

**ARTICOLE PUBLICATE IN REVISTE RECUNOSCUTE LA NIVEL  
INTERNATIONAL, COTATE CLARIVATE ANALYTICS (ISI WEB OF SCIENCE)  
SAU ARTS & HUMANITIES ÎN ANUL 2023**

**Nicoleta Aldea**

1. N. Aldea, P. Kopacz, *The slope-of-a-mountain problem in a cross gravitational wind*, Nonlinear Analysis, vol. 235 (2023) 113329, pp. 1-22.
2. N. Aldea, P. Kopacz, *Time geodesics on a slippery slope under gravitational wind*, Nonlinear Analysis, vol. 227 (2023) 113160, pp. 1-28.
3. N. Aldea, P. Kopacz, R. Wolak, *Randers metrics based on deformations by gradient winds*, Periodica Mathematica Hungarica (2023) 86:266–280, <https://doi.org/10.1007/s10998-022-00464-8>

**Constantin Lucian Aldea**

1. C. L. Aldea, R. Bocu, R.N. Solca, *Real-Time Monitoring and Management of Hardware and Software Resources in Heterogeneous Computer Networks through an Integrated System Architecture*, Symmetry-Basel, vol.15, Issue 6 (2023), DOI:10.3390/sym15061134, <https://www.mdpi.com/2073-8994/15/6/1134>.
2. C. L. Aldea, R. Bocu, A. Vasilescu, *Relevant Cybersecurity Aspects of IoT Microservices Architectures Deployed over Next-Generation Mobile Networks*, Sensors, vol.23, Issue 1 (2023), DOI:10.3390/s23010189, <https://www.mdpi.com/1424-8220/23/1/189>.

**Bogdan Anghelina**

1. B. Anghelina, R. Miculescu, *On the localization of Hutchinson-Barnsley fractals*, Chaos, Solitons and Fractals, 173 (2023), 113674, DOI:10.1016/j.chaos.2023.113674.

**Alexandra Băicoianu**

1. A. Băicoianu, I.V. Scheianu, *Managing and Optimizing Big Data Workloads for Producing On-demand User Centric Reports*, Big Data Cogn. Comput. **2023**, 7, 78, wos:001014096200001, DOI:10.3390/bdcc7020078 <https://www.mdpi.com/2504-2289/7/2/78>.
2. R. Bocu, A. Băicoianu, A. Kerestely, *An Extended Survey Concerning the Significance of Artificial Intelligence and Machine Learning Techniques for Bug Triage and Management*, IEEE Access, vol.11, **2023**, DOI:10.1109/ACCESS.2023.3329732, <https://ieeexplore.ieee.org/abstract/document/10305170>.
3. A. Vantu, A. Vasilescu, A. Băicoianu, *Medical emergency department triage data processing using a machine-learning solution*, Heliyon 9 (2023) e18402, wos:001051287300001 DOI:10.1016/j.heliyon.2023.e18402 <https://doi.org/10.1016/j.heliyon.2023.e18402>.
4. C. Antonya, C. Husar, S. Butnariu, C. Pozna and A. Băicoianu, *Driver-in-the-Loop Simulator of Electric Vehicles*, CSUM 2022 conference, Springer **2023**, pp. 135-142, <https://csum.civ.uth.gr/> DOI:10.1007/978-3-031-23721-8\_11.

