UNIVERSITATEA DIN ORADEA
FACULTATEA DE INGINERIE ENERGETICĂ ŞI MANAGEMENT INDUSTRIAL
DEPARTAMENTUL DE INGINERIE ENERGETICĂ
http://www.energetica-oradea.ro/

RAPORT DE AUTOEVALUARE
pentru perioada 2019-2023
(evaluare periodică)

CENTRUL DE CERCETARE
"MANAGEMENTUL PROCESELOR ENERGETICE"

ORADEA, Februarie 2024

Cuprins RAE

Anexa 1A

I. Prezentarea Centrului de Cercetare în conformitate cu HG 551 / 2007 (până la apariţia unor reglementări legislative în domeniu)

RAE pentru activitatea desfăşurată în perioada 2019 – 2023

1.DATE DE AUTENTIFICARE / IDENTIFICARE ALE UNITĂŢII DE CERCETARE – DEZVOLTARE

1.1.	**Denumirea**
	CENTRUL DE CERCETARE: **MANAGEMENTUL PROCESELOR ENERGETICE**
1.2.	**Statutul Juridic**
	Centru de cercetare din cadrul Universităţii din Oradea
1.3.	**Actul de infiintare**
	Titlul
	CENTRUL DE CERCETARE de interes local integrat în cadrul Facultăţii Inginerie Energetica si Management Industrial
	Data emiterii
	Ianuarie 2008
	Organul emitent
	Consiliul Cercetării al Universităţii din Oradea
	Modificari ulterioare
	Centru de cercetare de Interes Local, atestat intern prin certificatul Nr. 5775/27.05.2014
1.4.	**Nr. din inregistrare in Registrul potentialilor contractori**
	1155
1.5.	**Director**
	Şef lucrări dr. Moldovan Vasile
1.6.	**Adresa**
	Str. Universitatii nr. 1, cod 410087
1.7.	**Tel, Fax, Pagina web, E-mail**
	www.uoradea.ro, email: moldovan@uoradea.ro

2. DOMENIUL

2.1.	**Conform clasificarii UNESCO**
	33. STIINTE TEHNOLOGICE
2.2.	**Conform clasificarii CAEN**
	71, 72, 73, 58

3. STAREA UNITĂŢII DE CERCETARE – DEZVOLTARE

3.1.	**Misiunea unitatii de cercetare dezvoltare, directiile de cercetare, dezvoltare, inovare**
	Coordonarea, gestionarea şi valorificarea activităţilor de cercetare cu caracter fundamental şi aplicativ, în următoarele direcţii (colective de cercetare): • Calitatea şi fiabilitate sistemelor energetice (FSE); • Eficienţa proceselor energetice (EPE); • Impactul proceselor energetice asupra mediului (IPEAM); Formarea şi perfecţionarea resurselor umane dedicate gestionării adecvate a proceselor energetice, în cadrul şcolilor de masterat şi doctorat.
3.2.	**Modul de valorificare a rezultatelor de cercetare, dezvoltare,inovare si gradul de recunoastere a acestora**
	Valorificarea rezultatelor cercetărilor se face prin: publicare de lucrări ştiinţifice şi tratate de specialitate, dotarea laboratoarelor, autoinstruire şi învăţarea cursanţilor, organizarea unor conferinte internationale care sa includa si tematica de cercetare a centrului.

4. CRITERII PRIMARE DE PERFORMANŢĂ

4.1. Lucrări stiintifice/tehnice publicate în reviste de specialitate cotate ISI

4.1.1 Numar de lucrari stiintifice: 25, punctaj 25x 30 puncte = 750 puncte

Nr. crt.	Data publicarii		Autor(i)	Titlul articolului	Revista ISI	ISSN	Factorul de impact al revistei
	An	Luna					
1).	2023	01	**Bendea, G.**, Felea, I., Hora, C., Bendea, C., **Felea A.**, Blaga A.	Energy performance analysis of a heat supply system of a university campus	Energies, Volume 16, Issue 1 https://www.mdpi.com/journal/energies https://doi.org/10.3390/en16010174	1996-1073	FI2022=3,2
2).	2023	05	Bungău, C.C., Hanga Prada, F.I., Bungău, T., Bungău, C., **Bendea, G.**, Prada, M.F.	Web of science scientometrics on the energy efficiency of buildings to support sustainable construction policies	Sustainability, Volume 15, Issue 11 https://www.mdpi.com/journal/sustainability https://doi.org/10.3390/su15118772	2071-1050	FI2022=3,9
3).	2023	12	A. Simo, **S. Dzitac,** A. Duţu, I. Pandelica	Smart Agriculture in the Digital Age: A Comprehen-sive IoT-Driven Greenhouse Monitoring System	International Journal of Computers Communications & Control https://univagora.ro/jour/index.php/ijccc/index https://doi.org/10.15837/ijccc.2023.6.6147	1841-9836	FI2022=2,7
4).	2023	10	Olimpia-Iuliana Ban, **Simona Dzitac,** Attila Simó and Adrian Florea	Romania residents' attitude investigation toward the transition to renewable energy sources through importance-performance analysis	Sustainability https://www.mdpi.com/journal/sustainability https://doi.org/10.3390/su152014790	2071-1050	FI2022=3,9
5).	2023	02	Dumitru, Cristian-Dragoș, Adrian Gligor, Ilie Vlasa, Attila Simo, and **Simona Dzitac**	Energy Contour Forecasting Optimization with Smart Metering in Distribution Power Networks	Sensors https://www.mdpi.com/journal/sensors https://doi.org/10.3390/s23031490	1424-8220	FI2022=3,9
6).	2022	11	Badea GE, **Hora C.,** Maior I, Cojocaru A., **Secui DC**, Filip SM, Dan FC	Sustainable Hydrogen Production from Seawater Electrolysis: Through Fundamental Electrochemical Principles to the Most Recent Development	Energies https://www.mdpi.com/journal/energies https://doi.org/10.3390/en15228560	1996-1073	FI 2021=3,252
7).	2022	08	**Hora C,** Dan FC., **Rancov N.**, Badea GE, **Secui C**	Main Trends and Research Directions in Hydrogen Generation Using Low Temperature Electrolysis: A Systematic Literature Review	Energies https://www.mdpi.com/journal/energies https://doi.org/10.3390/en15166076	1996-1073	FI 2021=3,252
8).	2022	03	**Secui DC, Rancov N**	Hybrid Sine–Cosine Algorithm with Flower Pollination Algorithm for Economic Dispatch Problem with Valve-Point Effects and Wind Power Integration	Arabian Journal for Science and Engineering 47(3) https://www.springerprofessional.de/en/archive/journal/13369 https://doi.org/10.1007/s13369-021-06295-y	2193-567X	FI 2021=2.807
9).	2022	01	**Hora C**, Dan FC, **Bendea G, Secui DC**	Residential Short-Term Load Forecasting During Atypical Consumption Behavior	Energies https://www.mdpi.com/journal/energies https://doi.org/10.3390/en15010291	1996-1073	FI 2021=3,252
10)	2022	12	A Simo, **S Dzitac**, G E Badea, **D Meianu**	Smart Agriculture: IoT-based Greenhouse Monitoring System	International Journal of Computers Communications & Control https://univagora.ro/jour/index.php/ijccc/	1841-9844	FI 2021=2,635

					https://doi.org/10.15837/ijccc.2022.6.5039		
11)	2022	05	GI Oros, **Simona Dzitac**	Applications of Subordination Chains and Fractional Integral in Fuzzy Differential Subordinations	Mathematics https://doi.org/10.3390/math10101690	2227-7390	FI 2021=2,592
12)	2022	02	Simo A, **Dzitac S**, Dzitac D	First Responders' Localization and Health Monitoring During Rescue Operations	International Journal of Computers Communications & Control https://doi.org/10.15837/ijccc.2022.1.4665	1841-9844	FI 2021=2,635
13)	2021	12	**Dzitac S**, Deac D, Nadaban S, Oros H	Fuzzy Normed Linear Spaces: A General View	International Journal of Computers Communications & Control https://doi.org/10.15837/ijccc.2020.4.3891	1841-9844	FI 2020=2,293
14)	2021	12	Badulescu D, Simut R, Mester I, **Dzitac S**, Sehleanu M, Bac D, Badulescu A	Do economic growth and environment quality contribute to tourism development in EU countries? A panel data analysis	Technological and Economic Development of Economy https://doi.org/10.3846/tede.2021.15781	2029-4913	FI 2020=3,97
15)	2021	07	**Dzitac S**., Nadaban S	Soft Computing for Decision-Making in Fuzzy Environments: A Tribute to Professor Ioan Dzitac	Mathematics https://doi.org/10.3390/math9141701	2227-7390	FI 2020=2,258
16)	2021	07	Simo A, **Dzitac S**, Dzitac I, Frigura-Iliasa M, Frigura-Iliasa FM	Air quality assessment system based on self-driven drone and LoRaWAN network	Computer Communications https://doi.org/10.1016/j.comcom.2021.04.032	0140-3664	FI 2020=3,167
17)	2020	02	**Secui DC**, **Hora C, Bendea G, Bendea C**	Parameter estimation using a modified whale optimization algorithm for input-output curves of thermal and hydro power plants	International Transactions on Electrical Energy Systems, Vol: 30, Issue: 2, Article Number: e12188, Published: FEB 2020 https://doi.org/10.1002/2050-7038.12188	2050-7038	FI2020=2.86
18)	2020	09	Birouas, Flaviu Ionut; Tarca, Radu Catalin, **Dzitac Simona**, Dzitac Ioan	Preliminary Results in Testing of a Novel Asymmetric Underactuated Robotic Hand Exoskeleton for Motor Impairment Rehabilitation	Symmetry 2020, 12(9),1470; https://doi.org/10.3390/sym12091470	2073-8994	FI 2019=2,645
19)	2020	06	Simo A; **Dzitac S**; Frigura-Iliasa F M; Musuroi S; Andea P; **Meianu D**	Technical Solution for a Real-Time Air Quality Monitoring System	International Journal of Computers Communications & Control, 15(4), 3891, 2020, https://doi.org/10.15837/ijccc.2020.4.3891	1841-9844	FI 2019=2,093
20)	2020	08	Stanojević B; **Dzitac S**; Dzitac I	Fuzzy Numbers and Fractional Programming in Making Decisions	International Journal of Information Technology & Decision Making Vol. 19, No. 4 (2020) 1123–1147, World Scientic Publishing Company; https://doi.org/10.1142/S0219622020300037	1793-6845	FI 2019=1,894
21)	2020	02	Stanojević B; **Dzitac S**; Dzitac I	Crisp-linear-and Models in Fuzzy Multiple Objective Linear Fractional Programming	International Journal of Computers Communications & Control, 15(1), 1005, 2020. https://doi.org/10.15837/ijccc.2020.1.3812	1841-9844	FI 2019=2,093
22)	2020	05	Alina Badulescu, Daniel Badulescu, Ramona Simut, **Simona Dzitac**	Tourism – Economic Growth Nexus. The Case of Romania	Technological and Economic Development of Economy ISSN: 2029-4913 / eISSN: 2029-4921 2020 Volume 26 Issue 4: 867–884 https://doi.org/10.3846/tede.2020.12532	2029-4913	FI 2019=2,194

23)	2019	09	E. Kuantama, R.Tarca, **S. Dzitac**, I.Dzitac, T.Vesselenyi, I.Tarca	The Design and Experimental Development of Air Scanning Using a Sniffer Quadcopter	Sensors 2019, 19(18), 3849; https://doi.org/10.3390/s19183849	1424-8220	FI2018= 3,031
24)	2019	09	Ioan Felea, Marius Lolea, **S Dzitac**	A Fuzzy Approach for the Treatment of the Human Diseases Resulting from Exposure to Electromagnetic Fields	Studies in Informatics and Control, vol. 28(3), pp. 299-308, https://doi.org/10.24846/v28i3y201906	1220-1766	FI2018=1,347
25)	2019	02	Turskis, Z, **Dzitac, S**; Stankiuviene, A; Sukys, R,	A Fuzzy Group Decision-making Model for Determining the Most Influential Persons in the Sustainable Prevention of Accidents in the Construction SMEs	International Journal Of Computers Communications & Control, Volume: 14 Issue: 1 Pages: 90-106, http://dx.doi.org/10.15837/ijccc.2019.1.3364	1841-9836	FI2018=1,585

Obs. Toate date din tabel sunt pe propria raspundere a membrilor centrului

4.1.3 Numar de citari in reviste de specialitate cotate ISI (citari in perioada de raportare, indiferent când si unde a fost publicat articolul citat): 347 punctaj 347x 5 puncte =1735

Nr. Crt.	Articolul Citat (An/Luna/Autori/Titlu Articolului/Revista/ISSN)	Articolul care citează					
		Data Publicarii		Autor(i)	Titlul Articolului	Revista ISI	ISSN
		An	Luna				
1.	Bungău CC, Hanga Prada FI, Bungău T, Bungău C, Bendea G, Prada MF, Web of science scientometrics on the energy efficiency of buildings to support sustainable construction policies, Sustainability, Volume 15, Issue 11 (May 2023), ISSN 2071-1050	2023	09	Zhang, J.X.; Asutosh, A.T.	A Sustainability Analysis Based on the LCA-Emergy-Carbon Emission Approach in the Building System	Applied Sciences - Basel	2076-3417
2.	Sorin Nădăban, Simona Dziţac, Ioan Dzitac, Fuzzy TOPSIS: A General View, Procedia Computer Science, Volume 91, 2016, Pages 823–831, 4th International Conference on Information Technology and Quantitative Management (ITQM), Asan, Korea, 2016, Elsevier, Proc. ISI	2023	12	Beheshtinia, MA; Kahoo, SJ; Fathi, M	Prioritizing healthcare waste disposal methods considering environmental health using an enhanced multi-criteria decision-making method	Environmental pollutants and bioavailability	2639-5932
3.	Sorin Nădăban, Simona Dziţac, Ioan Dzitac, Fuzzy TOPSIS: A General View, Procedia Computer Science, Volume 91, 2016, Pages 823–831, 4th International Conference on Information Technology and Quantitative Management (ITQM), Asan, Korea, 2016, Elsevier, Proc. ISI	2023	12	Yadav, AK; Singh, K ;Ahmadian, A	ECCANS: Enhanced CRITIC-based Context-Aware Network Selection algorithm for 5G HetNet	Sustainable energy technologies and assessments	2213-1388
4.	Sorin Nădăban, Simona Dziţac, Ioan Dzitac, Fuzzy TOPSIS: A General View, Procedia Computer Science, Volume 91, 2016, Pages 823–831, 4th International Conference on Information Technology and Quantitative Management (ITQM), Asan, Korea, 2016, Elsevier, Proc. ISI	2023	11	Cilali, B; Rocco, CM and Barker, K	Multi-objective decision trees with fuzzy TOPSIS: Application to refugee resettlement planning	Journal of multi-criteria decision analysis	1057-9214
5.	Sorin Nădăban, Simona Dziţac, Ioan Dzitac, Fuzzy TOPSIS: A General View, Procedia Computer Science, Volume 91, 2016, Pages 823–831, 4th International Conference on Information Technology and Quantitative Management (ITQM), Asan, Korea, 2016, Elsevier, Proc. ISI	2023	10	Ihsan, M; Saeed, M and Rahman, AU	An intuitionistic fuzzy hypersoft expert set-based robust decision-support framework for human resource management integrated with modified TOPSIS and correlation coefficient	Neural Computing & Applications	0941-0643
6.	Sorin Nădăban, Simona Dziţac, Ioan Dzitac, Fuzzy TOPSIS: A General View, Procedia Computer Science, Volume 91, 2016, Pages 823–831, 4th International Conference on Information Technology and Quantitative Management (ITQM), Asan, Korea, 2016, Elsevier, Proc. ISI	2023	09	Al-Samarraay M; Al-Zuhairi O; Alamoodi AH; Albahri OS; Deveci M; Alobaidi OR; Albahri AS; Kou, G	An integrated fuzzy multi-measurement decision-making model for selecting optimization techniques of semiconductor materials	Expert Systems with Applications	0957-4174
7.	Sorin Nădăban, Simona Dziţac, Ioan Dzitac, Fuzzy TOPSIS: A General View, Procedia Computer Science, Volume 91, 2016, Pages 823–831, 4th International Conference on Information Technology and Quantitative Management (ITQM), Asan, Korea, 2016, Elsevier, Proc. ISI	2023	07	Ahmed, MA; Al-Qaysi, ZT; Alotaibi, FS	Intelligent Decision-Making Framework for Evaluating and Benchmarking Hybridized Multi-Deep Transfer Learning Models: Managing COVID-19 and Beyond	International Journal Of Information Technology & Decision Making	0219-6220
8.	Sorin Nădăban, Simona Dziţac, Ioan Dzitac, Fuzzy TOPSIS: A General View, Procedia Computer Science, Volume 91, 2016, Pages 823–831, 4th International Conference on Information Technology and Quantitative Management (ITQM), Asan, Korea, 2016, Elsevier, Proc. ISI	2023	06	Hasková, S; Vochozka, M and Kucera, J	A fuzzy evaluation model of manufacturing machinery in terms of sustainable business	Entrepreneurship and sustainability issues	2345-0282
9.	Sorin Nădăban, Simona Dziţac, Ioan Dzitac, Fuzzy TOPSIS: A General	2023	03	Indelicato, A; Martín, JC and	A comparison of attitudes towards immigrants from the	Heliyon	2405-8440

	View, Procedia Computer Science, Volume 91, 2016, Pages 823–831, 4th International Conference on Information Technology and Quantitative Management (ITQM), Asan, Korea, 2016, Elsevier, Proc. ISI			Scuderi, R	perspective of the political party vote		
10.	Sorin Nădăban, Simona Dziţac, Ioan Dzitac, Fuzzy TOPSIS: A General View, Procedia Computer Science, Volume 91, 2016, Pages 823–831, 4th International Conference on Information Technology and Quantitative Management (ITQM), Asan, Korea, 2016, Elsevier, Proc. ISI	2023	03	Bhatia P, Diaz-Elsayed N	Facilitating decision-making for the adoption of smart manufacturing technologies by SMEs via fuzzy TOPSIS	International journal of production economics	0925-5273
11.	Sorin Nădăban, Simona Dziţac, Ioan Dzitac, Fuzzy TOPSIS: A General View, Procedia Computer Science, Volume 91, 2016, Pages 823–831, 4th International Conference on Information Technology and Quantitative Management (ITQM), Asan, Korea, 2016, Elsevier, Proc. ISI	2023	01	Lam WH; Lam WS; Lee PF	Decision Analysis on the Financial Performance of Companies Using Integrated Entropy-Fuzzy TOPSIS Model	Mathematics	2227-7390
12.	Turskis Z; Dzitac, S; Stankiuviene, A; Sukys, R/ A Fuzzy Group Decision-making Model for Determining the Most Influential Persons in the Sustainable Prevention of Accidents in the Construction SMEs/ International Journal of Computers Communications & Control/1841-9836, 2019/02/14(1):90-106	2023	10	Bouraima, MB; Gore, A; Qiu, YJ	Assessing of causes of accidents based on a novel integrated interval-valued Fermatean fuzzy methodology: towards a sustainable construction site	Neural computing & applications	0941-0643
13.	Kuantama, E (Kuantama, E.); Vesselenyi, T (Vesselenyi, T.); Dzitac, S (Dzitac, S.); Tarca, R (Tarca, R.)/ PID and Fuzzy-PID Control Model for Quadcopter Attitude with Disturbance Parameter/ International Journal of Computers Communications & Control/1841-9836, 12(4):519-532. 2017	2023	05	Yildirim, S; Çabuk, N, Bakircioglu, V	Experimentally flight performances comparison of octocopter, decacopter and dodecacopter using universal UAV	Measurement	0263-2241
14.	Kuantama, E (Kuantama, E.); Vesselenyi, T (Vesselenyi, T.); Dzitac, S (Dzitac, S.); Tarca, R (Tarca, R.)/ PID and Fuzzy-PID Control Model for Quadcopter Attitude with Disturbance Parameter/ International Journal of Computers Communications & Control/1841-9836, 12(4):519-532. 2017	2023	03	Sahin, I and Ulu, C	Altitude control of a quadcopter using interval type-2 fuzzy controller with dynamic footprint of uncertainty	ISA Transactions	0019-0578
15.	Simo A, Dzitac S, Dzitac I, Frigura-Iliasa M, Frigura-Iliasa FM, Air quality assessment system based on self-driven drone and LoRaWAN network, Computer Communications, 2021, Vol.175, Pag. 13-24, Doi:10.1016/j.comcom.2021.04.032, factor impact: 6, ISI	2023	10	Bonilla, V; Campoverde, B and Yoo, SG	A Systematic Literature Review of LoRaWAN: Sensors and Applications	Sensors	1424-8220
16.	Simo A, Dzitac S, Dzitac I, Frigura-Iliasa M, Frigura-Iliasa FM, Air quality assessment system based on self-driven drone and LoRaWAN network, Computer Communications, 2021, Vol.175, Pag. 13-24, Doi:10.1016/j.comcom.2021.04.032, factor impact: 6, ISI	2023	10	Fadhil, MJ; Gharghan, SK and Saeed, TR	Air pollution forecasting based on wireless communications: review	Environmental Monitoring and Assessment	0167-6369
17.	Simo A, Dzitac S, Dzitac I, Frigura-Iliasa M, Frigura-Iliasa FM, Air quality assessment system based on self-driven drone and LoRaWAN network, Computer Communications, 2021, Vol.175, Pag. 13-24, Doi:10.1016/j.comcom.2021.04.032, factor impact: 6, ISI	2023	09	Caratù, M; Pigliautile, I; Fabiani, C	A perspective on managing cities and citizens' well-being through smart sensing data	Environmental Science & Policy	1462-9011
18.	Simo A, Dzitac S, Dzitac I, Frigura-Iliasa M, Frigura-Iliasa FM, Air quality assessment system based on self-driven drone and LoRaWAN network, Computer Communications, 2021, Vol.175, Pag. 13-24, Doi:10.1016/j.comcom.2021.04.032, factor impact: 6, ISI	2023	06	Alrammah, IA and AlShareef, MR	A digitalized framework for responding to radiological accidents in a public major event	Journal Of Radiation Research And Applied Sciences	1687-8507
19.	Simo A, Dzitac S, Dzitac I, Frigura-Iliasa M, Frigura-Iliasa FM, Air quality assessment system based on self-driven drone and LoRaWAN network, Computer Communications, 2021, Vol.175, Pag. 13-24, Doi:10.1016/j.comcom.2021.04.032, factor impact: 6, ISI	2023	03	Marquez, LE; Bahillo, A; De Miguel, I	Effects of Body Shadowing in LoRa Localization Systems	IEEE ACCESS	2169-3536
20.	Violeta Chiş, Constantin Barbulescu, Stefan Kilyeni, Simona Dzitac, ANN Based Short-Load Curve Forecasting, International Journal Of Computers Communications & Control, ISSN 1841-9836, 13(6), pg. 938-955	2023	02	Amir, M; Zaheeruddin; Sedighizadeh, M	Intelligent energy management scheme-based coordinated control for reducing peak load in grid-connected photovoltaic-powered electric vehicle charging stations	IET generation transmission & distribution	1751-8687
21.	Violeta Chiş, Constantin Barbulescu, Stefan Kilyeni, Simona Dzitac, ANN Based Short-Load Curve Forecasting, International Journal Of Computers Communications & Control, ISSN 1841-9836, 13(6), pg. 938-955	2023	01	Panoiu, M; Panoiu, C and Mezinescu, S	Modelling and Prediction of Reactive Power at Railway Stations Using Adaptive Neuro Fuzzy Inference Systems	Applied Sciences-Basel	2076-3417
22.	Sorin Nădăban, Simona Dziţac, Ioan Dzitac, Fuzzy TOPSIS: A General View, Procedia Computer Science, Volume 91, 2016, Pages 823–831, 4th International Conference on Information Technology and Quantitative	2020	11	Albahri, OS; Zaidan, AA; Salih, MM; Zaidan, BB; Khatari, MA; Ahmed, MA);	Multidimensional benchmarking of the active queue management methods of network congestion control based on extension of fuzzy decision by opinion score	International Journal of Intelligent Systems	0884-8173

	Management (ITQM), Asan, Korea, 2016, Elsevier, Proc. ISI			Albahri, AS; Alazab, M	method		
23.	Sorin Nădăban, Simona Dziţac, Ioan Dzitac, Fuzzy TOPSIS: A General View, Procedia Computer Science, Volume 91, 2016, Pages 823–831, 4th International Conference on Information Technology and Quantitative Management (ITQM), Asan, Korea, 2016, Elsevier, Proc. ISI	2021	12	Kim, SY Thuc, LD	Life Cycle Performance Measurement in Public-Private Partnership Infrastructure Projects	Journal of Infrastructure Systems	1076-0342
24.	Sorin Nădăban, Simona Dziţac, Ioan Dzitac, Fuzzy TOPSIS: A General View, Procedia Computer Science, Volume 91, 2016, Pages 823–831, 4th International Conference on Information Technology and Quantitative Management (ITQM), Asan, Korea, 2016, Elsevier, Proc. ISI	2021	11	Sharifi, E , Chaudhuri, A Waehrens, BV , Staal, LG Lindemann, CF, Farahani, SD	Part selection for Freeform Injection Moulding: comparison of alternate approaches using a novel comprehensive methodology	International Journal of Production Research	0020-7543
25.	Sorin Nădăban, Simona Dziţac, Ioan Dzitac, Fuzzy TOPSIS: A General View, Procedia Computer Science, Volume 91, 2016, Pages 823–831, 4th International Conference on Information Technology and Quantitative Management (ITQM), Asan, Korea, 2016, Elsevier, Proc. ISI	2021	10	Afrane, S , Ampah, JD Jin, C , Liu, HF Aboagye, EM	Techno-economic feasibility of waste-to-energy technologies for investment in Ghana: A multicriteria assessment based on fuzzy TOPSIS approach	Journal of Cleaner Production	0959-6526
26.	Sorin Nădăban, Simona Dziţac, Ioan Dzitac, Fuzzy TOPSIS: A General View, Procedia Computer Science, Volume 91, 2016, Pages 823–831, 4th International Conference on Information Technology and Quantitative Management (ITQM), Asan, Korea, 2016, Elsevier, Proc. ISI	2021	09	Tamosaitiene, J Khosravi, M Cristofaro, M Chan, DWM Sarvari, H	Identification and Prioritization of Critical Risk Factors of Commercial and Recreational Complex Building Projects: A Delphi Study Using the TOPSIS Method	Applied Sciences-Basel	2076-3417
27.	Sorin Nădăban, Simona Dziţac, Ioan Dzitac, Fuzzy TOPSIS: A General View, Procedia Computer Science, Volume 91, 2016, Pages 823–831, 4th International Conference on Information Technology and Quantitative Management (ITQM), Asan, Korea, 2016, Elsevier, Proc. ISI	2021	09	Akram, M Amjad, U Davvaz, B	Decision-making analysis based on bipolar fuzzy N-soft information	Computational & Applied Mathematics	2238-3603
28.	Sorin Nădăban, Simona Dziţac, Ioan Dzitac, Fuzzy TOPSIS: A General View, Procedia Computer Science, Volume 91, 2016, Pages 823–831, 4th International Conference on Information Technology and Quantitative Management (ITQM), Asan, Korea, 2016, Elsevier, Proc. ISI	2021	08	Roy, PK Shaw, K	An integrated fuzzy model for evaluation and selection of mobile banking (m-banking) applications using new fuzzy-BWM and fuzzy-TOPSIS	Complex & Intelligent Systems	2199-4536
29.	Sorin Nădăban, Simona Dziţac, Ioan Dzitac, Fuzzy TOPSIS: A General View, Procedia Computer Science, Volume 91, 2016, Pages 823–831, 4th International Conference on Information Technology and Quantitative Management (ITQM), Asan, Korea, 2016, Elsevier, Proc. ISI	2021	08	Ali, Y , Jokhio, DH Dojki, AA , Rehman, OU Khan, F , Salman, A	Adoption of circular economy for food waste management in the context of a developing country	Waste Management & Research	0734-242X
30.	Sorin Nădăban, Simona Dziţac, Ioan Dzitac, Fuzzy TOPSIS: A General View, Procedia Computer Science, Volume 91, 2016, Pages 823–831, 4th International Conference on Information Technology and Quantitative Management (ITQM), Asan, Korea, 2016, Elsevier, Proc. ISI	2021	08	Siwiec, D Pacana, A	Model Supporting Development Decisions by Considering Qualitative-Environmental Aspects	Sustainability	2071-1050
31.	Sorin Nădăban, Simona Dziţac, Ioan Dzitac, Fuzzy TOPSIS: A General View, Procedia Computer Science, Volume 91, 2016, Pages 823–831, 4th International Conference on Information Technology and Quantitative Management (ITQM), Asan, Korea, 2016, Elsevier, Proc. ISI	2021	07	Roy, PK Shaw, K	Developing a multi-criteria sustainable credit score system using fuzzy BWM and fuzzy TOPSIS	Environment Development and Sustainability	1387-585X
32.	Sorin Nădăban, Simona Dziţac, Ioan Dzitac, Fuzzy TOPSIS: A General View, Procedia Computer Science, Volume 91, 2016, Pages 823–831, 4th International Conference on Information Technology and Quantitative Management (ITQM), Asan, Korea, 2016, Elsevier, Proc. ISI	2021	07	Park, H, Ko, H Lee, YTT , Feng, S Witherell, P, Cho, H	Collaborative knowledge management to identify data analytics opportunities in additive manufacturing	Journal of Intelligent Manufacturing	0956-5515
33.	Sorin Nădăban, Simona Dziţac, Ioan Dzitac, Fuzzy TOPSIS: A General View, Procedia Computer Science, Volume 91, 2016, Pages 823–831, 4th International Conference on Information Technology and Quantitative Management (ITQM), Asan, Korea, 2016, Elsevier, Proc. ISI	2021	09	Ali, Y Sara, S Rehman, OU	How to tackle plastic bags and bottles pollution crisis in Pakistan? A cost-benefit analysis approach	Environmental and Ecological Statistics	1352-8505
34.	Sorin Nădăban, Simona Dziţac, Ioan Dzitac, Fuzzy TOPSIS: A General View, Procedia Computer Science, Volume 91, 2016, Pages 823–831, 4th International Conference on Information Technology and Quantitative Management (ITQM), Asan, Korea, 2016, Elsevier, Proc. ISI	2021	06	Peng, XB Gibbs, E Silverman, JM Cashman, NR, Plotkin, SS	A method for systematically ranking therapeutic drug candidates using multiple uncertain screening criteria	Statistical Methods In Medical Research	0962-2802
35.	Sorin Nădăban, Simona Dziţac, Ioan Dzitac, Fuzzy TOPSIS: A General View, Procedia Computer Science, Volume 91, 2016, Pages 823–831, 4th International Conference on Information Technology and Quantitative Management (ITQM), Asan, Korea, 2016, Elsevier, Proc. ISI	2021	05	Roszkowska, E Kusterka-Jefmanska, M Jefmanski, B	Intuitionistic Fuzzy TOPSIS as a Method for Assessing Socioeconomic Phenomena on the Basis of Survey Data	Entropy	1099-4300
36.	Sorin Nădăban, Simona Dziţac, Ioan Dzitac, Fuzzy TOPSIS: A General	2021	03	Maamri, N	Risk assessment using fuzzy ahp and fuzzy top-sis	Acta Technica Napocensis	1221-5872

