



Lucrări indexate ISI Web of Science 2020

1. **Marin, M.**, Vlase, S. & Tuns, I. The mixed problem in the theory of strain gradient thermoelasticity approached with the Lagrange identity. *Bound Value Probl* **2020**, 174 (2020). <https://doi.org/10.1186/s13661-020-01472-8>
2. **Marin Marin** and Erasmo Carrera and Andreas Öchsner, Some estimates on solutions of mixed problems for mixtures, *Mechanics of Advanced Materials and Structures*, vol 27. (2020), 1776-1782, doi: 10.1080/15376494.2018.1541490.
3. Praveen Ailawalia and **M. Marin**, Response of a semiconducting medium under photothermal theory due to moving load velocity, *Waves in Random and Complex Media*, 1-10, 2020, doi: 10.1080/17455030.2020.1831709.
4. Zhang, L.; Bhatti, M.M.; **Marin, M.**; S. Mekheimer, K. Entropy Analysis on the Blood Flow through Anisotropically Tapered Arteries Filled with Magnetic Zinc-Oxide (ZnO) Nanoparticles. *Entropy* 2020, 22, 1070. <https://doi.org/10.3390/e22101070>
5. **Marin Marin** and Erasmo Carrera and Dumitru Baleanu, On the boundary value problem in the nonlinear theory of dipolar elastic materials, *Advanced Materials and Structures*, 27 (2020), 1619-1625, doi : 10.1080/15376494.2018.1534162.
6. Vlase S, Nicolescu AE, **Marin M.** New Analytical Model Used in Finite Element Analysis of Solids Mechanics. *Mathematics*. 2020; 8(9):1401. <https://doi.org/10.3390/math8091401>
7. **Marin, M.**, Öchsner, A. & Vlase, S. Behavior of energies in strain gradient thermoelasticity of bodies with microtemperatures. *Continuum Mech. Thermodyn.* (2020). <https://doi.org/10.1007/s00161-020-00914-z>
8. Vlase, S., **Marin, M.** & Öchsner, A. Gibbs–Appell method-based governing equations for one-dimensional finite elements used in flexible multibody systems. *Continuum Mech. Thermodyn.* (2020). <https://doi.org/10.1007/s00161-020-00907-y>
9. Codarcea-Munteanu L, **Marin M.** Influence of Geometric Equations in Mixed Problem of Porous Micromorphic Bodies with Microtemperature. *Mathematics*. 2020; 8(8):1386. <https://doi.org/10.3390/math8081386>
10. Abouelregal AE, **Marin M.** The Response of Nanobeams with Temperature-Dependent Properties Using State-Space Method via Modified Couple Stress Theory. *Symmetry*. 2020; 12(8):1276. <https://doi.org/10.3390/sym12081276>
11. **Marin, Marin**, Öchsner, Andreas, Bhatti, Muhammad Mubashir, Some results in Moore-Gibson-Thompson thermoelasticity of dipolar bodies, *JO - ZAMM - Journal of Applied Mathematics and Mechanics / Zeitschrift für Angewandte Mathematik und Mechanik*, 100(12), 0044-2267, <https://doi.org/10.1002/zamm.202000090>

12. **Marin, M.**, Rădulescu, V.D. On Some Non-existence Results in a Semilinear Theory of the Dipolar Thermoelastic Bodies. *Appl Math Optim* (2020). <https://doi.org/10.1007/s00245-020-09701-3>
13. Abo-Dahab SM, Abouelregal AE, **Marin M.** Generalized Thermoelastic Functionally Graded on a Thin Slim Strip Non-Gaussian Laser Beam. *Symmetry*. 2020; 12(7):1094. <https://doi.org/10.3390/sym12071094>
14. Abouelregal AE, **Marin M.** The Size-Dependent Thermoelastic Vibrations of Nanobeams Subjected to Harmonic Excitation and Rectified Sine Wave Heating. *Mathematics*. 2020; 8(7):1128. <https://doi.org/10.3390/math8071128>
15. Scutaru, M.L., Vlase, S., **Marin, M.** et al. New analytical method based on dynamic response of planar mechanical elastic systems. *Bound Value Probl* 2020, 104 (2020). <https://doi.org/10.1186/s13661-020-01401-9>