## Răzvan Bocu

1. C. L. Aldea, R. Bocu, R.N. Solca, *Real-Time Monitoring and Management of Hardware and Software Resources in Heterogeneous Computer Networks through an Integrated System Architecture*, Symmetry-Basel, vol.15, Issue 6 (2023), DOI:10.3390/sym15061134, <https://www.mdpi.com/2073-8994/15/6/1134>.
2. C. L. Aldea, R. Bocu, A. Vasilescu, *Relevant Cybersecurity Aspects of IoT Microservices Architectures Deployed over Next-Generation Mobile Networks*, Sensors, vol.23, Issue 1 (2023), DOI:10.3390/s23010189.
3. L. Gorlov, M. Iavich, R. Bocu, *Linear Layer Architecture Based on Cyclic Shift and XOR*, Symmetry-Basel, vol. 15 (2023), 1496, <https://doi.org/10.3390/sym15081496>.
4. R. Bocu, M. Iavich, *Real-Time Intrusion Detection and Prevention System for 5G and beyond Software-Defined Networks*, Symmetry-Basel, 2023, 15, 110. <https://doi.org/10.3390/sym15010110>.
5. R. Bocu, A. Băicoianu, A. Kerestely, *An Extended Survey Concerning the Significance of Artificial Intelligence and Machine Learning Techniques for Bug Triage and Management*, IEEE Access, vol.11, 2023, 001104583500001 DOI:10.1109/ACCESS.2023.3329732 <https://ieeexplore.ieee.org/abstract/document/10305170>
6. M. Iavich, T. Kuchukhidze, R. Bocu, *A Post-Quantum Digital Signature Using Verkle Trees and Lattices*, Symmetry-Basel, vol. 15 (2023), 2165. <https://doi.org/10.3390/sym15122165>.
7. R. Bocu, D. Bocu, M. Iavich, *An Extended Review Concerning the Relevance of Deep Learning and Privacy Techniques for Data-Driven Soft Sensors*, Sensors 2023, 23, 294; <https://doi.org/10.3390/s23010294>.

## Ioana – Antonia Branea (Țacă)

1. A. B. Popescu, C. I. Nita, I.A. Țacă, A. Vizitiu, L. M. Itu, *Privacy-Preserving Medical Image Classification through Deep Learning and Matrix Decomposition*, IEEE 2023, 31st Mediterranean Conference on Control and Automation (MED), Limassol, Cyprus, 2023, pp. 305-310, doi: 10.1109/MED59994.2023.10185748.

## Adina Chirilă

1. A. Chirilă, M. Marin, *Spatial behaviour in microstretch elasticity with mass and thermal diffusion*, Journal of Theoretical and Applied Mechanics, vol. 53 (2023), pp. 116-135.

## Alexandru Ciobanu

1. A. Ciobanu, *Inequalities on Isotropic Submanifolds in Pseudo-Riemannian Space Forms*, International electronic journal of geometry, vol. 16 (2023), Issue 1, pp. 244-253, <https://doi.org/10.36890/iejg.1260464>.

## Adrian Deaconu

1. J. Tayyebi, AM Deaconu, H. Bigdeli, M. Niksirat, *Shortest path interdiction problem with convex piecewise-linear costs*, Computational and Applied Mathematics (2023) 42:309, pp.1-20, <https://doi.org/10.1007/s40314-023-02445-0>.

## Olivia Florea

- 1.E. Godwe, O. Florea, R. Jarrar, M. Justin, J. Asad, *Microscopic Hamiltonian and chaotic behavior for Barium Titanate nanoparticles revealed by photonic tunneling model*, Physics Letters A, Volume 478, August **2023**, 128921, <https://doi.org/10.1016/j.physleta.2023.128921>.
2. A.N. Emin, O. Florea, *Green-Lindsay thermoelasticity for double porous materials*, An. Şt. Univ. Ovidius Constanţa, Vol. 31(1), **2023**, 97–113, DOI: 10.2478/auom-2023-0005.

