i> , No. 47, Vol. 47, 2023. https://elth.ucv.ro/fisiere/anale/?p=1713
5	SORIN ENACHE, ION VLAD AND MONICA-ADELA ENACHE: Dynamic Processes of Electric Motors for Operating some Aircraft Equipment, <i>Annals of the University of Craiova, Electrical Engineering Series</i> , No. 46, Issue 1, 2022, ISSN 1842-4805, eISSN 2971-98522022, pp. 1-6. https://elth.ucv.ro/fisiere/anale/?p=1664
6	SĂLCEANU, CE; NICOLA, M; NICOLA, CI; OCOLEANU, D; DOBREA, C; IOVAN, D; ENACHE, S.: Experimental Study on the Behavior of Aluminum Fuse Element Inside 24 kV, 50 kA High-Voltage Fuses, <i>Energies</i> 2022, Volume 15, Issue 19, Article Number 7171, doi: 10.3390/en15191711, WOS:000867965800001.

7	ENACHE, S.; VLAD, I.; ENACHE, M.A. Aspects Regarding the Optimization of Cross Geometry in Traction Asynchronous Motors Using the Theory of Nonlinear Circuits, <i>Energies</i> 2022, Volume 15, Issue 18, Article number 6648, doi: 10.3390/en15186648, WOS:000858644300001. https://www-webofscience-com.am.e-nformation.ro/wos/woscc/full-record/WOS:000858644300001
8	SORIN ENACHE, AUREL CAMPEANU, ION VLAD, MONICA-ADELA ENACHE: Contributions Regarding Monitoring of Universal Fractional-Horsepower Commutator Motors, <i>Annals of Faculty of Engineering Hunedoara - International Journal of Engineering</i> , Tome XX [2022], Fascicule 4 [November], ISSN 1584-2665, pp. 175-178. https://annals.fih.upt.ro/pdf-full/2022/ANNALS-2022-4-25.pdf
9	CRISTIAN-EUGENIU SĂLCEANU, MARCEL NICOLA, DANIEL OCOLEANU, DANIELA IOVAN, SORIN ENACHE: Experimental Study of HBC Fuses with Aluminium Fuse Element at Minimum Rated Breaking Current, Maximum Rated Breaking Current and Transfer Current of Fuse-Switch Combination, <i>Annals of the University of Craiova, Series : Electrical Engineering</i> , No. 45, Vol. 45, 2021. https://elth.ucv.ro/fisiere/anale/?p=1596
1 0	S. ENACHE, I. VLAD, M. A. ENACHE: Program for Monitoring Operation Regimes of Low-Power Electrical Machines, <i>Annals of the University of Craiova, Electrical Engineering series</i> , No. 44, Issue 1, 2020, ISSN 1842-4805, pp. 55-60. https://elth.ucv.ro/fisiere/anale/?p=1530
1 1	R. C. PRESURĂ (NICOLAE), S. ENACHE, I. VLAD, M. Ș. NICOLAE: Constructive Dimensions Optimization for Asynchronous Motors used in Coal Mills, <i>Annals of the University of Craiova, Electrical Engineering series</i> , No. 44, Issue 1, 2020, ISSN 1842-4805, pp. 49-54. https://elth.ucv.ro/fisiere/anale/?p=1526
1 2	S. ENACHE, A. CAMPEANU, I. VLAD. R. ZLATIAN, M. A. ENACHE: Dynamic Analysis of New Induction Motor for Electrical Traction, 2020 International Symposium on Power Electronics, Electrical Drives, Automation and Motion (SPEEDAM), 24-26 June 2020, Sorrento, Italy, DOI: 10.1109/SPEEDAM48782.2020.9161908, ISBN:978-1-7281-7020-6. https://ieeexplore.ieee.org/document/9161908
1 3	S. ENACHE, A. CAMPEANU, M. A. ENACHE, I. VLAD, M. POPESCU: New Aspects in Optimal Design of Asynchronous Motors used in Light Railway Traction, 2020 International Symposium on Power Electronics, Electrical Drives, Automation and Motion (SPEEDAM), 24-26 June 2020, Sorrento, Italy, DOI: 10.1109/SPEEDAM48782.2020.9161847, ISBN: 978-1-7281-7020-6. https://ieeexplore.ieee.org/document/9161847
1 4	S. ENACHE, A. CAMPEANU, M. A. ENACHE, I. VLAD, M. POPESCU: Optimizing Design of Transformers Used in Railway Traction, 11th International Conference and Exposition on Electrical and Power Engineering EPE 2020, Iasi, 2020, Romania, DOI: 10.1109/EPE50722.2020.9305531, ISSN 2644-223X. https://ieeexplore.ieee.org/document/9305531
1 5	R. C. NICOLAE (PRESURĂ), S. ENACHE, M. Ș. NICOLAE, I. VLAD, I. A. GHEORGHE, R. ZLATIANU: The importance of the cross geometry over the optimal design of asynchronous traction motors, EPE 2020, Iasi, 2020, Romania, DOI: 10.1109/EPE50722.2020.9305577. https://ieeexplore.ieee.org/document/9305577
Prof. dr. ing. Leonardo-Geo MANESCU	
1	L.G. Mănescu , D. Rușinaru, C. Buzatu, L. Mandache, A. Băndoi, C. Sitnikov, C. Popîrlan, C.M. Negrilă, C.G. Bocean, <i>Smart Storage and Grid Services Based on Removable Modular Batteries for EV</i> , 2021 International Conference on Applied and Theoretical Electricity (ICATE), Craiova, Romania, 2021, pp. 1-6.
Prof. dr. ing. Paul POPESCU	
1	Popescu P., Popescu M., <i>On a cotangent form of a nonholonomic lagrangian dynamics</i> , INTERNATIONAL CONFERENCE ON APPLIED MATHEMATICS AND NUMERICAL METHODS (ICAMNM 2020), 3RD EDITION, 2020.
2	Nicolae Ileana-Diana V. D., Nicolae Petre-Marian T., Popescu Paul P., Purcaru Anca I., <i>Comparative study of wavelet based techniques for electromagnetic noise evaluation and removal</i> , INTERNATIONAL CONFERENCE ON APPLIED MATHEMATICS AND NUMERICAL METHODS

	(ICAMNM 2020), 3RD EDITION, 2020.
Conf. dr. ing. Ionel Laurențiu ALBOTEANU	
1	Alboteanu L. , Ravigan F., <i>Automatic Sorting System for Educational Training</i> , Annals of the University of Craiova, Electrical Engineering series, No. 46, Issue 1, 2022; ISSN 1842-4805 eISSN 2971-9852, DOI: 10.52846/AUCEE.2022.07 Indexat: Index Copernicus
2	Alboteanu L., Ilie B., <i>Remote control of an automatic system for handling fragile objects</i> , Revista Hidraulica, nr.3/2022, ISSN: 1453-7303, pp. 58-65, Indexat: Ulrichs, ProQuest
3	Alboteanu L. , Militaru A.C., <i>Automatic Ventilation and Air Conditioning System for Educational Training</i> , Annals of the University of Craiova, Electrical Engineering series, No. 45, Issue 1, 2021; ISSN 1842-4805; Indexat: Index Copernicus
4	Manolea G., Novac A., Alboteanu L. , Cerban G., Novac M., <i>Contributions regarding the realization of a drive system for winding thin rubber bands</i> , ANNALS of Faculty Engineering Hunedoara – International Journal of Engineering Tome XX [2022] Fascicule 3 [August], ISSN: 2601-2332 (online, all four fascicules) ISSN-L: 1584-2665, Indexat: Index Copernicus
5	Alboteanu I.L. , Drighiciu M.A., Drighiciu E.M., Ravigan F., <i>Pneumatic System for Compacting Food Waste Packaging</i> , Annals of the University of Craiova, Electrical Engineering series, No. 48, Issue 1, 2024, pp 61-68, ISSN 1842-4805 (print) ISSN 2971-9852 (online), ISSN-L 1842-4805, DOI: 10.52846/AUCEE.2024.09
6	Alboteanu, I. L. , <i>Small-Scale Hydraulic Excavation System for Educational Purposes</i> , Revista Hidraulica, nr.3/2025, ISSN: 1453-7303, pp. 15-20. Indexat: Ulrichs, ProQuest
7	Alboteanu, I.L. and Militaru A.C., Small Scale Model of Heating, Ventilation and Air Conditioning System, Procc. of 2021 International Conference on Applied and Theoretical Electricity (ICATE), MAY 27-29, 2021, ISSN2376-4163, WOS:000709089900014
8	I.L. Alboteanu , M.A. Drighiciu, E.M. Drighiciu, <i>Automatic System for Compacting Metal Waste</i> , 2024 International Conference on Applied and Theoretical Electricity (ICATE), 24-26 October 2024, DOI: 10.1109/ICATE62934.2024.10748624, Electronic ISBN:979-8-3503-8810-7, Indexat: IEEEexplore
9	I.L. Alboteanu , G. Manolea, C. Bratu, <i>Solar Tracking Systems for Photovoltaic Panel Made for Educational Purposes</i> , 2023 International Conference on Electromechanical and Energy Systems (SIELMEN), 11-13 October 2023, DOI: 10.1109/SIELMEN59038.2023.10290728, Electronic ISBN:979-8-3503-1524-0, Indexat: IEEEexplore
Conf. dr. ing. Monica-Adela ENACHE	
1	Monica-Adela Enache , Ion Vlad, Sorin Enache: System for Monitoring Asynchronous Motors Powered at Variable Voltage, Annals of the University of Craiova, Series : Electrical Engineering, No. 47, Vol. 47, 2023. https://elth.ucv.ro/fisiere/anale/?p=1801
2	Campeanu, A., Enache, M.A. , Vlad, I., Enache, S.: Dynamic Processes in Permanent-Magnet Synchronous Machine, 2023 13th International Symposium on Advanced Topics in Electrical Engineering (ATEE), Bucuresti, DOI: 10.1109/ATEE58038.2023.10108123. https://ieeexplore.ieee.org/document/10108123
3	Monica Adela Enache , Ion Vlad, Sorin Enache: Harmonic Analysis of Electromagnetic Torque in Brushless Direct Current Motors, Annals of the University of Craiova, Electrical Engineering Series, No. 46, Issue 1, 2022, ISSN 1842-4805, eISSN 2971-98522022, pp. 7-12. https://elth.ucv.ro/fisiere/anale/?p=1662
Conf. dr. ing. Mihaita LINCA	
1	Constantin Vlad Suru, Alexandru Bitoleanu, Mihaela Popescu, Mihaita Linca , Florin Ravigan, "PARTICULARITIES OF ROTOR FIELD ORIENTATION CONTROL IMPLEMENTATION ON INDUSTRIAL DSP SYSTEMS", Rev. Roum. Sci. Techn.– Électrotechn. et Énerg., Vol. 70, 1, pp. 15–20, Bucarest, 2025, DOI: 10.59277/RRST-EE.2025.70.1.3
2	Mihaela Popescu, Alexandru Bitoleanu, Constantin Vlad Suru , Mihaita Linca and Laurentiu Alboteanu, Shunt Active Power Filters in Three-Phase, Three-Wire Systems: A Topical Review, Energies 2024, 17(12), 2867; https://doi.org/10.3390/en17122867 , https://www.webofscience.com/wos/woscc/full-record/WOS:001255950200001
3	Mihăiță Lincă , Constantin Vlad Suru, Mihaela Popescu, Alexandru Bitoleanu and Cristian Bratu, The Implementation of Quasi-Oriented Rotor Field Control Algorithm for Induction Motor Traction Systems,

