ARTICOLE PUBLICATE IN REVISTE RECUNOSCUTE LA NIVEL INTERNATIONAL, COTATE CLARIVATE ANALYTICS (ISI WEB OF SCIENCE) SAU ARTS & HUMANITIES ÎN ANUL 2021

ALDEA CODRUTA NICOLETA

1. Generalized loxodromes with application to time-optimal navigation in arbitrary wind, JOURNAL OF THE FRANKLIN INSTITUTE-ENGINEERING AND APPLIED MATHEMATICS, wos:000620238600008

2. Time-Extremal Navigation in Arbitrary Winds on Conformally Flat Riemannian Manifolds, JOURNAL OF OPTIMIZATION THEORY AND APPLICATIONS, wos:000616144800003

3. On Generalised Single-Heading Navigation, JOURNAL OF NAVIGATION, wos:000607832100005

BAICOIANU ALEXANDRA

1. A Concretization of an Approximation Method for Non-Affine Fractal Interpolation Functions, Mathematics, wos:000638712100001

BOCU RAZVAN

1. Objects Detection Using Sensors Data Fusion in Autonomous Driving Scenarios, Electronics

CHIRILĂ ADINA

1. Wave propagation in diffusive microstretch thermoelasticity, MATHEMATICS AND COMPUTERS IN SIMULATION, wos:000683684700010

2. The Influence of Voids in the Vibrations of Bodies with Dipolar Structure, Symmetry-Basel, wos:000712226800001

3. Well-posedness for thermo-electro-viscoelasticity of Green–Naghdi type, CONTINUUM MECHANICS AND THERMODYNAMICS, wos:000669278100001

CIUPALA LAURA ANCA

1. Incremental Minimum Flow Algorithms, Mathematics, wos:000650602000001

DEACONU ADRIAN MARIUS

1. Hybrid successive discretisation algorithm used to calculate parameters of the photovoltaic cells and panels for existing datasets, IET Renewable Power Generation, wos:000672529700001

2. Novel Static Multi-Layer Forest Approach and Its Applications, Mathematics, wos:000718857600001

3. Flow Increment through Network Expansion, Mathematics, wos:000700957300001

4. Algorithms for Delivery of Data by Drones in an Isolated Area Divided into Squares, SENSORS, wos:000690125700001

5. Adaptation of Random Binomial Graphs for Testing Network Flow Problems Algorithms, Mathematics, wos:000682087200001

6. Heuristic and Numerical Geometrical Methods for Estimating the Elevation and Slope at Points Using Level Curves. Application for Embankments, Applied Sciences-Basel, wos:000670695800001

7. Data Delivery in a Disaster or Quarantined Area Divided into Triangles Using DTN-Based Algorithms for Unmanned Aerial Vehicles, SENSORS, wos:000660665200001

8. Incremental Minimum Flow Algorithms, Mathematics, wos:000650602000001

9. Expanding maximum capacity path under weighted sum-type distances, AIMS Mathematics wos:000672529700001

FLOREA OLIVIA ANA

1. Moore-Gibson-Thompson thermoelasticity in the context of double porous materials, CONTINUUM MECHANICS AND THERMODYNAMICS, wos:000655799700001

2. Indirect Evaluation of the Porosity of Waste Wood Briquettes by Assessing Their Surface Quality, Waste and Biomass Valorization, wos:000672248000002

FULGA ANDREEA ILEANA

1. FIXED POINT ON CONVEX b-METRIC SPACE VIA ADMISSIBLE MAPPINGS, TWMS Journal of Pure and Applied Mathematics, wos:000716828000007

2. The Gornicki -Proinov type contraction on quasi-metric spaces, AIMS Mathematics, wos:000669536400009

3. A Note on the Gornicki-Proinov Type Contraction, Journal of Function Spaces, wos:000617605200001

4. Proinov type contractions on dislocated b-metric spaces, Advances in Difference Equations wos:000627872300002

5. Nonunique Coincidence Point Results via Admissible Mappings, Journal of Function Spaces, wos:000640363700001

6. Fixed Points of Proinov E-Contractions, Symmetry-Basel wos:000666291000001

7. Common fixed point theorems on quasi-cone metric space over a divisible Banach algebra, Advances in Difference Equations, wos::000665730200001

8. Proinov-Type Fixed-Point Results in Non-Archimedean Fuzzy Metric Spaces, Mathematics, wos:000676431600001

9. Common fixed point theorem on Proinov type mappings via simulation function, Advances in Difference Equations, wos:000672668900004

10. Fixed point theory in the setting of (alpha,beta,psi,phi)-interpolative contractions, Advances in Difference Equations, wos:000675634100005

11. On Some Interpolative Contractions of Suzuki Type Mappings, Journal of Function Spaces, wos:000683141200003

12. A solution to nonlinear Fredholm integral equations in the context of w-distances, Advances in Difference Equations, wos:000690925900001

13. Advances on the fixed point results via simulation function involving rational terms, Advances in Difference Equations, wos:000693892300003

14. On interpolative contractions that involve rational forms, Advances in Difference Equations, wos:000706738900001

15. Numerical solvability of generalized Bagley-Torvik fractional models under Caputo-Fabrizio derivative, Advances in Difference Equations, wos:000709807300001

