

Books, book chapters – published nationally

Nr.	Autori	Titlu capitol / carte, ISBN	Editura
1	Gota Dan Ioan	"Proiectarea Asistata de Calculator a Sistemelor Independente de Producere a Energiilor Regenerabile", 141 pag., ISBN: 978-973-53-2893-1	Editura Risoprint 2022
2	Gota Dan, Fanca Alexandra, Pop Adela, Valean Honoriu	Concepte OOP in C++, ISBN 978-606-737-590-9	UTPress 2022
3	Dan GOTA, Alexandra FANCA, Adela POP, Honoriu VALEAN, Valentin TODESCU	Konzepte OOP in C++, ISBN 978-973-53-2981-5	Editura Risoprint Cluj Napoca 2023
4	Gota Dan, Fanca Alexandra, Pop Adela, Stan Ovidiu, Valean Honoriu	Programarea orientata pe obiecte in limbajul C# ISBN: 978-973-53-2915-0	Editura Risoprint Cluj Napoca 2022
5	Iulia Stefan, Dan GOTA, Liviu Miclea, Honoriu VALEAN, Szilard Enyedi	Tehnici de testare a programelor, ISBN: 978-973-53-3002-6	Editura Risoprint Cluj Napoca 2023

Papers and articles in ISI indexed journals or ISI indexed conference proceedings

Nr.	Autori / titlu lucrare / revista (conferinta)
1	Dan Gota ; Henrik Lund, Liviu Miclea, Romanian energy system model and a nuclear reduction strategy, Energy Journal, ISSN: 0360-5442, Volume 36, Issue 11, November 2011
2	Diana Crişan; Alexandru Irimia; Dan Gota ; Liviu Miclea; Adela Puscasiu; Ovidiu Stan; Honoriu Valean, Analyzing Benford's Law's powerful applications in image forensics", Applied Sciences 2021, has been accepted in Appl. Sci. (ISSN 2076-3417) on 28 November 2021
3	Stan, O.P.; Enyedi, S.; Corches, C.; Flonta, S.; Stefan, I.; Gota, D. ; Miclea, L., Method to Increase Dependability in a Cloud-Fog-Edge Environment.", Sensors 2021, 21, 4714
4	Ionut-Catalin Donca, Ovidiu Petru Stan, Marius Misaros, Dan Gota , Liviu Miclea , "Method for Continuous Integration and Deployment Using a Pipeline Generator for Agile Software Projects", Data publicării: 2022/6/20, Jurnal: Sensors, Volumul:22, Numărul: 12, Pagini: 4637, Editor MDPI
5	Vigu, C, Dan Gota , Capatana, D., Improving the wind speed estimation algorithms using results obtained in the field, CONTROL ENGINEERING AND APPLIED INFORMATICS Volume: 12 Issue: 3 Pages: 13-17 Published: Sept. 2010 (ISI, ISI, IF: 0.695 – 0.775, Q4 AUTOMATION & CONTROL SYSTEMS)
6	Fanca, Alexandra & Cujerean, Monica & Adela, Puscasiu & Gota, Dan-Ioan & Valean, Honoriu. System for Monitoring People with Disabilities in the Event of an Accident using Mobile Terminals. International Journal of Advanced Computer Science and Applications.2019, 10. 10.14569/IJACSA.2019.0101210.
7	Dan Gota , Claudiu Domuta, Liviu Miclea, „Design and control of smart hybrid renewable energy systems using modified genetic algorithms and direct design control”, Asia-Pacific Power and Energy Engineering Conference – APPEEC 2012, Shanghai, China, March 27-29, 2012, IEEE Xplore DOI: 10.1109/APPEEC.2012.6306937
8	Alexandra Fanca, Adela Puscasiu, Paul Calin Detesan, Dan Ioan Gota , Honoriu Valean, Liviu Miclea,