	Annals of the University of Craiova, Electrical Engineering series, No. 48, Issue 1, 2024; ISSN 1842-4805 eISSN 2971-9852, DOI: 10.52846/AUCEE.2024.02
4	M. Linca , C. V. Suru, M. Popescu and A. Bitoleanu, "Rotor Field Quasi-Oriented Control Algorithm Implementation for Railway Traction Systems on dSPACE DS1103," 2024 International Conference on Applied and Theoretical Electricity (ICATE), Craiova, Romania, 2024, pp. 1-6, doi: 10.1109/ICATE62934.2024.10748608.
5	Mihaita Linca , Ion Popa, Constantin Vlad Suru and Florin Ravigan, Comparative Performance Analysis of Photovoltaic Power Plants – a Case Study, Annals of the University of Craiova, Electrical Engineering series, No. 47, Issue 1, 2023; ISSN 1842-4805 eISSN 2971-9852, DOI: 10.52846/AUCEE.2023.10
6	M. Linca , I. Popa, C. V. Suru and F. Ravigan, "Comparative Analysis of Performances of Photovoltaic Power Plants," 2023 International Conference on Electromechanical and Energy Systems (SIELMEN), Craiova, Romania, 2023, pp. 1-6, doi: 10.1109/SIELMEN59038.2023.10290833.
7	Constantin Vlad SURU, Mihaela POPESCU, Mihăiță LINCA , Mircea DOBRICEANU, ADAPTIVE CONTROL IMPLEMENTATION FOR THREE PHASE THREE LEG FOUR WIRE SAPF ON DSPACE 1103 DSP BOARD, ANNALS of Faculty Engineering Hunedoara – International Journal of Engineering, Tome XX [2022] Fascicule 3 [August]
8	C. V. Suru, M. Popescu and M. Linca , "Implementation of rotor field orientation by voltage control on dSPACE system," 2022 22nd International Symposium on Electrical Apparatus and Technologies (SIELA), Bourgas, Bulgaria, 2022, pp. 1-4, doi: 10.1109/SIELA54794.2022.9845784. [SCOPUS, IEEE]
9	Mihaela Popescu, Alexandru Bitoleanu, Mihaita Linca and Constantin Vlad Suru, Improving Power Quality by a Four-Wire Shunt Active Power Filter: A Case Study, Energies 2021, 14, 1951. https://doi.org/10.3390/en14071951 (SCIE, IF: 3,004). WOS:000638414200001, eISSN: 1996-1073
1 0	Subtirelu G.E., Dobriceanu M., Linca M. , Virtual Instrumentation for Power Quality Analysis in the Main Supplying Point at Entrance of an Industrial Consumer, 2021, International Conference on Applied and Theoretical Electricity (ICATE), MAY 27-29, 2021, Craiova, ROMANIA, ISBN 978-1-7281-8035-9, ISSN 2376-4163, WOS:000709089900073.
1 1	Suru C.V., Popescu M., Linca M. , An Optimal Slipping Frequency Control Implementation for Induction Traction Motor on dSPACE 1104 DSP Board, Published in: 2021 International Conference on Applied and Theoretical Electricity (ICATE), 27-29 May 2021, Craiova, Romania, DOI: 10.1109/ICATE49685.2021.9464989, Electronic ISBN:978-1-7281-8035-9, Electronic ISSN: 2688-0962.
1 2	Suru C.V., Popescu M., Linca M. , The Rotoric Field Orientation Control Implementation for Induction Traction Motor on dSPACE 1104 DSP Board, Published in: 2021 12th International Symposium on Advanced Topics in Electrical Engineering (ATEE), 25-27 March 2021, Bucharest, Romania, INSPEC Accession Number: 20691688, DOI: 10.1109/ATEE52255.2021.9425288, Electronic ISBN:978-1-6654-1878-2, Electronic ISSN: 2159-3604.
1 3	C. V. Suru, M. Popescu, M. Linca and M. Dobriceanu, "Control Implementation for Battery Charging in Autonomous Locomotive on dSPACE 1104 DSP Board," 2021 7th International Symposium on Electrical and Electronics Engineering (ISEEE), Galati, Romania, 2021, pp. 1-6, doi: 10.1109/ISEEE53383.2021.9628729.
1 4	C. V. Suru, M. Popescu and M. Linca , "Optimal Control Implementation of Three Phase-Four Wire Active Power Filter on dSPACE 1103 DSP Board," 2021 International Aegean Conference on Electrical Machines and Power Electronics (ACEMP) & 2021 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM), Brasov, Romania, 2021, pp. 240-245, doi: 10.1109/OPTIM-ACEMP50812.2021.9590082. [SCOPUS, IEEE]
1 5	Mihaela Popescu, A Bitoleanu, CV Suru, M Linca , GE Subtirelu, Adaptive Control of DC Voltage in Three-Phase Three-Wire Shunt Active Power Filters Systems, Energies 2020, vol. 13, issue 12, 3147, https://doi.org/10.3390/en13123147 , (SCIE, IF: 2,707). WOS:000550096000001, eISSN: 1996-1073
1 6	C. V. Suru, M. Popescu, M. Linca and A. Stanculescu, "Fuzzy Logic Controller Implementation for the Compensating Capacitor Voltage of an Indirect Current Controlled Active Filter," 2020 International Conference and Exposition on Electrical And Power Engineering (EPE), 2020, pp. 039-044, doi: 10.1109/EPE50722.2020.9305570. [SCOPUS, IEEE]
Conf. univ. dr. Paul Mihai MIRCEA	
1	Nițu, M.-C., Aciu, A.-M., Ștefan, D., Mircea, P.M. , "Improving the Quality Index of Insulating Oil in

	<i>Transformers by Applying the Dehumidification Process</i> ”, International Journal of Environmental Science (IJES), Vol. 10, pp. 20–27, ISSN 2367-8941, 2025. Revista BDI.
2	Nițu, M.-C., Dina, L.-A., Nicolae, I.-D., Nicolae, M.-Ș., Mircea, P.M. , “ <i>Overvoltages Transmitted in the Transformer Windings on the Lightning Impulse—An Analytical Method for Determination and Experimental Measurements</i> ”, Applied Science 2025, Vol. 15, 5861 Appl. Sci., eISSN 2076-3417. Revista ISI.
3	Marin, I., Mircea, P.M. , M., Ursu, D., Dina, L., Butoarca, E., Bratu, C., “ <i>Transient Regime Study for Voltages in the Secondary of the MV/LV Power Distribution Transformer at Faults in the MV Network</i> ”, International Conference on Electrical Drives and Power Electronics (EDPE 2025), DOI:10.1109/EDPE66853 .2025.11.22.4215.
4	Digă, S.-M., Digă, N., Mircea, P.M. , Pătru, I., Bratu, C., Dina, L.-A., “ <i>Considerations on Forecasting the Production of Photovoltaic Parks in Operation</i> ”, 2025 ATEE 14th International Symposium on Advanced Topics in Electrical Engineering.
5	Nițu, M.-C., Mircea, P.M. , Dina, L.-A., Filip, N., “ <i>Lightning Impulse Test for Fault Detection in Power Transformers</i> ”, International Conference on Electromechanical and Energy Systems SIELMEN 2025.
6	Toma, I., Nițu, M.-C., Dina, L.-A., Mircea, P.M. , “ <i>Sustainable Approaches in the Reliability Assessment of Cables for Overhead Power Line Infrastructure</i> ”, International Conference on Electromechanical and Energy Systems (SIELMEN 2025).
7	Marin, I., Mircea, P.M. , E. Butoarca, Ursu, D., Mircea, I., Bratu, C., “ <i>Technical efficiency of the shunt breaker in the exploitation of distribution networks</i> ”, 2024 International Conference on Development and Application Systems DAS, Suceava, Romania, 2024, pp. 8-12, DOI:10.1109/DAS61944.2024.10541254, ISBN 979-8-3503-4929-0.
8	Digă, S.M., Digă, N., Mircea, P.M. , Pătru, I., Bratu C., Dina, L. A., “ <i>Some Considerations on the Dimensioning of Ancillary Service Transformers of Power Plant</i> ”, 2024 International Conference on Applied and Theoretical Electricity ICATE, Craiova, Romania, 2024, pp. 1-6, DOI: 10.1109/ICATE62934.2024.10749111, ISBN 979-8-3503-8810-7.
9	Nitu, M.C., Aciu, A.M., Ștefan, D., Mircea, P.M. , “ <i>The Dehumidification Process and its Influence on the Insulation System Quality Index</i> ”, International Conference on Applied Mathematics & Computer Science ICAMCS, Venice, Italy, 2024, pp. 238-242, DOI: 10.1109/ICAMCS62774.2024.00038, ISBN 979-8-3503-6380-7.
1 0	Voicu, V., Dumbrava, I., Dina, L.A., Mircea, P.M. , “ <i>Measurement of electromagnetic fields in the industrial environment</i> ”, 2024 9th International Conference on Mathematics and Computers in Sciences and Industry (MCSI), Rhodes Island, Greece, 2024, pp. 106-110, DOI: 10.1109/MCSI63438.2024.00025, ISBN:979-8-3503-7722-4, ISSN: 2996-2056.
1 1	Voicu, V., Dina, L.A., Mircea, P.M. , Dumbrava, I., “ <i>Magnetic and Electric Field Measurement Experiments</i> ”, Power Quality and Electromagnetic Compatibility at Low Frequency - PQEMC-LF, 28-30 June 2023, Craiova, Romania, DOI: 10.1109/PQEMC-LF58184.2023.10211641, eISBN:979-8-3503-4133-1, Print on Demand (PoD) ISBN:979-8-3503-4134-8.
1 2	Marin, I., Mircea, P.M. , Butoarca, I.E., Ursu, D., Popescu, F., Mircea, I., “ <i>Technical efficiency of the shunt breaker in case of a single-phase fault close to the power transformation station</i> ”, International Conference on Applied Mathematics & Computer Science - ICAMCS, 8-10 August 2023, Lefkada Island, Greece, IEEE, ISBN: 979-8-3503-2426-6, DOI: 10.1109/ICAMCS59110.2023.00036.
1 3	Voicu, V., Dina, L.A., Dumbrava, I., Mircea, P.M. , Fieraru, I., “ <i>Experiments on the Measurement of the Electromagnetic Field</i> ”, International Conference on Electromechanical and Energy Systems SIELMEN, Craiova, Romania, Chisinau, Republica MOLDOVA, 11-13 October 2023, pp. 1-6, DOI: 10.1109/SIELMEN59038.2023.10290854, eISBN: 979-8-3503-1524-0, Print on Demand (PoD) ISBN: 979-8-3503-1525-7.
1 4	Marin, I., Mircea, P.M. , Ursu, D., Bratu, C., Butoarca, I.E., Mircea, I., „ <i>Influence of the single-phase fault passing resistance on the shunt breaker technical efficiency</i> ”, International Conference on Electromechanical and Energy Systems SIELMEN, Craiova, Romania & Chisinau, Republica MOLDOVA, 11-13 October 2023, pp. 1- 6, DOI: 10.1109/SIELMEN59038.2023.10290736, eISBN: 979-8-3503-1524-0, Print on Demand (PoD) ISBN: 979-8-3503-1525-7.
1 5	Toma, I., Dina, L.A., Mircea, P.M. , Bratu, C., “ <i>Determination of the electrical resistance variation in assemblies type electrical conductor – clamping clamp</i> ”, EMERG, Volume X, Issue 4/2024, pp.7-16,