	View, Procedia Computer Science, Volume 91, 2016, Pages 823–831, 4th International Conference on Information Technology and Quantitative Management (ITQM), Asan, Korea, 2016, Elsevier, Proc. ISI			Chaib, R Benidir, M, Verzea, I	hybrid approach for safe and sustainable work, case study	Series-Applied Mathematics Mechanics And Engineering	
37.	Sorin Nădăban, Simona Dziţac, Ioan Dzitac, Fuzzy TOPSIS: A General View, Procedia Computer Science, Volume 91, 2016, Pages 823–831, 4th International Conference on Information Technology and Quantitative Management (ITQM), Asan, Korea, 2016, Elsevier, Proc. ISI	2021	02	Hamzelou, N, Ashtiani, M , Sadeghi, R	A propagation trust model in social networks based on the A* algorithm and multi-criteria decision making	Computing	0010-485X
38.	Sorin Nădăban, Simona Dziţac, Ioan Dzitac, Fuzzy TOPSIS: A General View, Procedia Computer Science, Volume 91, 2016, Pages 823–831, 4th International Conference on Information Technology and Quantitative Management (ITQM), Asan, Korea, 2016, Elsevier, Proc. ISI	2021	01	Mukhamet, T, Kobeyev, S , Nadeem, A , Memon, SA	Ranking PCMs for building facade applications using multi-criteria decision-making tools combined with energy simulations	Energy	0360-5442
39.	Sorin Nădăban, Simona Dziţac, Ioan Dzitac, Fuzzy TOPSIS: A General View, Procedia Computer Science, Volume 91, 2016, Pages 823–831, 4th International Conference on Information Technology and Quantitative Management (ITQM), Asan, Korea, 2016, Elsevier, Proc. ISI	2021	01	Gopal, N, Panchal, D	A structured framework for reliability and risk evaluation in the milk process industry under fuzzy environment	Facta Universitatis-Series Mechanical Engineering	0354-2025
40.	Kuantama, E (Kuantama, Endrowednes); Tarca, R (Tarca, Radu ; Dzitac, S (Dzitac, Simona) ; Dzitac, I (Dzitac, Ioan; Vesselenyi, T (Vesselenyi, Tiberiu); Tarca, I (Tarca, Ioan)/ The Design and Experimental Development of Air Scanning Using a Sniffer Quadcopter, 8424-8220, *Sensors* 2019,*19*(18), 3849;https://doi.org/10.3390/s19183849	2022	09	Rodriguez-Guerrero, L; Benitez-Morales, A; Santos-Sanchez, OJ; Garcia-Perez, O Romero-Trejo, H, Ordaz-Oliver, M Ordaz-Oliver, JP	Robust Backstepping Control Applied to UAVs for Pest Recognition in Maize Crops	Applied Sciences-Basel	2076-3417
41.	Kuantama, E (Kuantama, Endrowednes); Tarca, R (Tarca, Radu ; Dzitac, S (Dzitac, Simona) ; Dzitac, I (Dzitac, Ioan; Vesselenyi, T (Vesselenyi, Tiberiu); Tarca, I (Tarca, Ioan)/ The Design and Experimental Development of Air Scanning Using a Sniffer Quadcopter, 8424-8220, *Sensors* 2019,*19*(18), 3849;https://doi.org/10.3390/s19183849	2022	06	Lugassi, R; Blank, A; Rogozovsky, I; Ohneiser, K;Ansmann, A ; Linzon, Y; Chudnovsky, A	From laboratory to in-situ 3D measurements of complex pollution states in the city: Introducing a general concept using compact multisensory assemblies on UAVs	Atmospheric Environment	1352-2310
42.	Kuantama, E (Kuantama, Endrowednes); Tarca, R (Tarca, Radu ; Dzitac, S (Dzitac, Simona) ; Dzitac, I (Dzitac, Ioan; Vesselenyi, T (Vesselenyi, Tiberiu); Tarca, I (Tarca, Ioan)/ The Design and Experimental Development of Air Scanning Using a Sniffer Quadcopter, 8424-8220, *Sensors* 2019,*19*(18), 3849;https://doi.org/10.3390/s19183849	2022	03	Suchanek, G; Woloszyn, J; Golas, A	Evaluation of Selected Algorithms for Air Pollution Source Localisation Using Drones	Sustainability	2071-1050
43.	Kuantama, E (Kuantama, Endrowednes); Tarca, R (Tarca, Radu ; Dzitac, S (Dzitac, Simona) ; Dzitac, I (Dzitac, Ioan; Vesselenyi, T (Vesselenyi, Tiberiu); Tarca, I (Tarca, Ioan)/ The Design and Experimental Development of Air Scanning Using a Sniffer Quadcopter, 8424-8220, *Sensors* 2019,*19*(18), 3849;https://doi.org/10.3390/s19183849	2022	03	Fascista, A	Toward Integrated Large-Scale Environmental Monitoring Using WSN/UAV/Crowdsensing: A Review of Applications, Signal Processing, and Future Perspectives	Sensors	1424-8220
44.	Kuantama, E (Kuantama, Endrowednes); Tarca, R (Tarca, Radu ; Dzitac, S (Dzitac, Simona) ; Dzitac, I (Dzitac, Ioan; Vesselenyi, T (Vesselenyi, Tiberiu); Tarca, I (Tarca, Ioan)/ The Design and Experimental Development of Air Scanning Using a Sniffer Quadcopter, 8424-8220, *Sensors* 2019,*19*(18), 3849;https://doi.org/10.3390/s19183849	2022	01	Hao, Y ; Li, SG ; Zhang, TJ	Multi-sensor optimal deployment based efficient and synchronous data acquisition in large three-dimensional physical similarity simulation	Assembly Automation	0144-5154
45.	Turskis Z; Dzitac, S; Stankiuviene, A; Sukys, R/ A Fuzzy Group Decision-making Model for Determining the Most Influential Persons in the Sustainable Prevention of Accidents in the Construction SMEs/ International Journal of Computers Communications & Control/1841-9836, 2019/02/14(1):90-106	2022	06	Sanchez-Garrido, AJ; Navarro, IJ; Yepes, V	Evaluating the sustainability of soil improvement techniques in foundation substructures	Journal of Cleaner Production	0959-6526
46.	Turskis Z; Dzitac, S; Stankiuviene, A; Sukys, R/ A Fuzzy Group Decision-making Model for Determining the Most Influential Persons in the Sustainable Prevention of Accidents in the Construction SMEs/ International Journal of Computers Communications & Control/1841-9836, 2019/02/14(1):90-106	2022	03	Costa, IPD; Moreira, MAL; Costa, APD; Teixeira, LFHDD; Gomes, CFS ; Dos Santos, M	Strategic Study for Managing the Portfolio of IT Courses Offered by a Corporate Training Company: An Approach in the Light of the ELECTRE-MOr Multicriteria Hybrid Method	International Journal Of Information Technology & Decision Making	0219-6220
47.	Turskis Z; Dzitac, S; Stankiuviene, A; Sukys, R/ A Fuzzy Group Decision-making Model for Determining the Most Influential Persons in the Sustainable Prevention of Accidents in the Construction SMEs/ International Journal of Computers Communications & Control/1841-	2022	04	Sanchez-Garrido, AJ; Navarro, IJ; Yepes, V	Multi-criteria decision-making applied to the sustainability of building structures based on Modern Methods of Construction	Journal of Cleaner Production	0959-6526

	9836, 2019/02/14(1):90-106/						
48.	Turskis, Z, Dzitac, S; Stankiuviene, A; Sukys, R, A Fuzzy Group Decision-making Model for Determining the Most Influential Persons in the Sustainable Prevention of Accidents in the Construction SMEs, International Journal Of Computers Communications & Control, ISSN 1841-9836, Volume: 14 Issue: 1 Pages: 90-106, factor de impact: 1,585, DOI: 10.15837/ijccc.2019,2,293, ISI	2021	08	Chen, JH ,Yang, LR, Wang, JP , Lin, SI , Cheng, JY, Lee, MH, Chen, CL	Automatic manpower allocation for public construction projects using a rough set enhanced neural network	Canadian Journal of Civil Engineering	0315-1468
49.	Turskis, Z, Dzitac, S; Stankiuviene, A; Sukys, R, A Fuzzy Group Decision-making Model for Determining the Most Influential Persons in the Sustainable Prevention of Accidents in the Construction SMEs, International Journal Of Computers Communications & Control, ISSN 1841-9836, Volume: 14 Issue: 1 Pages: 90-106, factor de impact: 1,585, DOI: 10.15837/ijccc.2019,2,293, ISI	2021	07	Ulutas, A, Popovic, G, Radanov, P , Stanujkic, D, Karabasevic, D	A new hybrid fuzzy psi-piprecia-cocoso mcdm based approach to solving the transportation company selection problem	Technological and Economic Development of Economy	2029-4913
50.	Benta D., Bologa G., Dzitac S., Dzitac I., *University Level Learning and Teaching via E-Learning Platforms*, 3nd International Conference on Information Technology and Quantitative Management, ITQM 2015 - Rio de Janeiro, Procedia Computer Science, Vol 55C, 2015, Pg 1366-1373, Proc. ISI	2021	10	Mujiono Herawati, S	The Effectiveness of E-Learning-Based Sociolinguistic Instruction on EFL University Students' Sociolinguistic Competence	International Journal Of Instruction, 14 (4), pp.627-642	1694-609X
51.	Benta D., Bologa G., Dzitac S., Dzitac I., *University Level Learning and Teaching via E-Learning Platforms*, 3nd International Conference on Information Technology and Quantitative Management, ITQM 2015 - Rio de Janeiro, Procedia Computer Science, Vol 55C, 2015, Pg 1366-1373, Proc. ISI	2021	03	Ruiz, LMS, Moll-Lopez, S, Morano-Fernandez, JA , Llobregat-Gomez, N	B-Learning and Technology: Enablers for University Education Resilience. An Experience Case under COVID-19 in Spain	Sustainability	2071-1050
52.	Benta D., Bologa G., Dzitac S., Dzitac I., *University Level Learning and Teaching via E-Learning Platforms*, 3nd International Conference on Information Technology and Quantitative Management, ITQM 2015 - Rio de Janeiro, Procedia Computer Science, Vol 55C, 2015, Pg 1366-1373, Proc. ISI	2021	02	Rus-Casas, C, La Rubia, MD Eliche-Quesada, D , Jimenez-Castillo, G Aguilar-Pena, JD	Online Tools for the Creation of Personal Learning Environments in Engineering Studies for Sustainable Learning	Sustainability	2071-1050
53.	Kuantama, E (Kuantama, E.); Vesselenyi, T (Vesselenyi, T.); Dzitac, S (Dzitac, S.); Tarca, R (Tarca, R.)/ PID and Fuzzy-PID Control Model for Quadcopter Attitude with Disturbance Parameter/ International Journal of Computers Communications & Control/1841-9836, 12(4):519-532. 2017	2022	11	Lupas, AA; Oros, GI	Applications of Riemann-Liouville Fractional Integral of q-Hypergeometric Function for Obtaining Fuzzy Differential Sandwich Results	Symmetry-Basel	2073-8994
54.	Kuantama, E (Kuantama, E.); Vesselenyi, T (Vesselenyi, T.); Dzitac, S (Dzitac, S.); Tarca, R (Tarca, R.)/ PID and Fuzzy-PID Control Model for Quadcopter Attitude with Disturbance Parameter/ International Journal of Computers Communications & Control/1841-9836, 12(4):519-532. 2017	2022	06	Hernandez-Alvarado, R; Rodriguez-Abreo, O; Garcia-Guendulain, JM; Hernandez-Diaz, T	Self-Tuning Control Using an Online-Trained Neural Network to Position a Linear Actuator	Micromachines	2072-666X
55.	Kuantama, E (Kuantama, E.); Vesselenyi, T (Vesselenyi, T.); Dzitac, S (Dzitac, S.); Tarca, R (Tarca, R.)/ PID and Fuzzy-PID Control Model for Quadcopter Attitude with Disturbance Parameter/ International Journal of Computers Communications & Control/1841-9836, 12(4):519-532. 2017	2022	05	Belge, E; Altan, A, Hacioglu, R	Metaheuristic Optimization-Based Path Planning and Tracking of Quadcopter for Payload Hold-Release Mission	Electronics	2079-9292
56.	Kuantama, E (Kuantama, E.); Vesselenyi, T (Vesselenyi, T.); Dzitac, S (Dzitac, S.); Tarca, R (Tarca, R.)/ PID and Fuzzy-PID Control Model for Quadcopter Attitude with Disturbance Parameter/ International Journal of Computers Communications & Control/1841-9836, 12(4):519-532. 2017	2022	04	Yang, P; Zhang, ZQ; Geng, HL; Jiang, B;Hu, XK	Intelligent Discrete Sliding Mode Predictive Fault-Tolerant Control Method for Multi-Delay Quad-Rotor UAV System Based on DIECOA	Aerospace	2226-4310
57.	Endrowednes Kuantama, Tiberiu Vesselenyi, Simona Dziţac, Radu Ţarcă, PID and Fuzzy-PID Control Model for Quadcopter Attitude with Disturbance Parameter, International Journal Of Computers Communications & Control, ISSN 1841-9836, 12(4), pp 519-532, August 2017, factor de impact:2,293, ISI	2021	10	Shauqee, MN Rajendran, P Suhadis, NM	An effective proportional-double derivative-linear quadratic regulator controller for quadcopter attitude and altitude control	Automatika	0005-1144
58.	Endrowednes Kuantama, Tiberiu Vesselenyi, Simona Dziţac, Radu Ţarcă, PID and Fuzzy-PID Control Model for Quadcopter Attitude with Disturbance Parameter, International Journal Of Computers Communications & Control, ISSN 1841-9836, 12(4), pp 519-532, August 2017, factor de impact:2,293, ISI	2021	03	Shauqee, MN Rajendran, P Suhadis, NM	Proportional Double Derivative Linear Quadratic Regulator Controller Using Improvised Grey Wolf Optimization Technique to Control Quadcopter	Applied sciences-basel	2076-3417
59.	Endrowednes Kuantama, Tiberiu Vesselenyi, Simona Dziţac, Radu Ţarcă, PID and Fuzzy-PID Control Model for Quadcopter Attitude with Disturbance Parameter, International Journal Of Computers	2021	01	Park, D Le, TL Quynh, NV	Online Tuning of PID Controller Using a Multilayer Fuzzy Neural Network Design for Quadcopter Attitude Tracking Control	Frontiers in neurorobotics	1662-5218

	Communications & Control, ISSN 1841-9836, 12(4), pp 519-532, August 2017, factor de impact:2,293, ISI			Long, NK Hong, SK			
60.	Sorin Nădăban, Simona Dziţac, Ioan Dzitac, Fuzzy TOPSIS: A General View, Procedia Computer Science, Volume 91, 2016, Pages 823–831, 4th International Conference on Information Technology and Quantitative Management (ITQM), Asan, Korea, 2016, Elsevier, Proc. ISI	2020	11	Salih, MM (Salih, Mahmood M.); Zaidan, BB (Zaidan, B. B.); Zaidan, AA (Zaidan, A. A.)	Fuzzy decision by opinion score method	Applied Soft Computing	1568-4946
61.	Sorin Nădăban, Simona Dziţac, Ioan Dzitac, Fuzzy TOPSIS: A General View, Procedia Computer Science, Volume 91, 2016, Pages 823–831, 4th International Conference on Information Technology and Quantitative Management (ITQM), Asan, Korea, 2016, Elsevier, Proc. ISI	2020	9	Bose, S (Bose, Soutrik); Nandi, T (Nandi, Titas)	Statistical and experimental investigation using a novel multi-objective optimization algorithm on a novel titanium hybrid composite developed by lens process	Proceedings of the Institution of Mechanical Engineers Part C-Journal of Mechanical Engineering Science	0954-4062
62.	Sorin Nădăban, Simona Dziţac, Ioan Dzitac, Fuzzy TOPSIS: A General View, Procedia Computer Science, Volume 91, 2016, Pages 823–831, 4th International Conference on Information Technology and Quantitative Management (ITQM), Asan, Korea, 2016, Elsevier, Proc. ISI	2020	9	Netto, AL; Salomon, VAP; Ortiz-Barrios, MA; Florek-Paszkowska, AK; Petrillo, A; De Oliveira, OJ	Multiple criteria assessment of sustainability programs in the textile industry	International Transactions In Operational Research	0969-6016
63.	Sorin Nădăban, Simona Dziţac, Ioan Dzitac, Fuzzy TOPSIS: A General View, Procedia Computer Science, Volume 91, 2016, Pages 823–831, 4th International Conference on Information Technology and Quantitative Management (ITQM), Asan, Korea, 2016, Elsevier, Proc. ISI	2020	9	Luczak, A (Luczak, Aleksandra); Kalinowski, S (Kalinowski, Slawomir)	Assessing the level of the material deprivation of European Union countries	Plos One	1932-6203
64.	Sorin Nădăban, Simona Dziţac, Ioan Dzitac, Fuzzy TOPSIS: A General View, Procedia Computer Science, Volume 91, 2016, Pages 823–831, 4th International Conference on Information Technology and Quantitative Management (ITQM), Asan, Korea, 2016, Elsevier, Proc. ISI	2020	9	Vishnu, CR; Das, SP; Sridharan, R; Kumar, PNR; Narahari, NS	Development of a reliable and flexible supply chain network design model: a genetic algorithm based approach	International Journal of Production	0020-7543
65.	Sorin Nădăban, Simona Dziţac, Ioan Dzitac, Fuzzy TOPSIS: A General View, Procedia Computer Science, Volume 91, 2016, Pages 823–831, 4th International Conference on Information Technology and Quantitative Management (ITQM), Asan, Korea, 2016, Elsevier, Proc. ISI	2020	8	Kim, SY (Kim, Soo-Yong); Thuc, LD (Thuc, Le Dinh)	Sustainable Location Selection for Investing in Public-Private Partnership Infrastructure Projects: From a Developing Country's Perspective	Sustainability	2071-1050
66.	Sorin Nădăban, Simona Dziţac, Ioan Dzitac, Fuzzy TOPSIS: A General View, Procedia Computer Science, Volume 91, 2016, Pages 823–831, 4th International Conference on Information Technology and Quantitative Management (ITQM), Asan, Korea, 2016, Elsevier, Proc. ISI	2020	7	Kumar, G (Kumar, Gaurav); Parimala, N (Parimala, N.)	An Integration of Sentiment Analysis and MCDM Approach for Smartphone Recommendation	International Journal of Information Technology & Decision Making	0219-6220
67.	Sorin Nădăban, Simona Dziţac, Ioan Dzitac, Fuzzy TOPSIS: A General View, Procedia Computer Science, Volume 91, 2016, Pages 823–831, 4th International Conference on Information Technology and Quantitative Management (ITQM), Asan, Korea, 2016, Elsevier, Proc. ISI	2020	7	Ye, XD; Chen, B; Lee, K; Storesund, R; Zhang, BY	An integrated offshore oil spill response decision making approach by human factor analysis and fuzzy preference evaluation	Environmental Pollution	0269-7491
68.	Sorin Nădăban, Simona Dziţac, Ioan Dzitac, Fuzzy TOPSIS: A General View, Procedia Computer Science, Volume 91, 2016, Pages 823–831, 4th International Conference on Information Technology and Quantitative Management (ITQM), Asan, Korea, 2016, Elsevier, Proc. ISI	2020	6	Rolka, L; Mieszkowicz-Rolka, A; Drupka, G	Multicriteria decision-making in flight route selection	Aircraft Engineering And Aerospace Technology	1748-8842
69.	Sorin Nădăban, Simona Dziţac, Ioan Dzitac, Fuzzy TOPSIS: A General View, Procedia Computer Science, Volume 91, 2016, Pages 823–831, 4th International Conference on Information Technology and Quantitative Management (ITQM), Asan, Korea, 2016, Elsevier, Proc. ISI	2020	6	Ozdogan S, Yildizbasi, A; Rouyendegh, BD	Performance evaluation of municipal services with fuzzy multi-criteria decision making approaches: a case study from Turkey	SN Applied Sciences	2523-3963
70.	Sorin Nădăban, Simona Dziţac, Ioan Dzitac, Fuzzy TOPSIS: A General View, Procedia Computer Science, Volume 91, 2016, Pages 823–831, 4th International Conference on Information Technology and Quantitative Management (ITQM), Asan, Korea, 2016, Elsevier, Proc. ISI	2020	6	Masdari, M (Masdari, Mohammad); Khezri, H (Khezri, Hemn)	Efficient offloading schemes using Markovian models: a literature review	Computing	0010-485X
71.	Sorin Nădăban, Simona Dziţac, Ioan Dzitac, Fuzzy TOPSIS: A General View, Procedia Computer Science, Volume 91, 2016, Pages 823–831, 4th International Conference on Information Technology and Quantitative Management (ITQM), Asan, Korea, 2016, Elsevier, Proc. ISI	2020	3	Kacprzak, D (Kacprzak, Dariusz)	An extended TOPSIS method based on ordered fuzzy numbers for group decision making	Artificial Intelligence REVIEW	0269-2821
72.	Sorin Nădăban, Simona Dziţac, Ioan Dzitac, Fuzzy TOPSIS: A General View, Procedia Computer Science, Volume 91, 2016, Pages 823–831, 4th International Conference on Information Technology and Quantitative Management (ITQM), Asan, Korea, 2016, Elsevier, Proc. ISI	2020	3	Akram, M (Akram, Muhammad); Shumaiza (Shumaiza); Arshad, M (Arshad, Maham)	Bipolar fuzzy TOPSIS and bipolar fuzzy ELECTRE-I methods to diagnosis	Computational & Applied Mathematics	2238-3603

73.	Sorin Nădăban, Simona Dziţac, Ioan Dzitac, Fuzzy TOPSIS: A General View, Procedia Computer Science, Volume 91, 2016, Pages 823–831, 4th International Conference on Information Technology and Quantitative Management (ITQM), Asan, Korea, 2016, Elsevier, Proc. ISI	2020	8	El Mokrini, A (El Mokrini, Asmae); Aouam, T (Aouam, Tarik)	A fuzzy multi-criteria decision analysis approach for risk evaluation in healthcare logistics outsourcing: Case of Morocco	Health Services Management Research	0951-4848
74.	Sorin Nădăban, Simona Dziţac, Ioan Dzitac, Fuzzy TOPSIS: A General View, Procedia Computer Science, Volume 91, 2016, Pages 823–831, 4th International Conference on Information Technology and Quantitative Management (ITQM), Asan, Korea, 2016, Elsevier, Proc. ISI	2020	2	Singh, M; Pant, M; Godiyal, RD; Sharma, AK	MCDM approach for selection of raw material in pulp and papermaking industry	Materials and Manufacturing	1042-6914
75.	Sorin Nădăban, Simona Dziţac, Ioan Dzitac, Fuzzy TOPSIS: A General View, Procedia Computer Science, Volume 91, 2016, Pages 823–831, 4th International Conference on Information Technology and Quantitative Management (ITQM), Asan, Korea, 2016, Elsevier, Proc. ISI	2020	1	Muravev, D; Hu, H (Hu, Hao); Zhou, HS; Pamucar, D (Pamucar, Dragan)	Location Optimization of CR Express International Logistics Centers	Symmetry-Basel	2073-8994
76.	Endrowednes Kuantama, Tiberiu Vesselenyi, Simona Dziţac, Radu Ţarcă, PID and Fuzzy-PID Control Model for Quadcopter Attitude with Disturbance Parameter, International Journal Of Computers Communications & Control, ISSN 1841-9836, 12(4), pp 519-532, August 2017, factor de impact:2,093, ISI	2020	11	Al-Fetyani, M ; Hayajneh, M; Alsharkawi, A	Design of an Executable ANFIS-based Control System to Improve the Attitude and Altitude Performances of a Quadcopter Drone	International Journal of Automation And Computing	1476-8186
77.	Endrowednes Kuantama, Tiberiu Vesselenyi, Simona Dziţac, Radu Ţarcă, PID and Fuzzy-PID Control Model for Quadcopter Attitude with Disturbance Parameter, International Journal Of Computers Communications & Control, ISSN 1841-9836, 12(4), pp 519-532, August 2017, factor de impact:2,093, ISI	2020	6	Emile, O (Emile, O.); Emile, J (Emile, J.); Brousseau, C (Brousseau, C.)	Rotational Doppler shift upon reflection from a right angle prism	Applied Physics	0003-6951
78.	Endrowednes Kuantama, Tiberiu Vesselenyi, Simona Dziţac, Radu Ţarcă, PID and Fuzzy-PID Control Model for Quadcopter Attitude with Disturbance Parameter, Int. J. Of Computers Communications & Control, ISSN 1841-9836, 12(4), pp 519-532, Aug 2017, factor de impact:2,093, ISI	20202	5	Sarkar, M; Homaifar, A; Erol, BA; Behniapoor, M; Tunstel, E	PIE: a Tool for Data-Driven Autonomous UAV Flight Testing	Journal of Intelligent & Robotic	0921-0296
79.	Endrowednes Kuantama, Tiberiu Vesselenyi, Simona Dziţac, Radu Ţarcă, PID and Fuzzy-PID Control Model for Quadcopter Attitude with Disturbance Parameter, Int. J. Of Computers Communications & Control, ISSN 1841-9836, 12(4), pp 519-532, Aug 2017, factor de impact	2020	8	Wang, Y; Zheng, QG ; Zhang, HB ; Chen, HY	Research on Integrated Control Method for Helicopter/Turboshaft Engine with Variable Rotor Speed Based on the Error Between Engine Required and Real Output Torque	Arabian Journal For Science and Engineering	2193-567X
80.	Endrowednes Kuantama, Tiberiu Vesselenyi, Simona Dziţac, Radu Ţarcă, PID and Fuzzy-PID Control Model for Quadcopter Attitude with Disturbance Parameter, Int. J. Of Computers Communications & Control, ISSN 1841-9836, 12(4), pp 519-532, Aug 2017, factor de impact	2020	3	Li, Z (Li, Zhi); Ma, X (Ma, Xin); Li, YB (Li, Yibin)	Robust trajectory tracking control for a quadrotor subject to disturbances and model uncertainties	International Journal of Systems	0020-7721
81.	Turskis, Z, Dzitac, S; Stankiuviene, A; Sukys, R, A Fuzzy Group Decision-making Model for Determining the Most Influential Persons in the Sustainable Prevention of Accidents in the Construction SMEs, International Journal Of Computers Communications & Control, ISSN 1841-9836, Volume: 14 Issue: 1 Pages: 90-106, factor de impact: 1,585, DOI: 10.15837/ijccc.2019,2,093, ISI	2020	10	Chandrawati, TB (Chandrawati, T. B.); Ratna, AAP (Ratna, A. A. P.); Sari, RF (Sari, R. F.)	Path Selection using Fuzzy Weight Aggregated Sum Product Assessment	International Journal of Computers Communications & Control	1841-9836
82.	Turskis, Z, Dzitac, S; Stankiuviene, A; Sukys, R, A Fuzzy Group Decision-making Model for Determining the Most Influential Persons in the Sustainable Prevention of Accidents in the Construction SMEs, International Journal Of Computers Communications & Control, ISSN 1841-9836, Volume: 14 Issue: 1 Pages: 90-106, factor de impact: 1,585, DOI: 10.15837/ijccc.2019,2,093, ISI	2020	8	Tsolas, IE (Tsolas, Ioannis E.)	Financial Performance Assessment of Construction Firms by Means of RAM-Based Composite Indicators	Mathematics	2227-7390
83.	Turskis, Z, Dzitac, S; Stankiuviene, A; Sukys, R, A Fuzzy Group Decision-making Model for Determining the Most Influential Persons in the Sustainable Prevention of Accidents in the Construction SMEs, International Journal Of Computers Communications & Control, ISSN 1841-9836, Volume: 14 Issue: 1 Pages: 90-106, factor de impact: 1,585, DOI: 10.15837/ijccc.2019,2,093, ISI	2020	6	Yang, CH (Yang, Chih-Hao); Lee, KC (Lee, Kuen-Chang)	Developing a strategy map for forensic accounting with fraud risk management: An integrated balanced scorecard-based decision model	Evaluation and Program Planning	0149-7189
84.	Turskis, Z, Dzitac, S; Stankiuviene, A; Sukys, R, A Fuzzy Group Decision-making Model for Determining the Most Influential Persons in	2020	3	Paul, M; Negahban-Azar, M; Shirmohammadi, A; Montas,	Assessment of agricultural land suitability for irrigation with reclaimed water using geospatial multi-criteria	Agricultural Water Management	0378-3774