16. Vlase S, Negrean I, **Marin M**, Năstac S. Kane's Method-Based Simulation and Modeling Robots with Elastic Elements, Using Finite Element Method. *Mathematics*. 2020; 8(5):805. <https://doi.org/10.3390/math8050805>
17. Bhatti MM, **Marin M**, Zeeshan A, Ellahi R and Abdelsalam SI (2020) Swimming of Motile Gyrotactic Microorganisms and Nanoparticles in Blood Flow Through Anisotropically Tapered Arteries. *Front. Phys.* 8:95. doi: 10.3389/fphy.2020.00095
18. Hobiny A, Alzahrani F, Abbas I, **Marin M.** The Effect of Fractional Time Derivative of Bioheat Model in Skin Tissue Induced to Laser Irradiation. *Symmetry*. 2020; 12(4):602. <https://doi.org/10.3390/sym12040602>
19. **Marin M**, Craciun EM, Pop N. Some Results in Green–Lindsay Thermoelasticity of Bodies with Dipolar Structure. *Mathematics*. 2020; 8(4):497. <https://doi.org/10.3390/math8040497>
20. **Marin Marin**, Adina Chirilă, Lavinia Codarcea-Munteanu, On a thermoelastic material having a dipolar structure and microtemperatures, *Mathematical Modelling*, Volume 80, 2020, Pages 827-839, <https://doi.org/10.1016/j.apm.2019.11.022>.
21. Othman, M. I. A., Fekry, M., & **Marin, M.** (2020). Plane waves in generalized magneto-thermo-viscoelastic medium with voids under the effect of initial stress and laser pulse heating. *Structural Engineering and Mechanics*, 73(6), 621–629. <https://doi.org/10.12989/SEM.2020.73.6.621>
22. **Marin Marin** I., Abbas Ibrahim A., Vlase Sorin, Craciun Eduard-Marius, Some Backward in Time Results for Thermoelastic Dipolar Structures, *Frontiers in Physics*, 8 (2020), 41, doi: 10.3389/fphy.2020.00041.
23. **Marin, M.**, Öchsner, A. & Craciun, E.M. A generalization of the Gurtin's variational principle in thermoelasticity without energy dissipation of dipolar bodies. *Continuum Mech. Thermodyn.* 32, 1685–1694 (2020). <https://doi.org/10.1007/s00161-020-00873-5>
24. Vlase S, **Marin M**, Scutaru ML. Maggi's Equations Used in the Finite Element Analysis of the Multibody Systems with Elastic Elements. *Mathematics*. 2020; 8(3):399. <https://doi.org/10.3390/math8030399>
25. Vlase S, **Marin M**, Scutaru ML, Scărlătescu DD, Csatlos C. Study on the Mechanical Responses of Plastic Pipes Made of High Density Polyethylene (HDPE) in Water Supply Network. *Applied Sciences*. 2020; 10(5):1658. <https://doi.org/10.3390/app10051658>
26. Saeed T, Abbas I, **Marin M.** A GL Model on Thermo-Elastic Interaction in a Poroelastic Material Using Finite Element Method. *Symmetry*. 2020; 12(3):488. <https://doi.org/10.3390/sym12030488>

27. Vlase S, Negrean I, **Marin M**, Scutaru ML. Energy of Accelerations Used to Obtain the Motion Equations of a Three- Dimensional Finite Element. *Symmetry*. 2020; 12(2):321. <https://doi.org/10.3390/sym12020321>
28. **Marin M**, Abbas I, Vlase S, Craciun EM. A Study of Deformations in a Thermoelastic Dipolar Body with Voids. *Symmetry*. 2020; 12(2):267. <https://doi.org/10.3390/sym12020267>
29. **Marin, M.**, Bhatti, M.M. Head-on collision between capillary–gravity solitary waves. *Bound Value Probl* 2020, 12 (2020). <https://doi.org/10.1186/s13661-019-01321-3>
30. **MARINMARIN**, ANDREAS OCHSNERand SORINVLASE, CARPATHIAN J.MATH.36(2020), No. 3,463 – 474, Effect of voids in a heat-flux dependent theory forthermoelastic bodies with dipolar structure.