	ISSN 2668-7003, ISSN-L 2457-5011, DOI:10.37410/EMERG.2024.4.01. Revista BDI.
1 6	Digă, S.M., Digă, N., Mircea, P.M. , Pătru, I., "Considerations on the analysis of the operating characteristics of the horizontal synchronous motors equipping the hydro aggregates in high-power energy pumping stations", Volume X, Issue 3/2024, pp 59 – 74, DOI:10.37410/EMERG.2024.3.04, ISSN 2668-7003, ISSN-L 2457-5011. Revista BDI.
1 7	Dina, L.-A., Voicu, V., Dumbrava, I., Mircea, P.M. , Nicolae, I.D. „Sustainable Maintenance of Conductors in Transmission/Distribution Networks Using Complex Magnetic Field Analysis”, Sustainability 2024, 16, 6659. https://doi.org/10.3390/su16156659 . WOS:001286957100001, eISSN 2071-1050. Revista ISI.
1 8	Nițu, M.C.; Nicolae, I.D.; Dina, L.A.; Mircea, P.M. , „Power Transformer Inrush Current Analysis: Simulation, Measurement and Effects”, Applied Science 2024, 14, 10926. https://doi.org/10.3390/app142310926 , WOS:001376208200001, eISSN 2076-3417. Revista ISI.
1 9	Digă, S. M., Digă, N., Mircea, P. M. , Nicolae, M. Ș., Pătru, I., Dinu, R. C. “Considerations on Electromagnetic Disturbances Produced by LEDs Light Sources”, in Proceedings of The First Workshop of the 2023 Power Quality and Electromagnetic Compatibility at Low Frequency (PQEMC-LF), 28-30 June 2023, Craiova, Romania, DOI: 10.1109/PQEMC-LF58184.2023.10211262, Electronic ISBN:979-8-3503-4133-1, Print on Demand(PoD) ISBN:979-8-3503-4134-8.
2 0	Digă, S. M., Digă, N., Mircea, P.M. , Pătru, I., Nicolae, M. Ș., Mircea, I., “Considerations on Electromagnetic Disturbances Appearing in Electrical Energy Smart Metering Systems”, in Proceedings of The 18-th International Conference on Electrical Machines, Drives and Power Systems ELMA 2023, June 29 - July 1 2023, Varna, Bulgaria, Technically Co-sponsored by IEEE (conference record 58392X), DOI: 10.1109/ELMA58392.2023.10202538, Electronic ISBN: 979-8-3503-1127-3, USB ISBN: 979-8-3503-2810-3, Print on Demand (PoD) ISBN: 979-8-3503-1128-0.
2 1	Digă, S. M., Digă, N., Mircea, P.M. , Nicolae, M. Ș., Mircea, I., “Modern Aspects of Analysis of the Efficient Operation of the Centrifugal Pumps within the Hydropower Facilities with Pumped Storage”, in Proceedings of ATEE 2023 The 13th International Symposium on Advances Topics in Electrical Engineering, March 23-25, 2023, Bucharest, Romania, Technically Co-sponsored by IEEE, DOI: 10.1109/ATEE58038.2023.10108167, eISBN:979-8-3503-3193-6, Print on Demand (PoD) ISBN:979-8-3503-3194-3, eISSN: 2159-3604, PoD ISSN: 2068-7966.
2 2	Diga, S.M., Mircea, P.M. , Diga, N., Buzatu, G.C., Radu, E.D., Bruma, I., “Use of Dedicated Software to Improve the Energy Efficiency of Centrifugal Pumps Drive Induction Motors in Power Plants”, 16TH REGIONAL ENERGY FORUM – FOREN 2022, WEC CENTRAL & EASTERN EUROPE, 12-15 June 2022, Vox Maris Grand Resort, Costinesti, Romania, 13 pg., http://cnr-cme.ro/foren-2022/ , EMERG, Volume VIII, Issue 4/2022, ISSN 2668-7003, ISSN-L 2457-5011. Revista BDI.
2 3	Marin, I., Ursu, D., Mircea, P.M. , Ciontu, M., Mircea, I., “Study of Overvoltages Due to Single Phase Defects in Networks with Insulated Neutral and Shunt Breaker”, 2022 IEEE 20th International Power Electronics and Motion Control Conference (PEMC), 25-28 September 2022, Brasov, Romania. IEEE Explore, pag. 143-149, ISSN: 2473-0165, DOI: 10.1109/PEMC51159.2022.9962932, WOS: 001338023800021.
2 4	Diga, S.M., Patru, I., Diga, N., Mircea, P.M. , Mircea, I., “Aspects of Photometric Calculation and Monitoring of Parameters Related to an Interior Lighting Installation”, Proceedings of 2022 Seventh Junior Conference on Lighting (Lighting 2022 Hybrid Conference), 19-21 September 2022, Sozopol, Bulgaria, DOI: 10.1109/Lighting56379.2022.9929029.
2 5	Digă, S. M., Digă, N., Mircea, P.M. , Pătru, I., Radu, E. D., “Considerations for Some Immunity Tests to the Disturbances to Which LED Luminaires Are Subjected”, 2021 Sixth Junior Conference on Lighting, 23-25 September 2021, Gabrovo, Bulgaria, https://conference.nko.bg/ , IEEE (conference record #49406), DOI: 10.1109/Lighting49406.2021.9599043, Electronic ISBN: 978-1-6654-3792-9 CD: 978-1-6654-3791-2 Print on Demand (PoD) ISBN:978-1-6654-3793-6.
Conf. univ. dr. Florentin Remus MOGONEA	
1	Mogonea, F.R. (2022). School adaptation difficulties in the preparatory grade. Annals of the University of Craiova, Series Psychology- Pedagogy, 44(1), 146-159. DOI: 10.52846/AUCPP.2022.1.13.
2	Mogonea, F.R. , Mogonea, F. (2021). Impact of the COVID-19 pandemic on the burnout syndrome among teachers. Annals of the University of Craiova, Series Psychology-Pedagogy, XX, 43, issue 1, 37-47. Craiova: Editura Universitaria, ISSN 2668-6678, ISSN-L 1582-313X. https://aucpp.ro/wp-

	content/uploads/2021/07/3.-AUC PP 2021 no 43 issue 1 Mogonea FR Mogonea F pp 37-47.pdf.
3	Mogonea, F., Mogonea, F.R. (2021). Equal opportunities in education - a condition of a democratic society. Revista Universitară de Sociologie, XVII(3), 108-116. http://www.sociologiecraiova.ro/revista/wp-content/uploads/2022/01/RUS-3_2021-108-116.pdf .
4	Mogonea, F., Mogonea, F.R. (2021). Adaptive coping strategies and mechanisms used by students to combat pandemic stress, <i>Educția 21 Journal</i> , 21, 78-85. doi: 10.24193/ed21.2021.21.08.
5	Mogonea, F., Mogonea, F.R. (2021). Psycho-social implications of bullying in schools. Ways of prevention and intervention. Revista Universitară de Sociologie, XVII(2), 206-216. http://www.sociologiecraiova.ro/revista/wp-content/uploads/2021/08/19-206-216.pdf .
6	Mogonea, F., Mogonea, F.R. (2020). Ways to stimulate self-education in adolescence, in the context of a society based on lifelong learning. Revista Universitară de Sociologie, XVI (2), 266-278. http://www.sociologiecraiova.ro/revista/wp-content/uploads/2020/12/24.-WAYS-TO-STIMULATE-SELF-EDUCATION-IN-ADOLESCENCE-IN.pdf .
7	Mogonea, F., Mogonea, F.R. (2020). La classe inversée — une option nécessaire dans la formation des enseignants ? Revista Universitară de Sociologie. XVe année, numéro hors-série (2), 40-54. 1841-6578. http://www.sociologiecraiova.ro/revista/wp-content/uploads/2020/03/Numero-hs._2019-1-40-54.pdf .
8	Mogonea, F.R. , Mogonea, F. (2020). From traditional classroom communication to communication in the virtual space. <i>Annals of the University of Craiova, Series Psychology-Pedagogy</i> , XIX, 42, 77-88. Craiova: Editura Universitaria, ISSN 2668-6678, ISSN-L 1582-313X. https://aucpp.ro/wp-content/uploads/2020/12/6.-AUC PP no 42 2020 MOGONEA FR MOGONEA F pp.-77-88.pdf .
9	Mogonea, F.R. (2020). Training today's individual for tomorrow's individual's performance. lifelong learning. <i>Annals of the University of Craiova, Series Psychology-Pedagogy</i> , XIX, 41, 45-61. Craiova: Editura Universitaria. https://aucpp.ro/wp-content/uploads/2020/07/4.-AUC PP no 41 Mogonea FR 45-61.pdf .
10	Mogonea, F., Mogonea, F.R. (2020). Factori și modalități de asigurare a motivației pentru învățare. ACTA ET COMMENTATIONES. Sciences of Education. 3(21), 92-98. DOI: 10.36120/2587-3636.v21i3.92-98.
Conf. dr. ing. Mitică-Iustinian NEACĂ	
1	M.I. Neacă , Solar Tracking System for Several Groups of Solar Panels, 2021 International Conference on Applied and Theoretical Electricity (ICATE), May 2021, Craiova, Romania IEEE: DOI: 10.1109/ICATE49685.2021.9465057 (https://ieeexplore-ieee.org/abstract/9465057)
Conf. dr. ing. Denisa RUȘINARU	
1	D. Rusinaru , G. C. Buzatu, P. M. Mircea, L. G. Manescu, C. Bratu and M. Alba, <i>Application of Power Quality Monitoring for Disturbance and Fault Diagnosis in a Ski Lift Power Supply Installation</i> , 2024 International Conference on Applied and Theoretical Electricity (ICATE), Craiova, Romania, 2024, pp. 1-6, doi: 10.1109/ICATE62934.2024.10749372.
2	D. Rusinaru , M. P. Mircea, C. G. Buzatu, L. G. Mănescu and C. Bratu, "Integration of Electric Vehicles Charging Infrastructure with Renewable Energy Sources in Urban Environments: Modeling and Optimization Perspectives," <i>2024 IEEE International Conference on Electrical Systems for Aircraft, Railway, Ship Propulsion and Road Vehicles & International Transportation Electrification Conference (ESARS-ITEC)</i> , Naples, Italy, 2024, pp. 1-6, doi: 10.1109/ESARS-ITEC60450.2024.10819773.
3	D. Rusinaru ; P.M. Mircea; G.C. Buzatu. <i>Power Quality Impact of Electric Buses' Charging</i> . 2023 Power Quality and Electromagnetic Compatibility at Low Frequency (PQEMC-LF), 10.1109/PQEMC-LF58184.2023.10211420.
Conf. dr. ing. Gheorghe-Eugen SUBȚIRELU	
1	Subțirelu G.E. , Pistol P., Vintila A, Toma C.I. , Digital System for High Power Synchronous Motor Excitation Control, 2024 International Conference on Applied and Theoretical Electricity (ICATE), Craiova, Romania, index BDI:IEEEExplore.
2	Subțirelu G.E. , Pistol P., Vintila A., Constantinescu M.D., Control, Command and Regulation System Based on Virtual Instrumentation for Three-Phase Alternating High Current Source, 2023 International Conference on Electromechanical and Energy Systems (SIELMEN), Chisinau, Moldova, index BDI:IEEEExplore.
3	Subțirelu G.E. , Linca M., Constantinescu M., Advanced System for Power Quality Monitoring, 2022