	„Monitoring System For Quarantined Persons”, 2021 25th International Conference on System Theory, Control and Computing (ICSTCC), October 20-23, 2021, Iasi, Romania
9	Adela Puscasiu, Alexandra Fanca, Dan-Ioan Gota , Claudiu Domuta, Honoriu Valean, Ovidiu Stan, Liviu Miclea, „Data transmission and remote control of Android mobile devices”, International Conference on Electrical, Computer, Communications and Mechatronics Engineering (ICECCME), 7-8 October 2021, Mauritius
10	Dan Ioan Gota , Adela Puscasiu, Alexandra Fanca, Dumitru Bogdan Neag, Mihai Hulea, Liviu Miclea, Honoriu Valean, „Monitoring system for Android devices sensor performance”, 2021 25th International Conference on System Theory, Control and Computing (ICSTCC), October 20-23, 2021, Iasi, Romania
11	Alexandru Ciobotaru, Dan Ioan Gota , Adela Puscasiu, Ovidiu Stan, Alexandra Fanca, Claudiu Domuta, Honoriu Valean, Liviu Miclea, “Deep Neural Networks and Computer Vision for Real-Time Facial Landmark Detection”, International Conference on Electrical, Computer and Energy Technologies, 2021 December Capet Town
12	C. Vigu; L. Budai; Dan Gota ; M. Abrudean, Hydropower production schedule optimization using genetic algorithms, Proceedings of 2012 IEEE International Conference on Automation, Quality and Testing, Robotics, Year: 2012, Pages: 240 – 243, DOI: 10.1109/AQTR.2012.6237710
13	Fanca, Alexandra & Adela, Puscasiu & Gota, Dan-Ioan & Valean, Honoriu . (2019). Methods to minimize false detection in accidental fall warning systems. 851-855. 10.1109/ICSTCC.2019.8885996
14	Adela, Puscasiu & Fanca, Alexandra & Gota, Dan-Ioan & Valean, Honoriu Dynamic Routing of Traffic Based on Greenhouse Gases Measurements. 549-553, 2019. 10.1109/ICSTCC.2019.8886113
15	Gota, Dan-Ioan & Fanca, Alexandra & Adela, Puscasiu & Valean, Honoriu & Miclea, Liviu. Driving Evaluation Based on Acceleration, Speed and Road Signs. 554-559. 10.1109/ICSTCC.2019.8885678.
16	Adela, Puscasiu & Fanca, Alexandra & Gota, Dan-Ioan & Valean, Honoriu. Cooperative traffic control based on greenhouse gases footprint minimization. 1-6., 2019.10.1109/CarpathianCC.2019.8766020.
17	Adela, Puscasiu & Fanca, Alexandra & Gota, Dan-Ioan & Folea, Silviu & Valean, Honoriu. A Survey on Distributed Greenhouse Gases Monitoring Systems. International Journal of Advanced Computer Science and Applications. 2019, 10.10.14569/IJACSA.2019.0101141.
18	Fanca, Alexandra & Adela, Puscasiu & Gota, Dan-Ioan & Valean, Honoriu. (2018). Evaluating Data Accuracy of Built-In Smartphone Sensors for Mobile Applications. 1-4. 10.1109/TELFOR.2018.8611941
19	Adela Puscasiu, Alexandra Fanca, Honoriu Valean, Dan-Ioan Gota , Ovidiu Stan, Nicolae Roman, Iulia Clitan, and Vlad Muresan , “Indoor Air Quality Monitoring System for Healthcare Facilities”, Meditech Cluj 2020, 7th International Conference on Advancements of Medicine and Health Care through Technology, 13 – 15 October 2020
20	A. Puscasiu, A. Fanca, D. Gota and H. Valean, "Data mining for identifying trends in markets," 2020 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR), Cluj-Napoca, Romania, 2020, pp. 1-6, doi: 10.1109/AQTR49680.2020.9130020.
21	A. Puscasiu, A. Fanca, D. Gota and H. Valean, "Automated image captioning," 2020 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR), Cluj-Napoca, Romania, 2020, pp. 1-6, doi: 10.1109/AQTR49680.2020.9129930
22	D. Gota , A. Puscasiu, A. Fanca, H. Valean and L. Miclea, "Human-Computer Interaction using hand gestures," 2020 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR), Cluj-Napoca, Romania, 2020, pp. 1-5, doi: 10.1109/AQTR49680.2020.9130016
23	D. Gota , A. Puscasiu, A. Fanca, L. Miclea and H. Valean, "Smart home automation system using Arduino microcontrollers," 2020 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR), Cluj-Napoca, Romania, 2020, pp. 1-7, doi: 10.1109/AQTR49680.2020.9129989
24	L. Gota, D. Gota and L. Miclea, "Continuous Integration in Automation Testing," 2020 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR), Cluj-Napoca, Romania, 2020, pp. 1-6, doi: 10.1109/AQTR49680.2020.9129990
25	Dan-Ioan Gota , Adela Puscasiu, Alexandra Fanca, Honoriu Valean and Liviu Miclea, “Threat Objects Detection in Airport using Machine Learning” 2020 21st International Carpathian Control Conference (ICCC), Krakow-Wieliczka, Poland, 2020
26	Alexandra Fanca, Adela Puscasiu, Dan-Ioan Gota and Honoriu Valean, “ Recommendation Systems with