31. SorinVlase, Iuliu Negrean, **Marin Marin** & Maria LuminițaScutaru (2020) New analytical formalisms used in finite element analysis of robots with elastic elements, *Journal of Taibah University for Science*, 14:1, 1335-1341, DOI: 10.1080/16583655.2020.1822049
32. Ibrahim Abbas, AatefHobiny& **Marin Marin**(2020)Photo-thermal interactions in a semi-conductor material with cylindrical cavities and variable thermal conductivity,*Journal of Taibah University for Science*,14:1,1369-1376,DOI: [10.1080/16583655.2020.1824465](https://doi.org/10.1080/16583655.2020.1824465)
33. **M. Marin**, M. I. A. Othman, A. R. Seadawy& C. Carstea (2020) A domain of influence in the Moore–Gibson–Thompson theory of dipolar bodies, *Journal of Taibah University for Science*, 14:1, 653-660, DOI: 10.1080/16583655.2020.1763664
34. **Marin Marin**, RahmatEllahi, SorinVlase& M. M. Bhatti (2020) On the decay of exponential type for the solutions in a dipolar elastic body, *Journal of Taibah University for Science*, 14:1, 534-540, DOI: 10.1080/16583655.2020.1751963
35. **Marin, M.**, Öchsner, A. &Taus, D. On structural stability for an elastic body with voids having dipolar structure. *Continuum Mech. Thermodyn.* 32, 147–160 (2020). <https://doi.org/10.1007/s00161-019-00793-z>
36. **Marin, M.**, Öchsner, A. &Craciun, E.M. A generalization of the Saint-Venant’s principle for an elastic body with dipolar structure. *Continuum Mech. Thermodyn.* 32, 269–278 (2020). <https://doi.org/10.1007/s00161-019-00827-6>
37. **Marin Marin**, Praveen Ailawalia and IoanTuns, An extension of Gronwall inequality in the theory of bodies with voids, *De Gruyter*, 2020, DOI: <https://doi.org/10.1515/phys-2020-0225>.
38. **Aldea, N.**, Zermelo Deformation of Hermitian Metrics by Holomorphic Vector Fields. *Results Math* **75**, 140 (2020). <https://doi.org/10.1007/s00025-020-01270-9>
39. **Aldea, N.**, Kopacz, P., Time-optimal navigation in arbitrary winds, *Annual Reviews in Control*, Volume 49, 2020, Pages 164-172.
40. **Miculescu R.**, Mihail A., Urziceanu S., *Contractive affine generalized iterated function systems which are topologically contracting*, **Chaos, Solitons and Fractals**, 114 (2020), 110404.
41. **Miculescu R.**, Mihail A., Urziceanu S., *A new algorithm that generates the image of the attractor of a generalized iterated function system*, **Numerical Algorithms**, 83 (2020), 1399-1413.
42. Georgescu F., **Miculescu R.**, Mihail A., *Hardy-Rogers type iterated function systems*, **Qualitative Theory of Dynamical Systems**, 19, 37 (2020).