	22nd International Symposium on Electrical Apparatus and Technologies (SIELA), 01-04 June 2022, Bourgas, Bulgaria, index BDI:IEEEExplore.
4	Subtirelu G.E. , Dobriceanu M., Linca M., Virtual Instrumentation for Power Quality Analysis in the Main Supplying Point at Entrance of an Industrial Consumer, 2021, International Conference on Applied and Theoretical Electricity (ICATE), MAY 27-29, 2021, Craiova, ROMANIA, ISBN 978-1-7281-8035-9, ISSN 2376-4163, WOS:000709089900073.
5	Degeratu S., Subtirelu G.E. , Rotaru A., Bizdoaca N.G., Rotaru P., The electro-mechanical control of element NiTi shape memory alloy strip while bending, based on thermal analysis evidence, JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY 2021, Early Access: AUG 2020, vol. 143, issue 5, page 3805-3815, DOI: 10.1007/s10973-020-10172-5, Jurnal Impact Factor: 4.626. WOS:000563610000003.
6	Dobriceanu M., Bitoleanu A., Subtirelu G.E. , Linca M., Wireless Monitoring System of Energy Parameter for Consumers Without Access to the Low Voltage Line, 2020, IEEE 14th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG), Setubal, Portugal, 8-10 July 2020, IEEE Xplore, Scopus, etc., DOI: 10.1109/CPE-POWERENG48600.2020.9161669 WOS:000621596000038.
7	Degeratu S., Subtirelu G.E. , Rotaru A., Bizdoaca N.G., Rotaru P., The electro-mechanical control of element NiTi shape memory alloy strip while bending, based on thermal analysis evidence, JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY 2021, Early Access: AUG 2020, vol. 143, issue 5, page 3805-3815, DOI: 10.1007/s10973-020-10172-5, Jurnal Impact Factor: 4.626. WOS:000563610000003.
8	Subtirelu G.E. , Degeratu S., Virtual Instrumentation for Study of Shape Memory Alloys Strip while Bending, Analele Universității din Craiova - Seria Inginerie Electrică, 2020, Vol. 44, Nr. 44, pag. 29-35, ISSN 1842 - 4805, index BDI: IndexCopernicus
Ș.I.dr. ing. Cosmin BERCEANU	
1	Berceanu, C. , Chihaiia, C., Marghitu, D.B., Tarnita, D. (2025). Human and Robot Finger Kinematic Analysis Using Wavelet Theory, <i>Acta Technica Napocensis - Series: Applied Mathematics, Mechanics, and Engineering</i> , Vol. 68 (1 & 2), pp.119-124. https://www.webofscience.com/wos/woscc/full-record/WOS:001565922600009 https://atna-mam.utcluj.ro/index.php/Acta/article/view/2706
2	Stanciuc-Otat, O.V., Scholz, B., Dumitru, I., Berceanu, C. (2025), <i>Assessment of the Risk of Injury in Frontal Collision: Comparison Between Real Tests and Simulation, with Analysis of the Worst-Case Scenarios</i> , Proceedings of the 35 th SIAR International Congress of Automotive and Transport Engineering, AUTOMOTIVE MOBILITY, MANAGEMENT AND AUTOMATION, Cluj-Napoca, Romania. https://siarcongress.eu/public/conferences/8/schedConfs/8/program-en_US.pdf
3	Marinescu, G.C., Contoloru, V., Berceanu, C. (2025), <i>Analysis OF Manufacturing Errors in the 3D Printing of Spherical Based Lattice Structures</i> , Proceedings of the 35 th SIAR International Congress of Automotive and Transport Engineering, AUTOMOTIVE MOBILITY, MANAGEMENT AND AUTOMATION, Cluj-Napoca, Romania. https://siarcongress.eu/public/conferences/8/schedConfs/8/program-en_US.pdf
4	Georgescu, M., Tarniță, D., Berceanu, C. , Geonea, I., Tarniță, DN. (2024). <i>Phenomenological Modelling of the Nonlinear Flexion–Extension Movement of Human Lower Limb Joints</i> . In: Pisla, D., Carbone, G., Condurache, D., Vaida, C. (eds) <i>Advances in Service and Industrial Robotics</i> . RAAD 2024. Mechanisms and Machine Science, vol 157. Springer, Cham. https://doi.org/10.1007/978-3-031-59257-7_18 https://link.springer.com/chapter/10.1007/978-3-031-59257-7_18
5	Berceanu, C. , Duță, A., Popa, D., Didu, A. (2023), <i>Considerations regarding the shape definition of an anthropomorphic robotic hand-arm system</i> , MoNGeometrija 2023: Geometry, Graphics and Design in the Digital Age : The 9th International Scientific Conference on Geometry and Graphics : [June 7-10,

	Novi Sad, Serbia : Proceedings]. https://books.google.ro/books/about/MoNGeometrija_2023.html?id=3kQx0AEACAAJ&redir_esc=y
6	Popa, D., Berceanu, C. , Marinescu, G., Contoloru, V., Duță, A., Vintilă, D., Călin, D., Buciu, G. (2023), <i>Virtual Simulations of some Human Anatomical Systems</i> , MoNGeometrija 2023: Geometry, Graphics and Design in the Digital Age : The 9th International Scientific Conference on Geometry and Graphics : [June 7-10, Novi Sad, Serbia : Proceedings]. https://books.google.ro/books/about/MoNGeometrija_2023.html?id=3kQx0AEACAAJ&redir_esc=y
Ș. I. dr. ing. Cristian BRATU	
1	Digă, S. M., Năvrărescu, V., Digă, N., Bratu, C. , Mircea, P. M., Considerations on the Harmonic Regime Produced by the Faults Appeared in the Medium Voltage Networks with the Neutral Treated by Extinguishing Coil, Proceedings of International Conference on Applied and Theoretical Electricity (ICATE 2021), May 27-29, 2021, Craiova, Romania, (IEEE Conference Record #49685), https://elth.ucv.ro/icate/icate20/ , DOI: 10.1109/ICATE49685.2021.9465063, ISSN: 2688-0962, ISBN 978-1-7281-8035-9.
2	Digă, S. M., Digă, N., Bratu, C. , Nicoleanu, P., Vochescu G., Considerations for measuring the electromagnetic interference of LEDs projectors with the supply electrical network, in Proceedings of 2020 Fifth Junior Conference on Lighting (Lighting 2020 Online), 24-26 September 2020, Ruse, Bulgaria, pp. 1-4, https://conference.nko.bg/conference/ , technically cosponsored by IEEE (#47792), DOI: 10.1109/Lighting47792.2020.9240594, IEEEExplore.
Ș. I. dr. ing. Gabriel-Cosmin BUZATU	
1	Buzatu, G. C. , Mircea, P. M., Bratu, C., Ursu, D., Butoarca, E., Chera Gh., Possibilities to Improve Energy and Economic Efficiency for an Overhead Transformer Station and Related Network, Proceedings of International Conference on Applied and Theoretical Electricity (ICATE 2021), May 27-29, 2021, Craiova, Romania, (IEEE Conference Record #49685), https://elth.ucv.ro/icate/icate20/ , DOI: 10.1109/ICATE49685.2021.9465012, ISSN: 2376-4163, ISBN 978-1-7281-8035-9.
Lect. dr. Răzvan-Alexandru CĂLIN	
1	Călin, R.A. (2023). <i>Strategies for managing negative emotions in school</i> . în volumul Annals of University of Craiova, Series Psychology – Pedagogy, XXII, 2023, no. 45, Issue 2, <i>Supplement</i> , Editura Universitaria Craiova, ISSN 2668-6678, ISSN-L 1582-313X – pp. 138-147, https://aucpp.ro/wp-content/uploads/2024/02/12.CALIN_AUC_PP_2023_no_45_issue_2_Supplement_pp_138-147.pdf
2	Călin, R.A. (2023). About kindness as a character trait. An exploratory study. în volumul Annals of University of Craiova, Series Psychology – Pedagogy, XXII, 2023, no. 45, Issue 2, Editura Universitaria Craiova, ISSN 2668-6678, ISSN-L 1582-313X – pp. 70-79, https://aucpp.ro/wp-content/uploads/2023/12/6.-CALIN_AUC_PP_2023_no_45_issue_2_pp_70-79.pdf
3	Călin, R.A. (2023). <i>TV Advertising as a Consumer Education Tool in the current romanian society</i> , în SSERR - Social Sciences and Education Research Review, Volume 10 Issue 1 / 2023, pp. 87-92, Craiova, (ISSN 2393-1264; ISSN-L 2392-9863), https://doi.org/10.5281/zenodo.8151091 https://sserr.ro/wp-content/uploads/2023/07/sserr-10-1-87-92.pdf
4	Călin, R.A. (2022). <i>The fascinating professor. A point of view</i> . în volumul Annals of University of Craiova, Series Psychology – Pedagogy, XXI, 2022, no. 44, Issue 1, Editura Universitaria Craiova, ISSN 2668-6678, ISSN-L 1582-313X – pp. 128-136 https://aucpp.ro/wp-content/uploads/2022/07/AUC_PP_2022_no_44_issue_1.pdf
Ș.I. dr. ing. Radu-Cristian DINU	
1	Radu Cristian Dinu , Felicia Elena Stan Ivan, Adelaida Mihaela Duinea, Florin Ravigan, <i>Modeling and Simulation of the Variation of the Thermal Flux Yielded by a Medium Temperature Radiant Panel Using Matlab - Simulink</i> , 2024 International Conference on Applied and Theoretical Electricity, ICATE 2024, 24-26 october 2024, Craiova, DOI: 10.1109/ICATE62934.2024.10749409, https://ieeexplore.ieee.org/document/10749409
2	Radu Cristian Dinu , Felicia Elena Stan Ivan, Gabriel Cosmin Buzatu, <i>Comparative Analysis Concerning the Use of the Thermal Potential of Combustion Gases in Industrial Cogeneration Systems</i> , Analele Universității din Craiova, seria Inginerie Electrică, Nr. 48, Volumul 1, 2024, ISSN 1842-4805, https://journals.indexcopernicus.com/search/details?id=769

3	Radu Cristian Dinu , Felicia Elena Stan Ivan, Silvia Maria Digă, Dan Gabriel Stănescu, <i>Influence of Thermal Agent Production Method on Thermal Energy Costs</i> , 2 Proceedings of 2023 International Conference on Electromechanical and Energy Systems, SIELMEN 2023, 11-13 october 2023, Craiova, DOI: 10.1109/SIELMEN59038.2023.10290847, https://ieeexplore.ieee.org/document/10290847
4	Radu Cristian Dinu , Daniela Popescu, Ioana Gabriela Sîrbu, Dan Gabriel Stănescu, <i>Modeling of Thermal Comfort Parameters in Residential Buildings</i> , Analele Universității din Craiova, seria Inginerie Electrică, Nr. 44, Volumul 1, 2020, ISSN 1842-4805, https://scholar.google.com/citations?view_op=view_citation&hl=en&user=QnE6iUAAAAAJ&citation_for_view=QnE6iUAAAAAJ:M3ejUd6NZC8C
Ș.I. dr. ing. Alin-Iulian DOLAN	
1	Alin-Iulian Dolan , <i>Exhaustive optimization method based on screening and zoom techniques applied to an electromagnetic device</i> , Proceedings of the XV-th International Conference on Electromechanical and Power Systems (SIELMEN 2025), October 15-17, pp. 1-6, Iasi-Chisinau, 2025 (in press)
2	Alin-Iulian Dolan , <i>Useful Experiment Based Formulas for Estimating the Heating of Crimped Connections</i> , Proceedings of the XIV-th International Conference on Electromechanical and Power Systems (SIELMEN 2023), October 11-13, pp. 1-5, Craiova-Chisinau, 2023, https://doi.org/10.1109/SIELMEN59038.2023.10290769
3	Alin-Iulian Dolan , <i>Optimization by Zooms without and with Second-Order Polynomial Models Applied to a 2-D Simulation</i> , Proceedings of the XV-th IEEE International Conference on Applied and Theoretical Electricity (ICATE 2024), pp. 1-6, Craiova, Romania, October 24-25, 2024, https://doi.org/10.1109/ICATE62934.2024.10748944
4	Alin-Iulian Dolan , <i>Polynomial Models used in Optimization by Design of Numerical Experiments</i> , Annals of the University of Craiova, Series: Electrical Engineering, No. 48, Issue 1, pp. 46-54, 2024, Universitaria Publishing House, https://doi.org/10.52846/AUCEE.2024.07
5	Alin-Iulian Dolan , <i>Estimation of the Heating of Crimped Connections Based on Experimental Tests</i> , Annals of the University of Craiova, Series: Electrical Engineering, No. 47, Issue 1, pp.28-34, 2023, Universitaria Publishing House, https://doi.org/10.52846/AUCEE.2023.05
6	Alin-Iulian Dolan , <i>Exhaustive Optimization Method Applied on Electromagnetic Device</i> , Annals of the University of Craiova, Series: Electrical Engineering, No. 46, Issue 1, pp. 34-41, 2022, Universitaria Publishing House, https://doi.org/10.52846/AUCEE.2022.06
7	Alin-Iulian Dolan , Constantin-Florin Ocoleanu, <i>Impact of Experimental Measurements Accuracy on Validation Process of Crimped Connections</i> , Annals of the University of Craiova, Series: Electrical Engineering, No. 45, pp. 16-23, 2021, Universitaria Publishing House, https://doi.org/10.52846/AUCEE.2021.1.03
8	Alin-Iulian Dolan , Constantin-Florin Ocoleanu, <i>Influence of Experimental Measurements Accuracy on Connector Resistance Factor for Crimped Connections</i> , Proceedings of the XV-th IEEE International Conference on Applied and Theoretical Electricity (ICATE 2021), pp. 1-5, Craiova, Romania, May 27-29, 2021, https://doi.org/10.1109/ICATE49685.2021.9465020
Lect. dr. Mădălina DRĂGOI	
1	M. Drăgoi , Degradation of some azo dyes Fenton process. An overview, <i>Analele Univ. Craiova, Seria Chimie</i> , 2023, XLIX (1), 13-19.
2	M. Drăgoi , Degradation of methyloange by Fenton reagent, <i>Simpozionul Național de Chimie</i> , Craiova, 27 octombrie 2023.
3	M. Drăgoi , Fenton degradation of azo dyes, An overview, <i>Analele Univ. Craiova, Seria Chimie</i> , 2022, XLVIII (2), 73-80.
4	M. Drăgoi , C. Ionescu, A. Moanță, C. Tigae, I. Jenic, S. D. Neamțu, Degradation of Methyl blue by Fenton process, <i>Analele Univ. Craiova, Seria Chimie</i> , 2021, XLVII (2), 53-59.
5	M. Drăgoi , A. Moanță, C. Ionescu, I. Jenic. Degradarea colorantului Eriocrom Cianin R, <i>Simpozionul Național de Chimie</i> , Craiova, 27 noiembrie 2021.
Ș. I. dr. ing. Adelaida-Mihaela DUINEA	
1	Adelaida Mihaela Duinea Felicia-Elena Stan-Ivan, Anca Petrisor,, „Numerical solution of the heat conductnace equation”, SIELMEN 2023, the 14th International Conference on Electromechanical and Energy Systems, Chișinău, Republica Moldova, 12-13 Octombrie 2023
2	Duinea Mihaela-Adelaida , Stan-Ivan Felicia-Elena, Dinu Radu-Cristian, Mărgineanu Alina-Daniela,