	the Sustainable Prevention of Accidents in the Construction SMEs, International Journal Of Computers Communications & Control, ISSN 1841-9836, Volume: 14 Issue: 1 Pages: 90-106, factor de impact: 1,585			H	decision analysis		
85.	Kaklauskas A., Zavadskas E.K., Banaitis A., Meidute-Kavaliauskiene I., Liberman A., **Simona Dzitac**, Ubarte I., Binkyte A., Cerkauskas J., A. Kuzminske, A. Naumcik, A Neuro-Advertising Property Video Recommendation System, Technological Forecasting & Social Change, ISSN: 0040-1625, Vol 131, June 2018, pp. 78-93, factor de impact 5,846	2020	5	Kaklauskas A, Abraham A; Dzemyda G, Raslanas S, Seniut M; Ubarte I; Kurasova, O; Binkyte-Veliene A; Cerkauskas, J	Emotional, affective and biometrical states analytics of a built environment	Engineering Applications of Artificial Intelligence	0952-1976
86.	Benta D., Bologa G., Dzitac S., Dzitac I., University Level Learning and Teaching via E-Learning Platforms, 3nd International Conference on Information Technology and Quantitative Management, ITQM 2015 - Rio de Janeiro, Procedia Computer Science, Volume 55C, 2015, Pages 1366-1373, **Proc. ISI**	2020	10	Pinho, C ; Franco, M; Mendes, L	Acceptance and use of information technology: context of Portuguese universities	Information and Learning Sciences	2398-5348
87.	Benta D., Bologa G., Dzitac S., Dzitac I., University Level Learning and Teaching via E-Learning Platforms, 3nd International Conference on Information Technology and Quantitative Management, ITQM 2015 - Rio de Janeiro, Procedia Computer Science, Vol. 55C, 2015, Pag. 1366-1373	2020	10	Popa D; Repanovici A; Lupu, D; Norel M; Coman, C	Using Mixed Methods to Understand Teaching and Learning in COVID 19 Times	Sustainability	2071-1050
88.	Benta D., Bologa G., Dzitac S., Dzitac I., University Level Learning and Teaching via E-Learning Platforms, 3nd International Conference on Information Technology and Quantitative Management, ITQM 2015 - Rio de Janeiro, Procedia Computer Science, Vol. 55C, 2015, Pag. 1366-1373	2020	10	Stanca L; Lacurezeanu R; Tiron-Tudor A; Bresfelean, VP; Pandelica I	Determining IT Student Profile Using Data Mining and Social Network Analysis	International Journal Of Computers Communications & Control	1841-9836
89.	Turskis, Z, Dzitac, S; Stankiuviene, A; Sukys, R, A Fuzzy Group Decision-making Model for Determining the Most Influential Persons in the Sustainable Prevention of Accidents in the Construction SMEs, International Journal Of Computers Communications & Control, ISSN 1841-9836, Volume: 14 Issue: 1 Pages: 90-106, factor de impact: 1,585, DOI: 10.15837/ijccc.2019, 1,585, ISI	2019	11	Vavrek, R	Evaluation of the Impact of Selected Weighting Methods on the Results of the TOPSIS Technique	International journal of information technology & decision making	0219-6220
90.	Turskis, Z, Dzitac, S; Stankiuviene, A; Sukys, R, A Fuzzy Group Decision-making Model for Determining the Most Influential Persons in the Sustainable Prevention of Accidents in the Construction SMEs, International Journal Of Computers Communications & Control, ISSN 1841-9836, Volume: 14 Issue: 1 Pages: 90-106, factor de impact: 1,585, DOI: 10.15837/ijccc.2019, 1,585, ISI	2019	06	Stankeviciene, J; Petroniene, I	Bond Mutual Funds vs. Bond Exchange Traded Funds: Evaluation of Risk Adjusted Performance	Administrative Sciences	2076-3387
91.	Turskis, Z, Dzitac, S; Stankiuviene, A; Sukys, R, A Fuzzy Group Decision-making Model for Determining the Most Influential Persons in the Sustainable Prevention of Accidents in the Construction SMEs, International Journal Of Computers Communications & Control, ISSN 1841-9836, Volume: 14 Issue: 1 Pages: 90-106, factor de impact: 1,585, DOI: 10.15837/ijccc.2019, 1,585, ISI	2019	10	Ulutas, A	Supplier Selection by Using a Fuzzy Integrated Model for a Textile Company	Inzinerine Ekonomika-Engineering Economics	1392-2785
92.	Sorin Nădăban, Simona Dziţac, Ioan Dzitac, Fuzzy TOPSIS: A General View, Procedia Computer Science, Volume 91, 2016, Pages 823–831, 4th International Conference on Information Technology and Quantitative Management (ITQM), Asan, Korea, 2016, Elsevier, Proc. ISI	2019	12	Akram, M; Adeel, A; Alcantud, JCR	Hesitant fuzzy N-soft sets: A new model with applications in decision-making	Journal Of Intelligent & Fuzzy Systems	1064-1246
93.	Sorin Nădăban, Simona Dziţac, Ioan Dzitac, Fuzzy TOPSIS: A General View, Procedia Computer Science, Volume 91, 2016, Pages 823–831, 4th International Conference on Information Technology and Quantitative Management (ITQM), Asan, Korea, 2016, Elsevier, Proc. ISI	2019	09	Meharie, MG; Gariy, ZCA; Mutuku, RNN; Mengesha, WJ	An Effective Approach to Input Variable Selection for Preliminary Cost Estimation of Construction Projects	Advances in civil engineering	1687-8086
94.	Sorin Nădăban, Simona Dziţac, Ioan Dzitac, Fuzzy TOPSIS: A General View, Procedia Computer Science, Volume 91, 2016, Pages 823–831, 4th International Conference on Information Technology and Quantitative Management (ITQM), Asan, Korea, 2016, Elsevier, Proc. ISI	2019	03	Sedady, F; Beheshtinia, MA	A novel MCDM model for prioritizing the renewable power plants' construction	Management of environmental quality	1477-7835
95.	Sorin Nădăban, Simona Dziţac, Ioan Dzitac, Fuzzy TOPSIS: A General View, Procedia Computer Science, Volume 91, 2016, Pages 823–831, 4th International Conference on Information Technology and Quantitative	2019	05	Asuquo, MP; Wang, J; Zhang, LH; Phylip-Jones, G	Application of a multiple attribute group decision making (MAGDM) model for selecting appropriate maintenance strategy for marine and offshore	Ocean Engineering	0029-8018

	Management (ITQM), Asan, Korea, 2016, Elsevier, Proc. ISI				machinery operations		
96.	Sorin Nădăban, Simona Dziţac, Ioan Dzitac, Fuzzy TOPSIS: A General View, Procedia Computer Science, Volume 91, 2016, Pages 823–831, 4th International Conference on Information Technology and Quantitative Management (ITQM), Asan, Korea, 2016, Elsevier, Proc. ISI	2019	06	Bera, AK; Jana, DK; Banerjee, D; Nandy, T	Multiple-criteria fuzzy group decision-making with multi-choice goal programming for supplier selection: A case study	Discrete mathematics algorithms and applications	1793-8309
97.	Sorin Nădăban, Simona Dziţac, Ioan Dzitac, Fuzzy TOPSIS: A General View, Procedia Computer Science, Volume 91, 2016, Pages 823–831, 4th International Conference on Information Technology and Quantitative Management (ITQM), Asan, Korea, 2016, Elsevier, Proc. ISI	2019	06	Akram, M; Adeel, A; Alcantud, JCR	Multi-Criteria Group Decision-Making Using an m-Polar Hesitant Fuzzy TOPSIS Approach	Symmetry-Basel	2073-8994
98.	Sorin Nădăban, Simona Dziţac, Ioan Dzitac, Fuzzy TOPSIS: A General View, Procedia Computer Science, Volume 91, 2016, Pages 823–831, 4th International Conference on Information Technology and Quantitative Management (ITQM), Asan, Korea, 2016, Elsevier, Proc. ISI	2019	07	Mian, SH; Al-Ahmari, A; Alkhalefah, H	Analysis and Realization of Sampling Strategy in Coordinate Metrology	Mathematical problems in engineering	1563-5147
99.	Sorin Nădăban, Simona Dziţac, Ioan Dzitac, Fuzzy TOPSIS: A General View, Procedia Computer Science, Volume 91, 2016, Pages 823–831, 4th International Conference on Information Technology and Quantitative Management (ITQM), Asan, Korea, 2016, Elsevier, Proc. ISI	2019	08	Bolos, MI; Bradea, IA; Delcea, C	Modeling the Performance Indicators of Financial Assets with Neutrosophic Fuzzy Numbers	Symmetry-Basel	2073-8994
100.	Sorin Nădăban, Simona Dziţac, Ioan Dzitac, Fuzzy TOPSIS: A General View, Procedia Computer Science, Volume 91, 2016, Pages 823–831, 4th International Conference on Information Technology and Quantitative Management (ITQM), Asan, Korea, 2016, Elsevier, Proc. ISI	2019	12	Effendy, F; Nuqoba, B; Taufik	ulinary recommendation application based on user preferences using fuzzy topsis	Iium Engineering Journal	1511-788X
101.	Sorin Nădăban, Simona Dziţac, Ioan Dzitac, Fuzzy TOPSIS: A General View, Procedia Computer Science, Volume 91, 2016, Pages 823–831, 4th International Conference on Information Technology and Quantitative Management (ITQM), Asan, Korea, 2016, Elsevier, Proc. ISI	2019	10	Zafar, I; Wuni, IY; Shen, GQP Zahoor, H; Xue, J	A decision support framework for sustainable highway alignment embracing variant preferences of stakeholders: case of China Pakistan economic corridor	Journal of environmental planning and management	0964-0568
102.	Dzitac, S, Vesselenyi, T, Popper, L, Moga, I, Secui, CD, Fuzzy Algorithm for Human Drowsiness Detection Devices, Studies In Informatics And Control, Volume: 19 Issue: 4 Pages: 419-426 Published: DEC 2010	2019	12	PH Truong, S You, SH Ji, GM Jeong,	Wearable System for Daily Activity Recognition Using Inertial and Pressure Sensors of a Smart Band and Smart Shoes	International Journal of Computers Communications &Control, Volume:14, Issue: 6, Pages: 726-742, Published: Dec 2019	1841-9836
103.	Dzitac, S, Vesselenyi, T, Popper, L, Moga, I, Secui, CD, Fuzzy Algorithm for Human Drowsiness Detection Devices, Studies In Informatics And Control, Volume: 19 Issue: 4 Pages: 419-426 Published: DEC 2010	2020	08	Y Bouteraa, IB Abdallah, A ElMogy, A Ibrahim, Usman Tariq, Tariq Ahmad	A Fuzzy Logic Architecture for Rehabilitation Robotic Systems	International Journal of Computers Communications &Control, vol. 15, n. 4, Aug 2020. ISSN 1841-9844	1841-9836
104.	Endrowednes Kuantama, Tiberiu Vesselenyi, Simona Dziţac, Radu Ţarcă, *PID and Fuzzy-PID Control Model for Quadcopter Attitude with Disturbance Parameter,* International Journal Of Computers Communications & Control, ISSN 1841-9836, 12(4), pp 519-532, August 2017, factor de impact: 1,585, ISI	2019	09	Zhou, HB; Chen, R; Zhou, S ; Liu, ZZ	Design and Analysis of a Drive System for a Series Manipulator Based on Orthogonal-Fuzzy PID Control	Electronics	2079-9292
105.	Endrowednes Kuantama, Tiberiu Vesselenyi, Simona Dziţac, Radu Ţarcă, *PID and Fuzzy-PID Control Model for Quadcopter Attitude with Disturbance Parameter,* International Journal Of Computers Communications & Control, ISSN 1841-9836, 12(4), pp 519-532, August 2017, factor de impact: 1,585, ISI	2019	12	Yildirim, S ; Cabuk, N; Bakircioglu, V	Design and trajectory control of universal drone system	Measurement	0263-2241
106.	Endrowednes Kuantama, Tiberiu Vesselenyi, Simona Dziţac, Radu Ţarcă, *PID and Fuzzy-PID Control Model for Quadcopter Attitude with Disturbance Parameter,* International Journal Of Computers Communications & Control, ISSN 1841-9836, 12(4), pp 519-532, August 2017, factor de impact: 1,585, ISI	2019	12	Carlucho, I; De Paula, M; Acosta, GG	Double Q-PID algorithm for mobile robot control	Expert systems with applications	0957-4174
107.	Endrowednes Kuantama, Tiberiu Vesselenyi, Simona Dziţac, Radu Ţarcă, *PID and Fuzzy-PID Control Model for Quadcopter Attitude with Disturbance Parameter,* International Journal Of Computers Communications & Control, ISSN 1841-9836, 12(4), pp 519-532, August 2017, factor de impact: 1,585, ISI	2019	12	El Hamidi, K; Mjahed, M; El Kari, A; Ayad, H	Neural Network and Fuzzy-logic-based Self-tuning PID Control for Quadcopter Path Tracking	Studies in informatics and control	1220-1766

108.	Secui DC; Bendea G; Dzitac S et al., A Modified Harmony Search Algorithm For The Economic Dispatch Problem, , Studies In Informatics And Control,Volume: 23, Issue: 2, Pages: 143-152, Published: Jun 2014	2019	05	Q Zhang, D Zou, N Duan, X Shen,	An adaptive differential evolutionary algorithm incorporating multiple mutation strategies for the economic load dispatch problem,	Applied Soft Computing, Volume 78, May 2019, Pages 641-669	1568-4946
109.	Secui DC; Bendea G; Dzitac S et al., A Modified Harmony Search Algorithm For The Economic Dispatch Problem, , Studies In Informatics And Control,Volume: 23, Issue: 2, Pages: 143-152, Published: Jun 2014	2021	02	M Alharthi, S Ghoneim, A Elsayed, R El-Sehiemy, AM Shaheen, A Ginidi	A Multi-Objective Marine Predator Optimizer for Optimal Techno-Economic Operation of AC/DC Grid	Studies in Informatics and Control, 30(2):89-99, 2021	1220-1766
110.	Secui DC; Bendea G; Dzitac S et al., A Modified Harmony Search Algorithm For The Economic Dispatch Problem, , Studies In Informatics And Control,Volume: 23, Issue: 2, Pages: 143-152, Published: Jun 2014	2022	05	MW Tian, K Alattas, F El-Sousy s.a.	A New Short Term Electrical Load Forecasting by Type-2 Fuzzy Neural Networks,	Energies 15(9):3034	0360-5442
111.	Secui DC; Bendea G; Dzitac S et al., A Modified Harmony Search Algorithm For The Economic Dispatch Problem, , Studies In Informatics And Control,Volume: 23, Issue: 2, Pages: 143-152, Published: Jun 2014	2022	06	A Srivastava; D Kumar Das	A New Aggrandized Class Topper Optimization Algorithm to Solve Economic Load Dispatch Problem in a Power System	IEEE Transactions on Cybernetics, 2022, 52(6), pp.4187-4197	2168-2267
112.	Secui DC, The chaotic global best artificial bee colony algorithm for the multi-area economic/emission dispatch. Energy, Vol. 93, Part 2, 15 December 2015, Pages 2518-2545, ISSN: 0360-5442	2019	07	M Gheisarnejad, MH Khooban	SECONDARY LOAD FREQUENCY CONTROL FOR MULTI-MICROGRIDS: HIL REAL-TIME SIMULATION	Soft Computing, Volume: 23, Issue: 14, Pages: 5785-5798	1432-7643
113.	Secui DC, The chaotic global best artificial bee colony algorithm for the multi-area economic/emission dispatch. Energy, Vol. 93, Part 2, 15 December 2015, Pages 2518-2545, ISSN: 0360-5442	2019	01	J Lin, ZJ Wang	MULTI-AREA ECONOMIC DISPATCH USING AN IMPROVED STOCHASTIC FRACTAL SEARCH ALGORITHM	Energy, Volume: 166, Pages: 47-58	0360-5442
114.	Secui DC, The chaotic global best artificial bee colony algorithm for the multi-area economic/emission dispatch. Energy, Vol. 93, Part 2, 15 December 2015, Pages 2518-2545, ISSN: 0360-5442	2019	08	X CHEN, P WANG, Q WANG, Y DONG	A TWO-STAGE STRATEGY TO HANDLE EQUALITY CONSTRAINTS IN ABC-BASED POWER ECONOMIC DISPATCH PROBLEMS	Soft Computing, Volume: 23, Issue: 15, Pages: 6679-6696	1432-7643
115.	Secui DC, The chaotic global best artificial bee colony algorithm for the multi-area economic/emission dispatch. Energy, Vol. 93, Part 2, 15 December 2015, Pages 2518-2545, ISSN: 0360-5442	2019	01	MJ Mokarram, T Niknam; J Aghaei; M Shafie-Khah; JPS Catalão	Hybrid Optimization Algorithm To Solve The Nonconvex Multiarea Economic Dispatch Problem	IEEE Systems Journal, **Page(S):** 1– 10, **Publisher:** IEEE	1932-8184
116.	Secui DC, The chaotic global best artificial bee colony algorithm for the multi-area economic/emission dispatch. Energy, Vol. 93, Part 2, 15 December 2015, Pages 2518-2545, ISSN: 0360-5442	2019	01	AM Shehata	Model Predictive Control Of Electric Power And Reserve Dynamic Dispatch Including Demand Response	Journal Of Intelligent & Fuzzy Systems, Volume: 37, Issue:1, Pages: 159-170	1064-1246
117.	Secui DC, The chaotic global best artificial bee colony algorithm for the multi-area economic/emission dispatch. Energy, Vol. 93, Part 2, 15 December 2015, Pages 2518-2545, ISSN: 0360-5442	2019	04	Zhaolu Guo, Xiaofeng Xiong Ron, Xiaoyun Xia Rtion, Xiaosheng Liu	Chaotic Artificial Bee Colony With Elite Opposition-Based Learning	International Journal Of Computational Science And Engineering, Vol. 18, No. 4, Pages: 383-390	1742-7185
118.	Secui DC, The chaotic global best artificial bee colony algorithm for the multi-area economic/emission dispatch. Energy, Vol. 93, Part 2, 15 December 2015, Pages 2518-2545, ISSN: 0360-5442	2019	10	H Shin, TH Kim, H Kim, S Lee, W Kim	Environmental Shutdown Of Coal-Fired Generators For Greenhouse Gas Reduction: A Case Study Of South Korea	Applied Energy, Vol. 252, 113453	0306-2619
119.	Secui DC, The chaotic global best artificial bee colony algorithm for the multi-area economic/emission dispatch. Energy, Vol. 93, Part 2, 15 December 2015, Pages 2518-2545, ISSN: 0360-5442	2019	09	Mohammad Jafar Mokarram, Mohsen Gitizadeh, Taher Niknam, Solmaz Niknam	A Novel Robust And Effective Parallel Process To Coordinate Multi Area Economic Dispatch (MAED) Problems In The Presence Of Uncertainty	IET Generation Transmission & Distribution, Volume:13, Issue: 18, Pages: 4197-4205	1751-8687
120.	Secui DC, The chaotic global best artificial bee colony algorithm for the multi-area economic/emission dispatch. Energy, Vol. 93, Part 2, 15 December 2015, Pages 2518-2545, ISSN: 0360-5442	2019	11	J ZHU, T ZHU, M LIU, W LU	DECENTRALIZED OPTIMAL DISPATCH OF MULTI-AREA POWER SYSTEMS BASED ON NONLINEAR VALUE-FUNCTION APPROXIMATION	IET Generation, Transmission & Distribution, Volume: 13, Issue: 22, Pages: 5083-5090	1751-8687
121.	Secui DC, The chaotic global best artificial bee colony algorithm for the multi-area economic/emission dispatch. Energy, Vol. 93, Part 2, 15 December 2015, Pages 2518-2545, ISSN: 0360-5442	2019	07	ZHENG HONGFENG	DYNAMIC ECONOMIC DISPATCH BASED ON IMPROVED DIFFERENTIAL EVOLUTION ALGORITHM.	Cluster Computing-The Journal of Networks, Software Tools and Applications, Volume: 22, Supplement: 4, Pages: S8241-S8248 2019	1386-7857
122.	Secui DC, The chaotic global best artificial bee colony algorithm for the multi-area economic/emission dispatch. Energy, Vol. 93, Part 2, 15 December 2015, Pages 2518-2545, ISSN: 0360-5442	2020	08	RS PATWAL, N NARANG	MULTI-OBJECTIVE GENERATION SCHEDULING OF INTEGRATED ENERGY SYSTEM USING FUZZY BASED SURROGATE WORTH TRADE-OFF APPROACH	Renewable Energy, Volume: 156,Pages: 864-882,Published: AUG 2020	0960-1481
123.	Secui DC, The chaotic global best artificial bee colony algorithm for the multi-area economic/emission dispatch. Energy, Vol. 93, Part 2, 15 December 2015, Pages 2518-2545, ISSN: 0360-5442	2020	07	AZIZIVAHED, ALI; AREFI, ALI; NADERI, EHSAN, ET. AL..	, An Efficient Hybrid Approach to Solve Bi-objective Multi-area Dynamic Economic Emission Dispatch Problem	Electric Power Components And Systems Volume: 48,Issue: 4-5,Pages: 485-500,Published: JUL 28 2020	1532-5008
124.	Secui DC, The chaotic global best artificial bee colony algorithm for the multi-area economic/emission dispatch. Energy, Vol. 93, Part 2, 15	2020	09	V SAKTHIVEL, HH GOH, S SUBRAMANIAN, P SATHYA	MULTI-OBJECTIVE SQUIRREL SEARCH ALGORITHM FOR MULTI-AREA ECONOMIC ENVIRONMENTAL DISPATCH	IEEE Access, 2020, 9, pp. 3988-4007	2169-3536

	December 2015, Pages 2518-2545, ISSN: 0360-5442				WITH MULTIPLE FUELS AND VALVE POINT EFFECTS		
125.	Secui DC, The chaotic global best artificial bee colony algorithm for the multi-area economic/emission dispatch. Energy, Vol. 93, Part 2, 15 December 2015, Pages 2518-2545, ISSN: 0360-5442	2021	06	OLATUNJI MATTHEW ADEYANJU, LUCIANE NEVES CANHA, CAMILO ALBERTO SEPÚLVEDA RANGEL, JOSUE CAMPOS DO PRADO	Semi-decentralized and fully decentralized multiarea economic dispatch considering participation of local private aggregators using meta-heuristic method	International Journal of Electrical Power & Energy Systems, Volume 128, June 2021, 106656	0142-0615
126.	Secui DC, The chaotic global best artificial bee colony algorithm for the multi-area economic/emission dispatch. Energy, Vol. 93, Part 2, 15 December 2015, Pages 2518-2545, ISSN: 0360-5442	2021	02	NADERIPOUR A, KALAM A, ABDUL-MALEK Z, DAVOUDKHANI IF, BIN MUSTAFA MW, GUERRERO JM	An Effective Algorithm for MAED Problems with a New Reliability Model at the Microgrid	Electronics, Feb. 2021, 10 (3), 257. https://doi.org/10.3390/electronics10030257	2079-9292
127.	Secui DC, The chaotic global best artificial bee colony algorithm for the multi-area economic/emission dispatch. Energy, Vol. 93, Part 2, 15 December 2015, Pages 2518-2545, ISSN: 0360-5442	2021	05	W DAI, Z YANG, J YU, W CUI, W LI, J LI, H LIU	Economic Dispatch of Interconnected Networks Considering Hidden Flexibility	Energy, 2021, Vol. 223	0360-5442
128.	Secui DC, The chaotic global best artificial bee colony algorithm for the multi-area economic/emission dispatch. Energy, Vol. 93, Part 2, 15 December 2015, Pages 2518-2545, ISSN: 0360-5442	2021	06	H NOURIANFAR, H ABDI	SOLVING POWER SYSTEMS OPTIMIZATION PROBLEMS IN THE PRESENCE OF RENEWABLE ENERGY SOURCES USING MODIFIED EXCHANGE MARKET ALGORITHM	Sustainable Energy, Grids and Networks, Vol. 26, 100449	2352-4677
129.	Secui DC, The chaotic global best artificial bee colony algorithm for the multi-area economic/emission dispatch. Energy, Vol. 93, Part 2, 15 December 2015, Pages 2518-2545, ISSN: 0360-5442	2021	03	VP SAKTHIVEL, PD SATHYA	MULTI-AREA ECONOMIC ENVIRONMENTAL DISPATCH USING MULTI-OBJECTIVE SQUIRREL SEARCH ALGORITHM	Evolving Systems, DOI 10.1007/s12530-021-09366-5,	1868-6478
130.	Secui DC, The chaotic global best artificial bee colony algorithm for the multi-area economic/emission dispatch. Energy, Vol. 93, Part 2, 15 December 2015, Pages 2518-2545, ISSN: 0360-5442	2021	10	MJ MOKARRAM, M GITIZADEH, T NIKNAM, KE OKEDU	A DECENTRALIZED GRANULAR-BASED METHOD TO ANALYZE MULTI-AREA ENERGY MANAGEMENT SYSTEMS INCLUDING DGS, BATTERIES AND ELECTRIC VEHICLE PARKING LOTS	Journal of Energy Storage, 42(103128):1-10, Oct. 2021	2352-152X
131.	Secui DC, The chaotic global best artificial bee colony algorithm for the multi-area economic/emission dispatch. Energy, Vol. 93, Part 2, 15 December 2015, Pages 2518-2545, ISSN: 0360-5442	2022	01	X CHEN, G TANG	SOLVING STATIC AND DYNAMIC MULTI-AREA ECONOMIC DISPATCH PROBLEMS USING AN IMPROVED COMPETITIVE SWARM OPTIMIZATION ALGORITHM,	Energy, Vol. 238, Part C, Article Number 122035, 2022	0360-5442
132.	Secui DC, The chaotic global best artificial bee colony algorithm for the multi-area economic/emission dispatch. Energy, Vol. 93, Part 2, 15 December 2015, Pages 2518-2545, ISSN: 0360-5442	2022	05	A MENG, C ZENG, X XU, W DING, S LIU, D CHEN	Decentralized Power Economic Dispatch by Distributed Crisscross Optimization in Multi-Agent System	Energy, Vol. 246, 1 May 2022, 123392	0360-5442
133.	Secui DC, The chaotic global best artificial bee colony algorithm for the multi-area economic/emission dispatch. Energy, Vol. 93, Part 2, 15 December 2015, Pages 2518-2545, ISSN: 0360-5442	2022	12	M SUTAR, H. T. JADHAV	An economic/emission dispatch based on a new multi-objective artificial bee colony optimization algorithm and NSGA-II	Evolutionary Intelligence,	1864-5909
134.	Secui DC, The chaotic global best artificial bee colony algorithm for the multi-area economic/emission dispatch. Energy, Vol. 93, Part 2, 15 December 2015, Pages 2518-2545, ISSN: 0360-5442	2023	02	GIRISHKUMAR G, GANESAN, S, JAYAKUMAR N, SUBRAMANIAN S	Black Widow Optimization for Multi Area Economic Emission Dispatch	Intelligent Automation and Soft Computing, 35(1)	1079-8587
135.	Secui DC, The chaotic global best artificial bee colony algorithm for the multi-area economic/emission dispatch. Energy, Vol. 93, Part 2, 15 December 2015, Pages 2518-2545, ISSN: 0360-5442	2023	03	Y SHARIFIAN, H ABDI	Solving multi-area economic dispatch problem using hybrid exchange market algorithm with grasshopper optimization algorithm	Energy, Volume 267, 126550	0360-5442
136.	Secui DC, The chaotic global best artificial bee colony algorithm for the multi-area economic/emission dispatch. Energy, Vol. 93, Part 2, 15 December 2015, Pages 2518-2545, ISSN: 0360-5442	2023	05	C LIN, H LIANG, A PANG	A fast data-driven optimization method of multi-area combined economic emission dispatch	Applied Energy, Vol. 337, 120884	0306-2619
137.	Secui DC, The chaotic global best artificial bee colony algorithm for the multi-area economic/emission dispatch. Energy, Vol. 93, Part 2, 15 December 2015, Pages 2518-2545, ISSN: 0360-5442	2023	07	M. BASU	MULTI-COUNTY COMBINED HEAT AND POWER DYNAMIC ECONOMIC EMISSION DISPATCH INCORPORATING ELECTRIC VEHICLE PARKING LOT	Energy, Vol. 275, Article No. 127523	0360-5442
138.	Secui DC, The chaotic global best artificial bee colony algorithm for the multi-area economic/emission dispatch. Energy, Vol. 93, Part 2, 15 December 2015, Pages 2518-2545, ISSN: 0360-5442	2023	05	M SUTAR, HT JADHAV	A modified artificial bee colony algorithm based on a non-dominated sorting genetic approach for combined economic-emission load dispatch problem	Applied Soft Computing, 110433	1568-4946
139.	Secui DC, The chaotic global best artificial bee colony algorithm for the multi-area economic/emission dispatch. Energy, Vol. 93, Part 2, 15 December 2015, Pages 2518-2545, ISSN: 0360-5442	2023	06	W YANG, X ZHU, F NIE, H JIAO, Q XIAO, Z YANG	Chaos Moth Flame Algorithm for Multi-Objective Dynamic Economic Dispatch Integrating with Plug-In Electric Vehicles	Electronics 12(12):2742	2079-9292
140.	Secui DC, The chaotic global best artificial bee colony algorithm for the multi-area economic/emission dispatch. Energy, Vol. 93, Part 2, 15 December 2015, Pages 2518-2545, ISSN: 0360-5442	2023	11	W YANG, X ZHU, Q XIAO, Z YANG	Enhanced Multi-Objective Marine Predator Algorithm for Dynamic Economic-Grid Fluctuation Dispatch with Plug-In Electric Vehicles	Energy, Vol. 282, No. 128901	0360-5442

