

Lista lucrărilor 2020 - 2025

Conf univ. dr. Doru Anastasiu Popescu
Universitatea Națională de Știință și Tehnologie POLITEHNICA București - Centrul Universitar Pitești
Facultatea de Științe, Educație Fizică și Informatică
Departamentul de Matematică-Informatică

2025

1. Doru Anastasiu Popescu, Michalis Stefanidakis, Anna Sotiropoulou, Nicolae Bold and Ion Alexandru Popescu, Multidisciplinary educational assessment model using genetic algorithms, ITS2025: 21th International Conference on Intelligent Tutoring System, Greece, 2-6 June 2025, 114-124
2. Doru Anastasiu Popescu, Nicolae Bold and Michail Stefanidakis, A Systematic Model of an Adaptive Teaching, Learning and Assessment Environment Designed Using Genetic Algorithms, Appl. Sci. 2025, 15(7), 4039
3. Doru Anastasiu Popescu, An Enhanced Genetic Algorithm for Optimized Educational Assessment Test Generation Through Population Variation. Big Data Cogn. Comput. 9(4): 98 (2025)
4. Doru Anastasiu Popescu, Marian Ileana, Nicolae Bold, Advanced Security in Distributed Web Systems Using Genetic Algorithm-Based Techniques, Tehnički vjesnik, 32 (5), 1932-1940, 2025
5. DumitreI-Victor Tița, Nicolae Bold, Doru Anastasiu Popescu, Mirela Georgiana Oprea, Claudia Ionela Trusca, Study Regarding the Teacher Training Related to Digital Technology in Romanian Educational System, Didactica Danubiensis, 5 (1), 409-423, 2025
6. DA Popescu, A Sotiropoulou, N Bold, IA Popescu, Optimizing Water Distribution in a Grid-Based Irrigation System Using Evolutionary Methods, Technologies 13 (8), 366
7. Daniel NIJLOVEANU, DumitreI-Victor TITA, Nicolae BOLD, Doru Anastasiu POPESCU, Nicoleta GHEORGHE-PATRACHIOIU, AN INTEGRATED MODEL OF FOOD LOSS AND WASTE DETERMINATION ALONGSIDE THE AGRIFOOD CHAIN. , Scientific Papers Series Management, Economic Engineering in Agriculture & Rural Development, Vol. 25, Issue 2, 2025

2024

1. Popescu, D.A., Ileana, M., Bold, N. (2024). Analyzing the Performance of Distributed Web Systems Within an Educational Assessment Framework. In: Basiouni, A., Frasson, C. (eds) Breaking Barriers with Generative Intelligence. Using GI to Improve Human Education and Well-Being. BBGI 2024. Communications in Computer and Information Science, vol 2162. Springer
2. Popescu, D.A., Bold, N., Domșa, O. (2024). The Optimisation of Genetic Assessment Test Generation Based on Fuzzy Scoring. In: Basiouni, A., Frasson, C. (eds) Breaking Barriers with Generative Intelligence. Using GI to Improve Human Education and Well-Being. BBGI 2024. Communications in Computer and Information Science, vol 2162. Springer
3. DumitreI-Victor TIȚA, Nicolae BOLD, Daniel NIJLOVEANU, Doru Anastasiu POPESCU, Mirela-Georgiana MATEI, Claudia-Ionela TRUȘCĂ, CONCURRENCY AND DISTRIBUTION IN ECONOMIC MARKETS: MODEL DESCRIPTION, Scientific Papers Series Management, Economic Engineering in Agriculture and Rural Development Vol. 24, Issue 2, 2024
4. Daniel Nijloveanu, Victor Tița, Nicolae Bold, Doru Anastasiu Popescu, Dragoș Smedescu, Cosmina Smedescu, Gina Fintîneru, The Development of a Prediction Model Related to Food Loss and Waste in Consumer Segments of Agrifood Chain Using Machine Learning Methods, Journal Agriculture; Basel, 2024/10/1, vol 14, Issue 10, p1837, ISSN 2077-0472, Q1-Ariculture - Science