	Andreea Maria Neacă „Operational Scenarios for Power Plants in the Context of Reducing the Use of Solid Fuel”, 2025, International Conference on Electromechanical and Energy Systems, SIEMEN 2025, 16-17 october 2025
3	Duinea A.M. , Stan-Ivan Felicia-Elena, „Technical-economic analysis of the solution for modernizing low voltage distribution electrical networks”, Journal of Sustainable Energy, VOL. 12, NO. 1, JUNE, 2021, pag. 34-39, ISSN 2067-5534 © 2021 JSE
4	Duinea A.M. , Stan Ivan F.E., “ Solution for modernizing the public street lighting system with led type lamps and remote management”, Journal Of Sustainable Energy VOL. 12, NO. 2, JUNE, 2021, pag. 71-76, ISSN 2067-5534 © 2021 JSE
5	N. Digă, V. Năvrăpescu, S. M. Digă, A. M. Duinea , G. Vochescu, <i>Modern Aspects of Calculation and Analysis of the Operating Regimes of Centrifugal Pumps Driven by Induction Motors, Within the Ancillary Services of Thermoelectric Power Plants</i> , 15TH REGIONAL ENERGY FORUM WEC CENTRAL & EASTERN EUROPE REGIONAL ENERGY FORUM – FOREN 2020 Online, 07-10 September 2020, Section no: 3. Energy efficiency: solutions, costs, benefits, Bucharest, Romania, 10 pg., http://cnr-cme.ro/foren-2020/ , acceptată spre publicare în EMERG Serie nouă (EMERG Energy - Environment - Efficiency - Resources - Globalization, Quarterly publication of Romanian National Committee of World Energy Council (WEC/RNC) and The General Association of Engineers in Romania (AGIR) ISSN), AGIR Publishing House Bucharest, 2020, www.emerg.ro , www.cnr-cme.ro/publicatii/emerg (BDI).
6	A. Istrate, M. Bică, A. M. Duinea , <i>Compression ignition engine – solutions for reducing pollutant emissions</i> ACME2020, The 6 th International Conference on Advanced Concepts in Mechanical Engineering, June 4-5 2020, Iasi, Romania, (BDI)
Lector univ. dr. Aurelia FLOREA	
1	Analysis of a Class of Kolmogorov Systems, Nonlinear Analysis: Real World Applications, G.Tigan, C.Lazureanu, F.Munteanu, C.Sterbeti, A. Florea, vol. 57, February 2021, 103202.
2	Methods for Predicting the Future Evolution of GHG Emissions by Domains, Contemporary Issues in Social Science, ISBN: 978-1-80043-931-3, eISBN: 978-1-80043-930-6, Publication date: 25 May 2021
3	G.Tigan, A. Florea C.Lazureanu, F.Munteanu, C.Sterbeti Bifurcation diagrams in a class of Kolmogorov systems, Nonlinear Analysis: Real World Applications, , 2020 Journal Nonlinear Analysis: Real World Applications, Article number 103154, Our reference NONRWA_103154, PII S1468-1218(20)30072-9., 12 May 2020.
4	A. Florea, Cristian Lăzureanu, A Mathematical Model of Infectious Disease Transmission, TM Web Conf. Volume 34, 2020, International Conference on Applied Mathematics and Numerical Methods – third edition (ICAMNM 2020) Article Number 02002, Number of page(s) 8, Section- Applied Mathematics and Numerical Methods, DOI https://doi.org/10.1051/itmconf/20203402002 , Published online 03 December 2020
S.I. dr. ing. Laura Diana GRIGORIE	
1	Geonea, I.; Racila, L.; Dumitru, I.; Grigorie, L. ; Romanescu, A.; Rosca, S.; Tarnita, D. Kinematic and Dynamic Analysis of a New Prototype Exoskeleton for Human Lower Limb Rehabilitation, Robotics and Mechatronics ISRM, Springer, 2024
2	I. GEONEA, N. DUMITRU, C. COPILUSI, L. GRIGORIE , D. TARNITA, Kinematics and Design of a New Leg Exoskeleton for Human Motion Assistance, Mechanisms and Machine Science Conference Paper, 2023, Publisher Springer Science and Business Media, ISBN 978-303129814-1, Mechanisms and Machine Science Volume 124 MMS Pages 199 – 208 DOI: 10.1007/978-3-031-29815-8_20
3	I. GEONEA, D. TARNITA and L. GRIGORIE , Kinematic and Dynamic Analysis of an Exoskeleton Robotic System, The Joint International Conference of the 13 th IFToMM Symposium on Science of Mechanism and Machines (SYROM) and the XXV International Conference on Robotics (ROBOTICS), Iași, România, November 18-18,2022, Publisher Springer Science and Business Media, ISBN 978-303125654-7, Mechanisms and Machine Science, Volume 127, Pages 187 – 196, DOI 10.1007/978-3-031-25655-4_20
4	Oncescu, T.A.; Persu, C.; Dumitru, I.; Grigorie, L. ; Prunoiu, D.; Tarnita, D, Influence of the road type on the whole body vibrations transmitted to the driver of an electric tractor, Acta Technica Napocensis,

	APPLIED MATHEMATICS, MECHANICS, and ENGINEERING, vol 65, nr. 2S, dec 2022
Lector universitar dr. Diana MARCU	
1	Balanescu, E.O., Marcu, D. 2025. <i>Students' Needs and Expectations in ESP Classes: A Case Study</i> , Revista de Stiinte Politice no. 87/2025, pp. 59-75, ISSN 2344-4452 (online); ISSN-L 1584-224X; indexare EBSCO; ProQuest; Index Copernicus; ERIH PLUS; CEEOL; KVK; etc.
2	Marcu, Diana. 2024. <i>Perspectives on ESL Acquisition for Adult Learners in Romania</i> , Analele Universitatii din Craiova, seria Stiinte filologice, Limbi Straine Aplicate, anul XX, nr. 1/2024, ProUniversitaria, ISSN: 1841-8074, DOI: 10.52744/AUCSFLSA.2024.01.37, pp. 345-352; indexare CEEOL; ERIH PLUS; Fabula
3	Marcu, Diana. 2023. <i>The Integration of Communicative Functional Language into English for Engineering Courses</i> , Analele Universitatii din Craiova, seria Stiinte filologice, Limbi Straine Aplicate, anul XIX, nr. 1/2023, ProUniversitaria, ISSN: 1841-8074, DOI: 10.52744/AUCSFLSA.2023.01.32; pp. 335-342; indexare CEEOL; ERIH PLUS; Fabula
4	Marcu, Diana. 2022. <i>On How to Improve Oral Fluency in Technical English</i> , Analele Universitatii din Craiova, seria Stiinte filologice, Limbi Straine Aplicate, anul XVIII, nr. 1/2022, ProUniversitaria, ISSN: 1841-8074, DOI: 10.52744/AUCSFLSA.2022.01.27; pp. 262-268; CEEOL
5	Marcu, Diana. 2021. <i>Testing and Assessing Proficiency in English for Specific Purposes</i> , Analele Universitatii din Craiova, seria Stiinte filologice, Limbi Straine Aplicate, anul XVII, nr. 1/2021, ProUniversitaria, ISSN: 1841-8074; pp. 148-155; B+
6	Marcu, Diana. 2021. <i>Online Teaching and Learning – a New Reality</i> , Journal of Social Sciences, vol. IV, no. 2 (2021), pp.43-50, ISSN 2587-3490; eISSN 2587-3504, https://doi.org/10.52326/jss.utm.2021.4(2).04 ; indexare DOAJ; ROAD; CEEOL; Index Copernicus; ZENODO; ERIH PLUS, etc.
7	Marcu, Diana. 2021. <i>Meeting the Goals: Enhancing English Language Skills for Students in Engineering</i> , Revista de Stiinte Politice no. 72/2021, pp. 133-141, ISSN 2344-4452 (online); ISSN-L 1584-224X; indexare EBSCO; ProQuest; Index Copernicus; ERIH PLUS; CEEOL; KVK; etc.
8	Marcu, Diana. 2020. <i>The Post-communist Era: „the bloom” of ESP in Romania</i> , Revista de Stiinte Politice, no. 66/2020, pp. 117-126, ISSN 2344-4452 (online); ISSN-L 1584-224X; indexare EBSCO; ProQuest; Index Copernicus; ERIH PLUS; CEEOL; KVK; Google Scholar h-index 8; etc.
9	Participant la CEPOS International Conference, 10th Ed., <i>After Communism. East and West under Scrutiny</i> , lucrare prezentata „The Post-Communist Era – the Bloom of ESP in Romania”. 28 martie 2020, Craiova – certificat de participare nr. 80/28.03.2020
Lect.dr. Emilian MORÎNTALE	
1	Sunset Yellow: physical, thermal and bioactive properties of the widely employed food, pharmaceutical and cosmetic orange azo-dye material, Marian Leulescu, Ion Pălărie, Andrei Rotaru, Anca Moanță, Nicoleta Cioateră, Mariana Popescu, Gabriela Iacobescu, Emilian Morîntale , Mihaela Bojan, Maria Ciocîlteu, Iulian Petrișor, Petre Rotaru, Journal of Thermal Analysis and Calorimetry, 2023/2, Volume 148, Nr.4, Pages 1265-1287
2	Azorubine: physical, thermal and bioactive properties of the widely employed food, pharmaceutical and cosmetic red azo dye material, Marian Leulescu, Andrei Rotaru, Anca Moanță, Gabriela Iacobescu, Ion Pălărie, Nicoleta Cioateră, Mariana Popescu, Marius Cătălin Criveanu, Emilian Morîntale , Mihaela Bojan, Petre Rotaru, Journal of Thermal Analysis and Calorimetry, 2021/3, Volume 143, 3945-3967
Lect. univ. dr. Iulian NEGRU	
1	Saliu Saliu Solange Odile, Bizdadea Constantin, Cioroianu Eugen Mihăiță, Negru Iulian , On D = 8 vertices in a collection of non-standard topological BF theories, Annals of the University of Craiova, Physics AUC 31 (2021), 93-111
Ș. I. dr. ing. Anca PETRISOR	
1	Lidia Cristina Bazavan; Horatiu Roibu; Daniela Coman; Anca Petrisor; Nicu George Bizdoaca, <i>Rapid Maintenance based improved design for omnidirectional controlled wheels for VirtuSphere system</i> , : 18-22 October 2023, DOI: 10.1109/SIITME59799.2023.10430736
Ș.I. dr. ing. Ioana-Gabriela ȘIRBU	
1	M. Grib, I.-G. Sirbu , L. Mandache, M. Stanculescu, M. Iordache, L. Bobaru and D. Niculae, <i>Generation Algorithms for Thévenin and Norton Equivalent Circuits</i> , Energies 2025, vol 18, issue 6, pp. 1-18, https://doi.org/10.3390/en18061344 , WOS:001453861100001