	Machine Learning”, 2020 21st International Carpathian Control Conference (ICCC), Krakow-Wieliczka, Poland, 2020
27	Alexandra Fanca, Adela Pop Puscasiu, Dan Ioan Gota , Flavius Mădălin Giurgiu, Maria Magdalena Santa, Honoriu Valean, Claudiu Domuta, Liviu Miclea, “Romanian Coins Recognition and Sum Counting System From Image Using TensorFlow and Keras”, 2022 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR)
28	Alexandra Fanca, Adela Pop Puscasiu, Dan Ioan Gota , Honoriu Valean, ” Daily activities monitoring system using the mobile terminal”, 2022 23rd International Carpathian Control Conference (ICCC)
29	Dan Gota , Christian Siman, Alexandra Fanca, Adela Pop Puscasiu, Ovidiu Stan, Honoriu Valean, Liviu Miclea, ”Hand gesture recognition and Infrared Information system” 2022 23rd International Carpathian Control Conference (ICCC)
30	Fanca, Alexandra; POP (Puscasiu), Adela; Gota, Dan ; Valean, Honoriu; Miclea, Liviu "Distributed System for Monitoring Environmental Conditions Using Iot", ICECET 2022 Praga
31	C. Vigu; Dan Gota ; D. Capatana, Improving estimation algorithms based on field data for a hybrid energy system, 2010 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR), Year: 2010, Volume: 3, Pages: 1 – 4, DOI: 10.1109/AQTR.2010.5520762.
32	Dan Gota ; C. Vigu; O. Capatana, A power consumption optimization method for a hybrid renewable energy making system, 2010 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR), Year: 2010, Volume: 3, Pages: 1 – 4, DOI: 10.1109/AQTR.2010.5520773.
33	Gicu Ungureanu; Maria Mircea; Cristian Vigu; Dan Gota , Automated controlling system for protection of hydroelectrical power station with butterfly valves on power channel, 2010 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR), Year: 2010, Volume: 3, Pages: 1 - 5 DOI: 10.1109/AQTR.2010.5520773.
34	Dan Gota ; D. Petreus; L. Miclea, “Wind farms modeling files transformation”, 2010 IEEE-TTTC International Conference on Automation, Quality and Testing, Robotics - AQTR, Cluj-Napoca, Romania, May 28-30 2010, Tome III, pp. 249-254, IEEE Xplore DOI: 10.1109/AQTR.2010.5520739
35	"Ciobotaru, Alexandru; Gota, Dan ; Puscasiu, Adela; Stan, Ovidiu P; Fanca, Alexandra; Domuta, Claudiu; Valean, Honoriu; Miclea, Liviu "Demographic Attributes Classification via Convolutional Neural Networks: A Proposed Solution", ICECET 2022 Praga

Papers and articles in journals or conference proceedings indexed by recognized international databases (BDI) - (Scopus, IEEE Xplore, Science Direct, Elsevier, Springerlink, ACM, DBLP, EURASIP, Wiley, Inspec)

Nr.	Authors / Paper title / conference or journal	BDI
1	Dan Gota , L. Miclea, I. Stoian, Monitoring and Control System of General Services in a Hydroelectric Power Plant Using the GSM/GPRS Network, Journal of Automation, Computers, Applied Mathematics, vol 18 (2009) nr. 3, ISSN 1221-437X, pp. 326-330 (revista indexata BDI-MR si recunoscuta CNCSIS B+).	Scopus

Papers and articles in journals or conference proceedings indexed by other international databases

Nr.	Authors / Paper title / conference or journal
-----	---

Papers accepted for publishing in journals or conference proceedings indexed by recognized international databases (BDI) - (Scopus, IEEE Xplore, Science Direct, Elsevier, Springerlink, ACM, DBLP, EURASIP, Wiley, Inspec)

Nr.	Authors / Paper title / conference or journal	BDI