## Andreea Ileana Fulga

- 1.S. Suanta, P. Peeyada, A.Fulga, W. Cholamjiak, *Heart disease detection using inertial Mann relaxed CQ algorithms for split feasibility problems*, AIMS Mathematics **2023**, Vol. 8, Issue 8: 18898 - 18918. doi: 10.3934/math.2023962.
2. K. Fallahi, R.G. Soleimani, A. Fulga, *Best proximity points for  $(\varphi - \psi)$ -weak contractions and some applications*, Filomat 37:6 (**2023**), 1835–1842, <https://doi.org/10.2298/FIL2306835F>.
3. A.Büyükkaya, A. Fulga, M. Öztürk, *On generalized Suzuki-Proinov type  $(\alpha, Z^* E)$  –contractions in modular  $b$ -metric spaces*, Filomat 37:4 (**2023**), 1207–1222, <https://doi.org/10.2298/FIL2304207B>.
4. E. Karapinar, A. Fulga, *Discussions on Proinov-  $C_b$ -Contraction Mapping on  $b$ -Metric Space*, Hindawi Journal of Function Spaces Vol. **2023**, Article ID 1411808, 10 pages, <https://doi.org/10.1155/2023/1411808>.
5. E. Karapinar, A. Fulga, *A fixed point theorem for Proinov mappings with a contractive iterate*, Appl. Math. J. Chinese Univ. **2023**, 38(3): 403-412.
6. R.Anjum, A. Fulga, M.W. Akram, *Applications to Solving Variational Inequality Problems via MR-Kannan Type Interpolative Contractions*, Mathematics **2023**, 11, 4694, <https://doi.org/10.3390/math11224694>.

## Ştefan Garoiu

1. Ş. Garoiu, R. Păltănea, *The representation of the limit of power series of positive linear operators by using the semigroup generated by their iterates*, Dolomities research notes on approximation, Vol. 16, **2023**, pp. 39–47, DOI:10.14658/PUPJ-DRNA-2023-3-6.

## Alexandru Ionescu

- 1.A.M. Ionescu, A.C. Ionescu, *The role of air pollution in the spread of covid-19: evidence from Romania*, Environmental Engineering and Management Journal, February **2023**, vol. 22, No. 2, pp. 239-254, DOI:10.30638/eej.2023.019.

## Adelina Manea

- 1.A. Manea, *Metallic-like structures and metallic-like maps*, Turkish Journal of Mathematics, vol. 47, no. 5, **2023**, pp. 1539-1549, DOI:10.55730/1300-0098.3446