2	I.-G. Sîrbu , L. Mandache, D.G. Stanescu, M.E Ardeleanu, Mathematical Considerations Regarding the Maximum Power Transfer in Inductive Power Transfer Circuits, 2024 International Conference on Applied and Theoretical Electricity (ICATE), October 24-26, 2024, Craiova, Romania, pp. 1-8 (IEEEXplore), DOI: 10.1109/ICATE62934.2024.10749273;
3	I.-G. Sîrbu , L. Mandache, Mathematical Aspects on the Phase Shift Network of RC Oscillators, 2024 International Conference on Applied and Theoretical Electricity (ICATE), October 24-26, 2024, Craiova, Romania, pp. 1-6 (IEEEXplore), DOI: 10.1109/ICATE62934.2024.10749092;
4	L. Mandache, I.-G. Sîrbu , D.-G. Stanescu, M.-E. Ardeleanu, On the Analysis of Power Chain and Dynamics of Electric Cars, 2024 9th International Conference on Energy Efficiency and Agricultural Engineering (EE&AE 2024), 27 - 29 June, 2024, Ruse, Bulgaria, pp.1-6 (IEEEXplore), DOI: 10.1109/EEAE60309.2024.10600520, WOS:001298137300028;
5	I.-G. Sîrbu , L. Mandache, D.G. Stanescu, M.E Ardeleanu, Series-Series Versus Series-Parallel in Terms of Stability Issues for Inductive Power Transfer Systems, 2024 24th IEEEIC International Conference on Environment and Electrical Engineering 8th I&CPS Industrial and Commercial Power Systems Europe (IEEEIC 2024), June 17-20, 2024, Rome, Italy, pp.1-6 (IEEEXplore), DOI: 10.1109/IEEEIC/ICPSEurope61470.2024.10751576
6	I.-G. Sîrbu , L. Mandache, D.G. Stanescu, M.E Ardeleanu, Analysis of Inductively Coupled Circuits in Terms of Stability Issues, 2023 10th International Conference on Electrical and Electronics Engineering (ICEEE 2023), May 8-10, 2023, Istanbul, Turkey, pp.312-316, (IEEEXplore), DOI: 10.1109/ICEEE59925.2023.00063
7	I. G. Sîrbu , Aspects Regarding the Improvement of the Constant-k Filter Performances, 2022 9th International Conference on Electrical and Electronics Engineering (ICEEE 2022), March 29-31, 2022, Alanya, Turkey, pp.18-22, (IEEEXplore) DOI: 10.1109/ICEEE55327.2022.9772594, WOS:000852441800005
8	I. G. Sîrbu , L. Mandache, Discrete Analysis of Electric Circuits in Transient Regime with Z-Transform, The 12th International Symposium on Advanced Topics in Electrical Engineering (ATEE), March 25-27, 2021, Bucharest, Romania, p. 1-6 (IEEEXplore), DOI: 10.1109/ATEE52255.2021.9425254, WOS:000676164800115;
9	I.-G. Sîrbu , D.-G. Stănescu, M.-E. Ardeleanu, Simulation Model for a Rogowski Cord Measurement System, 2020 IEEE 20th International Conference on Environment and Electrical Engineering and 4th Industrial and Commercial Power Systems Europe (IEEEIC), June 09-12, 2020, Madrid, Spain, p. 1812-1817 (IEEEXplore), DOI: 10.1109/IEEEIC/ICPSEurope49358.2020.9160582;
10	L. Mandache, A. Marinescu, I.-G. Sîrbu , Lumped Circuit Model of High-Frequency Power Transformers for Time-Domain Analysis, 2020 7th International Conference on Energy Efficiency and Agricultural Engineering (EE&AE), 12th - 14th November, 2020, Ruse, Bulgaria, p.1-4 (IEEEXplore), DOI: 10.1109/EEAE49144.2020.9279021;
11	I. G. Sîrbu , New Theoretical Aspects on Two-Port Boucherot Circuits, 2020 IEEE International Women in Engineering (WIE) Conference on Electrical and Computer Engineering (WIECON-ECE), 26-27 December 2020, Bhubaneswar, India, 452-455 (IEEEXplore), DOI: 10.1109/WIECON-ECE52138.2020.9398014, WOS:000671104100106;
Ș. I. dr. ing. Felicia-Elena STAN IVAN	
1	Stan-Ivan Felicia-Elena , Duinea Mihaela-Adelaida, Dinu Radu-Cristian, Buzatu Gabriel-Cosmin, Bratu Cristian, Mircea Paul-Mihai, „ <i>Analizing the impact of cooling systems on the performance of fotovoltaic panels</i> ”, 2025, International Conference on Electromechanical and Energy Systems, SIELMEN 2025, 16-17 october 2025
2	Stan-Ivan, F., E., Dinu, R.C., Duinea, A., M., „ <i>Modeling and Simulation of Unit Heat Flux and Temperatures for a Multilayer Wall Using Ansys</i> ”, 2024 International Conference on Applied and Theoretical Electricity, ICATE 2024, 24-26 october 2024, Craiova, DOI: 10.1109/ICATE62934.2024.10748633, https://ieeexplore.ieee.org/document/10748633
3	Felicia Elena Stan Ivan , Radu Cristian Dinu, Adelaida Mihaela Duinea, „ <i>Numerical simulation of heat transfer through uniform multilayer wall using ANSYS</i> ”, WSEAS Transactions on Heat and Mass Transfer, Volume 18, 2023, pages 325-331, E-ISSN: 2224-3461, DOI: 10.37394/232012.2023.18.28
4	Felicia-Elena Stan-Ivan , Cosmin Gabriel Buzatu, Adelaida Mihaela Duinea, „ <i>Numerical modeling of two dimensional conduction for different wall structures</i> ”, SIELMEN 2023, The 14th International

	Conference on Electromechanical and Energy Systems, Chişinău, Republica Moldova, 12-13 Octombrie 2023
5	Felicia-Elena Stan-Ivan , Anca Petrisor, Adelaida Mihaela Duinea, „ <i>Numerical solution of the heat conductnace equation</i> ”, SIELMEN 2023, The 14th International Conference on Electromechanical and Energy Systems, Chişinău, Republica Moldova, 12-13 Octombrie 2023
6	Stan-Ivan Felicia-Elena , Radu Cristian Dinu, Adelaida Mihaela Duinea, „ <i>Modeling of Thermal Transfer Parameters by Transparent Construction Elements</i> ”, Analele Universităţii din Craiova, SERIA: Inginerie Electrică, Anul 2022, No. 46, Vol. 46, Issue 1, ISSN 1842-4805 e ISSN 2971-9852; DOI: 10.52846/AUCEE.2022.05
S.I. dr. ing. Dan Gabriel STĂNESCU	
1	D.G. Stănescu , I.G. Sîrbu, A. Vanvu, L. Mandache, M.E. Ardeleanu, M. Iacob, “Aspects Regarding the Design, Realization and Testing of an ONAN Special Transformer Used in the Electrical Distribution Networks”, ID187, Proc.of the 15th Int. Conf. on Electromechanical and Power Systems - SIELMEN 2025, 15 October 2025 Iasi/ 16-17 October Chisinau, Rep. Moldova, p.1-5 (în curs de indexare IEEE Xplore).
2	D.G. Stănescu , I.G. Sîrbu, A. Vanvu, M.E.Ardeleanu, L. Mandache, M .Iacob, “Aspects Regarding the Testing of an ONAN Distribution Transformer with a Special Construction”, Proc. of the 2024 Int. Conf. on Applied and Theoretical Electricity (ICATE), Oct. 24-26, Craiova, Romania, pp.1-5 BDI: IEEE Xplore. DOI: 10.1109/ICATE62934.2024.10748911 .
3	M.E. Ardeleanu, I. Mihalcea, D.G. Stănescu , I.G. Sîrbu, A.M. Stuparu, ”Study on Specific Tests for Low-Voltage Electrical Equipment”, Proc. Of the 10th Int. Conference on Modern Power Systems (MPS), pp. June 21-23,2023, Cluj-Napoca, Romania, BDI: IEEE Xplore. DOI: 10.1109/MPS58874.2023.10187453 .
4	M.E. Ardeleanu, A. Scornea, D.G., Stănescu , I.M. Burciu, I.G. Sîrbu, “Current Issues Regarding the Analysis of the Physico-Chemical and Electrical Properties of Transformer Oil”, in Analele Univeristatii din Craiova, Seria Inginerie Electrica, nr. 46, vol.46, Fasc 1, 2022, ISSN 1842-4805, pp.19-25, Index Coprenicus. https:// DOI:10.52846/AUCEE.2022.04
5	M.E. Ardeleanu, D.G Stănescu ,. A. Scornea, I.G. Sîrbu ,” Modern Methods of Analysing the Transformer Oil”, Proc. of the the 13th Int. Conf. on Electromechanical and Energy Systems (SIELMEN), Oct. 7-8, 2021, Chisinau, Moldova, pp.1-5,BDI: IEEE Xplore. DOI: 10.1109/SIELMEN53755.2021.9600296 .
6	D.G. Stănescu , M.E. Ardeleanu, I.G. Sîrbu, R.C. Dinu, S. Naciu, “The Simulation of Li-Ion Batteries Using Series-Parallel Cells in Different Modes of Operation”, Proc. of the 9th Int. Conf. on Modern Power Systems (MPS), Jun. 16-17, 2021, Cluj- Napoca, Romania, pp.1-5, BDI: IEEE Xplore. DOI: 10.1109/MPS52805.2021.9492556 .
7	M.E. Ardeleanu, A. Scornea, D.G. Stănescu , I.G. Sîrbu, “Experimental Determinations of the Influence of Environmental Factors on the Electrical Properties of Some Composite Materials”, Proc. of the 2021 Int. Conf. on Applied and Theoretical Electricity (ICATE), May 27-29, Craiova, Romania, BDI: IEEE Xplore. DOI: 10.1109/ICATE49685.2021.9464939 .
8	Ardeleanu M.E., Scornea A., Stănescu D.G., Sîrbu I.G., “Experimental Analysis of Composite Materials Behaviour at Fire”, Proc. Of the Int. Symposium of Fundamentals Electrical Engineering, ISFEE 2020, Nov. 05-07, 2020, Bucuresti,Romania, BDI: IEEE Xplore. DOI: 10.1109/ISFEE51261.2020.9756147 .
Lector Dr Catalin STERBETI	
1	Dragos-Patru Covei, Traian A.Parvu, C.Sterbeti , <i>A Population Model with Pseudo-exponential Survival</i> , Carpathian J.Math, Volume 40 (2024), 627-641, https://semnul.com/carpathian/wp-content/uploads/2024/04/carpathian_2024_40_3_627_641.pdf
2	Dragos-Patru Covei, Traian A.Parvu, C.Sterbeti , <i>The Equilibrium Solutions for a Nonlinear Separable Population Model</i> , https://www.mdpi.com/2227-7390/12/2/273
3	Munteanu, F., Grin, A., Musafirov, E., Pranevich, A., Şterbeţi , C., About the Jacobi Stability of a Generalized Hopf–Langford System through the Kosambi–Cartan–Chern Geometric Theory, Symmetry, 2023, 15 (3), pp. 598 (13 pages), ISSN 2073-8994, https://www.mdpi.com/2073-8994/15/3/598
4	Pranevich, A., Grin, A., Musafirov, E., Munteanu, F., Sterbeti , C., Non-Autonomous First Integrals of Autonomous Polynomial Hamiltonian Systems, Proc. of International Workshop QUALITDE – 2022, December 17 – 19, 2022, Tbilisi State University Press, Georgia, 2022, E ISSN 1512-3391, pp. 174-178.