141.	Secui DC. A modified Symbiotic Organisms Search algorithm for large scale economic dispatch problem with valve-point effects. Energy, Volume 113, 15 October 2016, Pages 366–384, ISSN: 0360-5442	2022	10	Y SHARIFIAN, H ABDI	Solving multi-zone combined heat and power economic emission dispatch problem considering wind uncertainty by applying grasshopper optimization	Sustainable Energy Technologies and Assessments, Oct. 2022, 53, ISSN:	2213-1388
142.	Secui DC. A modified Symbiotic Organisms Search algorithm for large scale economic dispatch problem with valve-point effects. Energy, Volume 113, 15 October 2016, Pages 366–384, ISSN: 0360-5442	2022	12	AM IKOTUN, AE EZUGWU	Improved SOSK-Means Automatic Clustering Algorithm with a Three-Part Mutualism Phase and Random Weighted Reflection Coefficient for High-Dimensional Datasets	Applied Sciences-Basel, Dec. 2022, 12(24), 13019.	2076-3417
143.	Secui DC. A modified Symbiotic Organisms Search algorithm for large scale economic dispatch problem with valve-point effects. Energy, Volume 113, 15 October 2016, Pages 366–384, ISSN: 0360-5442	2022	11	A CHAKRABORTY, S NAMA, A KUMAR SAHA	AN IMPROVED SYMBIOTIC ORGANISMS SEARCH ALGORITHM FOR HIGHER DIMENSIONAL OPTIMIZATION PROBLEMS	Knowledge-Based Systems, 236, November 2022	0950-7051
144.	Secui DC. A modified Symbiotic Organisms Search algorithm for large scale economic dispatch problem with valve-point effects. Energy, Volume 113, 15 October 2016, Pages 366–384, ISSN: 0360-5442	2022	05	K BHATTACHARJEE, K SHAH, J SONI	Solving Economic Dispatch using Artificial Eco System-based Optimization	Electric Power Components and Systems, 2022, 49 (11-12), 1034-1051	1532-5008
145.	Secui DC. A modified Symbiotic Organisms Search algorithm for large scale economic dispatch problem with valve-point effects. Energy, Volume 113, 15 October 2016, Pages 366–384, ISSN: 0360-5442	2022	03	S BASU, S KUMAR, M BASU	HORSE HERD OPTIMIZATION ALGORITHM FOR ECONOMIC DISPATCH PROBLEMS	Engineering Optimization, 2022	0305-215X
146.	Secui DC. A modified Symbiotic Organisms Search algorithm for large scale economic dispatch problem with valve-point effects. Energy, Volume 113, 15 October 2016, Pages 366–384, ISSN: 0360-5442	2022	04	CAO Y, T LI, T HE, WEI Y, LI M, SI F	Multiobjective Load Dispatch for Coal-Fired Power Plants under Renewable-Energy Accommodation Based on a Nondominated-Sorting Grey Wolf Optimizer Algorithm	Energies, 15(8):2915, 2022	1996-1073
147.	Secui DC. A modified Symbiotic Organisms Search algorithm for large scale economic dispatch problem with valve-point effects. Energy, Volume 113, 15 October 2016, Pages 366–384, ISSN: 0360-5442	2022	10	S XU, G XIONG, AW MOHAMED	Forgetting velocity based improved comprehensive learning particle swarm optimization for non-convex economic dispatch problems with valve-point effects and multi-fuel options	Energy, 124511, 2022	0360-5442
148.	Secui DC. A modified Symbiotic Organisms Search algorithm for large scale economic dispatch problem with valve-point effects. Energy, Volume 113, 15 October 2016, Pages 366–384, ISSN: 0360-5442	2021	01	S KAWAMBWA, N HAMISI, P MAFOLE, H KUNDAEL	A CLOUD MODEL BASED SYMBIOTIC ORGANISM SEARCH ALGORITHM FOR DG ALLOCATION IN RADIAL DISTRIBUTION NETWORK	Evolutionary Intelligence, 2021, DOI 10.1007/s12065-020-00529-y	1864-5909
149.	Secui DC. A modified Symbiotic Organisms Search algorithm for large scale economic dispatch problem with valve-point effects. Energy, Volume 113, 15 October 2016, Pages 366–384, ISSN: 0360-5442	2021	02	T THANH NGUYEN, TQ NGO, TL DUONG, TT NGUYEN	FINDING RADIAL NETWORK CONFIGURATION OF DISTRIBUTION SYSTEM BASED ON MODIFIED SYMBIOTIC ORGANISMS SEARCH	Complexity, Feb. 2021, Article Number 7135318	1076-2787
150.	Secui DC. A modified Symbiotic Organisms Search algorithm for large scale economic dispatch problem with valve-point effects. Energy, Volume 113, 15 October 2016, Pages 366–384, ISSN: 0360-5442	2021	07	X LI, L FU, Z LU	A NOVEL CONSTRAINTS HANDLING MECHANISM BASED ON VIRTUAL GENERATOR UNIT FOR ECONOMIC DISPATCH PROBLEMS WITH VALVE POINT EFFECTS	International Journal of Electrical Power & Energy, vol. 129	0142-0615
151.	Secui DC. A modified Symbiotic Organisms Search algorithm for large scale economic dispatch problem with valve-point effects. Energy, Volume 113, 15 October 2016, Pages 366–384, ISSN: 0360-5442	2021	03	MF TABASSUM, M SAEED, NA CHAUDHRY, J ALI, MUHAMMAD FARMAN, SANA AKRAM	EVOLUTIONARY SIMPLEX ADAPTIVE HOOKE-JEEVES ALGORITHM FOR ECONOMIC LOAD DISPATCH PROBLEM CONSIDERING VALVE POINT LOADING EFFECTS	Ain Shams Engineering Journal, Volume 12, Issue 1, Pages 1001-1015	2090-4479
152.	Secui DC. A modified Symbiotic Organisms Search algorithm for large scale economic dispatch problem with valve-point effects. Energy, Volume 113, 15 October 2016, Pages 366–384, ISSN: 0360-5442	2021	08	F MIAO, L YAO, X ZHAO	SYMBIOTIC ORGANISMS SEARCH ALGORITHM USING RANDOM WALK AND ADAPTIVE CAUCHY MUTATION ON THE FEATURE SELECTION OF SLEEP STAGING	Expert Systems with Applications, Vol. 176, 15, 11488	0957-4174
153.	Secui DC. A modified Symbiotic Organisms Search algorithm for large scale economic dispatch problem with valve-point effects. Energy, Volume 113, 15 October 2016, Pages 366–384, ISSN: 0360-5442	2021	09	HSING-CHIH TSAI	A corrected and improved symbiotic organisms search algorithm for continuous optimization	Expert Systems with Applications, Vol. 177, 1 September 2021, 114981	0957-4174
154.	Secui DC. A modified Symbiotic Organisms Search algorithm for large scale economic dispatch problem with valve-point effects. Energy, Volume 113, 15 October 2016, Pages 366–384, ISSN: 0360-5442	2021	09	F MIAO, L YAO, X ZHAO	EVOLVING CONVOLUTIONAL NEURAL NETWORKS BY SYMBIOTIC ORGANISMS SEARCH ALGORITHM FOR IMAGE CLASSIFICATION	Applied Soft Computing, Sept. 2021, Vol 109, Article Number 107537	1568-4946
155.	Secui DC. A modified Symbiotic Organisms Search algorithm for large scale economic dispatch problem with valve-point effects. Energy, Volume 113, 15 October 2016, Pages 366–384, ISSN: 0360-5442	2021	05	A CHAKRABORTY, AK SAHA, S SHARMA, R CHAKRABORTY, S DEBNATH	A HYBRID WHALE OPTIMIZATION ALGORITHM FOR GLOBAL OPTIMIZATION	Journal of Ambient Intelligence and Humanized Computing, DOI 10.1007/s12652-021-03304-8, 2021	1868-5137

156.	Secui DC. A modified Symbiotic Organisms Search algorithm for large scale economic dispatch problem with valve-point effects. Energy, Volume 113, 15 October 2016, Pages 366–384, ISSN: 0360-5442	2021	07	SULEIMAN SA'AD, ABDULLAH MUHAMMED, MOHAMMED ABDULLAHI, FAHRUL HAKIM AYOB	An Enhanced Discrete Symbiotic Organism Search Algorithm for Optimal Task Scheduling in the Cloud	Algorithms 14(7): 200	1999-4893
157.	Secui DC. A modified Symbiotic Organisms Search algorithm for large scale economic dispatch problem with valve-point effects. Energy, Volume 113, 15 October 2016, Pages 366–384, ISSN: 0360-5442	2021	11	G KAUR, J.S. DHILLON	Economic power generation scheduling exploiting hill-climbed Sine–Cosine algorithm,	Applied Soft Computing, 111(1):107690	1568-4946
158.	Secui DC. A modified Symbiotic Organisms Search algorithm for large scale economic dispatch problem with valve-point effects. Energy, Volume 113, 15 October 2016, Pages 366–384, ISSN: 0360-5442	2021	08	SUDEEPA DAS, TIRATH PRASAD SAHU, REKH RAM JANGHEL	OPTIMIZED FUZZY BASED SYMBIOTIC ORGANISM SEARCH ALGORITHM FOR ENGINEERING DESIGN PROBLEM	Evolutionary Intelligence, DOI 10.1007/s12065-021-00650-6	1864-5909
159.	Secui DC. A modified Symbiotic Organisms Search algorithm for large scale economic dispatch problem with valve-point effects. Energy, Volume 113, 15 October 2016, Pages 366–384, ISSN: 0360-5442	2021	10	BO ZENG,·HAO XU,·WENSHI WANG,·LEI ZHU	IMPROVED SYMBIOTIC ORGANISMS SEARCH ALGORITHM FOR OPTIMAL OPERATION OF ACTIVE DISTRIBUTION SYSTEMS INCORPORATING RENEWABLES AND EMERGING DATA-CENTER RESOURCES	Energy Science & Engineering, 9(10), pp.1733-1733	2050-0505
160.	Secui DC. A modified Symbiotic Organisms Search algorithm for large scale economic dispatch problem with valve-point effects. Energy, Volume 113, 15 October 2016, Pages 366–384, ISSN: 0360-5442	2021	11	H BILAL, F ÖZTÜRK, RUBBER BUSHING	OPTIMIZATION BY USING A NOVEL CHAOTIC KRILL HERD OPTIMIZATION ALGORITHM	Soft Computing, 25 (22), pp. 14333-14355	1432-7643
161.	Secui DC. A modified Symbiotic Organisms Search algorithm for large scale economic dispatch problem with valve-point effects. Energy, Volume 113, 15 October 2016, Pages 366–384, ISSN: 0360-5442	2021	10	S BASU, M BASU	MODIFIED STUDENT PSYCHOLOGY BASED OPTIMIZATION ALGORITHM FOR ECONOMIC DISPATCH PROBLEMS	Applied Artificial Intelligence, DOI 10.1080/08839514.2021.1985050	0883-9514
162.	Secui DC. A modified Symbiotic Organisms Search algorithm for large scale economic dispatch problem with valve-point effects. Energy, Volume 113, 15 October 2016, Pages 366–384, ISSN: 0360-5442	2021	10	X LI, J XU, Z LU	DIFFERENTIAL EVOLUTION ALGORITHM BASED ON STATE TRANSITION OF SPECIFIC INDIVIDUALS FOR ECONOMIC DISPATCH PROBLEMS WITH VALVE POINT EFFECTS	Journal of Electrical Engineering & Technology, DOI 10.1007/s42835-021-00918-y	1975-0102
163.	Secui DC. A modified Symbiotic Organisms Search algorithm for large scale economic dispatch problem with valve-point effects. Energy, Volume 113, 15 October 2016, Pages 366–384, ISSN: 0360-5442	2020	05	S PAN, J JIAN, H CHEN, L YANG	A FULL MIXED-INTEGER LINEAR PROGRAMMING FORMULATION FOR ECONOMIC DISPATCH WITH VALVE-POINT EFFECTS, TRANSMISSION LOSS AND PROHIBITED OPERATING ZONES	Electric Power Systems Research, Volume: 180, Article Number: 106061, Published: MAR 2020	0378-7796
164.	Secui DC. A modified Symbiotic Organisms Search algorithm for large scale economic dispatch problem with valve-point effects. Energy, Volume 113, 15 October 2016, Pages 366–384, ISSN: 0360-5442	2020	01	ABDULLAHI, MOHAMMED; NGADI, MD ASRI; DISHING, SALIHU IDI; ET AL	A survey of symbiotic organisms search algorithms and applications	Neural Computing & Applications, Volume: 32,Issue: 2, Special Issue: SI, Pages: 547-566, Published: JAN 2020	0941-0643
165.	Secui DC. A modified Symbiotic Organisms Search algorithm for large scale economic dispatch problem with valve-point effects. Energy, Volume 113, 15 October 2016, Pages 366–384, ISSN: 0360-5442	2020	04	D DINH-CONG, T NGUYEN-THOI, DT NGUYEN	A FE MODEL UPDATING TECHNIQUE BASED ON SAP2000-OAPI AND ENHANCED SOS ALGORITHM FOR DAMAGE ASSESSMENT OF FULL-SCALE STRUCTURES	Applied Soft Computing, Volume: 89, Article Number: 106100, Published: APR 2020	1568-4946
166.	Secui DC. A modified Symbiotic Organisms Search algorithm for large scale economic dispatch problem with valve-point effects. Energy, Volume 113, 15 October 2016, Pages 366–384, ISSN: 0360-5442	2020	05	V KANSAL, JS DHILLON	Emended salp swarm algorithm for multiobjective electric power dispatch problem	Applied Soft Computing, Vol. 90, May 2020, 106172	1568-4946
167.	Secui DC. A modified Symbiotic Organisms Search algorithm for large scale economic dispatch problem with valve-point effects. Energy, Volume 113, 15 October 2016, Pages 366–384, ISSN: 0360-5442	2020	07	MR MADADI, S AKBARIFARD, K QADERI	Improved Moth-Swarm Algorithm to predict transient storage model parameters in natural streams	Environmental Pollution, Volume: 262,Pages: Article No.: 114258,Published: 2020	0269-7491
168.	Secui DC. A modified Symbiotic Organisms Search algorithm for large scale economic dispatch problem with valve-point effects. Energy, Volume 113, 15 October 2016, Pages 366–384, ISSN: 0360-5442	2020	09	Z HUANG, J ZHAO, L QI, Z GAO, H DUAN	COMPREHENSIVE LEARNING CUCKOO SEARCH WITH CHAOS-LAMBDA METHOD FOR SOLVING ECONOMIC DISPATCH PROBLEMS	Applied Intelligence, 2020 – Springe, Volume: 50, Issue: 9, Pages: 2779-2799, 2020	0924-669X
169.	Secui DC. A modified Symbiotic Organisms Search algorithm for large scale economic dispatch problem with valve-point effects. Energy, Volume 113, 15 October 2016, Pages 366–384, ISSN: 0360-5442	2020	06	WT EL-SAYED, EF EL-SAADANY, HH ZEINELDIN, A SAAD AL-SUMAITI	Fast initialization methods for the nonconvex economic dispatch problem	Energy, Volume: 201, Article Number: 117635, Published: JUN 15 2020	0360-5442
170.	Secui DC. A modified Symbiotic Organisms Search algorithm for large scale economic dispatch problem with valve-point effects. Energy, Volume 113, 15 October 2016, Pages 366–384, ISSN: 0360-5442	2020	06	M GHASEMI, IF DAVOUDKHANI, E AKBARI	A novel and effective optimization algorithm for global optimization and its engineering applications: Turbulent Flow of Water-based Optimization (TFWO)	Engineering Applications of Artificial Intelligence, Vol. 92, June 2020, 103666	0952-1976
171.	Secui DC. A modified Symbiotic Organisms Search algorithm for large scale economic dispatch problem with valve-point effects. Energy,	2020	07	CY LEE,M TUEGEH	AN OPTIMAL SOLUTION FOR SMOOTH AND NON-SMOOTH COST FUNCTIONS-BASED ECONOMIC	Energies, Volume: 13,Issue: 14, Article Number: 3721,	1996-1073

	Volume 113, 15 October 2016, Pages 366–384, ISSN: 0360-5442				DISPATCH PROBLEM	Published: JUL 2020	
172.	Secui DC. A modified Symbiotic Organisms Search algorithm for large scale economic dispatch problem with valve-point effects. Energy, Volume 113, 15 October 2016, Pages 366–384, ISSN: 0360-5442	2020	12	CL YANG, H SUTRISNO	A clustering-based symbiotic organisms search algorithm for high-dimensional optimization problems	Applied Soft Computing, Volume 97, Part B, December 2020, 106722	1568-4946
173.	Secui DC. A modified Symbiotic Organisms Search algorithm for large scale economic dispatch problem with valve-point effects. Energy, Volume 113, 15 October 2016, Pages 366–384, ISSN: 0360-5442	2020	06	SAKTHIVEL VP; SUMAN M; SATHYA PD	Squirrel search algorithm for economic dispatch with valve-point effects and multiple fuels	Energy Sources: Part B-Economics Planning And Policy, 15(6), Pages: 351-382	1556-7249
174.	Secui DC. A modified Symbiotic Organisms Search algorithm for large scale economic dispatch problem with valve-point effects. Energy, Volume 113, 15 October 2016, Pages 366–384, ISSN: 0360-5442	2019	01	F MIAO, Y ZHOU, Q LUO	COMPLEX-VALUED ENCODING SYMBIOTIC ORGANISMS SEARCH ALGORITHM FOR GLOBAL OPTIMIZATION	Knowledge and Information Systems, Springer , Vol. 58, Issue 1, pp 209–248	0219-1377
175.	Secui DC. A modified Symbiotic Organisms Search algorithm for large scale economic dispatch problem with valve-point effects. Energy, Volume 113, 15 October 2016, Pages 366–384, ISSN: 0360-5442	2019	01	F Miao, Y Zhou, Q Luo	A modified symbiotic organisms search algorithm for unmanned combat aerial vehicle route planning problem	Journal of the Operational Research Society, Volume: 70, Issue: 1, Pages: 21-52, Taylor & Francis	0160-5682
176.	Secui DC. A modified Symbiotic Organisms Search algorithm for large scale economic dispatch problem with valve-point effects. Energy, Volume 113, 15 October 2016, Pages 366–384, ISSN: 0360-5442	2019	02	DTT Do, D Lee, J Lee.	MATERIAL OPTIMIZATION OF FUNCTIONALLY GRADED PLATES USING DEEP NEURAL NETWORK AND MODIFIED SYMBIOTIC ORGANISMS SEARCH FOR EIGEN VALUE PROBLEMS	Composites Part B: Engineering (Elsevier), Volume 159, Pages 300-326	1359-8368
177.	Secui DC. A modified Symbiotic Organisms Search algorithm for large scale economic dispatch problem with valve-point effects. Energy, Volume 113, 15 October 2016, Pages 366–384, ISSN: 0360-5442	2019	01	D McLarty, N Panossian, F Jabbari	A TRAVERSO. DYNAMIC ECONOMIC DISPATCH USING COMPLEMENTARY QUADRATIC PROGRAMMING	ENERGY, VOLUME: 166 , PAGES: 755-764	0360-5442
178.	Secui DC. A modified Symbiotic Organisms Search algorithm for large scale economic dispatch problem with valve-point effects. Energy, Volume 113, 15 October 2016, Pages 366–384, ISSN: 0360-5442	2019	04	Absalom E.Ezugwu, Doddy Prayogo	Symbiotic Organisms Search Algorithm: theory, recent advances and applications	Expert Systems with Applications, Vol. 119, Pages: 184-209	0957-4174
179.	Secui DC. A modified Symbiotic Organisms Search algorithm for large scale economic dispatch problem with valve-point effects. Energy, Volume 113, 15 October 2016, Pages 366–384, ISSN: 0360-5442	2019	03	MY Cheng, YF Chiu, C-K Chiu, D Prayogo, Z-L Hsu, C-H Lin	RISK-BASED MAINTENANCE STRATEGY FOR DETERIORATING BRIDGES USING A HYBRID COMPUTATIONAL INTELLIGENCE TECHNIQUE: A CASE STUDY	Structure and Infrastructure Engineering, Maintenance, Management, Life-Cycle Design and Performance, Vol 15, Issue: 3, Pages: 334-350	1573-2479
180.	Secui DC. A modified Symbiotic Organisms Search algorithm for large scale economic dispatch problem with valve-point effects. Energy, Volume 113, 15 October 2016, Pages 366–384, ISSN: 0360-5442	2019	07	GG Tejani, N Pholdee, S Bureerat, D Prayogo, AH Gandomi	Structural Optimization Using Multi-Objective Modified Adaptive Symbiotic Organisms Search	Expert Systems with Applications, Vol. 125, Pages 425-441	0957-4174
181.	Secui DC. A modified Symbiotic Organisms Search algorithm for large scale economic dispatch problem with valve-point effects. Energy, Volume 113, 15 October 2016, Pages 366–384, ISSN: 0360-5442	2019	04	Y Zhou, F Miao, Q Luo	Symbiotic organisms search algorithm for optimal evolutionary controller tuning of fractional fuzzy controllers	Applied Soft Computing, Volume 77, Pages 497-508	1568-4946
182.	Secui DC. A modified Symbiotic Organisms Search algorithm for large scale economic dispatch problem with valve-point effects. Energy, Volume 113, 15 October 2016, Pages 366–384, ISSN: 0360-5442	2019	05	S Saha, V Mukherjee	A NOVEL MULTIOBJECTIVE CHAOTIC SYMBIOTIC ORGANISMS SEARCH ALGORITHM TO SOLVE OPTIMAL DG ALLOCATION PROBLEM IN RADIAL DISTRIBUTION SYSTEM	International Transactions on Electrical Energy Systems, Vol: 29, Issue: 5, Article Number: e2839	2050-7038
183.	Secui DC. A modified Symbiotic Organisms Search algorithm for large scale economic dispatch problem with valve-point effects. Energy, Volume 113, 15 October 2016, Pages 366–384, ISSN: 0360-5442	2019	05	M Abdullahi, MA Ngadi, SI Dishing, BI Ahmad	An efficient symbiotic organisms search algorithm with chaotic optimization strategy for multi-objective task scheduling problems in cloud computing environment	Journal of Network and Computer Applications, 2019, Volume: 133, Pages: 60-74	1084-8045
184.	Secui DC. A modified Symbiotic Organisms Search algorithm for large scale economic dispatch problem with valve-point effects. Energy, Volume 113, 15 October 2016, Pages 366–384, ISSN: 0360-5442	2019	05	S Mahata, R Kar, D Mandal	Optimal Fractional-Order Highpass Butterworth Magnitude Characteristics Realization Using Current-Mode Filter	AEU - International Journal of Electronics and Communications, Vol. 102, Pages: 78-89	1434-8411
185.	Secui DC. A modified Symbiotic Organisms Search algorithm for large scale economic dispatch problem with valve-point effects. Energy, Volume 113, 15 October 2016, Pages 366–384, ISSN: 0360-5442	2019	01	Yalcin, Enes; Taplamacioglu, M. Cengiz; Cam, Ertuogrul	The Adaptive Chaotic Symbiotic Organisms Search Algorithm Proposal for Optimal Reactive Power Dispatch Problem in Power Systems	Istanbul University-Journal Of Electrical And Electronics Engineering (Electrica), Vol. 19, Issue: 1, Pages: 37-47	1303-0914
186.	Secui DC. A modified Symbiotic Organisms Search algorithm for large scale economic dispatch problem with valve-point effects. Energy, Volume 113, 15 October 2016, Pages 366–384, ISSN: 0360-5442	2019	03	LC Kien, TT Nguyen, CT Hien, MQ Duong	A NOVEL SOCIAL SPIDER OPTIMIZATION ALGORITHM FOR LARGE-SCALE ECONOMIC LOAD DISPATCH PROBLEM	Energies, Volume: 12, Issue: 6, Article Number: UNSP 1075	1996-1073

187.	Secui DC. A modified Symbiotic Organisms Search algorithm for large scale economic dispatch problem with valve-point effects. Energy, Volume 113, 15 October 2016, Pages 366–384, ISSN: 0360-5442	2019	06	Maedeh Gholamghasemi, EbrahimAkbari, Mohammad BagherAsadpoor, MojtabaGhasemi	A NEW SOLUTION TO THE NON-CONVEX ECONOMIC LOAD DISPATCH PROBLEMS USING PHASOR PARTICLE SWARM OPTIMIZATION	Applied Soft Computing, 2019, Vol: 79, Pages: 111-124	1568-4946
188.	Secui DC. A modified Symbiotic Organisms Search algorithm for large scale economic dispatch problem with valve-point effects. Energy, Volume 113, 15 October 2016, Pages 366–384, ISSN: 0360-5442	2019	05	M Abdullahi, MA Ngadi, SI Dishing, SM Abdulhamid, MJ Usman	An efficient symbiotic organisms search algorithm with chaotic optimization strategy for multi-objective task scheduling problems in cloud computing environment	Neural Computing and Applications, Volume: 133, Pages: 60-74, Published: MAY 1 2019	0941-0643
189.	Secui DC. A modified Symbiotic Organisms Search algorithm for large scale economic dispatch problem with valve-point effects. Energy, Volume 113, 15 October 2016, Pages 366–384, ISSN: 0360-5442	2019	05	LH Pham, MQ Duong, VD Phan, TT Nguyen	A High-Performance Stochastic Fractal Search Algorithm for Optimal Generation Dispatch Problem	Energies, 2019, 12(9), 1796	1996-1073
190.	Secui DC. A modified Symbiotic Organisms Search algorithm for large scale economic dispatch problem with valve-point effects. Energy, Volume 113, 15 October 2016, Pages 366–384, ISSN: 0360-5442	2019	08	TT Nguyen, C-T Nguyen, LV Dai, Nguyen Vu Quynh	Finding Optimal Load Dispatch Solutions by Using a Proposed Cuckoo Search Algorithm	Mathematical Problems in Engineering, Vol. 2019, Article ID 1564693, 29	1024-123X
191.	Secui DC. A modified Symbiotic Organisms Search algorithm for large scale economic dispatch problem with valve-point effects. Energy, Volume 113, 15 October 2016, Pages 366–384, ISSN: 0360-5442	2019	10	M Kumar, JS Dhillon	A CONGLOMERATED ION-MOTION AND CRISSCROSS SEARCH OPTIMIZER FOR ELECTRIC POWER LOAD DISPATCH	Applied Soft Computing, Volume: 83, Article Number: UNSP 105641	1568-4946
192.	Secui DC. A modified Symbiotic Organisms Search algorithm for large scale economic dispatch problem with valve-point effects. Energy, Volume 113, 15 October 2016, Pages 366–384, ISSN: 0360-5442	2019	07	X Li, H Zhang, Z Lu	A Differential Evolution Algorithm Based on Multi-Population for Economic Dispatch Problems With Valve-Point Effects,	IEEE Access, Vol. 7, pp. 95585– 95609, 2019	2169-3536
193.	Secui DC. A modified Symbiotic Organisms Search algorithm for large scale economic dispatch problem with valve-point effects. Energy, Volume 113, 15 October 2016, Pages 366–384, ISSN: 0360-5442	2023	05	MH Hassan, S Kamel, A Eid, L Nasrat, F Jurado	A developed eagle-strategy supply-demand optimizer for solving economic load dispatch problems	Ain Shams Engineering, Vol. 14, Issue 5, 102083	2090-4479
194.	Secui DC. A modified Symbiotic Organisms Search algorithm for large scale economic dispatch problem with valve-point effects. Energy, Volume 113, 15 October 2016, Pages 366–384, ISSN: 0360-5442	2023	02	S Kumar, BS Yildiz, P Mehta, N Panagant, SM Sait, S Mirjalili, AR Yildiz	Chaotic marine predators algorithm for global optimization of real-world engineering problems	Knowledge-Based Systems, Vol. 261, 110192	0950-7051
195.	Secui DC. A modified Symbiotic Organisms Search algorithm for large scale economic dispatch problem with valve-point effects. Energy, Volume 113, 15 October 2016, Pages 366–384, ISSN: 0360-5442	2023	02	K Shah, J Soni, K Bhattacharjee	Artificial Electric Field Algorithm Applied to the Economic Load Dispatch Problem With Valve Point Loading Effect: AEFA Applied to ELD With VPLE	INTERNATIONAL JOURNAL OF SWARM INTELLIGENCE RESEARCH	1947-9263
196.	Secui DC. A modified Symbiotic Organisms Search algorithm for large scale economic dispatch problem with valve-point effects. Energy, Volume 113, 15 October 2016, Pages 366–384, ISSN: 0360-5442	2023	05	F Kiani, S Nematzadeh, FA Anka, MA Findikli	Chaotic Sand Cat Swarm Optimization	Mathematics, 11, 2340	2227-7390
197.	Secui DC. A modified Symbiotic Organisms Search algorithm for large scale economic dispatch problem with valve-point effects. Energy, Volume 113, 15 October 2016, Pages 366–384, ISSN: 0360-5442	2023	06	W Yang, X Zhu, F Nie, H Jiao, Q Xiao, Z Yang	Chaos Moth Flame Algorithm for Multi-Objective Dynamic Economic Dispatch Integrating with Plug-In Electric Vehicles	Electronics 12(12):2742	2079-9292
198.	Secui DC. A modified Symbiotic Organisms Search algorithm for large scale economic dispatch problem with valve-point effects. Energy, Volume 113, 15 October 2016, Pages 366–384, ISSN: 0360-5442	2023	11	W Yang, X Zhu, Q Xiao, Z Yang	Enhanced Multi-Objective Marine Predator Algorithm for Dynamic Economic-Grid Fluctuation Dispatch with Plug-In Electric Vehicles	Energy, Vol. 282, No. 128901	0360-5442
199.	Secui DC. A modified Symbiotic Organisms Search algorithm for large scale economic dispatch problem with valve-point effects. Energy, Volume 113, 15 October 2016, Pages 366–384, ISSN: 0360-5442	2023	10	Al AK Ismaeel, EH Houssein, DS Khafaga, EA Aldakheel, AS AbdElrazek, M Said	Performance of Osprey Optimization Algorithm for Solving Economic Load Dispatch Problem	Mathematics, 11(19):4107	2227-7390
200.	Secui DC, Large-scale multi-area economic/emission dispatch based on a new symbiotic organisms search algorithm, Energy Conversion and Management, Vol. 154 (Decembrie 2017), pp. 203-223, ISSN 0196-8904	2022	01	DEXUAN ZOU, DUNWEI GONG	DIFFERENTIAL EVOLUTION BASED ON MIGRATING VARIABLES FOR THE COMBINED HEAT AND POWER DYNAMIC ECONOMIC DISPATCH	Energy, Vol. 238, Part A, Article Number 121664.	0360-5442
201.	Secui DC, Large-scale multi-area economic/emission dispatch based on a new symbiotic organisms search algorithm, Energy Conversion and Management, Vol. 154 (Decembrie 2017), pp. 203-223, ISSN 0196-8904	2022	01	A GOUDARZI, S FAHAD, J NI, F GHAYOOR, P SIANO, HH ALHELOU	A sequential hybridization of ETLBO and IPSO for solving reserve-constrained combined heat, power and economic dispatch problem	IET Generation, Transmission and Distribution 16(10), pp. 1930-1949	1751-8687
202.	Secui DC, Large-scale multi-area economic/emission dispatch based on a new symbiotic organisms search algorithm, Energy Conversion and Management, Vol. 154 (Decembrie 2017), pp. 203-223, ISSN 0196-8904	2022	02	A MENG, C ZENG, X XU, W DING, S LIU, D CHEN	Decentralized Power Economic Dispatch by Distributed Crisscross Optimization in Multi-Agent System	Energy, 246(3)	0360-5442
203.	Secui DC, Large-scale multi-area economic/emission dispatch based on a new symbiotic organisms search algorithm, Energy Conversion and Management, Vol. 154 (Decembrie 2017), pp. 203-223, ISSN 0196-8904	2022	11	Y CHEN, EA RAAD	APPLICATION OF NOVEL ECONOMIC EMISSION DISPATCH BY CONSIDERING THE BENCHMARK OF MULTI-STAGE STEAM TURBINES, SPINNING RESERVE, AND EMISSION LOSS FUNCTION,	Energy Reports, Vol. 8, 2022, pp. 8652-8660	2352-4847