43. Furuichi, S., **Minculete, N.**, *Refined inequalities on the weighted logarithmic mean*, *J. Math. Ineq.* 14(4), 1347-1357 (2020), <https://dx.doi.org/10.7153/jmi-2020-14-87>

44. Mitroi-Symeonidis, F. C., Anghel, I., **Minculete, N.**, *Parametric Jensen-Shannon Statistical Complexity and Its Applications on Full-Scale Compartment Fire Data*, *Symmetry* **12**(1), 22 (2020), <https://doi.org/10.3390/sym12010022>
45. **Minculete, N.**, *Types of Statistical Indicators Characterized by 2-Pre-Hilbert Spaces*, *Symmetry* **12**(9), 1501 (2020), <https://doi.org/10.3390/sym12091501>
46. Rațiu, A., **Minculete, N.**, *About Aczél Inequality and Some Bounds for Several Statistical Indicators*, *Mathematics*, 2020, **8**(4), 574; <https://doi.org/10.3390/math8040574>
47. **Minculete, N.**, Savin, D., *Some Properties of Extended Euler's Function and Extended Dedekind's Function*, *Mathematics*, 2020, **8**(8), 1222; <https://doi.org/10.3390/math8081222>
48. **Minculete, N.**, Moradi, H. R., *Some Improvements of the Cauchy-Schwarz Inequality Using the Tapia Semi-Inner-Product*, *Mathematics*, 2020, **8**(12), 2112; <https://doi.org/10.3390/math8122112>
49. Sara Salem Alzaid, **Fulga A.**, B. Alqahtani, *Fixed point results via G-function over the complete partial b-metric space*, *Journal of Function Spaces* / 2020/Special Issue Approximation Methods: Theory and Applications
50. Sara Salem Alzaid, **Fulga A.**, Fehaid Salem Alshammari, *Discussion on Geraghty Type Hybrid Contractions*, *Journal of Function Spaces* / 2020/Special Issue Fixed Point Theory and Applications for Function Spaces; Volume 2020 | Article ID 6614291 | <https://www.hindawi.com/journals/jfs/2020/6614291/>
51. Erdal Karapinar; Hassen Aydi; **Fulga A.**, *On p-Hybrid Wardowski Contractions*, *JOURNAL OF MATHEMATICS* Volume: 2020, Article Number: 1632526 Published: AUG 24 2020, <https://www.hindawi.com/journals/jmath/2020/1632526/>
52. Erdal Karapinar; Hassen Aydi; **Fulga A.**, *Study on Pata E-contractions*, *ADVANCES IN DIFFERENCE EQUATIONS*, Volume: 2020 Issue: 1 Article Number: 539 Published: OCT 1 2020, <https://advancesindifferenceequations.springeropen.com/articles/10.1186/s13662-020-02992-4>
53. Erdal Karapinar, **Fulga A.**, *On hybrid contractions via simulation function in the context of quasi-metric spaces*, *Journal of Nonlinear and Convex Analysis*, Volume 21, Number 9, 2115-2124, 2020
54. Karapinar, E; **Fulga, A.**; Agarwal, RP, *A survey:F-contractions with related fixed point results*, *J. Fixed Point Theory Appl.* (2020) 22:69, <https://doi.org/10.1007/s11784-020-00803-7>
55. Karapinar, E; Abdon Atangana and **Fulga A.**, *Pata type contractions involving rational expressions with an application to integral equations*, *DISCRETE AND CONTINUOUS DYNAMICAL SYSTEMS SERIES S*, doi: [10.3934/dcdss.2020420](https://doi.org/10.3934/dcdss.2020420)
56. Carmen Alegre, **Fulga A.**, Erdal Karapinar, Pedro Tirado, *A Discussion on p-Geraghty Contraction on mw-Quasi-Metric Spaces*, *Mathematics* 2020, **8**, 1437; <https://doi.org/10.3390/math8091437>
57. Wasfi Shatanawi, Erdal Karapinar, Hassen Aydi and **Fulga A.**, *Wardowski type contractions with applications on Caputo type nonlinear fractional differentiale equations*, *U.P.B. Sci. Bull., Series A*, Vol. 82, Iss. 2, 2020
58. Antonio Roldan, Erdal Karapinar; **Fulga A.**; *Multiparametric contractions and related Hardy-Roger type fixed point theorems*, *Mathematics* 2020, **8**, 957; <https://doi.org/10.3390/math8060957>

59. **Fulga A.**, *On (psi, phi)-Rational Contractions*, *SYMMETRY-BASEL*, Volume: 12 Issue: 5 Article Number: 723 DOI: 10.3390/sym12050723 Published: MAY 2020
60. **Fulga A.**, Erdal Karapinar, Gabriela Petrusel, *On hybrid contractions in the context of quasi-metric spaces*, *Mathematics* 2020, <https://doi.org/10.3390/math8050675>
61. Erdal Karapinar, **Fulga A.**, *On Wong type contractions*, *Mathematics* 2020, 8, 649; <https://doi.org/10.3390/math8040649>
62. Umit Aksoy, Inci M. Erhan, **Fulga A.**, Erdal Karapinar, *On the fixed points of iterative contractive mappings defined via implicit relation* *Optimization*, <https://doi.org/10.1080/02331934.2020.1742122>
63. Erdal Karapinar, **Fulga A.**, Adrian Petrusel, *On Istratescu Type Contractions in b-Metric Spaces*, *Mathematics* 2020, 8, 388; <https://doi.org/10.3390/math8030388>
64. Erdal Karapinar, **Fulga A.**, and Vladimir Rakocevic, *A Result on a Pata- Ciric Type Contraction at a Point*, *Mathematics* 2020, 8, 393; <https://doi.org/10.3390/math8030393>
65. **Deaconu A, Ciupala L.** Inverse Minimum Cut Problem with Lower and Upper Bounds. *Mathematics*. 2020; 8(9):1494. <https://doi.org/10.3390/math8091494>
66. Schiopu, C., **Ciurea, E.**, Maximum Flows in Planar Dynamic Networks. The Static Approach, ROMANIAN JOURNAL OF INFORMATION SCIENCE AND TECHNOLOGY Volume 23, Number T, 2020, T18-T27.