## Marin Marin

1. A. Chirilă, M. Marin, *Spatial behaviour in microstretch elasticity with mass and thermal diffusion*, Journal of Theoretical and Applied Mechanics, vol. 53 (2023), pp. 116-135.
2. A. Zeeshan, M. Marin, et al., *Computational Intelligence Approach for Optimising MHD Casson Ternary Hybrid Nanofluid over the Shrinking Sheet with the Effects of Radiation*, Applied Sciences 2023, vol. 13, 9510. <https://doi.org/10.3390/app13179510>.
3. S.F. Megahid, M. Marin, et al., *Study of Thermoelectric Responses of a Conductive Semi-Solid Surface to Variable Thermal Shock in the Context of the M.G.T. Thermoelasticity*, Axioms 2023, 12, 659. <https://doi.org/10.3390/axioms12070659>.
4. M.L. Scutaru, S. Vlase, M. Marin, *Analytical mechanics methods in finite element analysis of multibody elastic system*, Boundary Value Problems 2023, Article no: 97, <https://boundaryvalueproblems.springeropen.com/articles/10.1186/s13661-023-01784-5>.
5. M. Marin, M.M. Bhati, A. Oechsner, S. Vlase, *On Schwartz–Villat’s formula for analytic functions*, vol. 35 (2023), pp. 2017-2027.
6. M. Marin, S. Vlase, L. Sangeorzan, *On evolution of finite energy solutions for a Cosserat thermoelastic body*, Carpathian J. Math. Vol. 39 (2023), No. 3, pp. 705 – 716, DOI: <https://doi.org/10.37193/CJM.2023.03.10>.
7. A.A. Kilany, M. Marin, et al, *Derivative analysis of fractional order on reflection of p-waves with electromagnetic, temperature, and initial stress with three-phase-lag*, Case Studies in Thermal Engineering, vol. 49 (2023), Art. No. 103325.
8. H. Adam, M. Marin, et al., *Sobolev Estimates for the delta and the delta-Neumann Operator on Pseudoconvex Manifolds*, Mathematics, vol. 11 (2023), Art. No. 4138.
9. K. Singh, I. Kaur, M. Marin, *Computational Analysis on the Influence of Normal Force in a Homogeneous Isotropic Micro-stretch Thermoelastic Diffusive Solid*, Symmetry, vol. 15, Issue 12 (2023), Art. No. 2095.
10. H. Adam, M. Marin, et al, *Multiple Soliton Solutions for Coupled Modified Korteweg–de Vries (mkdV) with a Time-Dependent Variable Coefficient*, Symmetry, vol. 15 (2023), Art. No. 1972.
11. A.E. Abouelregal, M. Marin, H. Altenbach, *Thermally stressed thermoelectric microbeam supported by Winkler foundation via the modified M.G.T. thermoelasticity theory*, ZAMM, vol. 103 (2023), Art. No. e202300079.
12. S. Abdel-Khalek, M. Marin, et al., *Entanglement, quantum coherence and quantum Fisher information of two qubit-field systems in the framework of photon-excited coherent states*, Optical and Quantum Electronics, vol. 55 (2023), Art. No. 1288.
13. L. Codarcea, M. Marin, S. Vlase, *The study of vibrations in the context of porous micropolar media thermoelasticity and the absence of energy dissipation*, Journal of Computational Applied Mechanics, vol. 54 (2023), Issue 3, pp. 437-454.
14. M.L. Scutaru, S. Vlase, M. Marin, *Symmetrical Mechanical System Properties-Based Forced Vibration Analysis*, Journal of Computational Applied Mechanics, vol. 54 (2023), Issue 4, pp. 501-514.
15. S. Vlase, M. Marin, *Mathematical model for dynamic analysis of internal combustion engines*, Journal of Computational Applied Mechanics, vol. 54 (2023), Issue 4, pp. 607-622.
16. A.E. Abouelregal, M. Marin, S.S. Askar, *Analysis of the magneto-thermoelastic vibrations of rotating Euler–Bernoulli nanobeams using the nonlocal elasticity model*, Boundary Value Problems, 2023, Art. No. 12.
17. C. Itu, S. Vlase, M. Marin, *Flood risk control using a new type dam gate: vibration analysis*, Acta Technica Napocensis, Appl. Math. Mech. Eng, vol. 66 (2023), Issue II, pp. 183-190.
18. M.L. Scutaru, M. Marin, et al., *New aspects concerning vibration suppression in multi degree of freedom mechanical systems*, Acta Technica Napocensis, Appl. Math. Mech. Eng, vol. 66 (2023), Issue I, pp. 25-34.
19. A.E. Abouelregal, M. Marin, A. Öchsner, *The influence of a non-local M-G-T heat transfer model on an underlying thermoelastic material under the memory -dependent derivatives*, Continuum Mechanics and Thermodynamics, vol. 35 (2023), pp. 545-562.
20. M. Marin, S. Vlase, A. Öchsner, *An extension of Almansi’s problem for orthotropic elastic beams*, Continuum Mechanics and Thermodynamics, vol. 35 (2023), pp. 669-676.
21. M. Marin, A. Öchsner, S. Vlase, *Some results on eigenvalue problems in the theory of piezoelectric porous dipolar bodies*, Continuum Mechanics and Thermodynamics, vol. 35 (2023), pp. 1969-1979.
22. R. Selvamani, M.M.S. Jayan, M. Marin, *Thermal magneto mech stability analysis of single walled carbon nanotube conveying pulsating viscous fluid*, Coupled Systems Mechanics, vol. 12 (2023), Issue 1, pp. 21-40.