204.	Secui DC, Large-scale multi-area economic/emission dispatch based on a new symbiotic organisms search algorithm, Energy Conversion and Management, Vol. 154 (Decembrie 2017), pp. 203-223, ISSN 0196-8904	2022	11	A MENG, X XU, Z ZHANG, C ZENG, R LIANG, Z ZHANG, X WANG, B YAN, H YIN, J LUO	Solving high-dimensional multi-area economic dispatch problem by decoupled distributed crisscross optimization algorithm with population cross generation strategy	Energy, Vol. 258, Article No. 124836, 2022,	0360-5442
205.	Secui DC, Large-scale multi-area economic/emission dispatch based on a new symbiotic organisms search algorithm, Energy Conversion and Management, Vol. 154 (Decembrie 2017), pp. 203-223, ISSN 0196-8904	2022	08	C FAN, Y WU, H HU, L XIAO, L YI X NING	A Two-Stage Cooperative Multi-objective Evolutionary Differential Algorithm for Combined Heat and Power Economic Emission Dispatch,	Arabian Journal for Science and Engineering, 48, 2022	2193-567X
206.	Secui DC, Large-scale multi-area economic/emission dispatch based on a new symbiotic organisms search algorithm, Energy Conversion and Management, Vol. 154 (Decembrie 2017), pp. 203-223, ISSN 0196-8904	2021	03	VP SAKTHIVEL, PD SATHYA	MULTI-AREA ECONOMIC ENVIRONMENTAL DISPATCH USING MULTI-OBJECTIVE SQUIRREL SEARCH ALGORITHM	Evolving Systems, DOI 10.1007/s12530-021-09366-5	1868-6478
207.	Secui DC., Large-scale multi-area economic/emission dispatch based on a new symbiotic organisms search algorithm, Energy Conversion and Management, Vol. 154 (Decembrie 2017), pp. 203-223, ISSN 0196-8904	2021	09	M RAWA, A ABUSORRAH, H BASSI, S MEKHILEF	Economical-technical-environmental operation of power networks with wind-solar-hydropower generation using analytic hierarchy process and improved grey wolf algorithm,	Ain Shams Engineering Journal, 2021, 12 (3), pp.2717-2734.	2090-4479
208.	Secui DC., Large-scale multi-area economic/emission dispatch based on a new symbiotic organisms search algorithm, Energy Conversion and Management, Vol. 154 (Decembrie 2017), pp. 203-223, ISSN 0196-8904	2021	11	A GOUDARZI, C ZHANG, S FAHAD, AJR MAHDI	A hybrid sequential approach for solving environmentally constrained optimal scheduling in co-generation systems	Energy Reports, Vol. 7, Pages 3460-3479,	2352-4847
209.	Secui DC., Large-scale multi-area economic/emission dispatch based on a new symbiotic organisms search algorithm, Energy Conversion and Management, Vol. 154 (Decembrie 2017), pp. 203-223, ISSN 0196-8904	2021	11	GURPREET KAUR, J.S. DHILLON	Economic power generation scheduling exploiting hill-climbed Sine–Cosine algorithm	Applied Soft Computing, 111(1):107690, 2021	1568-4946
210.	Secui DC., Large-scale multi-area economic/emission dispatch based on a new symbiotic organisms search algorithm, Energy Conversion and Management, Vol. 154 (Decembrie 2017), pp. 203-223, ISSN 0196-8904	2021	11	SAKTHIVEL VP, GOH HH, SRIKRISHNA S, SATHYA PD, RAHIM SKA	MULTI-OBJECTIVE SQUIRREL SEARCH ALGORITHM FOR MULTI-AREA ECONOMIC ENVIRONMENTAL DISPATCH WITH MULTIPLE FUELS AND VALVE POINT EFFECTS	IEEE Access, Vol. 9, pp. 3988-4007, 2021	2169-3536
211.	Secui DC., Large-scale multi-area economic/emission dispatch based on a new symbiotic organisms search algorithm, Energy Conversion and Management, Vol. 154 (Decembrie 2017), pp. 203-223, ISSN 0196-8904	2021	01	DEXUAN ZOU, DUNWEI GONG	DIFFERENTIAL EVOLUTION BASED ON MIGRATING VARIABLES FOR THE COMBINED HEAT AND POWER DYNAMIC ECONOMIC DISPATCH	Energy, Vol. 238, Part A, Article Number 121664.	0360-5442
212.	Secui DC., Large-scale multi-area economic/emission dispatch based on a new symbiotic organisms search algorithm, Energy Conversion and Management, Vol. 154 (Decembrie 2017), pp. 203-223, ISSN 0196-8904	2019	08	A Rajagopalan, P Kasinathan, K Nagarajan, VK Ramachandaramurthy, V Sengoden, Srinivasan A	, Chaotic self-adaptive interior search algorithm to solve combined economic emission dispatch problems with security constraints	International Transactions on Electrical Energy Systems, Volume:29, Issue: 8, Article No: e12026	2050-7038
213.	Secui DC., Large-scale multi-area economic/emission dispatch based on a new symbiotic organisms search algorithm, Energy Conversion and Management, Vol. 154 (Decembrie 2017), pp. 203-223, ISSN 0196-8904	2019	08	FZ Harmouch, AF Ebrahim, MM Esfahani, N Krami, N Hmina, Osama A. Mohammed	, An Optimal Energy Management System for Real-Time Operation of Multiagent-Based Microgrids Using a T-Cell Algorithm	Energies, *12*(15), 3004; 3	1996-1073
214.	Secui DC., Large-scale multi-area economic/emission dispatch based on a new symbiotic organisms search algorithm, Energy Conversion and Management, Vol. 154 (Decembrie 2017), pp. 203-223, ISSN 0196-8904	2019	11	Shreya Adhvaryyu, Pradosh Kumar Adhvaryyu	Application of bio-inspired social spider algorithm in multi-area economic emission dispatch of solar, wind and CHP-based power system	Soft Computing, 2019	1432-7643
215.	Secui DC., Large-scale multi-area economic/emission dispatch based on a new symbiotic organisms search algorithm, Energy Conversion and Management, Vol. 154 (Decembrie 2017), pp. 203-223, ISSN 0196-8904	2019	12	E Yalcın,E Çam, MC Taplamacıoglu	A new chaos and global competitive ranking-based symbiotic organisms search algorithm for solving reactive power dispatch problem with discrete and continuous control variable	Electrical Engineering, Dec 2019, Publisher Springer Berlin Heidelberg	0948-7921
216.	Secui DC., Large-scale multi-area economic/emission dispatch based on a new symbiotic organisms search algorithm, Energy Conversion and Management, Vol. 154 (Decembrie 2017), pp. 203-223, ISSN 0196-8904	2020	03	Farhad Soleimanian Gharehchopogh, Human Shayanfar, Hojjat Gholizadeh	A comprehensive survey on symbiotic organisms search algorithms	Artificial Intelligence Review, Volume: 53, Issue: 3, Pages: 2265-2312	0269-2821
217.	Secui DC., Large-scale multi-area economic/emission dispatch based on a new symbiotic organisms search algorithm, Energy Conversion and Management, Vol. 154 (Decembrie 2017), pp. 203-223, ISSN 0196-8904	2020	01	A Goudarzi, Y Li, J Xiang	A hybrid non-linear time-varying double-weighted particle swarm optimization for solving non-convex combined environmental economic dispatch problem	Applied Soft Computing, Volume: 86, Article Number: 105894	1568-4946
218.	Secui DC., Large-scale multi-area economic/emission dispatch based on a new symbiotic organisms search algorithm, Energy Conversion and Management, Vol. 154 (Decembrie 2017), pp. 203-223, ISSN 0196-8904	2020	04	Latifa Dekhici, Khaled Guerraiche and Khaled Belkadi	Environmental Economic Power Dispatch Using Bat Algorithm with Generalized Fly and Evolutionary Boundary Constraint Handling Scheme	International Journal of Applied Metaheuristic Computing, Vol. 11, Issue: 2, pp: 171-191, Apr. 2020	1947-8283
219.	Secui DC., Large-scale multi-area economic/emission dispatch based on a new symbiotic organisms search algorithm, Energy Conversion and Management, Vol. 154 (Decembrie 2017), pp. 203-223, ISSN 0196-8904	2020	01	A Sundaram,	COMBINED HEAT AND POWER ECONOMIC EMISSION DISPATCH USING HYBRID NSGA II-MOPSO ALGORITHM INCORPORATING AN EFFECTIVE	IEEE Access (Vol. 8), **Electronic, Publisher:** IEEE	2169-3536

					CONSTRAINT HANDLING MECHANISM		
220.	Secui DC., Large-scale multi-area economic/emission dispatch based on a new symbiotic organisms search algorithm, Energy Conversion and Management, Vol. 154 (Decembrie 2017), pp. 203-223, ISSN 0196-8904	2020	02	G Bhargava, NK Yadav	SOLVING COMBINED ECONOMIC EMISSION DISPATCH MODEL VIA HYBRID DIFFERENTIAL EVALUATION AND CROW SEARCH ALGORITHM	Evolutionary Intelligence, Feb 2020 – Springer	1864-5909
221.	Secui DC., Large-scale multi-area economic/emission dispatch based on a new symbiotic organisms search algorithm, Energy Conversion and Management, Vol. 154 (Decembrie 2017), pp. 203-223, ISSN 0196-8904	2020	05	A Sundaram	Multiobjective multi-verse optimization algorithm to solve combined economic, heat and power emission dispatch problems	Applied Soft Computing, Volume: 91, Article Number: 106195, Published: JUN 2020	1568-4946
222.	Secui DC., Large-scale multi-area economic/emission dispatch based on a new symbiotic organisms search algorithm, Energy Conversion and Management, Vol. 154 (Decembrie 2017), pp. 203-223, ISSN 0196-8904	2020	07	Mohd Herwan SULAIMAN , Zuriani MUSTAFFA , Mohd Mawardi SAARI	Using the Barnacles Mating Optimizer for Economic Emission Load Dispatch Problems	PRZEGLĄD ELEKTROTECHNICZNY, Volume: 96, Issue: 7, R. 96 NR 7/2020	0033-2097
223.	Secui DC., Large-scale multi-area economic/emission dispatch based on a new symbiotic organisms search algorithm, Energy Conversion and Management, Vol. 154 (Decembrie 2017), pp. 203-223, ISSN 0196-8904	2020	07	Azizivahed, Ali; Razavi, Seyed-Ehsan; Arefi, Ali s.a,	Risk-Oriented Multi-Area Economic Dispatch Solution With High Penetration of Wind Power Generation and Compressed Air Energy Storage System	IEEE Transactions On Sustainable Energy, Volume: 11, Issue: 3, Pages: 1569-1578	1949-3029
224.	Secui DC., Large-scale multi-area economic/emission dispatch based on a new symbiotic organisms search algorithm, Energy Conversion and Management, Vol. 154 (Decembrie 2017), pp. 203-223, ISSN 0196-8904	2023	04	AB Kunya, AS Abubakar, SS Yusuf	Review of economic dispatch in multi-area power system: State-of-the-art and future prospective	Electric Power Systems Research, Volume 217, 109089	0378-7796
225.	Secui DC., Large-scale multi-area economic/emission dispatch based on a new symbiotic organisms search algorithm, Energy Conversion and Management, Vol. 154 (Decembrie 2017), pp. 203-223, ISSN 0196-8904	2023	03	Girishkumar G, Ganesan, S, Jayakumar N, Subramanian S	Black Widow Optimization for Multi Area Economic Emission Dispatch	Intelligent Automation and Soft Computing, 35(1), pp. 609-625	1079-8587
226.	Secui DC., Large-scale multi-area economic/emission dispatch based on a new symbiotic organisms search algorithm, Energy Conversion and Management, Vol. 154 (Decembrie 2017), pp. 203-223, ISSN 0196-8904	2023	05	C Lin, H Liang, A Pang	A fast data-driven optimization method of multi-area combined economic emission dispatch	Applied Energy, Vol. 337, 1120884	0306-2619
227.	Secui DC., Large-scale multi-area economic/emission dispatch based on a new symbiotic organisms search algorithm, Energy Conversion and Management, Vol. 154 (Decembrie 2017), pp. 203-223, ISSN 0196-8904	2023	07	M. Basu	Multi-county combined heat and power dynamic economic emission dispatch incorporating electric vehicle parking lot	Energy, Vol. 275, No. 127523	0360-5442
228.	Secui DC., Large-scale multi-area economic/emission dispatch based on a new symbiotic organisms search algorithm, Energy Conversion and Management, Vol. 154 (Decembrie 2017), pp. 203-223, ISSN 0196-8904	2023	07	H Lotfi, MH Nikkhah	PRESENTING A NOVEL EVOLUTIONARY METHOD FOR RESERVE CONSTRAINED MULTI-AREA ECONOMIC/EMISSION DISPATCH PROBLEM	Sustainability, 15(13), 10614	2071-1050
229.	Secui DC., Large-scale multi-area economic/emission dispatch based on a new symbiotic organisms search algorithm, Energy Conversion and Management, Vol. 154 (Decembrie 2017), pp. 203-223, ISSN 0196-8904	2023	12	SDS Garmroodi, G Kayakutlu, O Kayalica, U Colak	Improved Pelican optimization algorithm for solving load dispatch problems	Energy, 129811	0360-5442
230.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2019	01	N Karthik, Ak Parvathy, R Arul	Multi-Objective Economic Emission Dispatch Using Interior Search Algorithm	International Transactions On Electrical Energy Systems, Volume: 29, Issue:1, Article Number: E2683	2050-7038
231.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2019	07	D Maity, S Banerjee, Ck Chanda	Bare Bones Teaching Learning-Based Optimization Technique For Economic Emission Load Dispatch Problem Considering Transmission Losses	Iranian Journal Of Science and Technology, Transactions of Electrical Engineering, Volume: 43, Supplement: 1, Pages: 77-90	2228-6179
232.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2019	01	J Yang, Q Jiang, Lei Wang, Shuai Liu, Yu-Dong Zhang, Wei Li, Bin Wang	An Adaptive Encoding Learning For Artificial Bee Colony Algorithms	Journal Of Computational Science, Volume: 30, Pages: 11-27	1877-7503
233.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2019	02	D Singh, Js Dhillon,	Ameliorated Grey Wolf Optimization For Economic Load Dispatch Problem	Energy, Volume 169, 15 February 2019, Pages 398-419	0360-5442
234.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2019	08	X Chen, P Wang, Q Wang, Y Dong	A TWO-STAGE STRATEGY TO HANDLE EQUALITY CONSTRAINTS IN ABC-BASED POWER ECONOMIC DISPATCH PROBLEMS,	Soft Computing, 2019 – Springer, Volume: 23, Issue: 15, Pages: 6679-6696	1432-7643
235.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol.	2019	02	Jiang-Tao Yu; Chang-Hwan Kim; Abdul Wadood; Tahir	, Jaya Algorithm With Self-Adaptive Multi-Population And Lévy Flights For Solving Economic Load Dispatch	IEEE Access (Volume: 7), Page(S):21372– 21384, Feb.	2169-3536

	89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904			Khurshaid, Sang-Bong Rhee	Problems	2019, Publisher: IEEE	
236.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2019	05	Q Zhang, D Zou, N Duan, X Shen	AN ADAPTIVE DIFFERENTIAL EVOLUTIONARY ALGORITHM INCORPORATING MULTIPLE MUTATION STRATEGIES FOR THE ECONOMIC LOAD DISPATCH PROBLEM	Applied Soft Computing, Volume 78, Pages 641-669	1568-4946
237.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2019	06	Maedeh Gholamghasemi, Ebrahimakbari, Mohammad Bagherasadpoor, Mojtabaghasemi	A New Solution To The Non-Convex Economic Load Dispatch Problems Using Phasor Particle Swarm Optimization	Applied Soft Computing, Volume: 79, Pages: 111-124	1568-4946
238.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2019	09	Rk Samal, M Tripathy	A NOVEL DISTANCE METRIC FOR EVALUATING IMPACT OF WIND INTEGRATION ON POWER SYSTEMS	Renewable Energy, Volume: 140, Pages: 722-736	0960-1481
239.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2019	03	Wl Xiang, Yz Li, Rc He, Xl Meng, Mq An	AN IMPROVED ARTIFICIAL BEE COLONY ALGORITHM WITH FITNESS-BASED INFORMATION	IEEE Access, Volume: 7, Pages: 41052-41065	2169-3536
240.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2019	12	Mr Chen, Gq Zeng, Kd Lu	CONSTRAINED MULTI-OBJECTIVE POPULATION EXTREMAL OPTIMIZATION BASED ECONOMIC-EMISSION DISPATCH INCORPORATING RENEWABLE ENERGY RESOURCES	Renewable Energy, Volume: 143, Pages: 277-294	0960-1481
241.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2019	05	Lh Pham, Mq Duong, Vd Phan, Tt Nguyen	A HIGH-PERFORMANCE STOCHASTIC FRACTAL SEARCH ALGORITHM FOR OPTIMAL GENERATION DISPATCH PROBLEM	Energies, Volume: 12, Issue: 9, Article Number: 1796	1996-1073
242.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2019	06	As Tayeb, H Bouzeboudja	APPLICATION OF A NEW META-HEURISTIC ALGORITHM USING EGYPTIAN VULTURE OPTIMIZATION FOR ECONOMIC	Przegląd Elektrotechniczny, Vol: 95, Issue: 6, Pages: 56-65	0033-2097
243.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2019		Ci Aci, H Gulcan	A Modified Dragonfly Optimization Algorithm For Single- And Multiobjective Problems Using Brownian Motion	Computational Intelligence And Neuroscience, Vol. 2019, Article Id 6871298	1687-5265
244.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2019	06	J Zhang, Z Dong	A GENERAL INTELLIGENT OPTIMIZATION ALGORITHM COMBINATION FRAMEWORK WITH APPLICATION IN ECONOMIC LOAD DISPATCH PROBLEMS	Energies, Volume: 12, Issue: 11,Article Number: 2175	1996-1073
245.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2019	06	J Xu, F Yan, K Yun, L Su, F Li, J Guan	NONINFERIOR SOLUTION GREY WOLF OPTIMIZER WITH AN INDEPENDENT LOCAL SEARCH MECHANISM FOR SOLVING ECONOMIC LOAD DISPATCH PROBLEMS	Energies, Volume: 12, Issue: 12, Article Number: 2274	1996-1073
246.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2019	09	D Oliva, Ma Elaziz, Ah Elsheikh, Aa Ewees	A REVIEW ON META-HEURISTICS METHODS FOR ESTIMATING PARAMETERS OF SOLAR CELLS	Journal Of Power Sources, Volume: 435, Article Number: 126683	0378-7753
247.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2019	07	X Li, H Zhang, Z Lu,	A DIFFERENTIAL EVOLUTION ALGORITHM BASED ON MULTI-POPULATION FOR ECONOMIC DISPATCH PROBLEMS WITH VALVE-POINT EFFECTS	IEEE Access, Vol. 7, Pp. 95585– 95609, 2019, Issn: 2169-3536	2169-3536
248.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2019	10	Apinan Aurasopon, Chiraphon Takeang	Hybrid Algorithm Combining Lambda Iteration And Bee Colony Optimization To Solve An Economic Dispatch Problem With Prohibited Operating Zones	Przegląd Elektrotechniczny, Issn 0033-2097, R. 95	0033-2097
249.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2019	11	S Adhvaryyu, Pk Adhvaryyu	Application Of Bio-Inspired Social Spider Algorithm In Multi-Area Economic Emission Dispatch Of Solar, Wind And Chp-Based Power System	Soft Computing - Springer Issn: 1432-7643	1432-7643
250.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2020	06	S Duman, J Li, L Wu, U Guvenc	Optimal power flow with stochastic wind power and FACTS devices: a modified hybrid PSOGSA with chaotic maps approach	Neural Computing and Applications, Vol.: 32, Issue: 12, p: 8463-8492, JUN 2020	0941-0643
251.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2020	10	Sakthivel VP, Suman M, Sathya PD	Large-scale economic load dispatch using squirrel search algorithm	International Journal of Energy Sector Management, Volume: 14,Issue: 6,Pages: 1351-1380, OCT 8 2020	1750-6220

252.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2020	06	V.P. Sakthivel, M. Suman, PD Sathya	Squirrel search algorithm for economic dispatch with valve-point effects and multiple fuels	Energy Sources, Part B: Economics, Planning, and Policy, Vol 15(6), Pages: 351-382, Published: JUN 2 2020	1556-7249
253.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2020	01	C Fu, S Zhang, KH Chao	ENERGY MANAGEMENT OF A POWER SYSTEM FOR ECONOMIC LOAD DISPATCH USING THE ARTIFICIAL INTELLIGENT ALGORITHM	Electronics, Vol. 9, No.1, 2020	2079-9292
254.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2020	09	Mohammed A. Awadallah, Mohammed Azmi Al-Betar, Asaju La'aro Bolaji, Iyad Abu Doush, Abdelaziz I. Hammouri, Majdi Mafarja	Island artificial bee colony for global optimization	Soft Computing (2020), Volume: 24,Issue: 17,Pages: 13461-13487, Published: SEP 2020	1432-7643
255.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2020	05	V Kansal, JS Dhillon	Emended salp swarm algorithm for multiobjective electric power dispatch problem	Applied Soft Computing, Vol. 90, 2020, 106172	1568-4946
256.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2020	06	A Sundaram	MULTIOBJECTIVE MULTI-VERSE OPTIMIZATION ALGORITHM TO SOLVE COMBINED ECONOMIC, HEAT AND POWER EMISSION DISPATCH PROBLEMS	Applied Soft Computing, Volume: 91, Article Number: 106195	1568-4946
257.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2020	06	WT El-Sayed, EF El-Saadany, HH Zeineldin, A Saad Al-Sumaiti	Fast initialization methods for the nonconvex economic dispatch problem	Energy, Volume: 201, Article Number: 117635	0360-5442
258.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2020	08	C Chen, D Zou, C Li	IMPROVED JAYA ALGORITHM FOR ECONOMIC DISPATCH CONSIDERING VALVE-POINT EFFECT AND MULTI-FUEL OPTIONS	IEEE Access, Volume: 8,Pages: 84981-84995	2169-3536
259.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2020	06	A Aurasopon, C Takeang	Hybrid of Lambda Iteration and Meta-Heuristic Methods for Solving Economic Dispatch Problem	Przegląd Elektrotechniczny, Volume: 96,Issue: 6,Pages: 26-32	0033-2097
260.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2020	09	A Srivastava, DK Das	A new Kho-Kho optimization Algorithm: An application to solve combined emission economic dispatch and combined heat and power economic dispatch	Engineering Applications of Artificial Intelligence, Volume: 94, Article Number: 103763	0952-1976
261.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2020	07	Hafiz Muhammad Awais, Tahir Nadeem Malik, Aftab Ahmad	ARTIFICIAL ALGAE ALGORITHM WITH MULTI-LIGHT SOURCE MOVEMENT FOR ECONOMIC DISPATCH OF THERMAL GENERATION	Mehran Univ. Research Journal of Engineering and Technology Vol. 39, No. 3, 564 - 582	0254-7821
262.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2020	09	Sakthivel V. Ponnuvel, Suman Murugesan, Sathya P. Duraisamy	Multi-objective squirrel search algorithm to solve economic environmental power dispatch problems	International Transactions on Electrical Energy Systems, Article Number: e12635	2050-7038
263.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2020	06	M Suman, VP Sakthivel	COULOMB'S AND FRANKLIN'S LAWS BASED OPTIMIZATION FOR NONCONVEX ECONOMIC AND EMISSION DISPATCH PROBLEMS	International Energy Journal, Volume: 20,Issue: 2,Pages: 225-238	1513-718X
264.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2020	08	V Suresh, S Sreejith, SK Sudabattula, SHC Cherukuri,	Stochastic Economic Dispatch incorporating Commercial Electric Vehicles and Fluctuating Energy Sources	Published in: IEEE Access, 2020, Volume: 8, Pages: 216332-216348	2169-3536
265.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2020	09	FX Rugema, G Yan, S Mugemanyi, Q Jia, S Zhang	A Cauchy-Gaussian Quantum-Behaved Bat Algorithm Applied to Solve the Economic Load Dispatch Problem	Published in: IEEE Access, 2020, Volume: 9, Pages: 3207-3228	2169-3536
266.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2020	12	H-S Ryu, M-K Kim	Combined Economic Emission Dispatch with Environment-Based Demand Response Using WU-ABC Algorithm	Energies, Dec. 2020, 13 (23), 6450;	1996-1073
267.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2020	08	M Ellahi, G Abbas	A HYBRID METAHEURISTIC APPROACH FOR THE SOLUTION OF RENEWABLES-INCORPORATED ECONOMIC DISPATCH PROBLEMS	IEEE Access, 2020, Volume: 8, Pages: 127608-127621	2169-3536
268.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol.	2021	09	V Sakthivel, HH Goh, S Subramanian, P Sathya	MULTI-OBJECTIVE SQUIRREL SEARCH ALGORITHM FOR MULTI-AREA ECONOMIC ENVIRONMENTAL DISPATCH	IEEE Access, Vol.: 9, Pages: 3988-4007, 2021	2169-3536