67. Adrian M. Deaconu, Daniel T. Cotfas, Petru A. Cotfas, "Calculation of Seven Photovoltaic Cells Parameters Using Parallelized Successive Discretization Algorithm", *International Journal of Photoenergy*, vol. 2020, Article ID 6669579, 13 pages, 2020. <https://doi.org/10.1155/2020/6669579>.
68. **A. M. Deaconu** and J. Tayyebi, "Inverse Maximum Capacity Path Problems Under Sum-Type and Max-Type Distances and Their Practical Application to Transportation Networks," in *IEEE Access*, vol. 8, pp. 225957-225966, 2020, doi: 10.1109/ACCESS.2020.3045288.
69. **Ionescu, A., Munteanu, Gh.**, The warped product of holomorphic Lie algebroids, *An. St. Univ. Ovidius Constanta* Vol. 28(1),2020, 117–134.
70. Asad, J., **Florea, O.**, Numerical aspects of two coupled harmonic oscillators, *An. St. Univ. Ovidius Constanta* Vol. 28(1),2020, 5–15.
71. Emin, A.N., **Florea, O.A.** & Crăciun, E.M. Some uniqueness results for thermoelastic materials with double porosity structure. *Continuum Mech. Thermodyn.* (2020). <https://doi.org/10.1007/s00161-020-00952-7>.
72. Hussein SHANAK, Olivia FLOREA, Noorhan ALSHAIKH, Jihad ASAD, Mathematical and numerical approach for telegrapher equation, *ACTA TECHNICA NAPOCENSIS*, Series: Applied Mathematics, Mechanics, and Engineering Vol. 63, Issue II, June, 2020
73. Ionescu, A.M., Ionescu, A., The Doubly Warped Product of Holomorphic Lie Algebroids, *Journal of Lie Theory* 30, No. 3, 2020, 767-778.
74. Hohmann, M., Pfeifer, C. & Voicu, N. The kinetic gas universe. *Eur. Phys. J. C* 80, 809 (2020). <https://doi.org/10.1140/epjc/s10052-020-8391-y>
75. Hohmann M, Pfeifer C, Voicu N. Cosmological FinslerSpacetimes. *Universe*. 2020; 6(5):65. <https://doi.org/10.3390/universe6050065>
76. Fuster A, Heefer S, Pfeifer C, Voicu N. On the Non Metrizability of BerwaldFinslerSpacetimes. *Universe*. 2020; 6(5):64. <https://doi.org/10.3390/universe6050064>

77. Hohmann, Manuel and Pfeifer, Christian and Voicu, Nicoleta, Relativistic kinetic gases as direct sources of gravity, *Phys. Rev. D*, 101, 2, 024062, 2020, doi: 10.1103/PhysRevD.101.024062.