	https://rmi.tsu.ge/eng/QUALITDE 2022/Pranevich Grin Musafirov Munteanu Sterbeti workshop 2022.pdf
5	Musafirov, E., Grin, A., Pranevich, A., Munteanu, F., Sterbeti, C. , 3D Quadratic ODE systems with an infinite number of limit cycles, ITM Web of Conferences 49, pp. 02006 (6 pages), 2022, Proc. of Int. Conf. Appl. Math. Num. Meth.-Fourth Ed. (ICAMNM 2022). https://doi.org/10.1051/itmconf/20224902006
6	Pranevich, A., Grin, A., Musafirov, E., Munteanu, F., Sterbeti, C. , Conditional Partial Integrals of Polynomial Hamiltonian Systems, International Workshop on the Qualitative Theory of Differential Equations QUALITDE – 2021, Dedicated to the 130th birthday anniversary of Academician N. Muskhelishvili, December 18 – 20, 2021, Tbilisi, Georgia, pp. 163-167, 2021, http://rmi.tsu.ge/eng/QUALITDE-2021/Pranevich et al workshop 2021.pdf
7	G.Tigan, C. Lazureanu, F.Munteanu, C.Sterbeti, A. Florea, <i>Bifurcation diagrams in a class of Kolmogorov systems</i> , Nonlinear Analysis: Real World Applications, 56, 103154, 1-14, 2020, https://www.sciencedirect.com/science/article/pii/S1468121820300729?via%3Dihub
8	G.Tigan, C. Lazureanu, F.Munteanu, C.Sterbeti, A. Florea, <i>Analysis of a class of Kolmogorov systems</i> , Nonlinear Analysis: Real World Applications, 56, 103202, 17p., 2020 https://www.sciencedirect.com/science/article/pii/S1468121820301206?via%3Dihub#!
9	C.Sterbeti, <i>On a Model of Population with Age Structure</i> , International Conference on Applied Mathematics and Numerical Methods- third edition (ICAMNM 2020), 9p., published online in 03 December 2020 https://doi.org/10.1051/itmconf/20203402010
Lect. univ. dr. Laurențiu-Emanuel TEMEREANCĂ	
1	I. Roventa, L.E. Temereancă, M.A. Tudor , An application of moment method to uniform boundary controllability property of a semidiscrete 1-d wave equation with a lower rate vanishing viscosity, <i>Journal of Differential Equations</i> 389 (2024), 1-37.
2	I. Roventa, L.E. Temereancă, M.A. Tudor , Weighted Ingham's type inequalities via the positivity of quadratic polynomials, <i>Aequationes Mathematicae</i> 98 (3) (2024), 865-883.
3	S. Micu, C. Nița, L.E. Temereancă , Null controllability properties of the heat equation with memory, <i>PROCEEDINGS OF THE ROMANIAN ACADEMY, Series A</i> 22 (1) (2021), 11-18.
4	C. Nița și L. Temereancă , Finite dimensional null-controllability of a fractional parabolic equation, <i>Annals of University of Craiova - Mathematics and Computer Science Series</i> 47 (2020), 397-413.
5	C. Nița, L. Temereancă , Well-posedness of the linear heat equation with a second order memory term, ITM Web of Conferences, (2020), 34:03011, DOI:10.1051/itm/20203403011
6	I. Roventa, L.E. Temereancă, M.A. Tudor , A note on weighted Ingham's inequality for families of exponentials with no gap, 24th International Conference on System Theory, Control and Computing (ICSTCC) (2020), 43-48, doi: 10.1109/ICSTCC50638.2020.9259770
7	International Conference on Applied Mathematics and Numerical Methods, Craiova, Romania, October 29-31, 2020, <i>Controllability properties of the heat equation with a memory term</i>
Asist. drd. ing. Dragos CIRCIUMARIU	
1	D. Circiumaru , Low-Cost Agricultural Robotics: An AI-Enabled Autonomous Rover , 2025 IEEE 31st International Symposium for Design and Technology in Electronic Packaging (SIITME) – <i>in curs de publicare</i>
Asist. dr. ing. Mihăiță-Daniel CONSTANTINESCU	
1	M. Constatinescu, M. Popescu, V. Suru , “Comparative Analysis of Two Methods of Calculating the Prescribed Current in a Shunt Active Filtering System”, <i>Annals of the University of Craiova, Electrical Engineering series</i> , No. 45, Craiova, Romania ISSN 1842-4805, 2021, https://elth.ucv.ro/fisiere/anale/wp-content/uploads/2022/01/7-2021.pdf , pg 46-51.
2	M. Constatinescu, M. Popescu, V. Suru , “Implementation Of Conservative Power Theory In The Control Of Active Power Filters”, <i>ANNALS of Faculty Engineering Hunedoara – International Journal of Engineering Fascicule 3</i> , Hunedoara, Romania, 2022, https://annals.fih.upt.ro/pdf-full/2022/ANNALS-2022-3-06.pdf , pg 49-54.

3	M. Constatinescu , M. Popescu, C. Toma, V. Suru.” Comparative Analysis in the Case of Indirect Current Control in a Shunt Active Filtering System “, Annals of the University of Craiova, Electrical Engineering series, No. 46, Craiova, Romania ISSN 1842-4805, 2022, https://elth.ucv.ro/fisiere/anale/wp-content/uploads/2023/01/AUCV-EES_2022_complet.pdf , pg 56-62.
4	M. Constatinescu , M. Popescu, E. Subțirelu, C. Toma. ”Modelling, Simulation and Implementation on dSpace 1103 of the Direct Power Control in a Three-Phase Shunt Active Power Filter System”, Annals of the University of Craiova, Electrical Engineering series, No. 47, Craiova, Romania ISSN 1842-4805, 2023, https://elth.ucv.ro/fisiere/anale/2023/11-2023.pdf , pg 69-75.
5	M. D. Constantinescu , M. Popescu, G. -E. Subțirelu and I. -C. Toma, "Application of the Direct Power Control in a Three-Phase Shunt Active Power Filter System," 2023 International Conference on Electromechanical and Energy Systems (SIELMEN), Craiova, Romania, 2023, pp. 1-6, https://ieeexplore.ieee.org/document/10290862 doi: 10.1109/SIELMEN59038.2023.10290862.
6	M. -D. Constantinescu , M. Linca and G. -E. Subțirelu, "On the Influence of the DC-voltage on the Performance of the Active Power Filter," 2022 22nd International Symposium on Electrical Apparatus and Technologies (SIELA), Bourgas, Bulgaria, 2022, pp. 1-4, doi: 10.1109/SIELA54794.2022.9845791. https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=9845791
7	M. D. Constantinescu , M. Popescu, M. Lincă, I. -C. Toma and F. Ravigan, "Real-Time Implementation of Direct Current Control Strategies for Active Power Filtering Using dSPACE," 2025 International Conference on Electromechanical and Energy Systems (SIELMEN), Iasi, Romania, 2025, pp. 586-591, doi: 10.1109/SIELMEN67352.2025.11260661.
Asist. dr. ing. Iurie NUCA	
1	Dusan Kostic, Ileana Diana Nicolae, Iurie Nuca , Petre Marian Nicolae. “Analyzing the Influence of Harmonic Parameters on Accuracy Indices When Applying Wavelet Transform”. In Annals of the University of Craiova, Electrical Engineering series, No. 46, Issue 1, 2022; ISSN 1842-4805, pp. 69-78 - (CNCSIS B+ category journal)
2	Iurie Nuca , Ilie Nuca; Petru Todos, Vadim Cazac, Dusan Kostic, “Power Quality Indices Of Six--Phase Asynchronous Motor Drive Prototype” Annals of the Faculty of Engineering Hunedoara - International Journal of Engineering . Nov 2022, Issue 4, ISSN: 1584-2665, p171-174.
3	I. Nuca , M. Bușe, P. -M. Nicolae and M.Ș. Nicolae, "Improving Power Quality and Electromagnetic Compatibility in Railway Electric Traction Drives: Hardware and Software Solutions," proceedings of International Conference on Electromechanical and Energy Systems (SIELMEN), Iași, Romania, 2025, (to be published).
4	D. Kostic, L. Wan, A. H. Beshir, I. Nuca , P. -M. Nicolae and F. Grassi, "Black-Box Model of a Single-Phase Industrial Variable Frequency Drive," 2024 IEEE International Symposium on Electromagnetic Compatibility, Signal & Power Integrity (EMC+SIPI), Phoenix, AZ, USA, 2024, pp. 441-445, doi: 10.1109/EMCSIPI49824.2024.10705582.
5	M. -Ș. Nicolae, F. -F. Bîzîc, N. -L. Sirbu, I. Nucă and R. -C. Presură, "Remote Health Monitoring System to Prevent the Spread of Contagious Viruses," 2023 International Conference on Electromechanical and Energy Systems (SIELMEN), Craiova, Romania, 2023, pp. 1-4, doi: 10.1109/SIELMEN59038.2023.10290766.
6	Iurie Nuca , L. Wan, P.-M. Nicolae, A. Netoiu, A. Popescu, D.Kostic, I.-D. Nicolae, "Design of Proportional-Resonant Control for Current Harmonic Compliance in Electric Railway Power Systems," 2023 IEEE Symposium on Electromagnetic Compatibility & Signal/Power Integrity (EMC+SIPI), Grand Rapids, MI, USA, 2023, pp. 13-17, doi: 10.1109/EMCSIPI50001.2023.10241757.
7	Iurie Nuca , L. Wan, D. Kostic, P.-M. Nicolae, I.-D. Nicolae, " Comparison of the Current Harmonic Pollution of Asynchronous Motor Drives With Field Oriented Control and Direct Torque Control," in proc. of 2023 Electromagnetic Compatibility Europe Symposium (EMC EU), Krakow, Poland, 2023, doi: 10.1109/EMCEurope57790.2023.10274291.
8	Iurie Nuca , L. Wan, P.-M. Nicolae, I.-D. Nicolae, F. Grassi and X. Wu, "Analysis of Common Mode Currents and Harmonic Pollution at Supplying Induction Motors from Static Converters with Variable Modulation Frequency," 2023 Power Quality and Electromagnetic Compatibility at Low Frequency (PQEMC-LF), Craiova, Romania, 2023, pp. 57-60, doi: 10.1109/PQEMC-LF58184.2023.10212014.
9	P.-M. Nicolae, M. Voinea, I. Sorin and Iurie Nuca , "About Analysis of Emissions from a Switched