	89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904				WITH MULTIPLE FUELS AND VALVE POINT EFFECTS		
269.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2021	04	X Chen, H Tianfield, W Du	BEE-FORAGING LEARNING PARTICLE SWARM OPTIMIZATION	Applied Soft Computing, Vol. 102, Article Number 107134, Apr. 2021	1568-4946
270.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2021	01	L Al-Bahrani, M Seyedmahmoudian, B Horan, A Stojcevski	Solving the Real Power Limitations in the Dynamic Economic Dispatch of Large-Scale Thermal Power Units under the Effects of Valve-Point Loading and Ramp-Rate Limitations	Sustainability 13(3):1274, Ian. 2021, ISSN: 2071-1050	2071-1050
271.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2021	07	X Li, L Fu, Z Lu	A NOVEL CONSTRAINTS HANDLING MECHANISM BASED ON VIRTUAL GENERATOR UNIT FOR ECONOMIC DISPATCH PROBLEMS WITH VALVE POINT EFFECTS	International Journal of Electrical Power & Energy, Vol. 129, Article Number 106825, JUL 2021	0142-0615
272.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2021	03	VP Sakthivel, PD Sathya	MULTI-AREA ECONOMIC ENVIRONMENTAL DISPATCH USING MULTI-OBJECTIVE SQUIRREL SEARCH ALGORITHM	Evolving Systems, Martie 2021, DOI 10.1007/s12530-021-09366-5	1868-6478
273.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2021	09	MH Hassan, S Kamel, SQ Salih, T Khurshaid, M Ebeed	Developing Chaotic Artificial Ecosystem based Optimization Algorithm for Combined Economic Emission Dispatch	IEEE Access, 9, pp.51146-51165, 2021	2169-3536
274.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2021	04	RN Gul, A Ahmad, S Fayyaz, MK Sattar, SS ul Haq	A HYBRID FLOWER POLLINATION ALGORITHM WITH SEQUENTIAL QUADRATIC PROGRAMMING TECHNIQUE FOR SOLVING DYNAMIC COMBINED ECONOMIC EMISSION DISPATCH PROBLEM	MEHRAN UNIVERSITY RESEARCH JOURNAL OF ENGINEERING AND TECHNOLOGY VOL. 40, NO. 2, 371 - 382, APRIL 2021	0254-7821
275.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2021	04	X Tan	PREDICTIVE ANALYSIS OF ECONOMIC CHAOTIC TIME SERIES BASED ON CHAOTIC GENETICS COMBINED WITH FUZZY DECISION ALGORITHM	Complexity, Article Number 5517502, Apr. 2021	1076-2787
276.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2021	04	D Singh, JS Dhillon	IMPROVED DIRECTIONAL BAT ALGORITHM BASED ELECTRIC POWER DISPATCH	Electric Power Components and Systems, Vol. 48, 19-20, Page 2089-2105, Apr. 2021	1532-5008
277.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2021	06	M. Ellahi, Ghulam Abbas, G. B. Satrya, M. R. Usman, J. Gu	A MODIFIED HYBRID PARTICLE SWARM OPTIMIZATION WITH BAT ALGORITHM PARAMETER INSPIRED ACCELERATION COEFFICIENTS FOR SOLVING ECO-FRIENDLY AND ECONOMIC DISPATCH PROBLEMS	IEEE Access, Vol. 9, Page 82169-82187, Iunie 2021	2169-3536
278.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2021	06	Abdel-rahem Hussien, Salah Kamel, Mohamed Ebeed, Juan Yu	A Developed Approach to Solve Economic and Emission Dispatch Problems Based on Moth-Flame Algorithm	Electric Power Components and Systems, Vol. 49, Issue 1-2, Page 94-107, Iunie 2021	1532-5008
279.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2021	09	UA Salaria, MI Menhas, S Manzoor	Quasi Oppositional Population Based Global Particle Swarm Optimizer with Inertial Weights (QPGPSO-w) for Solving Economic Load Dispatch Problem,	Vol. 9, Page 134081-134095IEEE Access	2169-3536
280.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2021	10	Ravindra Manam, Ravindra Sangu, Lakshminarayana Pamidi, Manoz Kumar Reddy Karri	THREE METAPHOR-LESS ALGORITHMS FOR ECONOMIC LOAD DISPATCH SOLUTION	Journal of Electrical Engineering&Technology, DOI 10.1007/s42835-021-00922-2, Oct. 2021, 1975-0102	1975-0102
281.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2021	10	X Li, J Xu, Z Lu	DIFFERENTIAL EVOLUTION ALGORITHM BASED ON STATE TRANSITION OF SPECIFIC INDIVIDUALS FOR ECONOMIC DISPATCH PROBLEMS WITH VALVE POINT EFFECTS	Journal of Electrical Engineering & Technology, DOI 10.1007/s42835-021-00918-y, Oct. 2021	1975-0102
282.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2021	03	J Zhao, H Mo	MAGNETOTACTIC BACTERIA OPTIMISATION ALGORITHM WITH SELF-REGULATION INTERACTION ENERGY	International Journal of Bio-Inspired Computation, Vol. 18, Issue 3, pp 189-198, 2021	1758-0366
283.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2021	03	J Paramguru, SK Barik, AK Barisal, GDhiman, RH Jhaveri, M Alkahtani and MH Abidi	Addressing Economic Dispatch Problem with Multiple Fuels Using Oscillatory Particle Swarm Optimization	Computers, Materials & Continua, vol.69, no.3, 2021, 2863-2882	1546-2218

284.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2022	03	A Srivastava, DK Das	CRIMINAL SEARCH OPTIMIZATION ALGORITHM: A POPULATION-BASED META-HEURISTIC OPTIMIZATION TECHNIQUE TO SOLVE REAL-WORLD OPTIMIZATION PROBLEMS	Arabian Journal for Science and Engineering, 2022, 47(3), pp.3551-3571	2193-567X
285.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2022	07	M Naveed Iqbal, Abdul Rauf Bhatti, Arslan Dawood Butt, Ali Sheikh s.a.	Solution of Economic Dispatch Problem Using Hybrid Multi-Verse Optimizer	Electric Power Systems Research, 208(2022):107912	0378-7796
286.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2022	09	H. Vennila, NC GIRI, NM Kumar, Pampa Sinha, Mohit Bajaj, S Kamel	STATIC AND DYNAMIC ENVIRONMENTAL ECONOMIC DISPATCH USING TOURNAMENT SELECTION BASED ANT LION OPTIMIZATION ALGORITHM	Frontiers in Energy Research, Vol. 10, Article No. 972069, , 2022	2296-598X
287.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2022	07	M Firouzbahrami, A Nobakhti	FINITE-TIME DISTRIBUTED ECONOMIC DISPATCH OVER NETWORK SYSTEMS WITH COUPLED LOCAL COSTS	IEEE Control Systems Letters,7, 2022, 325-330	2475-1456
288.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2022	11	P Verma, RP Parouha	AN INNOVATIVE HYBRID ALGORITHM FOR SOLVING COMBINED ECONOMIC AND EMISSION DISPATCH PROBLEMS	Soft Computing, Vol. 26, Issue 22, pp. 12635-12666, 2022	1432-7643
289.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2022	11	I Ahmed, UEH Alvi, Abdul Basit, M Rehan, K-S Hong	Multi-objective whale optimization approach for cost and emissions scheduling of thermal plants in energy hubs	Energy Reports, 8(1):9158-9174, 2022	2352-4847
290.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2022	10	Y Sharifian, H Abdi	SOLVING MULTI-ZONE COMBINED HEAT AND POWER ECONOMIC EMISSION DISPATCH PROBLEM CONSIDERING WIND UNCERTAINTY BY APPLYING GRASSHOPPER OPTIMIZATION	Sustainable Energy Technologies and Assessments, Vol. 53, Part B, 2022, 102512	2213-1388
291.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2022	07	Majid Firouzbahrami, Amin Nobakhti	Finite-Time Distributed Economic Dispatch Over Network Systems With Coupled Local Costs	IEEE Control Systems Letters 7:1-1, 325-330, 2022	2475-1456
292.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2022	10	E Kaya, B Gorkemli, B Akay, D Karaboga	A review on the studies employing artificial bee colony algorithm to solve combinatorial optimization problems	Engineering Applications of Artificial Intelligence 115(3):105311, 2022	0952-1976
293.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2022	08	J Xin, L Yu, J Wang, N Li	A DIVERSITY-BASED PARALLEL PARTICLE SWARM OPTIMIZATION FOR NONCONVEX ECONOMIC DISPATCH PROBLEM	Transactions of the Institute of Measurement and Control	0142-3312
294.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2022	10	K Yang, K Yang	IMPROVED WHALE ALGORITHM FOR ECONOMIC LOAD DISPATCH PROBLEM IN HYDROPOWER PLANTS AND COMPREHENSIVE PERFORMANCE EVALUATION	Water Resources Management, 36, 2022	0920-4741
295.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2022	09	S Safiri, A Nikoofard	LADYBUG BEETLE OPTIMIZATION ALGORITHM: APPLICATION FOR REAL-WORLD PROBLEMS	Journal of Supercomputing, 638, 2022	0920-8542
296.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2022	10	B Bentouati, RA El-Sehiemy, C Saliha, HM Hasanien	A Chaotic Krill Herd Optimizer for Efficient Combination of Renewable Energy Sources in Isolated Microgrid Mode	Electric Power Components and Systems	1532-5008
297.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2023	05	RM Rizk-Allah, EA Hagag, AA El-Fergany	Chaos-enhanced multi-objective tunicate swarm algorithm for economic-emission load dispatch problem	Soft Computing, 27(9), pp.5721-5739	1432-7643
298.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2022	10	El Houda KCN, Abderrahim B	Optimization By Morphological Filters For Solving Combined Economic Emission Dispatch Problem	Revue Roumaine Des Sciences Techniques-Serie Electrotechnique Et Energetique, 67(4)	0035-4066
299.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2023	05	MH Hassan, S Kamel, A Eid, L Nasrat, F Jurado	A developed eagle-strategy supply-demand optimizer for solving economic load dispatch problems	Ain Shams Engineering, 14 (5) 102083	2090-4479
300.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2023	01	MLL Akbarabadi, R Sirjani	Achieving Sustainability and Cost-Effectiveness in Power Generation: Multi-Objective Dispatch of Solar, Wind, and Hydro Units	Sustainability, 15(3):2407	2071-1050

301.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2023	03	XY Zhang, WK Hao, JS Wang, JH Zhu, XR Zhao, Y Zheng	Manta ray foraging optimization algorithm with mathematical spiral foraging strategies for solving economic load dispatching problems in power systems	Alexandria Engineering Journal 70, 613–640	1110-0168
302.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2023	06	A Mkaouar, S Htiouech, H Chabchoub	Modified Artificial Bee Colony Algorithm for Multiple-Choice Multidimensional Knapsack Problem	IEEE Access, 11, pp.45255-45269	2169-3536
303.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2023	07	T Zhou, J Chen, X Xu, Z Ou, H Yin, J Luo, A Meng	A novel multi-agent based crisscross algorithm with hybrid neighboring topology for combined heat and power economic dispatch	Applied Energy, Vol. 342, 15, 121167	0306-2619
304.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2023	10	W Xu,·X Yu	A multi-objective multi-verse optimizer algorithm to solve environmental and economic dispatch	Applied Soft Computing, Vol. 146, 110650,	1568-4946
305.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2023	11	T Visutarrom, T-C Chiang	Economic dispatch using metaheuristics: algorithms, problems, and solutions	Applied Soft Computing, 110891	1568-4946
306.	Secui DC. A New Modified Artificial Bee Colony Algorithm For The Economic Dispatch Problem, Energy Conversion and Management, Vol. 89, Pages: 43-62, Published: Jan 1 2015, ISSN 0196-8904	2023	10	Y Zhang, B Pang, Y Song, Q Xu, X Yuan	Artificial bee colony algorithm based on dimensional memory mechanism and adaptive elite population for training artificial neural networks	IEEE Access, 11, pp.107616-107637	2169-3536
307.	Secui DC. A Method Based On The Ant Colony Optimization Algorithm For Dynamic Economic Dispatch With Valve-Point Effects, Trans. El. Ener. Sys. Vol. 25, Issue:2, Pages: 262-287, Published: Feb 2015	2019	04	AY Hatata, AA Hafez,	Ant lion optimizer versus particle swarm and artificial immune system for economical and eco-friendly power system operation,	International Transactions on Electrical Energy Systems, Vol. 29, No.4, e2803	2050-7038
308.	Secui DC. A Method Based On The Ant Colony Optimization Algorithm For Dynamic Economic Dispatch With Valve-Point Effects, Trans. El. Ener. Sys. Vol. 25, Issue:2, Pages: 262-287, Published: Feb 2015	2019	04	FZ Alazemi, AY Hatata	Ant Lion Optimizer for Optimum Economic Dispatch Considering Demand Response as a Visual Power Plant	Electric Power Components and Systems, Volume: 47, Issue: 6-7, Pages: 629-643	1532-5008
309.	Secui DC. A Method Based On The Ant Colony Optimization Algorithm For Dynamic Economic Dispatch With Valve-Point Effects, Trans. El. Ener. Sys. Vol. 25, Issue:2, Pages: 262-287, Published: Feb 2015	2019	12	Ghasemi M, Akbari E, Zand M, Hadipour M, Ghavidel S, L Li	An Efficient Modified HPSO-TVAC-Based Dynamic Economic Dispatch of Generating Units,	Electric Power Components and Systems, Taylor & Francis, Vol. 47(19-20), Pages: 1826-1840	1532-5008
310.	Secui DC. A Method Based On The Ant Colony Optimization Algorithm For Dynamic Economic Dispatch With Valve-Point Effects, Trans. El. Ener. Sys. Vol. 25, Issue:2, Pages: 262-287, Published: Feb 2015	2020	11	Yalcinoz, Tankut; Rudion, Krzysztof	Multi-objective Environmental-economic Load Dispatch Considering Generator Constraints and Wind Power Using Improved Multi-objective Particle Swarm Optimization	**Advances in Electrical and Computer Engineering; Suceava**, Vol. 20, Iss. 4, (Nov. 2020): 3-10	1582-7445
311.	Secui DC. A Method Based On The Ant Colony Optimization Algorithm For Dynamic Economic Dispatch With Valve-Point Effects, Trans. El. Ener. Sys. Vol. 25, Issue:2, Pages: 262-287, Published: Feb 2015	2021	05	SA Kumar, P Tapas Kumar, Dhiman Gaurav, Singh Krishna Kant, Singh Akansha	Enhanced emperor penguin optimization algorithm for dynamic economic dispatch with renewable energy sources and microgrid	Journal of Intelligent & Fuzzy Systems, Volume 40, Issue 5, Page 9041-9058, 2021, ISSN: 1064-1246	1064-1246
312.	Secui DC. A Method Based On The Ant Colony Optimization Algorithm For Dynamic Economic Dispatch With Valve-Point Effects, Trans. El. Ener. Sys. Vol. 25, Issue:2, Pages: 262-287, Published: Feb 2015	2021	11	Pooja Verma, Raghav Prasad Parouha	Non-convex Dynamic Economic Dispatch Using an Innovative Hybrid Algorithm	Journal of Electrical Engineering & Technology, DOI 10.1007/s42835-021-00926-y, Noiembrie 2021	1975-0102
313.	Secui DC. A Method Based On The Ant Colony Optimization Algorithm For Dynamic Economic Dispatch With Valve-Point Effects, Trans. El. Ener. Sys. Vol. 25, Issue:2, Pages: 262-287, Published: Feb 2015	2022	02	Z Hu, C Dai, Q Su	Adaptive backtracking search optimization algorithm with a dual-learning strategy for dynamic economic dispatch with valve-point effects	Energy, 248(1):123558, 2022	0360-5442
314.	Secui DC. A Method Based On The Ant Colony Optimization Algorithm For Dynamic Economic Dispatch With Valve-Point Effects, Trans. El. Ener. Sys. Vol. 25, Issue:2, Pages: 262-287, Published: Feb 2015	2022	01	C Dai, Z Hu, Q Su	An adaptive hybrid backtracking search optimization algorithm for dynamic economic dispatch with valve-point effects,	Energy, 239, Ian 2022	0360-5442
315.	Secui DC. A Method Based On The Ant Colony Optimization Algorithm For Dynamic Economic Dispatch With Valve-Point Effects, Trans. El. Ener. Sys. Vol. 25, Issue:2, Pages: 262-287, Published: Feb 2015	2022	09	H. Vennila, NC GIRI, NM Kumar, Pampa Sinha, Mohit Bajaj, S Kamel	STATIC AND DYNAMIC ENVIRONMENTAL ECONOMIC DISPATCH USING TOURNAMENT SELECTION BASED ANT LION OPTIMIZATION ALGORITHM, FRONTIERS IN ENERGY RESEARCH	Vol. 10, Article No. 972069	2296-598X
316.	Secui DC. A Hybrid Particle Swarm Optimization Algorithm for the Economic Dispatch Problem. Majlesi Journal of Electrical Engineering, Vol. 9, No. 1, March 2015	2020	02	A Ariyarit, M Kanazaki, S Bureerat	An Approach Combining an Efficient and Global Evolutionary Algorithm with a Gradient-Based Method for Airfoil Design Problems	Smart Science, 8(1), Feb 2020, pp. 14-23, Taylor & Francis	2308-0477
317.	Secui DC. A Hybrid Particle Swarm Optimization Algorithm for the	2021	07	S Liaquat, MF Zia, M	MODELING AND FORMULATION OF OPTIMIZATION	Electronics, Vol. 10, No. 14,	2079-9292

	Economic Dispatch Problem. Majlesi Journal of Electrical Engineering, Vol. 9, No. 1, March 2015			Benbouzid	PROBLEMS FOR OPTIMAL SCHEDULING OF MULTI-GENERATION AND HYBRID ENERGY SYSTEMS: REVIEW AND RECOMMENDATIONS	2021	
318.	GV Bendea, MF Prada, C Bendea, C Secui, Ground coupled heat pump systems– a key for a sustainable development of heating and cooling buildings, Proceedings of the 9th Int. Conference on Energy, Environment, Ecosystems and Sustainable Development, in: Recent Advances in Environmental Science, Lemesos, Cyprus, **2013**, pp. 133-138	2022	11	O Kul, MN Uğural	COMPARATIVE ECONOMIC AND EXPERIMENTAL ASSESSMENT OF AIR SOURCE HEAT PUMP AND GAS-FIRED BOILER: A CASE STUDY FROM TURKEY	Sustainability, 2022, *14*(21), 14298	2071-1050
319.	GV Bendea, MF Prada, C Bendea, C Secui, Ground coupled heat pump systems– a key for a sustainable development of heating and cooling buildings, Proceedings of the 9th Int. Conference on Energy, Environment, Ecosystems and Sustainable Development, in: Recent Advances in Environmental Science, Lemesos, Cyprus, **2013**, pp. 133-138	2020	09	Cerra D. Alberdi-Pagola, M.; Andersen, T. R. et al.	Feasibility study of collective heating and cooling based on foundation pile heat exchangers, in Vejle	Quarterly Journal Of Engineering Geology And Hydrogeology, Article Number: qjegh2020-114	1470-9236
320.	Hora C, Dan FC, Bendea G, Secui C, Residential Short-Term Load Forecasting during Atypical Consumption Behavior.Energies 2022, 15(29)	2022	04	MW Tian, K Alattas, F El-Sousy s.a.	A New Short Term Electrical Load Forecasting by Type-2 Fuzzy Neural Networks	Energies 15(9):3034	1996-1073
321.	Hora C, Dan FC, Bendea G, Secui C, Residential Short-Term Load Forecasting during Atypical Consumption Behavior.Energies 2022, 15(29)	2022	03	M Moure-Garrido, C Campo, C Garcia-Rubio	Entropy-Based Anomaly Detection in Household Electricity Consumption	Energies, 15(5), 1837	1996-1073
322.	Hora C, Dan FC, Bendea G, Secui C, Residential Short-Term Load Forecasting during Atypical Consumption Behavior.Energies 2022, 15(29)	2022	06	NMA Mutombo, BP Numbi,	DEVELOPMENT OF A LINEAR REGRESSION MODEL BASED ON THE MOST INFLUENTIAL PREDICTORS FOR A RESEARCH OFFICE COOLING LOAD	Energies, Vol. 15(14), Article No. 5097	1996-1073
323.	Hora C, Dan FC, Bendea G, Secui C, Residential Short-Term Load Forecasting during Atypical Consumption Behavior.Energies 2022, 15(29)	2022	03	Bian Z	ANALYSIS OF INTERNET SPORTS ADS CREATION BASED ON CONSUMPTION BEHAVIOR AND CONSUMPTION PSYCHOLOGY	Revista De Psicologia Del Deporte, 31(4), pp.66-75	1132-239X
324.	Hora C, Secui DC, Bendea G, Dzitac S, BB-BC-CG Algorithm for Operational Reliability Modeling of Hydro Generator Groups, Procedia Computer Science, Vol. 1088-1095, pag. 1088-1095, 2016	2019	03	Soner Kiziloluk, Ahmet Bedri Ozer	Hybrid parliamentary optimization and big bang-big crunch algorithm for global optimization,	Turkish Journal Of Electrical Engineering and Computer Sciences, Vo. 27(3), 1954-1969	1300-0632
325.	G Bendea, C Secui, C Hora, C Bendea, Redundancy Optimal Allocation For Series - Parallel Systems Applied To Thermal Power Plants, Rev. Roum. Sci. Techn.– Électrotechn. Et Énerg, Vol. 55, Issue: 2, 201-210, 2010	2022	10	I Meriche, A Chemoul	Analyse 4E (Énergetique–Exergétique–Économique-Environnementale) D'une Centrale Thermique À Vapeur	Revue roumaine des sciences techniques-serie electrotechnique et energetique, 67(2), 199-205	0035-4066
326.	Secui DC, Hora C, Bendea G, Bendea C, Parameter estimation using a modified whale optimization algorithm for input-output curves of thermal and hydro power plants, International Transactions on Electrical Energy Systems, Vol: 30, Issue: 2, Article Number: e12188, Published: FEB 2020	2021	09	B Zaker, R Khalili, H Rabieyan, M Karrari	A new method to identify synchronous generator and turbine-governor parameters of a gas unit using a closed-loop model	International Transactions on Electrical Energy Systems, Vol. 31, Issue 11, Article Number e13110, 2021	2050-7038
327.	Secui DC, Hora C, Bendea G, Bendea C, Parameter estimation using a modified whale optimization algorithm for input-output curves of thermal and hydro power plants, International Transactions on Electrical Energy Systems, Vol: 30, Issue: 2, Article Number: e12188, Published: FEB 2020	2022	03	Maharajan MS, Abirami T	ENERGY EFFICIENT QOS AWARE CLUSTER BASED MULTIHOP ROUTING PROTOCOL FOR WSN	Computer Systems Science And Engineering, 41 (3), 2022, 1173-1189	0267-6192
328.	Secui DC, Hora C, Bendea G, Bendea C, Parameter estimation using a modified whale optimization algorithm for input-output curves of thermal and hydro power plants, International Transactions on Electrical Energy Systems, Vol: 30, Issue: 2, Article Number: e12188, Published: FEB 2020	2022	07	AC Galvez, FF Bazán, EL Parra	Effect of models uncertainties on the emission constrained economic dispatch. A prediction interval-based approach	Applied Energy 317(3):119070	0306-2619
329.	Secui DC, Hora C, Bendea G, Bendea C, Parameter estimation using a modified whale optimization algorithm for input-output curves of thermal and hydro power plants, International Transactions on Electrical Energy Systems, Vol: 30, Issue: 2, Article Number: e12188, Published: FEB 2020	2022	09	A Agwa, Y-I. Mesalam, M Hosny, M.A. El-Dabah, A.M. El-Sherif, S. Kamel	Improved Gradient-Based Optimizer for Modelling Thermal and Hydropower Plants	International Transactions on Electrical Energy Systems, Vol. 2022, Article No. 3990226	2050-7038
330.	Secui DC, Hora C, Bendea G, Bendea C, Parameter estimation using a modified whale optimization algorithm for input-output curves of thermal and hydro power plants, International Transactions on Electrical Energy Systems, Vol: 30, Issue: 2, Article Number: e12188, Published: FEB 2020	2022	09	Q Guan, S Zou, H Liu, Q Chen	Performance Evaluation Method of Public Administration Department Based on Improved DEA Algorithm	Computational Intelligence and Neuroscience, 3, 1-10, 2022	1687-5265
331.	Secui DC, Hora C, Bendea G, Bendea C, Parameter estimation using a modified whale optimization algorithm for input-output curves of thermal and hydro power plants, International Transactions on Electrical Energy Systems, Vol: 30, Issue: 2, Article Number: e12188, Published: FEB 2020	2023	02	J Cao, Y Li, Z Qu, Y Dong, Y Liu, R Zhang	A new method for axis adjustment of the hydro-generator unit using machine learning	Scientific Reports 13(1)	2045-2322

332.	Hora C, Dan FC, Rancov N, Badea GE, Secui C, Main Trends and Research Directions in Hydrogen Generation Using Low Temperature Electrolysis: A Systematic Literature Review, Aug 2022, Energies, 15(16)	2023	01	Benghanem M, Mellit A, Almohamadi H, Haddad S, Chettibi N, Alanazi AM, Dasalla D, Alzahrani A	Hydrogen Production Methods Based on Solar and Wind Energy: A Review	Energies Vol. 16 (2), Article No. 757	1996-1073
333.	Hora C, Dan FC, Rancov N, Badea GE, Secui C, Main Trends and Research Directions in Hydrogen Generation Using Low Temperature Electrolysis: A Systematic Literature Review, Aug 2022, Energies, 15(16)	2023	06	E Gul, G Baldinelli, A Farooqui, P Bartocci, T Shamim	AEM-electrolyzer based hydrogen integrated renewable energy system optimisation model for distributed communities	Energy Conversion and Management, Vol. 285, 117025	0196-8904
334.	Hora C, Dan FC, Rancov N, Badea GE, Secui C, Main Trends and Research Directions in Hydrogen Generation Using Low Temperature Electrolysis: A Systematic Literature Review, Aug 2022, Energies, 15(16)	2023	10	S Aslam, S Rani, K Lal, M Fatima, T Hardwick, B Shirinfar, N Ahmed	Electrochemical Hydrogen Production: Sustainable Hydrogen Economy	Green Chem	1463-9270
335.	Badea GE, Hora C, Maior I, Cojocaru A, Secui C, Filip SM, Dan FC, Sustainable Hydrogen Production from Seawater Electrolysis: Through Fundamental Electrochemical Principles to the Most Recent Development, Energies, Volume 15, Issue 22, Nov. 2022	2023	01	Tien TM, Chen, EL	S-Scheme System of MoS2/Co3O4 Nanocomposites for Enhanced Photocatalytic Hydrogen Evolution and Methyl Violet Dye Removal under Visible Light Irradiation	Coatings, 13(1), No. 80, Jan 2023, 13(1)	2079-6412
336.	Badea GE, Hora C, Maior I, Cojocaru A, Secui C, Filip SM, Dan FC, Sustainable Hydrogen Production from Seawater Electrolysis: Through Fundamental Electrochemical Principles to the Most Recent Development, Energies, Volume 15, Issue 22, Nov. 2022	2023	02	OA Buryakovskaya, MZ Suleimanov, MS Vlaskin, V Kumar, G Ambaryan	Aluminum Scrap to Hydrogen: Complex Effects of Oxidation Medium, Ball Milling Parameters, and Copper Additive Dispersity	Metals Feb. 2023, 13(2), 185	2075-4701
337.	Badea GE, Hora C, Maior I, Cojocaru A, Secui C, Filip SM, Dan FC, Sustainable Hydrogen Production from Seawater Electrolysis: Through Fundamental Electrochemical Principles to the Most Recent Development, Energies, Volume 15, Issue 22, Nov. 2022	2023	03	H Rezk, AG Olabi, MA Abdelkareem, A Alahmer, E Sayed	Maximizing Green Hydrogen Production from Water Electrocatalysis: Modeling and Optimization	Journal of Marine Science and Engineering, Martie 2023, 11(3), 617	2077-1312
338.	Badea GE, Hora C, Maior I, Cojocaru A, Secui C, Filip SM, Dan FC, Sustainable Hydrogen Production from Seawater Electrolysis: Through Fundamental Electrochemical Principles to the Most Recent Development, Energies, Volume 15, Issue 22, Nov. 2022	2023	05	OF Aldosari, I Hussain, Z Malaibari	Emerging trends of electrocatalytic technologies for renewable hydrogen energy from seawater: Recent advances, challenges, and techno-feasible	Journal of Energy Chemistry, May 2023, Vol. 80, pp.658-688	2095-4956
339.	Badea GE, Hora C, Maior I, Cojocaru A, Secui C, Filip SM, Dan FC, Sustainable Hydrogen Production from Seawater Electrolysis: Through Fundamental Electrochemical Principles to the Most Recent Development, Energies, Volume 15, Issue 22, Nov. 2022	2023	09	NDB Alias, YI Go	Decommissioning Platforms to Offshore Solar system: Road to Green Hydrogen Production from Seawater	Renewable Energy Focus, 46, pp.136-155	1755-0084
340.	Badea GE, Hora C, Maior I, Cojocaru A, Secui C, Filip SM, Dan FC, Sustainable Hydrogen Production from Seawater Electrolysis: Through Fundamental Electrochemical Principles to the Most Recent Development, Energies, Volume 15, Issue 22, Nov. 2022	2023	10	Y Luo, S Wu, P Wang, H Ranganathan, Z Shi	Interface engineering of Ni2P/MoOx decorated NiFeP nanosheets for enhanced alkaline hydrogen evolution reaction at high current densities	Journal of Colloid and Interface Science, 648	0021-9797
341.	Badea GE, Hora C, Maior I, Cojocaru A, Secui C, Filip SM, Dan FC, Sustainable Hydrogen Production from Seawater Electrolysis: Through Fundamental Electrochemical Principles to the Most Recent Development, Energies, Volume 15, Issue 22, Nov. 2022	2023	07	Y Luo, JY Sun, Z Li	RAPID CHEMICAL RECYCLING OF WASTE POLYESTER PLASTICS CATALYZED BY RECYCLABLE CATALYST	Green Chemical Engineering	2666-9528
342.	Badea GE, Hora C, Maior I, Cojocaru A, Secui C, Filip SM, Dan FC, Sustainable Hydrogen Production from Seawater Electrolysis: Through Fundamental Electrochemical Principles to the Most Recent Development, Energies, Volume 15, Issue 22, Nov. 2022	2023	09	M Gopinath, R Marimuthu	COMPARATIVE STUDY OF HYDROGEN PRODUCTION FROM SEAWATER AND GROUNDWATER USING PV–TEG	Clean Technologies and Environmental Policy, 25(7), pp. 2451-2466	1618-954X
343.	Badea GE, Hora C, Maior I, Cojocaru A, Secui C, Filip SM, Dan FC, Sustainable Hydrogen Production from Seawater Electrolysis: Through Fundamental Electrochemical Principles to the Most Recent Development, Energies, Volume 15, Issue 22, Nov. 2022	2023	10	N Wang, X Wang, Y Shan, J Liu, J Zhang, K Chen, X Yu	Ce-doped NiFe layered double hydroxide coated NiMoO x S 4− x compounds: an efficient OER catalyst in alkaline solution	Reaction Chemistry & Engineering, 8(11), pp. 2746-2756	2058-9883
344.	Badea GE, Hora C, Maior I, Cojocaru A, Secui C, Filip SM, Dan FC, Sustainable Hydrogen Production from Seawater Electrolysis: Through Fundamental Electrochemical Principles to the Most Recent Development, Energies, Volume 15, Issue 22, Nov. 2022	2023	09	K Perović, S Morović, A Jukić, K Košutić	Alternative to Conventional Solutions in the Development of Membranes and Hydrogen Evolution Electrocatalysts for Application in Proton Exchange Membrane: A Review	Materials, 16(8)	1996-1944
345.	DC SECUI, N RANCOV, HYBRID SINE–COSINE ALGORITHM WITH FLOWER POLLINATION ALGORITHM FOR ECONOMIC DISPATCH PROBLEM WITH	2023	12	Hamid B, Hussain I, Iqbal SJ	Revamped System Performance of Grid-Interactive Hybrid DFIG-PV System Using WSO Based Dual	Renewable Energy Focus, Vol. 47, No. 100488	1755-0084