78. Popescu O, Stan G. Some Remarks on Reich and Chatterjea Type Nonexpansive Mappings. *Mathematics*. 2020; 8(8):1270. <https://doi.org/10.3390/math8081270>
79. Popescu O, Stan G. Some Fixed Point Theorems for (a–p)-Quasicontractions. *Symmetry*. 2020; 12(12):1973. <https://doi.org/10.3390/sym12121973>
80. Ardelean, A., & Sasu, L. (2020). Pose Manipulation with Identity Preservation. *INTERNATIONAL JOURNAL OF COMPUTERS COMMUNICATIONS & CONTROL*, 15(2). doi:10.15837/ijccc.2020.2.3862
81. Răducanu D. Coefficient Estimates for a Subclass of Starlike Functions. *Mathematics*. 2020; 8(10):1646. <https://doi.org/10.3390/math8101646>
82. Pop MA, Croitoru C, Bedo T, Geamăn V, Radomir I, Zaharia SM, Chicoş LA. Influence of Internal Innovative Architecture on the Mechanical Properties of 3D Polymer Printed Parts. *Polymers*. 2020; 12(5):1129. <https://doi.org/10.3390/polym12051129>
83. Virgil Geaman, Mihai Alin Pop, Irinel Radomir, Augustin Semenescu, Bogdan Florea, Oana Roxana Chivu, The Influence of Thermal Behaviour to Composites Based on Cotton Tissue and Unsaturated Polyester Resin, *Mater. Plast.*, 57 (1), 2020, 197-201, <https://doi.org/10.37358/MP.20.1.5327>
84. Pacurar, C.M., Necula, B.-R., An analysis of COVID-19 spread based on fractal interpolation and fractal dimension, *Chaos, Solitons & Fractals*, Volume 139, October 2020, 110073, URL: <https://doi.org/10.1016/j.chaos.2020.110073>, FI: 3.764; SRI: 1.340.
85. Camelia Liliana Moldovan & Radu Păltănea (2020) The Exact Form of the Second Moment of Third Degree Schoenberg Spline Operators, *Numerical Functional Analysis and Optimization*, 41:11, 1308-1325, DOI: 10.1080/01630563.2020.1764031
86. Camelia Liliana Moldovan, Radu Păltănea, Ion Visa, Improvement of clear sky models for direct solar irradiance considering turbidity factor variable during the day, *Renewable Energy*, Volume 161, 2020, Pages 559-569, <https://doi.org/10.1016/j.renene.2020.07.086>.
87. Moldovan CL, Păltănea R. A Definition of Two-Dimensional Schoenberg Type Operators. *Symmetry*. 2020; 12(8):1364. <https://doi.org/10.3390/sym12081364>
88. Soica A, Budala A, Monescu V, Sommer S, Owczarzak W. Method of estimating the rolling resistance coefficient of vehicle tyre using the roller dynamometer. *Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering*. 2020; 234(13):3194-3204. doi:10.1177/0954407020919546
89. Adrian S., Adrian B., Vlad M. (2019) Determination of Some Vehicle Dynamic Performances Using the Dynamometric Roller Chassis. In: Burnete N., Varga B. (eds) *Proceedings of the 4th International Congress of Automotive and Transport Engineering (AMMA 2018)*. AMMA2018 2018. *Proceedings in Automotive Engineering*. Springer, Cham. https://doi.org/10.1007/978-3-319-94409-8_83

Lucrări științifice publicate în volumele conferințelor internaționale indexate ISI 2020

1. **Bocu R.** (2020) A Secure Distributed e-Health System for the Management of Personal Health Metrics Data. In: Barolli L., Amato F., Moscato F., Enokido T., Takizawa M. (eds) Advanced Information Networking and Applications. AINA 2020. Advances in Intelligent Systems and Computing, vol 1151. Springer, Cham. https://doi.org/10.1007/978-3-030-44041-1_4
2. **Bocu R.** (2020) A Constructive Review Regarding the Significance of 5G Networks for the Internet of Things, Web, Artificial Intelligence and Network Applications: Proceedings of the WAINA 2020. Advances Springer, 2020
3. Schiopu, C., Ciurea, E., The Minimum Flows in Bipartite Dynamic Networks. The Static Approach., 2020 International Conference on Mathematics and Computers in Science and Engineering (MACISE)
4. Hanganu, B., Radu, L. A., Baicoianu, A., Machine Learning For Condition Monitoring: Latest Trend And Review, Proceedings of 35th IBIMA Conference: 1-2 April 2020, Seville, Spain.