23. B. Kuloglu, E. Ozkan, M. Marin, *Fibonacci and Lucas Polynomials in  $n$ -gon*, An. St. Univ. Ovidius Constanta, vol. 31 (2023), Issue 2, pp. 127-140.
24. M. Marin, E. Carrera, S. Vlase, *An extension of the Hamilton variational Principle for piezoelectric bodies with dipolar Structure*, Mechanics of Advanced Materials and Structures, Vol. 30, 2023 - Issue 12, pp. 2453–2457.
25. N. Pop, M. Marin, S. Vlase, *Mathematics in Finite Element Modeling of Computational Friction Contact Mechanics 2021–2022*, Mathematics, vol. 11 (2023), Art. No. 255.
26. A.E. Abouelregal, M. Marin, S.M. Abusalim, *An Investigation into Thermal Vibrations Caused by a Moving Heat Supply on a Spinning Functionally Graded Isotropic Piezoelectric Bounded Rod*, Mathematics, vol. 11 (2023), Art. No. 1739.
27. A.E. Abouelregal, S.S. Askar, M. Marin, *An Axially Compressed Moving Nanobeam Based on the Nonlocal Couple Stress Theory and the Thermoelastic DPL Model*, Mathematics, vol. 11 (2023), Art. No. 2155.
28. S.S. Askar, A.E. Abouelregal, M. Marin, A. Foul, *Photo-Thermoelasticity Heat Transfer Modeling with Fractional Differential Actuators for Stimulated Nano-Semiconductor Media*, Symmetry, vol. 15 (2023), Art. 656.
29. K. Berrada, M. Marin, et al., *Effects of Dipole-Dipole Interaction and Time- Dependent Coupling on the Evolution of Entanglement and Quantum Coherence for Superconducting Qubits in a Nonlinear Field System*, Symmetry, vol. 15 (2023), Art. 732.
30. A.E. Abouelregal, M. Marin, S.S. Askar, *Generalized MGT Heat Transfer Model for an Electro-Thermal Microbeam Lying on a Viscous-Pasternak Foundation with a Laser Excitation Heat Source*, Symmetry, vol. 15 (2023), Art. 814.

## Alexandra Meleşteu

1. A. D. Meleşteu, *About the  $B$ -concavity of functions with many variables*, An. Şt. Univ. Ovidius Constanţa, Vol. 31(1), 2023, pp. 199–206, DOI: 10.2478/auom-2023-0010.
2. A.D. Meleşteu, M.N.Pascu, N.R. Pascu, *Convex Ordering of Polya Random Variables and Approximation Monotonicity of Bernstein–Stancu Operators*, Results in Mathematics, 78, Article no.: 32 (2023), DOI:10.1007/s00025-022-01802-5.

## Radu Miculescu

1. B. Anghelina, R. Miculescu, *On the localization of Hutchinson-Barnsley fractals*, Chaos, Solitons and Fractals, 173 (2023), 113674, DOI:10.1016/j.chaos.2023.113674.
2. I. Chişescu, L. Ioana, R. Miculescu, L. Niţă, R.C. Sfetcu, *Invariant (fractal) vector measures as fixed points of markov-type operators*, Bulletin of the Brazilian Mathematical Society, New Series, 54 (2023), 8, <https://doi.org/10.1007/s00574-022-00318-4>.
3. R. Miculescu, A. Mihail, C. M. Păcurar, *Interpolation type iterated function systems*, Journal of Mathematical Analysis and Applications, 519 (2023), 126747, <https://doi.org/10.1016/j.jmaa.2022.126747>.
4. I. Savu, R. Miculescu, A. Mihail, I. Savu, *The structure of fuzzy fractals generated by an orbital fuzzy iterated function system*, Demonstratio Mathematica, 56 (2023), 20220217, <https://www.degruyter.com/document/doi/10.1515/dema-2022-0217/html>.
5. I. Abraham, R. Miculescu, *Generalized Iterated Function Systems on  $b$ -Metric Spaces*. Mathematics 2023, 11, 2826. <https://doi.org/10.3390/math11132826>.

## Nicuşor Minculete

1. N. Altwaijry, K. Feki, N. Minculete, *A Generalized Norm on Reproducing Kernel Hilbert Spaces and Its Applications*, Axioms, 2023; 12(7):645, <https://doi.org/10.3390/axioms12070645>.