16. A new formulation of finite difference and finite volume methods for solving a space fractional convection-diffusion model with fewer error estimates, Advances in Difference Equations, wos:000723649000001

17. A New Approach to Proinov-Type Fixed-Point Results in Non-Archimedean Fuzzy Metric Spaces, Mathematics, wos:000735081800001

ISAIA FLORIN

1. On the autonomous Nemytskii operator between Sobolev spaces in the critical and supercritical cases: Well-definedness and higher-order chain rule, NONLINEAR ANALYSIS-THEORY METHODS & APPLICATIONS, wos:000706958500010

MAJERCSIK LUCIANA

1. Flow Increment through Network Expansion, Mathematics, wos:000700957300001

MARIN MARIN

1. New Command Mechanism of Flaps and Wings of a Light Sport Aircraft, Symmetry-Basel, wos:000623142000001

2. Thermo-Optical Mechanical Waves in a Rotating Solid Semiconductor Sphere Using the Improved Green-Naghdi III Model, Mathematics, wos:000727979200001

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6. Effect of Voids and Internal State Variables in Elasticity of Porous Bodies with Dipolar Structure, Mathematics, wos:000719349700001

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8. The Influence of Voids in the Vibrations of Bodies with Dipolar Structure, Symmetry-Basel, wos:000712226800001

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10. The Effects of Fractional Time Derivatives in Porothermoelastic Materials Using Finite Element Method, Mathematics, wos:000676195200001

11. Finite Element Analysis of Nonlinear Bioheat Model in Skin Tissue Due to External Thermal Sources, Mathematics, wos:000671256900001

12. Study of Metallic Housing of the Adder Gearbox to Reduce the Noise and to Improve the Design Solution, Metals, wos:000666098600001

13. Study of structures made of composite materials used in automotive industry, PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART L-JOURNAL OF MATERIALS-DESIGN AND APPLICATIONS, wos:000657884800001

14. Existence and uniqueness of a finite energy solution for the mixed value problem of porous thermoelastic bodies, Boundary Value Problems, wos:000686639100001

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24. On the evolution of solutions of mixed problems in thermoelasticity of porous bodies with dipolar structure, CONTINUUM MECHANICS AND THERMODYNAMICS, wos:000718215900001

25. A reciprocal relation with application in the study of the dislocations, MECHANICS OF ADVANCED MATERIALS AND STRUCTURE, wos:000698718400001

26. Study of structures made of composite materials used in automotive industry, PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART L-JOURNAL OF MATERIALS-DESIGN AND APPLICATIONS, wos:000657884800001

MICULESCU RADU

1. Another characterization of hyperbolic diameter diminishing to zero IFSs, Carpathian Journal of Mathematics, wos:000662029600008

2. Diameter diminishing to zero IFSs, MONATSHEFTE FUR MATHEMATIK wos:WOS:000701004200001

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MINCULETE NICUSOR

1. Bounds for the p-Angular Distance and Characterizations of Inner Product Spaces, Mediterranean Journal of Mathematics, wos:000656509700001
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2. Inequalities from Lorentz-Finsler norms, MATHEMATICAL INEQUALITIES & APPLICATIONS, wos:000648797300006

3. Refined Young Inequality and Its Application to Divergences, Entropy, wos:000653874600001

4. About the Cauchy–Bunyakovsky–Schwarz Inequality for Hilbert Space Operators, Symmetry-Basel wos:000623218400001

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9. Bounds for the Differences between Arithmetic and Geometric Means and Their Applications to Inequalities, Symmetry-Basel, wos:000738924400001

MONESCU VLAD

1. The impact of depression and anxiety on the major areas of functioning in patients with systemic lupus erythematosus, ALLERGY, wos:WOS:000718612200696

2. Restless legs syndrome in systemic lupus erythematosus: A case-control study, Experimental and Therapeutic Medicine, wos:WOS:000657345000001

NANAU CORINA STEFANIA

1. Algorithms for Delivery of Data by Drones in an Isolated Area Divided into Squares, SENSORS, wos:000690125700001

2. Data Delivery in a Disaster or Quarantined Area Divided into Triangles Using DTN-Based Algorithms for Unmanned Aerial Vehicles, SENSORS, wos:000660665200001

PACURAR CRISTINA MARIA

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PALTANEA EUGEN

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4. Preserving the Shape of Functions by Applying Multidimensional Schoenberg-Type Operators , Symmetry-Basel, wos:000666464800001

POPESCU OVIDIU

1. A new class of contractive mappings, ACTA MATHEMATICA HUNGARICA, wos:000660837100010

2. Some remarks on the paper "Fixed point theorems for generalized contractive mappings in metric spaces", Journal of Fixed Point Theory and Applications, wos:000712971300001

RADUCANU DORINA

1. The Fekete-Szego functional for generalized starlike and convex functions of complex order, Asian-European Journal of Mathematics

SAVIN DIANA

1. ON QUATERNION ALGEBRAS OVER THE COMPOSITE OF QUADRATIC NUMBER FIELDS, Glasnik Matematicki, wos:000659200400005

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SPRIDON DELIA

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TABIRCA MARIUS SABIN

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VOICU NICOLETA

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