5. Lixandru, B, Baicoianu, A, A Different Approach to Inflection Points Detection in L-Shape Curves, 36th IBIMA Conference: 4-5 November 2020, Granada, Spain
6. Kerestely, A., Costigan, C., Tabarca, S., Vertically Shifted Exponential Best-Fit , 36th IBIMA Conference: 4-5 November 2020, Granada, Spain
7. Kerestely, A., Feature Inspection And Elimination In The Context Of Breast Cancer Prediction, 36th IBIMA Conference: 4-5 November 2020, Granada, Spain
8. Deaconu, O., Deaconu, A., Numerical methods to find the slope at a point on map using level curves. Application in road designing, 2020 IOP Conf. Ser.: Mater. Sci. Eng. 789 012017
9. Enache-David, N., Informatica ETL versus SQL, **The 34th IBIMA conference will be held in Madrid, Spain 13-14 November, 2019.**
10. Dana Perniu, Ileana Manciualea, Codruta Jaliu, Liviu Perniu, Anca Vasilescu, and Camelia Draghici, Lessons Learned From Sudden Transition to On-line Learning, ICBL2020 – 9th International Conference on Interactive Collaborative and Blended Learning 14-16 October 2020, Online Event, McMaster University, Hamilton, Canada.
11. Tarnoveanu Mirela, Valente formative ale optionalului "Matematica Distractiva", Conferință științifică aniversară: "20 de ani de pregătire a personalului didactic la Universitatea din Oradea", Editura Universitatii din Oradea, 2020
12. Livia SANGEORZAN, Nicoleta ENACHE-DAVID, Claudiu Mihai NEDELICU and Claudia-Georgeta CARSTEA, Informatica ETL versus SQL, 34th IBIMA Conference: 13-14 November 2019, Madrid, Spain.
13. Pacurar, C.M., Kazimir Malevich and symmetries, 19th Conference on Applied Mathematics, APLIMAT 2020 Proceedings

14. PĂCURAR Cristina Maria, PĂCURAR Victor Dan and ALBU Ruxandra Gabriela, A Comparative Study of Tourism Attractivity by Using Internet and Classical Tools for Two Cities in Southern Transylvania, 36th IBIMA Conference: 4-5 November 2020, Granada, Spain.
15. Corina-Stefania NANAU, Queuing Theory Application on DTN Buffer Management, 2020 8th International Conference on Computers Communications and Control (ICCCC).
16. Corina-Stefania NANAU, MaxDelivery: a new approach to a DTN Buffer Management, 21ST IEEE INTERNATIONAL SYMPOSIUM ON A WORLD OF WIRELESS, MOBILE AND MULTIMEDIA NETWORKS(IEEE WOWMOM 2020).

BDI 2020:

1. Adina Chirilă and Marin Marin, Spatial behaviour of thermoelasticity with microtemperatures and microconcentrations, ITM Web Conf., 34 (2020) 02001, DOI: <https://doi.org/10.1051/itmconf/20203402001>
2. Marin Marin, An approach with Lagrange identity of the mixed problem in theory of strain gradient thermoelasticity, ITM Web Conf., 34 (2020) 01004, DOI: <https://doi.org/10.1051/itmconf/20203401004>.
3. Bhatti M.M., Marin M, Zeeshan A. and Abdelsalam S.I. (2020) Editorial: Recent Trends in Computational Fluid Dynamics. Front. Phys. 8:593111.doi: 10.3389/fphy.2020.593111
4. Ciupală, L., Deaconu., A., Spridon, D., Incremental minimum spanning tree algorithms , Bulletin of the Transilvania University of Braşov , Vol 13(62), No. 1 - 2020 Series III: Mathematics, Informatics, Physics, 343-346 <https://doi.org/10.31926/but.mif.2020.13.62.1.25>
5. Ciupală, L., Deaconu., A., Spridon, D., Algorithm for merging and interpolating clusters in overlapping images, Bulletin of the Transilvania University of Braşov ,Vol 13 (62), No. 2 - 2020 Series III: Mathematics, Informatics, Physics, 697-704 <https://doi.org/10.31926/but.mif.2020.13.62.2.25>
6. Schiopu, C., Ciurea, E., Optimum Flows in Directed Bipartite Dynamic Network. The Static Approach, INTERNATIONAL JOURNAL OF CIRCUITS, SYSTEMS AND SIGNAL PROCESSING, Volume 14, 2020, DOI: 10.46300/9106.2020.14.43
7. Manea, A., Ida, C., Gauge theory on contact metric manifolds, Balkan Journal of Geometry and Its Applications, Vol.24, No.1, 2019, pp. 26-44.