2. N. Minculete, D. Savin, *About the Entropy of a Natural Number and a Type of the Entropy of an Ideal*, *Entropy*, **2023**; 25(4):554, <https://doi.org/10.3390/e25040554>.
3. N. Altwaijry, K. Feki, N. Minculete, *A New Seminorm for d-Tuples of A-Bounded Operators and Their Applications*, *Mathematics*, **2023**; 11(3):685, <https://doi.org/10.3390/math11030685>.
4. N. Altwaijry, K. Feki, N. Minculete, *On Some Generalizations of Cauchy–Schwarz Inequalities and Their Applications*, *Symmetry*, **2023**; 15(2):304, <https://doi.org/10.3390/sym15020304>.
5. N. Minculete, *On several inequalities related to convex functions*, *J. Math. Ineq.*, Volume 17, Issue 2 (**2023**), 1075–1086, <http://dx.doi.org/10.7153/jmi-2023-17-70>.
6. N. Altwaijry, K. Feki, N. Minculete, *Numerical radius, Berezin number, and Berezin norm inequalities for sums of operators*, *Turk. J. Math.* 47, 5 (**2023**), Article 13, <https://doi.org/10.55730/1300-0098.3442>.
7. S. Furuichi, N. Minculete, H.R. Moradi, *Improvements of the weighted Hermite-Hadamard inequality and applications to mean inequality*, *J. Math. Ineq.* 17 (2) (**2023**), pp. 779–797, <http://files.ele-math.com/articles/jmi-17-52.pdf>.
8. C. Conde, N. Minculete, H.R. Moradi, M. Sababheh, *Norm Inequalities via Convex and Log-Convex Functions*, *Mediterr. J. Math.* 20, 6 (**2023**), <https://doi.org/10.1007/s00009-022-02214-z>.

## **Vlad Monescu**

1. I. Arbanas, V. Monescu, et al., *A 7-Year Survey (2015-2021) in One Pediatric Hospital (Brasov, Romania) on Rotavirus Gastroenteritis Specified as Community- or Hospital-Acquired Infection in Young Children*, *Trop. Med. Infect. Dis.* **2023**, 8, 509. <https://doi.org/10.3390/tropicalmed8120509>.

## **Mircea Neagu**

1. M. Neagu, A. Oană, *Dual jet geometrization for a Chernov-like*, *U.P.B. Sci. Bull., Series A*, Vol. 85, Iss. 4, **2023**, pp. 21-28.

## **Oană Alexandru**

1. M. Neagu, A. Oană, *Dual jet geometrization for a Chernov-like*, *U.P.B. Sci. Bull., Series A*, Vol. 85, Iss. 4, **2023**, pp. 21-28.

## **Mihai Pascu**

1. A.D. Meleşteu, M.N. Pascu, N.R. Pascu, *Convex Ordering of Polya Random Variables and Approximation Monotonicity of Bernstein–Stancu Operators*, *Results in Mathematics*, 78, Article no.: 32 (**2023**), DOI:10.1007/s00025-022-01802-5.

## **Cristina Păcurar**

1. R. Miculescu, A. Mihail, C. M. Păcurar, *Interpolation type iterated function systems*, Journal of Mathematical Analysis and Applications, 519 (2023), 126747, <https://doi.org/10.1016/j.jmaa.2022.126747>.

## **Eugen Păltănea**

1. D. Ş. Marinescu and E. Păltănea, *On the transfer of convergence between two sequences in Banach spaces*, Carpathian J. Math. Vol. 39 (2023), No. 2, pp. 403 – 410, DOI:10.37193/CJM.2023.02.05.

## **Radu Păltănea**

1. R. Păltănea and M. Smuc, *A new class of Bernstein-type operators obtained by iteration*, Stud. Univ. Babeş-Bolyai Math. 68 (2023), No. 2, 409–422, DOI:10.24193/subbmath.2023.2.15.

2. Garoiu, R, Păltănea, *The representation of the limit of power series of positive linear operators by using the semigroup generated by their iterates*, Dolomities research notes on approximation, Vol. 16, 2023, pp. 39–47, DOI:10.14658/PUPJ-DRNA-2023-3-6.