	Mode Power Supply," 2023 Power Quality and Electromagnetic Compatibility at Low Frequency (PQEMC-LF), Craiova, Romania, 2023, pp. 49-52, doi: 10.1109/PQEMC-LF58184.2023.10211676
1 0	P. -M. Nicolae, I. -D. Nicolae, Iurie Nuca and M. -S. Nicolae, "Determination of Electromagnetic Noise from a Power Supply Substation of Railway Traction Systems," in Proc. 2022 IEEE International Symposium on Electromagnetic Compatibility & Signal/Power Integrity (EMCSI), Spokane, WA, USA, 2022, pp. 619-624, doi: 10.1109/EMCSI39492.2022.9889567. (Indexed in the ICI Journals Master List 2021 - ICV 2021: 100.00).
1 1	Adrian Hurezeanu, Iurie Nuca , Ileana Diana Nicolae, Lucian Cristian Scărlătescu, Petre –Marian Nicolae. "About the Distorting Regime Induced by an Electronic Induction Heating System". 2021 Asia-Pacific International Symposium on Electromagnetic Compatibility (APEMC), Nusa Dua - Bali, Indonesia, 2021, pp. 1-4, doi: 10.1109/APEMC49932.2021.9597162.
1 2	Iurie Nuca , Dusan Kostic, Petre-Marian Nicolae, Ilie Nuca*, Vadim Cazac, Marcel Burduniuc. "Harmonic Decomposition and Power Quality Analysis of a Six-Phase Induction Motor Traction Drive with Fast Fourier Transform". 2021 13th International Conference on Electromechanical and Energy Systems – online conference, pp. 433-437. 6-8 October 2021. Romania – Iași, Moldova – Chișinău, DOI: https://doi.org/10.1109/SIELMEN53755.2021.9600295
1 3	Iurie Nuca, Petre-Marian Nicolae, Ilie Nuca, Alexandr Motroi, Vitalie Eșanu, "Power Quality and Electromagnetic Interference in a Trolleybus Traction Sistem," 2020 International Symposium on Electromagnetic Compatibility - EMC EUROPE, 2020, pp. 1-5, doi: 10.1109/EMCEUROPE48519.2020.9245641.
Asist. univ. dr. Mădălina OSICEANU	
1	A. Matei and M. Osiceanu . A variational formulation governed by two bipotentials for a frictionless contact model, <i>Mathematical Modelling and Analysis</i> 29(1): 109—124, 2024. doi: 10.3846/mma.2024.17944 .
2	A. Matei and M. Osiceanu . Weak solvability via bipotentials and approximation results for a class of bilateral frictional contact problems, <i>Communications in Nonlinear Science and Numerical Simulation</i> 119: 107135, 2023. doi: 10.1016/j.cnsns.2023.107135.
3	A. Matei and M. Osiceanu . Weak solvability via bipotentials for contact problems with power-law friction, <i>Journal of Mathematical Analysis and Applications</i> 524(1): 127064, 2023. doi: 10.1016/j.jmaa.2023.127064.
4	A. Matei and M. Osiceanu . Two-Field Weak Solutions for a Class of Contact Models, <i>Mathematics</i> 10(3): 369, 2022. doi: 10.3390/math10030369.
5	A. Matei and M. Osiceanu . Two-field variational formulations for a class of nonlinear mechanical models, <i>Mathematics and mechanics of solids</i> 27(11):2532–2547, 2022. doi: 10.1177/10812865211066123.
Asist.univ.dr. Amalia- Raluca STEPAN	
1	Cosma M.A.C., Chiracu A., Burileanu A.H., Stepan A.R. , Cosma G.A., Brăbiescu- Călinescu L., Ene-Voiculescu C. (2025). Differential and Correlational Aspects of (Un)Healthy Habits in Students and their Links to Life Satisfaction. <i>Revista Românească pentru Educație Multidimensională</i> , 17(1).
2	Albină A. E., Cosma M.A., Stepan A.R. , Ion L., Cosma G.A. (2025). <i>The role of self-efficacy in sport for achieving performance</i> . Bulletin of the Transilvania, <i>Sciences of Human Kinetics (în curs de publicare)</i> .
3	Stepan A.R., Chiracu, A., Cosma G.A. (2024). Career expectation differences between social sciences and physical education students. <i>Annals of the University of Craiova, Psychology-Pedagogy Series</i> , 46(2), 298-311.
4	Cosma G.A., Chiracu A., Ene-Voiculescu C., Zăvăleanu M., Brădeanu A., Stepan A.R. , Cosma A. (2024). Quality of Life Among University Students, <i>Journal of Sport and Kinetic Movement</i> , 1(43), 4-14
5	Brădeanu, A., Stepan, A. R. , Jurcă, M. O., & Burcea, B. (2024). The self-perceived level of physical fitness of romanian professional handball female players. <i>Journal of Sport & Kinetic Movement</i> , 1(43).
6	Doană A., Cosma G., Burileanu I., Stepan A. R. , Teodor D. F. (2023). Improving the physical condition of people with down syndrome, by using exercises specific to the colpbol game, <i>Science, Movement and Health</i> , 23(2), 521-528.
7	Popescu D., Cosma A.M., Stepan R. , Cosma G.A. (2023). The role and importance of physical exercise on the aggression level of high school students, Bulletin of the Transilvania, <i>Sciences of Human Kinetics</i> ,

	16(65), 89-96.
8	Gatzel R., Ion L., Stepan A-R. , Brădeanu A., Burcea G. B., Cosma G.-A. (2023). Perception of the transformational leadership at elite romanian handball players. <i>Science, Movement and Health</i> , 23(1), 26-34.
9	Burileanu, H. A., Munteanu, R. V., Stepan, A. R., & Cosma, G. A. (2023). The Role of Isoinertial Training in Improving Lower Limbs Strength. <i>Bulletin of the Transilvania University of Braşov. Series IX: Sciences of Human Kinetics</i> , 41-46.
1 0	Nicolae, D., Văduva, M., Iancu, A., Ion, L., Stepan, R. (2023). Athletes' Perception Regarding the Level of Physical Training and the Importance of the Coach-Athlete Relationship <i>Science, Movement and Health</i> , 23(2), 154- 161.
1 1	Chiracu, A., Cosma, G. A., Stepan, A. R., Cosma, M. A., Corlaci, I., Călugăru, E. D. C., ... & Avramescu, T. (2023). Psychological capital, quality of life, and well-being in mother caregivers of individuals with down syndrome. <i>Frontiers in Psychology</i> , 14, 1145104.
1 2	Chiracu, A., Golu, F., Get, W., Stepan A- R. (2022). Quality of Life during COVID-19 Pandemic in a Romanian Sample. <i>Public Health Open Access</i> , 6(2): 000216.
1 3	COSMA, G. A., BURILEANU, I., BURILEANU, A., BĂZĂVAN, A., & STEPAN, A. R. (2022). THE IMPACT OF PHYSICAL EXERCISE ON COORDINATION CAPACITIES AND BODY SCHEMA IN PEOPLE WITH DOWN SYNDROME. <i>Ovidius University Annals, Series Physical Education & Sport/Science, Movement & Health</i> , 22.
1 4	Cosma, G.-A., Popescu, E.D., Stepan A-R. , Predoiu, A. (2022). Study Regarding the Introduction of Modern Technology in the Physical Education Class. <i>Discobolul – Physical Education, Sport and Kinetotherapy Journal</i> , 61(1), 23-34.
1 5	Ion, L., Orănescu, D., Stepan A-R. , Stăncescu C. (2022). Study regarding the level of manifestation of attention and reaction time in junior basketball players. <i>Journal of Sport and Kinetic Movement</i> , 1(39), 56-63.
1 6	Cosma, G.-A., Chiracu, A., Stepan R-A. , Barbu, D., Brăbescu-Călinescu, M.L., Voinea, F., Orănescu, D., Țifrea, C., Munteanu, R.-V. (2021). Job Insecurity and Work Meaning among Romanian Sports Coaches. <i>Applied Sciences</i> , 11, 11862. https://doi.org/10.3390/app112411862
1 7	Cosma, G.-A., Chiracu, A., Stepan, A.R. , Cosma, M.A., Nanu, M.C., Voinea, F., Bibi, K.W., Păunescu, C., Haddad, M. (2021). COVID-19 Pandemic and Quality of Life among Romanian Athletes. <i>Int. J. Environ. Res. Public Health</i> 2021, 18, 4065. COVID-19 Pandemic and Quality of Life among Romanian Athletes
1 8	Cosma, G.-A., Chiracu, A., Stepan, A-R. , Gatzel, R., Iancu, A., Cosma, A. (2021). Sportsmanship and basic psychological needs in sports students. <i>Baltic Journal of Health and Physical Activity</i> , 13(1), 53-65.
1 9	Florin, V., Cosma, G., Stepan, R. , Cosma, A., Chiracu, A., Munteanu, R. (2021). Dark triad and aggression in a sport students romanian sample. <i>Science, Movement and Health</i> , 21(2), 210 – 218.
2 0	Doană, A., Stepan, A.R. , Popescu, D., Cosma, G. Dance As A Means Of Social Inclusion For People With Down Syndrome. (2021). 7 th International Conference of the Universitaria Consortium in Pysical Education, Sports and Physiotherapy, 10.13140/RG.2.2.17905.20327.
2 1	Iancu, A., Stepan, A. R. , Cosma, A., Cosma, G. Job Satisfaction And Romanian Athletes' Commitment. (2021). 7 th International Conference of the Universitaria Consortium in Pysical Education, Sports and Physiotherapy, 10.13140/RG.2.2.17905.20327.
2 2	Barbu M.C.R., Stepan R. , Barbu D., Forțan C., Brăbescu Călinescu L., Cosma M.A. (2021). Sports activities for people with Down Syndrome. <i>Journal of Sport and Kinetic Movement</i> , 37 (1), 35-51.
2 3	Barbu, M.C.R., Stepan, A.R. , Stepan, O.M., Sandu, I.E., Diaconescu, D.L., Mălăescu, A.M., Popescu, M.C. (2021). Labor market in the context of the evolution of the situation generated by the Covid-19 pandemic. Forecast study. <i>Annals of the „Constantin Brâncuși” University of Târgu Jiu, Economy Series</i> , 1,139-148. https://www.utgjui.ro/revista/ec/pdf/2021-01/20_Barbu.pdf
2 4	Barbu, M.C.R., Stepan, A.R. , Stepan, O.M., Popescu, S.S., Diaconescu, D.L., Păsărin, L.D., Popa, M.G., Popescu, M.C. (2020). Employability of graduates in the field of physical education and sport, studies programs “Physical and sports education” and “Kinetotherapy” in the southwest region of Oltenia. <i>Annals of the „Constantin Brâncuși” University of Târgu Jiu, Economy Series</i> , 6,48-56. https://www.utgjui.ro/revista/ec/pdf/2020-06/08_Barbu.pdf

2 5	Cosma, G., Chiracu, A., Stepan, R. , Cosma, A., Nanu, C., Păunescu, C. (2020). Impact of coping strategies on sport performance. <i>Journal of Physical Education and Sport</i> , 20(3), 1380 – 1385. https://efsupit.ro/images/stories/mai2020/Art%20190.pdf
Asist. dr. ing. Cosmin-Ionuț TOMA	
1	C. -I. Toma , M. Popescu and I. -C. Popa, "Communication Protocols for Energy Activity Monitoring in Transformer Substations," 2025 International Conference on Electromechanical and Energy Systems (SIELMEN), Craiova, Romania, 2025 -in proces de publicare.
2	C. -I. Toma , M. Popescu, M. -D. Constantinescu and G. -E. Subțirelu, "Wireless Communication for SCADA System of a Railway Electrical Substation," <i>2024 International Conference on Applied and Theoretical Electricity (ICATE)</i> , Craiova, Romania, 2024, pp. 1-6.
3	C.-I. Toma , M. Popescu, M. D. Constantinescu, C. G. Buzatu, „Remote Communication in the Substation's SCADA System,” <i>Annals of the University of Craiova, Electrical Engineering series</i> , no. 48, issue 1, 2024, ISSN 1842-4805, link: https://elth.ucv.ro/fisiere/anale/?p=1866 , pg. 81-94.
4	C. -I. Toma , M. Popescu and I. -C. Popa, "Application of SCADA System in an Electrical Substation and Remote Terminal Unit Parametrization," <i>2023 International Conference on Electromechanical and Energy Systems (SIELMEN)</i> , Craiova, Romania, 2023, pp. 1-6.
5	C.-I. Toma , M. Popescu, M. D. Constantinescu, C. G. Buzatu, „Configuration of SCADA System Graphical User Interface for Electrical Station,” <i>Annals of the University of Craiova, Electrical Engineering series</i> , no. 47, issue 1, 2023, ISSN 1842-4805, link: https://elth.ucv.ro/fisiere/anale/?p=1784 , pg. 88-94.
6	C.-I. Toma , M. Popescu, M. D. Constantinescu, I. C. Popa, „Application of Electrical Substation, Ring Topology versus Star Topology”, <i>Annals of the University of Craiova, Electrical Engineering series</i> , no. 46, issue 1, 2022, ISSN 1842-4805, link: https://elth.ucv.ro/fisiere/anale/wp-content/uploads/2023/01/AUCV-EES_2022_complet.pdf , pg 63-68.
drd. Băzăvan Amalia Georgeta	
1	Doană, A. G., Cosma, G. A., Burileanu, I., Stepan, A. R., Teodor, D. F. (2023). Improving the Physical Condition of People with Down syndrome, by using Exercises Specific to the Colpbol Game. <i>Ovidius University Annals, Series Physical Education & Sport/Science, Movement & Health</i> , 23(2) 521-528.
2	Cosma, G. A., Burileanu, I., Burileanu, A., Băzăvan, A., Stepan, A. R. (2022). The Impact Of Physical Exercise On Coordination Capacities And Body Schema In People With Down Syndrome. <i>Ovidius University Annals, Series Physical Education & Sport/Science, Movement & Health</i> , 22.
3	Popescu, E. D., Cosma, G. A. Doană A. (2021). The use of physical education in improving the fitness of the students and young people. <i>Journal of Sport and Kinetic Movement</i> ; 37 (1):52-56