2023

1. Doru Anastasiu Popescu, Nicolae Bold and Marian Ileana, Performance and scalability challenges of an revised implementation model of assessment test generation using distributed systems, Workshop: SETE 2023. Lecture Notes in Computer Science, vol 14607. Springer, Singapore
2. Victor-Dumitrel TIȚA, Daniel NIJLOVEANU, Doru Anastasiu POPESCU, Nicolae BOLD, ANALYZING PRESENT AND FUTURE CONNECTIONS BETWEEN FARM MANAGEMENT AND PERFORMANCE: COMPARATIVE STUDY USING STATISTICAL METHODS AND SUPERVISED LEARNING., Data publicării 2023/4/1Jurnal Scientific Papers Series Management, Economic Engineering in Agriculture & Rural Development, Volumul, 23, Numărul 2, p701-708 , 2023,
3. Doru Anastasiu Popescu, Ovidiu Domsa, Nicolae Bold, The Determination of the Learning Performance based on Assessment Item Analysis., Doru Anastasiu Popescu, Ovidiu Domsa, Nicolae Bold: The Determination of the Learning Performance based on Assessment Item Analysis. CSW@WSDM 2023: 59-76, WS in conf A*, 2023
4. Doru Anastasiu Popescu, Daniela-Maria Cristea, Nicolae Bold, On an Integrated Assessment for the Students Within an Academic Consortium. ITS 2023: 518-529, 2023
5. Doru Anastasiu Popescu, Daniela-Maria Cristea, Nicolae Bold, A Transfer Learning Approach Interaction in an Academic Consortium, 22nd ICWL 2023: Sydney, NSW, Australia, indexata DBLP, 2023
6. Doru Anastasiu Popescu and Nicolae Bold, On the dynamic generation of items within an assessment test using genetic algorithms, SETE conference, 2023
7. Doru Anastasiu Popescu, Doru Constantin, and Nicolae Bold, Generating assessment tests using image-based item, 3rd Evolutionary Data Mining and Machine Learning WorkshopIEEE International Conference on Data Mining 2023 .Shanghai, China - Nov. 30th 2023, W categoria A*, 2023
8. Doru Constantin, Costel Balcau, Doru Anastasiu Popescu, ICA model estimation using a mixed learning rule based on genetic algorithms and neural networks, 3rd Evolutionary Data Mining and Machine Learning WorkshopIEEE International Conference on Data Mining 2023 .Shanghai, China - Nov. 30th 2023, conferinta A*proceedings published by the IEEE Computer Society Press., 2023

2022

1. DA Popescu, MM Nastase, Evaluation Test Generation Model Using Degrees of Difficulty and Keywords, International Conference on Intelligent Tutoring Systems, 197-203, 2022
2. Victor Tita, Daniel Nijloveanu, Doru Anastasiu Popescu, Nicolae Bold: Study on the efficiency of the design of the drip irrigation management system using plastics. J. Intell. Fuzzy Syst. 43(2): 1697-1705 (2022)
3. Doru Anastasiu Popescu, Mariana Madalina Nastase, Evaluation Test Generation Model Using Two Intervals of Difficulty and Keywords. MIS4TEL (Workshops) : pp 13-22 (2022)
4. Doru Anastasiu Popescu, Nicolae Bold, Ovidiu Domșa, Developing a model of generation of assessment tests using machine learning, SOFA 2022, Springer Proceedings. Acceptat pentru J. Intell. Fuzzy Syst.
5. DA Popescu, MM Nastase, Model for Checking the Similarity of Answers among Students to Detect Cheating Practices, SOFA 2022, Springer Proceedings. Acceptat pentru J. Intell. Fuzzy Syst.

2021

1. Doru Anastasiu Popescu, Gabriel Ciprian Stanciu, Daniel Nijloveanu: Evaluation Test Generator Using a List of Keywords. ITS 2021: 481-489, 2021
2. Doru Anastasiu Popescu, Cosmin Iulian Gosoiu, Ion Alexandru Popescu: Test Students' Attention in Class using a Mobile Application. L2D@WSDM 2021: 49-56, 2021

3. Doru Anastasiu Popescu, Gabriel Ciprian Stanciu, Daniel Nijloveanu: Evaluation Test Generator Using a List of Keywords. ITS 2021: 481-489, 2021

4. Doru Anastasiu Popescu, BAZELE PROGRAMARII - LIMBAJUL C++, infobits.ro, 2021, pp 226, ISBN: 978-606-95233-2-2

2020

1. Mihail DUMITRACHE, Valentina Constanța TUDOR, Alina MĂRCUȚĂ, Victor TIȚA, Alexandru SIPICĂ, Doru Anastasiu POPESCU, Nicolae BOLD, Marius Mihai MICU, *Re-modeling and Simulation of an Economic Map System Based on System Dynamic Principles – Case Study in Southern Romania*, Studies in Informatics and Control, 29(2) 255-264, June 2020

2. Doru Anastasiu POPESCU, *PYTHON – Noțiuni Fundamentale, Culegere de probleme*, infobits.ro, pp 220, ISBN: 978-606-94898-3-3, 2020

3. Victor TIȚA, Nicolae BOLD, Doru Anastasiu POPESCU, Daniel NIJLOVEANU, Nicoleta GHEORGHE PĂTRĂCHIOIU, *Study regarding the efficiency of the training activity in the teaching staff resource centers from Romania*, Journal: Scientific Papers Series-Management, Economic Engineering in Agriculture and Rural Development, vol. 20, Issue 2, pp. 471-476, 2020

4. Doru Anastasiu Popescu, Repetarea operațiilor unui robot LEGO Minstorms EV3, MATINF, UPIT, ANUL 2, Nr. 3, 2019, pp 49-51

5. Tița Victor, Popescu Doru Anastasiu, Daniel Nijloveanu and Nicolae Bold, *Study on the efficiency of the design of the drip irrigation management system using plastics*, 9-th International Workshop on Soft Computing Applications (SOFA) 27-29 nov-2020

6. Doru Anastasiu Popescu, Gabriel Ciprian Stanciu and Daniel Nijloveanu, *Application of Genetic Algorithm in the Generation of Exam Tests*, 9-th International Workshop on Soft Computing Applications (SOFA) 27-29 nov-2020

7. Doru Anastasiu Popescu, Victor Tița and Nicolae Bold, *Model of online course activities management*, 9-th International Workshop on Soft Computing Applications (SOFA) 27-29 nov-2020

Data

31.12.2025