## **Ovidiu Popescu**

1. O. Popescu, *Fixed-point results for convex orbital operators*, Demonstratio Mathematica, vol. 56, no. 1, 2023, pp. 20220184. <https://doi.org/10.1515/dema-2022-0184>.

## **Dorina Răducanu**

1. D. Răducanu, *On coefficient estimates for a certain class of analytic functions*, Mathematics 2023, 11, 12. <https://doi.org/10.3390/math11010012>.

## **Livia Sângeorzan**

1. M. Marin, S.Vlase, L. Sangeorzan, *On evolution of finite energy solutions for a Cosserat thermoelastic body*, Carpathian J. Math. Volume 39 (2023), No. 3, pp. 705 – 716, DOI: <https://doi.org/10.37193/CJM.2023.03.10>.

## **Diana Savin**

1. N. Minculete, D. Savin, *About the Entropy of a Natural Number and a Type of the Entropy of an Ideal*, Entropy (2023), vol.25, Issue 4, 554, <https://doi.org/10.3390/e25040554>.

2. E. Tan, D. Savin, S.Yilmaz, *A New Class of Leonardo Hybrid Numbers and Some Remarks on Leonardo Quaternions over Finite Fields*, Mathematics (2023), 11, 4701, <https://doi.org/10.3390/math11224701>.

## Sabin Tăbîrcă

1. D. Mevlevioğlu, S. Tăbîrcă, D. Murphy, *Anxiety classification in virtual reality using biosensors: A mini scoping review*, Plos One 18(7): e0287984, July 10, 2023, pp.1-15, <https://doi.org/10.1371/journal.pone.0287984>.

2. Y.Mi, S.B. Marcu, S. Tăbîrcă, V. V. B. Yallapragada, *PROFASA—a web-based protein fragment and structure analysis workstation*, Front. Bioeng. Biotechnol. 11:1192094, DOI:10.3389/fbioe.2023.1192094.

## Bianca Vasian

1.B. I. Vasian, *On approximation properties of some non-positive Bernstein-Durrmeyer type operators*, An. Șt. Univ. Ovidius Constanța, Vol. 31(1), 2023, pp. 251–269, DOI:10.2478/auom-2023-0014.

2.B. I. Vasian, *On approximation properties of some non-positive Bernstein-Durrmeyer type operators modified in the Bezier-King sense*, Dolomities research notes on approximation, Vol. 16, 2023, pp. 104–117, DOI:10.14658/PUPJ-DRNA-2023-3-11.

## Anca Vasilescu

1. A. Vantu, A. Vasilescu, A. Băicoianu, *Medical emergency department triage data processing using a machine-learning solution*, Heliyon 9 (2023) e18402, DOI:10.1016/j.heliyon.2023.e18402

<https://doi.org/10.1016/j.heliyon.2023.e18402>.

2. C. L. Aldea, R. Bocu, A. Vasilescu, *Relevant Cybersecurity Aspects of IoT Microservices Architectures Deployed over Next-Generation Mobile Networks*, Sensors, vol.23, Issue 1 (2023), DOI:10.3390/s23010189,

<https://www.mdpi.com/1424-8220/23/1/189>.

## Nicoleta Voicu

1.N. Voicu, C. Pfeifer, S. Cheraghchi, *Birkhoff Theorem for Berwald Finsler spacetimes*, Physical Review D 108, 104060 (2023).

2.S. Cheraghchi, C. Pfeifer, N. Voicu, *Four-dimensional  $SO(3)$ -spherically symmetric Berwald-Finsler spaces*, International Journal of Geometric Methods in Modern Physics Vol. 20 No. 11, 2350190 (2023).

3.N. Voicu, A. Friedl-Szasz, E. Popovici-Popescu, C. Pfeifer, *The Finsler Spacetime Condition for  $(\alpha, \beta)$ -Metrics and Their Isometries*, Universe 2023, 9, 198 (2023).