8. Manea, A., Some remarks on metallic Riemannian structures, An. Stiint. Univ. Al. I. Cuza Iasi. Mat. (N.S.), Tomul LXV, 2019, f. 1.
9. Manea, A., About the training methods for olympic students in mathematics, Review of the Air Force Academy No.2 (42)/2020.

10. Jihad ASAD , Olivia FLOREA, Hadi KHALILIA, numerical study of the motion of a heavy ball sliding on a rotating wire, Bulletin of the Transilvania University of Brasov , Vol 13(62), No. 1 – 2020, Series III: Mathematics, Informatics, Physics, 33-40 <https://doi.org/10.31926/but.mif.2020.13.62.1.3>
11. Anca Vasilescu, Sabin Pruna, FitPi: Wearable IoT solution for a daily smart life, International Journal of Advanced Statistics and IT&C for Economics and Life Sciences, Vol 10, No 1 (2020).
12. Virgil PESCAR and Adela SASU, On univalence of an integral operator, Bulletin of the Transilvania University of Brasov , Vol 13(62), No. 2 – 2020, Series III: Mathematics, Informatics, Physics, 661-666, <https://doi.org/10.31926/but.mif.2020.13.62.2.21>
13. Aktaş, İ, Orhan, H ,Raducanu, D . (2020). On some properties of generalized Struve function . Communications Faculty of Sciences University of Ankara Series A1 Mathematics and Statistics , 69 (1) , 347-353 . DOI: 10.31801/cfsuasmas.595570
14. Monica A.P. PURCARU, Aspects Regarding The Level of Performance in Mathematics, Review of the Air Force Academy No.2 (42)/2020, DOI: 10.19062/1842-9238.2020.18.2.6.
15. Alexandrina Maria PROCA, New Fixed Point Results About F-Contractions In A Complete Metric Space, Bulletin of the Transilvania University of Brasov, Vol 13(62), No. 2 - 2020 Series III: Mathematics, Informatics, Physics, 667-676 <https://doi.org/10.31926/but.mif.2020.13.62.2.22>
16. Dragomir, D.G. and Pacurar,C.M.,Refinements of Cauchy-Bunyakovsky-Schwartz inequality and Bergström inequalitywith applications, Bulletin of the Transilvania University of Brasov, VOL. 13(62) No. 1-2020, Series III: Mathematics, Informatics, Physics, URL: <https://doi.org/10.31926/but.mif.2020.13.62.1.10>.
17. Radu Păltănea, On the Geometric Series of Linear Positive Operators, Constructive Mathematical Analysis, 2 (2019), No. 2, pp. 49-56, <http://dergipark.gov.tr/cma>
18. K. R. Karthikeyan, G. Murugusundaramoorthy, A. Nistor-Serban and D. Raducanu, Coefficient Estimates For Certain Subclasses Of Starlike Functions Of Complex Order Associated With A Hyperbolic Domain, Bulletin of the Transilvania University of Brasov , Vol 13(62), No. 2 – 2020, Series III: Mathematics, Informatics, Physics, 595-610, <https://doi.org/10.31926/but.mif.2020.13.62.2.17>
19. Mircea Neagu, Riemann-Lagrange geometry for starfish/coral dynamical system, Applied Sciences, Vol. 22, 2020, pp. 181-188. Balkan Society of Geometers, Geometry Balkan Press.
20. Corina-Stefania NANAU, Maximum Flow In Buffer-Limited Delay Tolerant Networks. The Static Approach, Bulletin of the Transilvania University of Brasov, Vol 13(62), No. 1 – 2020, Series III: Mathematics, Informatics, Physics, 363-372, <https://doi.org/10.31926/but.mif.2020.13.62.1.27>