	VALVE-POINT EFFECTS AND WIND POWER INTEGRATION, ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, 2022				Layer MRFKMP Adaptive Control		
346.	DC Secui, N Rancov, Hybrid Sine–Cosine Algorithm with Flower Pollination Algorithm for Economic Dispatch Problem with Valve-Point Effects and Wind Power Integration, Arabian Journal for Science and Engineering, 2022	2023	09	Zhang QW, Liu YY	Social learning-integrated flower pollination algorithm for influence maximization	International Journal of Modern Physics C, No. articol 2450030	0129-1831
347.	FELEA I, SECUI C, CIOBANCA A, GOIA E, Study on Operational Reliability of Steam Boilers from Oradea CHP Plant. In Computational science and engineering; Recent advances in intelligent control, modelling and computational science; (CSE '13), (ICMS '13); Vol 7, pp. 59-63, by WSEAS Press, [Greece]; 2013	2023	08	M Rezaei, M Sameti, F Nasiri	AN ENVIRO-ECONOMIC RAM-BASED OPTIMIZATION OF BIOMASS-DRIVEN COMBINED HEAT AND POWER GENERATION	Biomass Conversion and Biorefiner	2190-6815

Obs. Toate date din tabel sunt pe propria raspundere a membrilor centrului

4.2. Brevete de invenţie

4.2.1 Numar de brevete (x30 puncte): 0

Nr. crt.	Data acordarii		Autor(i)	Denumire brevet	Institutia care a acordat brevetul	Tip brevet
	An	Luna				
1						

Obs. Toate date din tabel sunt pe propria raspundere a membrilor centrului

4.2.2 Numar de citari de brevete in sistemul ISI (x 5 puncte):0

Nr. crt.	Data acordarii		Autor(i)	Denumire brevet	Institutia care a acordat brevetul	Tip brevet
	An	Luna				
1			-	-	-	-

4.3. Produse, tehnologii, studii:0

Nr. crt.	Data acordarii		Tip (produs, tehnologie, studiu, serviciu)	Denumire	Institutia utilizatoare	Numarul contractului
	An	Luna				
1.				-	-	-

5. CRITERII SECUNDARE DE PERFORMANŢĂ

5.1. Lucrări publicate în reviste de specialitate fără cotaţie ISI, punctaj 13x 5 puncte= 65 puncte

Nr. crt.	Data publicarii		Autor(i)	Titlul lucrării	Revista	ISSN	Tipul revistei
	An	Luna					
1.	**2023**	**06**	**Bendea G.,** Rosca M., **Albut-Dana D.,** Blaga A., **Meianu D., Moldovan V., Rancov N.,** Rencsik O.	Energy efficiency analysis of a biomass system through monitoring of relevant parameters	Journal of Sustainable Energy, Vol 14, No 2, Oradea, 2023; https://energy-cie.ro/content/view/144/1/	2284-6999	CNCSIS B+
2.	**2023**	**03**	**Bunda Ş**	Influence factors on design and cost of the PV based water pumping system for rural	Journal of Sustainable Energy, Vol 14, No 1, Oradea, 2023; https://energy-cie.ro/content/view/143/1/	2284-6999	CNCSIS B+
3.	**2022**	**03**	**Bunda Ş.**	Assessing the Feasibility of Using The Solar Resource to Power a Remote Agricultural Consumer in Bihor County	Journal of Sustainable Energy, Vol 13, No.1, Oradea 2022; https://energy-cie.ro/content/view/141/1/	2284-6999	CNCSIS B+

4.	2021	03	**Bunda Ș**	Assessing the performances of a PV-hybrid system using combined dispatch strategy	Journal of Sustainable Energy, Vol 12, No.1, Oradea 2021; https://energy-cie.ro/content/view/139/1/	2284-6999	CNCSIS B+
5.	2021	03	Felea I, Rancov N, **Albuț-Dana D**, Moldovan V, Meianu D	Energy Performance Level Analysis of a Brick Manufacturing Process	Journal of Sustainable Energy, Vol 12, No.1, Oradea 2021; https://energy-cie.ro/content/view/139/1/	2284-6999	CNCSIS B+
6.	2021	04	Bendea C., **Bendea G.**	Oradea – Best Practice Example for Implementing Energy Efficiency Projects Using European Grants	EMERG, Volume VII, Issue 2 https://emerg.ro/files/oradea-best-practice-example-for-implementing-energy-efficiency-projects-using-european-grants/	2668-7003	EBSCO, Index Copernicus International
7.	2021	12	**Secui DC, Bendea G,** Secui ML, **Hora C**, Bendea C	The Chaotic Social Group Optimization for the Economic Dispatch Problem	International Journal of Intelligent Engineering and Systems, Volume 14, Issue 6, Dece. 2021, pp. 666–677; https://inass.org/wp-content/uploads/2021/10/2021123159.pdf	2185-3118	Scopus
8.	2020	05	**Bunda** Serban	Behavior analysisof a hybrid power system under two energy management strategies	Journal of Sustainable Energy; https://energy-cie.ro/content/view/137/1/	2284-6999	CNCSIS B+
9.	2020	Vol. XI–1	Felea. I., **Rancov N., Albut-Dana D.**	Energy Performance Level Identification Of A Mixed Fodder Factory	Journal of Sustainable Energy (JSE); https://energy-cie.ro/content/view/138/1/	2067-5534	CNCSIS B+
10.	2020	08	**Secui DC, Dzitac S, Bunda SI**	The Enhanced Crow Search Algorithm for Fuel-Cost Function Parameters Assessment of the Cogeneration Units from Thermal Power Plants	Soft Computing Applications. (SOFA) (publicat in aug. 2020). Advances in Intelligent Systems and Computing (Eds: Balas V, Jain L, Balas M, Shahbazova S), vol 1221, Springer, Cham; http://dx.doi.org/10.1007/978-3-030-51992-6_3	2194-5357	BDI: Springer
11.	2019	08	Marius Lolea, **S. Dzitac**, Emeric Szabo, **Eva Barla**	Issues of electromagnetic compatibility in photovoltaic power plants	Annals of Faculty of Engineering Hunedoara – International Journal of Engineering, Tome XVII [2019], | Fascicule 3; https://annals.fih.upt.ro/pdf-full/2019/ANNALS-2019-3-08.pdf	1584 - 2665	BDI/ProQuest
12.	2019	03	**Bunda Ș**	Analysis of wind and solar systems grid integration using new tool for curtailment and penetration assessment	Journal of Sustainable Energy, Vol 10, No.1, Oradea 2019 https://energy-cie.ro/content/view/135/1/	2067-5534	CNCSIS B+
13.	2019	06	**Felea Adrian Ioan**	Analyzing of the recent evolution of the energy competitiveness of romania	The Journal of Sustainable Energy (JSE), Vol. X, Nr. 2, 2019; https://energy-cie.ro/content/view/136/1/	2067-5534	CNCSIS B+

Obs. Toate date din tabel sunt pe propria raspundere a membrilor centrului

5.2. Lucrări ştiinţifice prezentate la conferinţe internaţionale cu comitet de program; nr. total lucrari: 22; punctaj: 20 x 5 puncte = 100 puncte

Nr. crt.	Data publicarii		Autorii	Titlul lucrarii	Conferinta
	An	Luna			
1.	2023	10	Bendea C, **Bendea G,**	District Heating System of Oradea	International Conference on Energy and Environment (CIEM), București, Romania, 26-27

			Hora C, Dan F, Pop L	City – Sustainable Development and Perspectives	Oct. 2023; http://ciem.upb.ro/2023/s4.html
2.	2023	10	Dan F, **Hora C, Bendea G**, Bendea C	Wind Power Generation Forecasting	International Conference on Energy and Environment (CIEM), București, Romania, 26-27 Oct. 2023; http://ciem.upb.ro/2023/s4.html
3.	2023	09	Badea GE, **Dzitac S**, Liana Marin, Petrehele AIG, Badea PG, Porumb C,	An Investigation on the electrochemical behavior of steel in the presence of an Eco-inhibitor	17th International Conference on Engineering of Modern Electric Systems, EMES 2023, DOI: 10.1109/EMES58375.2023.10171763, **BDI** (Scopus, IEE); http://dx.doi.org/10.1109/EMES58375.2023.10171763
4.	2023	11	Eleonora Desnica, Višnja Mihajlović, **Simona Dzitac**, Jasmina Pekez,	International activities of mechanical engineering students at the Technical Faculty "Mihajlo Pupin" Zrenjanin	Proceedings of the XIII International Conference - Industrial Engineering and Environmental Protection (IIZS 2023), October 5-6, 2023, Zrenjanin, Serbia, ISBN 978-86-7672-368-3; http://147.91.177.109/iizs/files/IIZS%202023%20Proceedings%20Final.pdf
5.	2023	08	Attila Simo, **Simona Dzitac**, Adrian Augustin Pocola, Mihaela Frigura-Iliasa, Flaviu Mihai Frigura-Iliasa	Digital Air Quality Monitoring System on an Urban and Industrial Area	Soft Computing Applications, Proceedings of the 9th International Workshop on Soft Computing Applications (SOFA 2020), ISBN 978-3-031-23635-8 ISBN 978-3-031-23636-5 (eBook) https://doi.org/10.1007/978-3-031-23636-5,2023, BDI; https://link.springer.com/chapter/10.1007/978-3-031-23636-5_30
6.	2023	08	Florian Iulian Crisovan, Attila Simo, Mihaela Frigura-Iliasa, Flaviu Mihai Frigura-Iliasa, **Simona Dzitac**	Fuzzy Logic Based Diagnostic System for High Voltage Devices	Soft Computing Applications, Proceedings of the 9th International Workshop on Soft Computing Applications (SOFA 2020), ISBN 978-3-031-23635-8 ISBN 978-3-031-23636-5 (eBook) https://doi.org/10.1007/978-3-031-23636-5,2023, BDI; https://link.springer.com/chapter/10.1007/978-3-031-23636-5_4
7.	2022	12	A Simo, **S Dzitac**, FM Frigura-Iliasa, M Frigura-Iliasa, A Pocola, VM Ionescu	High Voltage Device Design and Predictive Maintenance Software based on Fuzzy-Logic	9th International Conference on Information Technology and Quantitative Management; https://www.sciencedirect.com/science/article/pii/S1877050922020336?via%3Dihub
8.	2022	12	A Simo**, S Dzitac**, FM Frigura-Iliasa, M Frigura-Iliasa, D Meianu, VM Ionescu	Fuzzy-Logic Controller for Smart Drives	9th International Conference on Information Technology and Quantitative Management; https://www.sciencedirect.com/science/article/pii/S1877050922020348?via%3Dihub
9.	2022	09	**S Dzitac**, A Cheregi, A Simo, GE Badea	Digitization of the Characteristic Parameters of a Greenhouse in Order to Streamline Energy Consumption	9th International Conference on Computers Communications and Control (ICCCC) 2022; https://link.springer.com/chapter/10.1007/978-3-031-16684-6_11
10.	2022	09	A Simo, **S Dzitac**	Energy-Efficient Wireless Sensor Networks for Greenhouse Management	9th International Conference on Computers Communications and Control (ICCCC) 2022; https://link.springer.com/chapter/10.1007/978-3-031-16684-6_10
11.	2021	10	Felea Ioan, **Moldovan Vasile, Meianu Dragos, Rancov Nicolae**	Functional optimization resources of a construction materials manufacturing company	10th International Conference on Energy and Environment, 14 - 15 October 2021; https://ieeexplore.ieee.org/document/9614787
12.	2021	10	Dan Florin, **Cristina Hora,** Gabriel Bendea	Short-term Forecasting of Wind Power Generation	2021 International Conference on Energy and Environment (CIEM 2021), București, Romania, Date of Conference**:** 14-15 Oct. 2021, Publisher**:** IEEE, ISBN: 978-1-7281-1532-0 (BDI: IEEExplore);

					https://ieeexplore.ieee.org/document/9614935
13.	2021	12	Dan FC, **Hora C**., Gligor E, Majoros NT	Identification of Load Profiles for Rural and Urban Consumers in Bihor County, Romania	Proceedings of The National Technical Scientific Conference „MODERN TECHNOLOGIES FOR THE 3RD MILLENIUM", 20th Edition, Oradea, Romania, 9th December 2021, ISBN 978-88-7587-724-8; https://www.mdpi.com/1996-1073/15/1/291
14.	2021	05	M S Lolea**, E M Barla**, D T Negrea and A A Minda	A Fuzzy way to evaluate the electricity availability into hydrogen plants with photovoltaic panels	International Conference on Applied Sciences – ICAS 2021, Hunedoara, Romania; https://icas.fih.upt.ro/icas.science/forms/Program_ICAS2021.pdf
15.	2021	05	M S Lolea**, E M Barla**, D T Negrea and A A Minda	Contribution of electricity from renewable energy sources to obtain ecological hydrogen	International Conference on Applied Sciences – ICAS 2021, Hunedoara, Romania; https://icas.fih.upt.ro/icas.science/forms/Program_ICAS2021.pdf
16.	2020	09	**Barla, E., Dzițac, S**., Carja, V.	Modelling a Photovoltaic Power Station	Proceedings of the 8th International Workshop Soft Computing Applications (SOFA) Vol.1, pp. 41-47, First Online15 August 2020, DOI https://doi.org/10.1007/978-3-030-51992-6_4, Publisher Springer Charm, Print ISBN 978-3-030-51991-9, ISI Proceedings; https://link.springer.com/chapter/10.1007/978-3-030-51992-6_4
17.	2020	08	**Dzitac I., Dzitac S.,** Filip F.G., Manolescu MJ.	Redesign of a Conference from In-Person to Online. Case Study: ICCCC	Intelligent Methods in Computing, Communications and Control. ICCCC 2020. Advances in Intelligent Systems and Computing, vol 1243. Springer, Cham. https://doi.org/10.1007/978-3-030-53651-0_1; https://link.springer.com/chapter/10.1007/978-3-030-53651-0_1
18.	2020	08	Frigura-Iliasa M., Simo A., **Dzitac S**., Frigura-Iliasa F.M., Baloi F.I.	Fuzzy-Logic Based Diagnosis for High Voltage Equipment Predictive Maintenance	Intelligent Methods in Computing, Communications and Control. ICCCC 2020. Advances in Intelligent Systems and Computing, vol 1243. Springer, Cham. https://doi.org/10.1007/978-3-030-53651-0_21; https://link.springer.com/chapter/10.1007/978-3-030-53651-0_21
19.	2019	11	Bogdana Stanojevic, **S Dzitac**, Ioan Dzitac	Solution approach to a special class of full fuzzy linear programming problems	Information Technology and Quantitative Management (ITQM 2019), November 3-6, 2019, Granada, Spain, Procedia Computer Science, 162(2019), Pages 260–266, BDI-Elsevier; https://doi.org/10.1016/j.procs.2019.11.283
20.	2019	11	**Bendea G**, Bendea C, **Secui DC, Hora C**, Necula S, Ciobanca A	Energy Efficient and Environmentally Safe New Thermal Power Plant in Oradea	Published in: 2019 International Conference on Energy and Environment (CIEM), pp. 534-538, Timisoara, Romania, Date of Conference: 17-18 Oct. 2019, Publisher: IEEE, ISBN: 978-1-7281-1532-0 (BDI: IEEExplore); https://ieeexplore.ieee.org/document/8937626

Obs. Toate date din tabel sunt pe propria raspundere a membrilor centrului

5.3. Modele, prototipuri normative, proceduri:0

Nr. crt.	Data publicarii		Tip	Autor	Denumire
	An	Luna			
-	-	-	-	-	-

6. PRESTIGIUL PROFESIONAL

6.1.	**Membrii (incluzand statutul de recenzor) in colectivele de redactie ale unor reviste (cotate ISI sau incluse in baze de date internationale) sau in colectivele editoriale ale unor edituri internationale recunoscute** (conform Anexa 6.1.)**; 71 realizari x 20 puncte = 1420 puncte**
	1). Felea Ioan – Editor șef până în Noiembrie 2023, Journal of Sustainable Energy (BDI) (fara punctaj); 2). Bendea Gabriel–Editor șef din Noiembrie 2023 (Journal of Sustainable Energy); (1x 20p=20) 3). Bendea Gabriel–Membru/recenzor in editorial board: Journal of Sustainable Energy (BDI), 2019-2023; (5x20p=100); 4). Bendea Gabriel – Membru/recenzor în comitetul ştiinţific international al 9th, 10yth și 11th International Conference on Energy and Environment, Timișoara 2019 și București, 2021 și 2023 (3x20p=60); 5). Bendea Gabriel – Recenzor la 13th International Conference on Electromechanical and Energy Systems, Iași, 2021 (1x20p=20); 6). Secui Călin – Membru in editorial board și Recenzor în 2019-2023: Journal of Sustainable Energy (BDI); (5x20p=100) 7). Secui Calin – Recenzor in International Journal of Electrical Power and Energy Systems (2019-2021), Neural Computing and Applications (2019 -2023), Int. Trans. El. Ener. Sys (ITEES) (2019, 2021, 2022), Applied Soft Computing (2019, 2021), Expert Systems With Applications (2020, 2021, 2022), Recenzor IEEE Access (2019, 2022, 2023)(6x20p=120); 8). Hora Cristina-Membru in editorial board (și recenzor): Journal of Sustainable Energy (BDI), 2019-2023. (5x20p=100); 9). Hora Cristina - Recenzor în 2019 International Conference on Energy and Environment (CIEM), Publisher: IEEE**,** ISBN: 978-1-7281-1532-0 (BDI: IEEExplore) (1x20p=20); 10). Dzitac Simona – Editor șef IJCCC /International Journal of Computers, Communications&Control (ISI) 2021-2023: (3x20p=60); 11). Dzitac Simona - Recenzor la IJCCC /International Journal of Computers, Communications&Control (ISI) din 2013: 2019 - 2023; (5x20p=100); 12). Dzitac Simona - Editor asociat - Annals of Faculty Engineering Hunedoara – International Journal of Engineering (BDI), din 2013: 2019–2023 (5x20p=100); 13). Dzitac Simona - Editor - Acta Technica Corviniensis–Bulletin Of Engineering, (BDI); (2013): 2019–2023 (5x20p=100); 14). Dzitac Simona - Membră în Editorial Board la Revista International Journal of Advanced Intelligence Paradigms, ISSN online: 1755-0394, ISSN print: 1755-0386, Indexată BDI: Scopus, 2019÷2023 (5x20p=100); 15). Dzitac Simona - Editor la revista ISI Technological and Economic Development of Economy 2022-2023 (2x20p=40); 16). Dzitac Simona-Membru in editorial board (și recenzor): Journal of Sustainable Energy (BDI), 2019-2023. (5x20p=100); 17). Dzitac Simona-International Conference on Information Technology and Quantitative Management (ITQM 2023) – membră în comitetul de organizare, Publications and Proceedings Chairs: Yingjie Tian and Simona Dzitac, coorganizatoare secțiune specială, Oxford, August 12-14, 2023 (1x20p=20); 18). Dzitac Simona-International Conference - Industrial Engineering and Environmental Protection (IIZS 2023), October 5-6, 2023, Zrenjanin, Serbia - membră în comitetul științific internațional (1x20p=20); 19). Dzitac Simona- 9th International Conference On Computers Communications and Control (ICCCC), 2022, General Chair & Editor Pros Springer (1x20p=20); 20). Albut-Dana Daniel–Membru in Conducerea executiva a Journal of Sustainable Energy (BDI), 2019; (1x20p=20); 21). Bunda Serban - Membru in Conducerea executiva a Journal of Sustainable Energy (BDI), 2019-2023. (5x20p=100); 22). Moldovan Vasile–Membru in Conducerea executiva a Journal of Sustainable Energy (BDI), 2019-2023. (5x20p=100).
6.2.	**Membrii in colectivele de redactie ale revistelor recunoscute national - categ. B (x 10 puncte)**
6.3.	**Premii internationale obtinute printr-un proces de selectie**
6.4.	**Premii nationale sau ale Academiei Romane (x 20)**
6.5.	**Conducatori de doctorat membrii ai unitatii de cercetare: 1 x 10 puncte = 10**
	1
6.6.	**Numar de doctori in stiinta membrii ai unitatii de cercetare 12 x 10 puncte=120**
	12

Obs. Toate date din tabel sunt pe propria raspundere a membrilor centrului

7. VENITURI REALIZATE PRIN CONTRACTE DE CERCETARE

7.1.	**Numarul si valoarea contractelor de cercetare internationale finantate din fonduri publice**	
	Contract/Tema/Perioada	**Valoare (Euro)**
	-	-
7.2.	**Numarul si valoarea contractelor de cercetare internationale finantate din fonduri private**	

	Contract/Tema/Perioada	Valoare (Euro)
	-	-
7.3.	**Numarul si valoarea contractelor de cercetare nationale finantate din fonduri publice**	
	Contract/Tema/Perioada	**Valoare (RON)**
	Granturi nationale	
	1. Dezvoltarea Centrului de Transfer Tehnologic al Universității din Oradea – „Smart Industries", cod SMIS 140830, Membru: Bendea G., 2019 – 2023	31.703.395 lei
	2. Dezvoltarea capacității de cercetare și inovare multidisciplinară utilizând tehnologii emergente, cod proiect CNFIS-FDI-2022-0058, Membru: Bendea G.; 2022	260.000 lei
	3. Cercetare, dezvoltare și inovare multidisciplinară pentru specializări inteligente la Universitatea din Oradea, Cod proiect CNFIS-FDI-2021-0450, Director: Bendea G., 2021	321.276 lei
	4. Implementarea de tehnologii digitale în Universitatea din Oradea (Digital UO), proiect cofinanțat prin Planul Național de Redresare și Reziliență (PNRR), Contract nr. 14.068/16.09.2022, Membru: Bendea G., 2022 – 2025	30.275.536,76 lei
	5. Identificarea modalităților de creștere a eficienței energetice globale a instalațiilor de încălzire care utilizează pompe de căldură cu sursă geotermală, proiect finanțat în cadrul competiției de granturi „Cercetarea științifică de excelență aferentă domeniilor prioritare cu valorificare prin transfer tehnologic: INO-TRANSFER-UO-Ediția a II-a", proiect nr. 263/2022, Membrii: Bendea G., Blaga A., 2022-2023	33.000 lei
	6. Sistem inovativ de valorificare a energiei din biomasă cu eficiență ridicată - SIVEBER, cod proiect: SMIS 2014+: 123392, Programul Operaţional Competitivitate 2014-2020, Cod apel de proiecte: POC/163/1/3/Stimularea cererii întreprinderilor pentru inovare prin proiecte CDI derulate de întreprinderi individual sau în parteneriat cu institute de CD si universități, în scopul inovării de procese si de produse în sectoarele economice care prezintă potențial de creștere, beneficiari: SC Climarol Prest SRL și Universitatea din Oradea, durata: 2021 – 2023 (28 luni), buget total: 19.306.580,98 lei (din care 1.485.814,41 lei aferent Universității din Oradea), Director: Bendea G, Membri: Rancov Nicolae, Meianu Dragos, Blaga A, Moldovan Vasile, Albut Daniel, 2021-2023	1.485.814,41 lei
	7. Optimizarea energetică a sistemelor de distribuție a apei. Grant de cercetare câștigat prin Competiția de granturi - Cercetarea științifică de excelență aferentă domeniilor prioritare cu valorificare prin transfer tehnologic: INO – Transfer – UO, ediția II, 2022, contract nr. 239/01.11.2022 manager grant: Hora Cristina, 2022 -2023	30.000 lei
	8. Instalație pilot pentru identificarea unor soluții tehnice de producere a H_2 verde (din surse regenerabile). Grant de cercetare câștigat prin Competiția de granturi - Cercetarea științifică de excelență aferentă domeniilor prioritare cu valorificare prin transfer tehnologic: INO – Transfer – UO 2021, manager grant: Hora Cristina, 2021-2023	30.000 lei
	9. Contractul de cercetare AG294/SGU/CI/III din 18.12.2019 cu titlul Centrul de Învățare al Universității din Oradea; Acronim: Digital Blend In, CIM nr. 4637/21.09.2021 – perioada 01.10.2021 – 30.04.2022, Funcţia în cadrul proiectului: coordonator programe remediale; Membru: Dzițac Simona, 2021-2022	
	10. Contract de finanţare câștigat prin competiția de granturi "Cercetarea științifică de excelență aferentă domeniilor prioritare cu valorificare prin transfer tehnologic" - INO – Transfer – UO nr 323/21.12.2021, cu titlul Eficientizarea consumului de energie și a climatului unei sere prin digitalizarea parametrilor de funcționare ai acesteia și implementarea unor algoritmi de comandă și control bazați pe tehnici de inteligență artificială, Durata: 21.12.2021 - 31.12.2022/30.06.2023/29.12.2023, Buget total: 33000 Lei, Funcţia în cadrul proiectului (Dzitac S.): manager de grant; 2021-2023	33.000 lei
	11. Contract de finanţare câștigat prin competiția de granturi "Cercetarea științifică de excelență aferentă domeniilor prioritare cu valorificare prin transfer tehnologic" - INO – Transfer – UO nr 327/21.12.2021, cu titlul Eco-inhibitor pentru controlul si managementul coroziunii unor metale si aliaje în medii apoase, Durata: 21.12.2021 - 31.12.2022/30.06.2023/29.12.2023, Buget total: 27000 Lei, Funcţia în cadrul proiectului: membru (Dzitac S.);	27.000 lei
	12. Contract de finanţare câștigat prin competiția de granturi "Cercetarea științifică de excelență aferentă domeniilor prioritare cu valorificare prin transfer tehnologic" - INO – Transfer – UO nr 319/21.12.2021, cu titlul Digi-Tour Sharing, Durata: 21.12.2021 - 31.12.2022/30.06.2023, Buget total: 30000 Lei, Funcţia în cadrul proiectului: membru (Dzitac S.); 2021-2023	30.000 lei
	13. Contract de finanţare pentru competiția de granturi"Cercetarea științifică de excelență aferentă domeniilor prioritare cu valorificare prin transfer tehnologic" - INO – Transfer – UO nr 318/21.12.2021, cu titlul CSR4FOOD, Durata: 21.12.2021 - 31.12.2022/30.06.2023, Buget total: 30000 Lei, Funcţia în cadrul proiectului: membru (Dzitac S.); 2021-2023	30.000 lei
	14. Contractul de cercetare AG294/SGU/CI/III din 18.12.2019 cu titlul Centrul de Învățare al Universității din Oradea; Acronim: Digital Blend In, CIM nr. 4637/21.09.2021 – perioada 01.10.2021 – 30.04.2022, Funcţia în cadrul proiectului: coordonator programe remediale (Dzitac S.); 01.10.2021 – 30.04.2022	

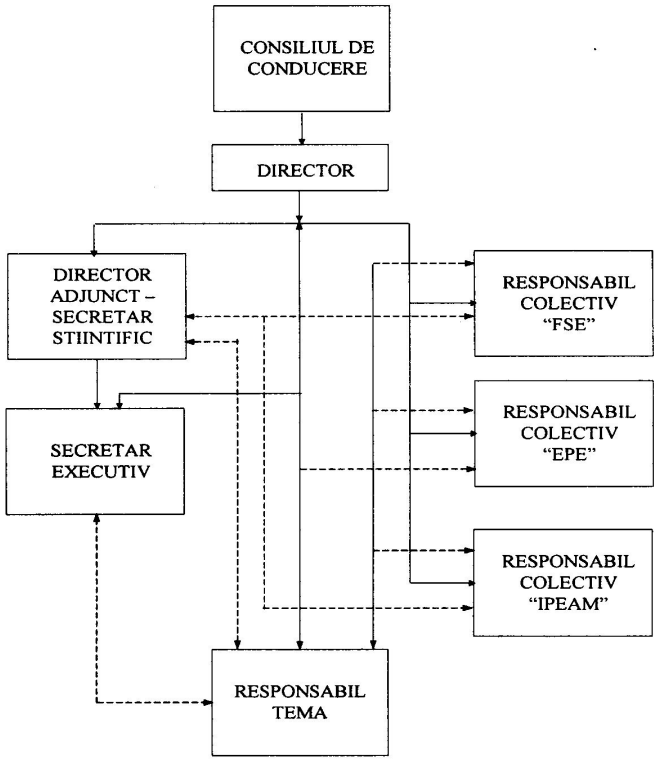
	15. Contract de finanţare câştigat prin competiția de granturi ”Cercetarea științifică de excelență aferentă domeniilor prioritare cu valorificare prin transfer tehnologic” - INO – Transfer – UO nr 236/01.11.2022, cu titlul Cercetări privind tratamentele de conservare aplícate textilelor etnografice aparținând patrimoniului cultural, Durata: 01.11.2022 - 31.12.2023, Buget total: 30000 Lei, Funcţia în cadrul proiectului: membru (Dzitac S.); 01.11.2022 - 31.12.2023	30.000 lei
	16. Contract de finanţare câştigat prin competiția de granturi ”Cercetarea științifică de excelență aferentă domeniilor prioritare cu valorificare prin transfer tehnologic” - INO – Transfer – UO nr 262/11.11.2022, cu titlul Soluții privind managementul deșeurilor și tranziția la economía circulară a organizațiilor din industria de publicitate stradală (Reciclarea bannerelor flex din policlorura de vinil, Durata: 11.11.2022 - 31.12.2023, Buget total: 30450 Lei, Funcţia: membru (Dzitac S.); 11.11.2022 - 31.12.2023	30.450 lei
	17. Proiect POCU/379/6/21 – Proiect POCU – *Antreprenor pentru viitor* , Durata: 01.08.2019 – 23.05.2021, Valoarea proiectului: 7.282.442,22 lei, Funcţia în cadrul proiectului: responabil implementare la nivel de IEMI; Membru: Dzitac S., Barla E.; 2019-2021	7.282.442,22 lei
	18. Proiectul “Eficientizarea procesului de internaționalizare a Universității din Oradea prin creșterea vizibilității și parteneriate strategice” – FDI 2020, Domeniul 2: Internaționalizarea Învățământului Superior din România, Perioada de derulare: 1 mai 2020 -18 decembrie 2020 Membru: Hora Cristina; 2020;	345.132 lei
	19. Proiectul ”Creșterea capacității instituționale prin crearea de spații de studiu pentru studenții Universității din Oradea – StartEDU”, proiect finanțat de CNFIS-FDI-2020-0105, Funcţia în cadrul proiectului: mentor organizații studențești; Membru: Dzitac S.; 2020	
	20. *Proiectul Networking educaţional prin metode eficiente de învăţare şi promovare de bune practici* (Acces2UO), proiect finanţat de CNFIS-FDI_2019-0687, Domeniul 1: Creşterea echităţii sociale în vederea incluziunii sociale şi sporirea accesului la învăţământul superior, corelarea ofertei educaţionale cu cererea pieţei muncii (inclusiv cele privitoare la consilierea şi orientarea în carieră), Funcţia în cadrul proiectului: expert învăţământ universitar tehnic; Membru: Dzitac S.; 2019	200.000 lei
	21. Proiectul de mobilitate pentru cercetători cu experienţă din diaspora, cod PN-III-P1-1.1-MCD-2019-0030 în cadrul programului PN III: Dezvoltarea sistemului naţional de cercetare-dezvoltare, Subprogram: Resurse umane, contract de finanţare nr. 3 din 10.07.2019, Durata: 7 zile, Valoarea contractului: 4300 lei, Funcţia în cadrul proiectului: responsabil Dzitac S.; 2019	4300 lei
	22. Combaterea abandonului școlar la Facultatea de Inginerie Energetică și Management Industrial, acord de grant nr. 153/SGU/NC/II din data 10.09.2019 – proiect ROSE - YouTurn. Membru: Hora C, Rancov N, Moldovan V, Barla E.; 2019	40.000 Eur
	23. Contractul de cercetare nr. 137/SGU/PV/II din data de 13.05.2019, Proiectul privind învăţământul secundar (ROSE) Schema de granturi pentru universităţi – Programe de vară de tip punte. Acces la educaţie. Edu-Smart, Durata 13.06.2019 – 31.07.2019, Funcţia în cadrul proiectului: responabil programe studiu IEMI; Membru: Dzitac S.; 13.06.2019 – 31.07.2019	
	24. Contractul de cercetare nr. 137/SGU/PV/II din data de 13.05.2019, Proiectul privind învăţământul secundar (ROSE) Schema de granturi pentru universităţi – Programe de vară de tip punte. Acces la educaţie. Edu-Smart, Durata 12.07.2022 – 31.08.2022, Funcţia în cadrul proiectului: responsabil programe studiu IEMI (Dzitac S.); 12.07.2022-31.08.2022;	
	25. Contractul de cercetare nr. 137/SGU/PV/II din data de 13.05.2019, Proiectul privind învăţământul secundar (ROSE) Schema de granturi pentru universităţi – Programe de vară de tip punte. Acces la educaţie. Edu-Smart, Durata 01.07.2021 – 31.08.2021, Funcţia în cadrul proiectului: responsabil programe studiu IEMI; Membru: Dziţac Simona; 01.07.2021 – 31.08.2021	
	26. Centrul de Învățare al Universității din Oradea – Digital BlendIN, Proiect ROSE: AG. 294/SGU/CI/III/18.12.2019, perioada 2019-2024, membru: Hora C., responsabil activități remediale (2023-2024); 2019-2024;	2.221.770,45 lei
	27. Implementarea conceptului de Calitate 4.0 la Universitatea din Oradea, Cod proiect CNFIS-FDI-2023-F-0418, 2023, membru: Hora C.; 2023;	226.316 lei
	Proiecte din PNCDI II **-**	-
	Proiecte internationale	-
	Contracte de cercetare/consultanta pentru mediul economic	**Valoare (RON)**
1.	Analiza, diagnoza și elaborare raport privind soluția de alimentare cu energie electrică a centrului de date din Rectorat și din Biblioteca UO, comanda nr. 412/24.07.2019, Membri: Meianu D, Moldovan V, Campan M, Albut D.	5000 (2019)
2.	Elaborarea de norme de consum pentru sistemul de transport și distribuţie a energiei termice din cadrul SACET Oradea și Sânmartin. Cod CPV 71314300-5, beneficiar Termoficare Oradea S.A., 2023, manager proiect Hora C, membri:Blaga A, Secui C.	42000 (2023)
7.4	**Numarul si valoarea contractelor de cercetare nationale finantate din fonduri private**	

	Contract/Tema/Perioada	Valoarea (RON)
	Total	-
7.5	**Alte surse**	
	Contract/Tema/Perioada	Valoarea (RON)
	Total	-
7.6	**Venituri realizate din activitati economice (servicii, microproductie)**	
	Contract/Tema/Perioada	Valoarea (RON)
	Total	-

Obs. Toate date din tabel sunt pe propria raspundere a membrilor centrului

8. RESURSA UMANĂ DE CERCETARE (Total personal de cercetare care realizeaza venituri din activitatea de cercetare dezvoltare)

8.1. Organigrama



FSE - Calitatea şi fiabilitatea sistemelor energetice; EPE - Eficienţa proceselor energetice;
IPEAM - Impactul proceselor energetice asupra mediului.

8.2. Structura de personal
Membri centrului de cercetare in perioada de evaluare (2019-2023):

1.Felea Ioan, dr. profesor, membru asociat (până în noiembrie 2023)
2.Bendea Gabriel, dr. profesor - membru
3.Secui Calin, dr. conferentiar - membru
4.Hora Cristina, dr. conferentiar – membru
5.Dziţac Simona, dr. conferentiar – membru
6.Moldovan Vasile, dr. șef lucrări – director
7.Meianu Dragos, dr. șef lucrări – membru
8.Rancov Nicolae, dr. șef lucrări – membru
9.Albut Daniel, dr. șef lucrări – membru
10.Cîmpan Mihnea, dr. șef lucrări – membru
11.Bunda Şerban, dr. șef lucrări – membru
12.Barla Eva, dr. șef lucrări – secretar științific
13.Felea Adrian, dr. șef lucrări – membru (până în Feb. 2024)

* Au fost luate în considerare doar activitățile în care sunt implicați membrii titulari ai centrului în perioada 2019-2023 (nr. de membri titulari in perioada 2019-2023=12)

Cercetători ştiinţifici gradul 1 (profesori)/din care doctori în ştiinţă: **_2_/_2_**
Cercetători ştiinţifici gradul 2 (conferenţiari)/din care doctori în ştiinţă: **_3_/_3_**
Cercetători ştiinţifici gradul 3 (lectori)/din care doctori în ştiinţă: **_8_/_8_**
Cercetători ştiinţifici/din care doctori în ştiinţă: -/-
Asistenţi de cercetare: -/**-**
Total personal auxiliar de cercetare angajat: -/-

8.3. Date privind perfecţionarea resursei umane

Centrul de Cercetare în domeniul energetic cu denumirea „Managementul Proceselor Energetice” este o entitate de cercetare care are cadre didactice implicate in parcurgerea programelor de formare (învăţământ şi cercetare) în ciclurile II şi III, precum şi cursuri postuniversitare de specializare.

8.3.1. Numărul de doctoranzi şi masteranzi care lucrează în unitatea de cercetare-dezvoltare la data completării formularului sunt prezenţaţi în Tabelul 8.1:

Tabelul 8.1

Nr.	Nume şi prenume	Grad ştiinţific si didactic
1.	Szabo Emeric	ing. – doctorand (asociat), anul VII
2.	Trandafir N. Elian Nicolae	ing. – doctorand (asociat), anul VI
3.	Negrea Daniela	ing. – doctorand (asociat), anul IV
4.	Hoble Calin	ing. – doctorand (asociat), anul II
5.	Rencsik Otto Lorand	ing. – doctorand (asociat), anul I
6.	Nicodin Ioan Aurel	ing. – doctorand (asociat), anul I
7.	Ploae Marcel Răzvan	ing. – doctorand (asociat), anul I

8.3.2. Număr de teze de doctorat realizate în unitatea de cercetare-dezvoltare în perioada pentru care se face evaluarea (Tablelul 8.2.):

Tabelul 8.2

Nr.	Nume şi prenume	Anul sustinerii
-	-	-

9. INFRASTRUCTURA DE CERCETARE – DEZVOLTARE

9.1. Laboratoare de cercetare – dezvoltare

- Audit electroenergetic (sala A107);
- Diagnoza tehnică a mașinilor şi echipamentelor electrice (sala T105C);

9.2. Lista echipamentelor performante achiziţionate

- Debitmetru ultrasonic portabil pentru gaze
- Debitmetru ultrasonic portabil pentru lichide
- Analizor de calitate a energiei electrice - Chauvin Arnoux C.A. 8334B
- Analizor de calitate a energiei electrice
- Echipament complex pentru verificarea instalatiilor electrice de JT – Fluke 1653B
- Aparat pentru măsurarea prizelor de pământ – P01126504 – CA 6472
- Echipament verificare instalaţii electrice P01145450 – CA6116
- Cronometru digital portabil – PTE – 30 – CH
- Fazmetru numeric portabil – PME – 20 – PH
- Tahometru digital – 17.550 – CT 100E C
- Analizor întrerupător putere – PME – 500 – TR
- Cameră de termoviziune profesională - FLUKE TI32
- Echipament trifazic pentru măsurare raport de transformare – TRT 30
- Aparat măsurarea câmpului magnetic şi electric – CA42 – CA42

10. CENTRALIZATOR PUNCTAJ CENTRU DE CERCETARE (*a se lista pe o singura pagina*)

Capitol	Paragraf	Subparagraf	Punctaj*	Punctaj / membru
4				
4	**4.1**			
	4.1	4.1.1	750	62.50
	4.1	4.1.2	0	0
	4.1	4.1.3	1735	144.58
	Total punctaj 4.1.		**2485**	**207.08**
	4.2			
	4.2	4.2.1	0	0
	4.2	4.2.2	0	0
	Total punctaj 4.2.		0	0
	4.3			
	Total punctaj 4.3		0	0
Total punctaj cap. 4			**2485**	**207.08**
5				
5	**5.1**		65	5.42
	5.2		100	8.33
	5.3		0	0
Total punctaj cap. 5			**175**	**13.75**
6				
6	**6.1**		1420	118.33
	6.2		0	0
	6.3		0	0
	6.4		0	0
	6.5		10	0.83
	6.6		120	10
Total punctaj cap. 6			**1550**	**129.17**
Punctaj general centru: 4+5+6			**4200**	**350.00**

*Punctajele sunt considerate doar pentru activitățile în care sunt implicați membrii titulari ai centrului (nr. de membri titulari in perioada 2019-2023=12)

Data: Februarie 2024

Director Centru de cercetare:
s.l.dr.ing. Moldovan Vasile

Secretar științific
s.l. dr. ing. Eva BARLA

II. REGULAMENTUL DE ORGANIZARE ŞI STATUTUL DE FUNCŢIONARE AL CENTRULUI DE CERCETARE „MANAGEMENTUL PROCESELOR ENERGETICE”

Cap. 1. Denumirea, participanţi, structura, forma juridică, sediul, durata de activitate

Art. 1.1. Denumirea Centrului de Cercetare este „Managementul Proceselor Energetice” (MPE) şi reuneşte trei direcţii de cercetare.
Art. 1.2. Centrul de Cercetare „MPE” este o entitate de cercetare ştiinţifică integrată în structura Facultăţii de Inginerie Energetică şi Management Industrial, Departamentul de Inginerie Energetică din cadrul Universităţii din Oradea, funcţionând în conformitate cu prezentul regulament.
Art. 1.3. Centrul de cercetare „MPE” reuneşte profesori, conferenţiari, şefi de lucrări, asistenţi, preparatori, cercetători, doctoranzi şi studenţi în ciclul II (master), cu preocupări în domeniul proceselor energetice.
Art. 1.4. Centrul de cercetare „MPE” este o entitate de cercetare care gestionează şi coordonează activităţile a trei colective de cercetare dedicate efectuării de cercetări ştiinţifice în următoarele direcţii:

- Calitatea şi fiabilitatea sistemelor energetice (FSE);
- Eficienţa proceselor energetice (EPE);
- Impactul proceselor energetice asupra mediului (IPEAM).

Art. 1.5. Centrul de Cercetare „MPE” este reprezentat pe plan administrativ de către director, iar reprezentarea juridică este asigurată de către Universitatea din Oradea.
Art. 1.6. Sediul Centrului de Cercetare „MPE” este în cadrul Universităţii din Oradea, Facultatea de Inginerie Energetică şi Management Industrial, Departamentul de Inginerie Energetică, Str. Universităţii nr. 1, Oradea, Bihor, România, tel. 0259/408231, fax. 0259/408404, e-mail: moldovan@uoradea.ro.
Art. 1.7. Durata de activitate a Centrului de Cercetare „MPE” este nelimitată.

Cap. 2. Scopul şi necesitatea constituirii

Art. 2.1. Scopul constituirii Centrului de Cercetare „MPE”, constă în:

a) Formarea şi perfecţionarea resurselor umane dedicate gestionării adecvate a proceselor energetice, la nivel de masterat, studii postuniversitare şi doctorat;
b) Dezvoltarea cercetării ştiinţifice şi tehnologice în domeniul proceselor energetice, orientată în următoarele direcţii: fiabilitatea sistemelor energetice, eficienţa proceselor energetice şi impactul proceselor energetice asupra mediului;
c) Promovarea rezultatelor cercetării ştiinţifice pe plan naţional şi internaţional;
d) Sprijinirea integrării europene a României în ceea ce priveşte învăţământul tehnic superior şi cercetarea ştiinţifică în domeniile menţionate, precum şi asimilarea directivelor şi reglementărilor Uniunii Europene;
e) Sprijinirea, sub aspect tehnic, ştiinţific şi a reglementărilor Uniunii Europene, a sectoarelor industriale din România, în vederea creşterii competitivităţii produselor pe

care la fabrică sau a serviciilor pe care le furnizează;

f) Diseminarea rezultatelor cercetării şi a reglementărilor din domeniile de interes menţionate prin formare continuă şi postuniversitară, în conformitate cu cerinţele pieţei muncii.

Art. 2.2. Necesitatea constituirii Centrului de cercetare „MPE" este susţinută de:

a) Importanţa mondială a domeniului abordat, care are implicaţii în toate sectoarele de activitate economică, sănătate, învăţământ şi calitate a vieţii, atât prin implicarea ştiinţifică şi tehnologică, cât şi prin reglementări legale;
b) Decalajul ştiinţific, tehnologic şi juridic al României faţă de Uniunea Europeană, accentuat de retardul metodelor de investigare şi al echipamentelor şi de reducerea activităţii centrelor de cercetare din domeniul energetic;
c) Necesitatea valorificării rezultatelor recunoscute ale cercetărilor efectuate de către membrii centrului.

Cap. 3. <u>Obiect de activitate</u>

Art. 3.1. Activitatea Centrului de Cercetare „MPE" se constituie, în principal, din:

a) Conceperea şi derularea de programe de cercetare în domeniul energetic, precum şi în domenii inter şi pluridisciplinare;
b) Derularea de teme de cercetare solicitate de beneficiari interni sau externi sau identificate prin activităţi proprii în vederea valorificării ulterioare;
c) Dezvoltarea bazei materiale prin achiziţii şi autodotare;
d) Promovarea şi derularea de programe de formare de tip studii postuniversitare de specializare, master, doctorat, formare continuă, în varianta la zi, la distanţă şi cu frecvenţă redusă;
e) Acordarea de asistenţă sub aspect tehnic şi de laborator programelor de învăţământ şi doctorat care se derulează în facultăţile tehnice ale Universităţii din Oradea;
f) Dezvoltarea unui centru de documentare şi informare cuprinzând o bibliotecă şi facilităţi informatice;
g) Dezvoltarea relaţiilor de colaborare cu membrii structurilor din cercetare, învăţământ, producţie şi legislaţie din ţară şi străinătate prin organizare de vizite, simpozioane, seminarii, mese rotunde şi altele;
h) Susţinerea şi sprijinirea publicării de articole ştiinţifice elaborate de membrii Centrului de Cercetare în reviste de specialitate din ţară şi străinătate, sprijinirea participării acestora la congrese, conferinţe, sesiuni ştiinţifice internaţionale şi acordarea de premii tinerilor cercetători cu rezultate deosebite;
i) Încheierea de acorduri cu parteneri români sau străini pentru derularea de activităţi ştiinţifice, tehnice şi de dezvoltare, precum şi sprijinirea desfăşurării acestora;
j) Participarea la programele de cercetare ştiinţifică iniţiate de Uniunea Europeană, precum şi cele iniţiate în ţară.

Art. 3.2. În cadrul Centrului de Cercetare „MPE" se mai pot desfăşura următoarele activităţi:

a) Conceperea şi dezvoltarea de produse;
b) Activităţi de încercare, testare şi validare de produse, precum şi alte servicii;
c) Activităţi de consultanţă şi expertiză tehnică;
d) Activităţi de elaborare de standarde, norme sau altele asemenea.

Cap. 4. Principii de organizare şi funcţionare. Organigrama

Art. 4.1. Conducerea Centrului de Cercetare „Managemetul Proceselor Energetice” (CCMPE) este asigurată de un Consiliu de conducere format din:

a) Director;
b) Director adjunct;
c) Responsabilii Colectivelor de cercetare;
d) Secretar ştiinţific.

Directorul Centrului este numit de către decanul facultăţii, la propunerea directorului de departament şi cu avizul Consiliului Facultăţii.

Directorul adjunct, este numit de către directorul de departament, la propunerea directorului CCMPE.

Responsabilii Colectivelor de cercetare sunt aleşi de către membrii colectivelor, la propunerea directorului CCMPE. Alegerea se face cu majoritatea simplă a voturilor membrilor colectivului respectiv.

Secretarul ştiinţific este numit de către directorul CCMPE. Organigrama CCMPE se prezintă în fig. 1.

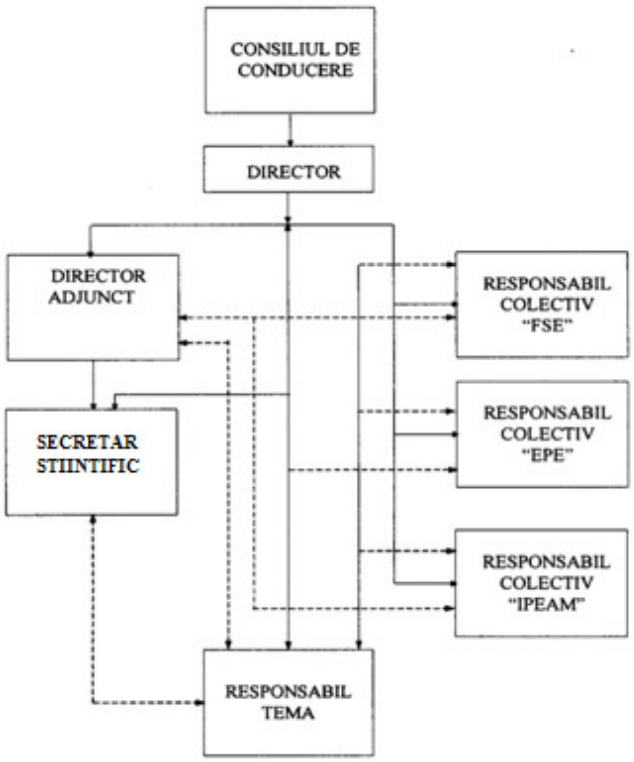


Fig.1. Organigrama CCMPE

Art. 4.2. Atribuţiile Directorului centrului sunt:

a) asigură conducerea curentă şi permanentă a întregii activităţi a CCMPE şi duce la îndeplinire hotărârile Consiliului de conducere;
b) ia decizii în conformitate cu hotărârile Consiliului de conducere, Statutul şi Regulamentul de funcţionare al CCMPE;

c) stabileşte sarcinile şi urmăreşte activitatea personalului angajat;
d) întocmeşte un Raport anual privind activităţile desfăşurate şi un Raport financiar anual pe care îl prezintă Consiliului de conducere şi după caz, forurilor abilitate ale Universităţii din Oradea;
e) angajează patrimoniul CCMPE în limitele competenţelor stabilite de Consiliul de conducere;
f) reprezintă CCMPE în afara acestuia;
g) convocă Consiliul de conducere;
h) în situaţiile în care Directorul nu îşi poate îndeplini temporar atribuţiile, ele vor fi preluate de către Directorul Adjunct.

Art. 4.3. Atribuţiile Responsabililor de colective sunt:
a) iau parte, cu drept de vot, la şedinţele Consiliului de conducere;
b) fac propuneri de reorganizare a activităţii în vederea îmbunătăţirii acesteia în cadrul colectivului pe care îl conduc;
c) organizează şi urmăresc activitatea membrilor Colectivului de cercetare constituit pentru temele de cercetare pe care le conduc;
d) asigură accesul membrilor colectivului la baza materială şi de documentare în vederea realizării obiectivelor aferente temelor de cercetare;
e) asigură, în limita finanţării, procurarea echipamentelor, software-ului şi materialelor documentare necesare bunei desfăşurări a activităţii colectivului;
f) identifică resurse de finanţare pentru CCMPE;

Art. 4.4. Consiliul de conducere se întruneşte trimestrial, la convocarea Directorului Centrului sau în situaţii excepţionale.

Art. 4.5. Agenda unei întruniri este stabilită de Directorul centrului, cu consultarea responsabililor de colective. Agenda va fi comunicată membrilor Consiliului de Conducere al CCMPE cu cel puţin trei zile înainte de desfăşurarea şedinţei.

Art. 4.6. Întrunirile Consiliului de conducere sunt statutare în condiţiile prezenţei majorităţii simple a membrilor cu drept de vot. Membrii cu drept de vot care nu pot participa la o întrunire pot desemna înlocuitori autorizaţi sau transmit în scris poziţia lor.

Art. 4.7. Întrunirile Consiliului sunt conduse de Director sau Director adjunct.

Art. 4.8. Programele şi acţiunile CCMPE hotărâte de către Consiliul de conducere vor fi conduse de un membru CCMPE numit de către Consiliu.

Art. 4.9. Coordonatorul de program sau acţiune asigură managementul complet al acestora şi răspunde de finalizare, în termenele convenite. El informează periodic Consiliul de conducere asupra stadiului programului sau acţiunii şi întocmeşte o evaluare finală la terminarea acestora.

Cap. 5. <u>Patrimoniul Centrului de cercetare</u>

Art. 5.1. Accesul la patrimoniul CCMPE este asigurat astfel:
a) <u>Acces direct</u>, pentru:
- membrii CCMPE;
- doctoranzii, participanţii la programele „master” şi alte studii postuniversitare din cadrul Facultăţii IEMI din domeniul inginerie energetică, coordonate de către CCMPE;

- cadrele didactice din Facultatea IEMI, care nu fac parte din CCMPE.

b) Acces indirect, oricărei instituţii sau întreprinderi care solicită servicii din sfera de activităţi a CCMPE.
c) Accesul direct este asigurat şi pentru terţi (beneficiari, colaboratori) în cadrul programelor de colaborare.

Art. 5.2. Accesul direct presupune utilizarea nemijlocită sau asistată, de către solicitant, a obiectului de patrimoniu. Accesul indirect presupune utilizarea obiectului de patrimoniu de către persoane autorizate din cadrul CCMPE, în vederea executării comenzii unui beneficiar.
Art. 5.3. Accesul se obţine pe baza unei solicitări adresate CCMPE. Aprobarea accesului se poate da numai pentru activităţi conforme cu Statutul CCMPE, desfăşurate cu respectarea prevederilor Regulamentului de funcţionare al CCMPE.
Art. 5.4. Planificarea accesului la obiectele de patrimoniu ale CCMPE revine Consiliului de conducere şi este asigurată, în mod operativ, de către Director şi Responsabilii de colective de cercetare, care ţin şi evidenţa utilizării obiectelor de patrimoniu. La programarea accesului în centrul de cercetare, de regulă, au prioritate acţiunile proprii ale CCMPE.
Art.5.5. Utilizarea obiectelor din patrimoniul CCMPE se face în regim de taxă de utilizare/abonament. Sunt scutiţi de plata acestora următorii utilizatori:

a) participanţii la programele de tip „master" şi doctoranzii implicaţi în activitatea CCMPE;
b) membrii CCMPE şi ai Departamentului de Inginerie Energetică, dar numai pentru operaţiuni de training şi de dezvoltare a patrimoniului CCMPE.

În cazurile excepţionale, Comitetul Director al CCMPE poate acorda şi alte scutiri de taxe.
Art. 5.6. Taxele de utilizare pentru acces direct (conf. Art. 7.1.a.) se stabilesc astfel încât să acopere cheltuielile de întreţinere/reparaţii şi cheltuielile cu materialele consumabile, cu excepţia acelor utilizări care servesc la elaborarea de lucrări de cercetare şi alte acţiuni pe bază de contract.
Taxele de utilizare pentru acces indirect (conf. Art. 7.1.b.), ca şi cele care constituie excepţia la paragraful precedent, vor conţine:

a) contravaloarea materialelor consumabile folosite;
b) manopera suplimentară aferentă utilizării şi toate operaţiile legale legate de aceasta;
c) cota de regie a Centrului de Cercetare ce gestionează obiectul folosit;
d) o cotă de înlocuire/amortizare a obiectului utilizat;
e) o cotă de dezvoltare a patrimomiului CCMPE.

Art. 5.7. Taxele de utilizare încasate intră în contul Centrului de Cercetare.
În situaţii deosebite, Consiliul de conducere poate hotărî şi o altă defalcare a taxelor de utilizare.
Art. 5.8. Taxele de utilizare vor fi stabilite de Consiliul de conducere al CCMPE, după achiziţionarea obiectelor de patrimoniu, în baza cunoaşterii valorilor exacte ale acestora, ca şi a cheltuielilor de instalare, întreţinere (consumabile etc.).
La stabilirea taxelor de utilizare se vor avea în vedere reglementările în vigoare.

Cap. 6. Reglementări financiare

Art. 6.1. Funcţionarea CCMPE are la bază existenţa unor surse de finanţare ce se constituie din:

- sumele provenite din contractele de cercetare/dezvoltare/formare;
- granturi;
- sponsorizări şi donaţii;
- cote din alocaţiile bugetare ale universităţii;
- contravaloarea seviciilor şi utilităţilor puse la dispoziţia beneficiarilor;
- taxe asupra lucrărilor efectuate;
- valorificarea materialelor documentare elaborate;
- alte venituri.

Art. 6.2. Sursele de finanţare trebuie să asigure îndeplinirea obiectivelor CCMPE şi anume:

- acoperirea cheltuielilor legate de funcţionarea CCMPE (cheltuieli directe şi indirecte, salariile personalului şi ale colectivelor de cercetare, materiale, întreţinerea şi amortizarea echipamentelor, regie etc.);
- dezvoltarea CCMPE prin achiziţionarea de noi echipamente, tehnologii, software, material bibliografic etc.

Art. 6.3. Activităţile prestate de către colectivele de cercetare şi personalul CCMPE sunt retribuite în conformitate cu legislaţia în vigoare.

Art. 6.4. Evidenţa financiar-contabilă a CCMPE va fi organizată şi condusă de către o persoană cu pregătire de specialitate corespunzătoare (contabil, economist).

Cap. 7. <u>Dispoziţii finale</u>

Art. 7.1. Orice modificare a prezentului Regulament se poate face numai de către Consiliul de conducere, în conformitate cu reglementările Universităţii din Oradea.

Aprobat în şedinţa Consiliului Facultăţii de Energetică din data de 12.12.2007.
Actualizare aprobată în şedinţa Consiliului Facultăţii IEMI din data de 27.06.2013.

DecanDirector de Departament

Conf. univ. dr. ing. Gabriel BENDEA Prof. univ. dr. ing. IOAN FELEA