Reviste ISI - 2015

1. Aldea N., Câmpean G., On some classes of R-complex Hermitean Finsler spaces, J. Koreean Math. Soc., vol. 274, 2015, issue 3, 587-601.

2. Aldea N., Munteanu Gh. , A generalized Schrodinger equation via a complex Lagrangean of electrodynamics, J. Nonlinear Analysis, vol. 22, 2015, issue 3, 361-372.

3. Aldea N., Munteanu Gh., Geometry of product complex Cartan manifolds, Analele Șt. Univ. Ovidius Constanța – Seria Matematică, vol. 23, 2015, issue 1, 25-36.

4. Florea I., Nanău C-S., A simulation algorithm for a single server retrial queuing with bath arrivals, Analele Șt. Univ. Ovidius Constanța – Seria Matematică, vol. 23, 2015, issue 1, 83-98.

5. Ishkhanyan, A. M., Florea O. Ovsiyuk E. M. ,Redkov V.M., Dirac-Kahler particle in Riemann spherical space: boson interpretation, Canadian J. of Physics, vol. 93, 2015, issue 11, 1427-1433

6. Florea O., A novel approach of the conformal mappings with applications in biotribology, Analele Șt. Univ. Ovidius Constanța – Seria Matematică, vol. 23, 2015, issue 1, 99-114

7. Crasmareanu M., Ida C., Almost analytic forms with respect to a quadratic endomorphism and their cohomology, Turkish J. Math. vol. 39 2015, issue 3, 322-334.

8. Crasmareanu M., Ida C., Almost analicity on almost (para) complex Lie algebroids, Results Math. vol. 67, 2015, issue 3-4, 495-519.

9. Blaga Adara M., Ida C., Generalized almost paracompact structures, Analele Șt. Univ. Ovidius Constanța – Seria Matematică, vol. 23, 2015, issue 1, 53-64.

10. Ida C., Popescu P., Coeffective Basic Cohomologies of K-Contact and Sasakian Manifolds, Michigan Math. J., vol. 64, 2015, 797-817.

11. Isaia F,. Superposition operators between Sobolev spaces and non-existence result of higher-order regular solutions for the p-Laplacian, Nonlinear Analysis- Theory Methods and Appl,. vol. 117, 2015, 87-98.

12. Isaia F., On the superposition operator between Sobolev spaces: well-definedness, continuity, boundedness, and higher-order chain rule, Houston Journal of Mathematics, vol.41, 2015, issue 4, 1277-1294.

13. Mahmoud S.R., Abd-Alla A.M., Tounsi A., Marin M. ,The problem of wave propagation in magneto-rotating orthotropic non-homogeneous medium, J. Vibration and Control vol. 21, 2015, issue 16, 3281-3291.

14. Marin M., Abd-Alla A.M., Abo-Dahab S.M., A control energy component behaviour in

thermoelasticity of micromorphic materials, J. Computational and Theoretical Nanoscience, vol. 12 2015, issue 9, 2287-2298.

15. Marin M., Othman M.I.A., Abbas I. A., An extension of the domain of influence theorem for generalized thermoelesticity of antisotropic material with voids, J. Computational and Theoretical Nanoscience, vol. 12, 2015, issue 8, 1594-1598.

16. Marin M., Othman M.I.A., Abbas I. A., Behavior of Cesaro Means of energy components for non-simple thermoeleastic bodies, J. Computational and Theoretical Nanoscience, vol. 12, 2015, issue 8, 1888-1897.

17. Marin M., Mahmoud S.R., On Cesaro means of energy in micropolar thermoelastic diffusion theory, J. Mechanics of Materials and Structures, vol. 10, 2015, issue 1, 497-518.

18. Marin M., Agarwal R.P., On the possibility of locating in time of solutions for thermoelastic porous dipolar bodies, Acta Mechanica, vol. 226, 2015, issue 6, 2053-2063.

19. Scutaru M.L., Theodorescu-Drâghicescu H., Vlase S., Marin M., Advanced HDPE with increased stiffness used for water supply networks, J Optielectronics and Advanced Materials, vol. 17, 2015, issue 3-4, 484-488.

20. Marin M., Vlase S., Păun M., Considerations on double porosity structure for micropolar bodies, AIP Advance, vol 5, 2015, issue 3 Article 037113

21. Marin M., Abd All A.M., Răducanu D., Abo-Dahab S.M., Structural continous dependence in micropolar porous bodies, CMC- Computers Materials & Continua, vol 45, 2015, issue 2, 107-125.

22. Abbas I.A., Marin M., Abouelmagd. E.L., Kumar R., A Green and Naghdi model in a two-dimensional thermoelastic diffusion problem for a half space, J. Computational and Theoretical Nanoscience, vol. 12, 2015, issue 2, 280-286.

23. Abbas I.A., Marin M., Kumar R., Analytical-Numerical solution of thermoelastic interactions in a semi-infinite medium with one relaction time, J. Computational and Theoretical Nanoscience, vol. 12, 2015, issue 2, 287-291.

24. Marin M. , Florea O., Mahmoud S.R., A result regarding the seismic dislocations in microstretch thermoelastic bodies, Mathematical Problems in Engineering, 2015, article 850261.

25. Mahmoud S.R., Marin M., Al-Basyouni K. S., Effect of the initial stress and rotation on free vibrations in transversely isotropic human long dry bone, Analele Șt. Univ. Ovidius Constanța – Seria Matematică, vol. 23, 2015, issue 1, 171-184.

26. Marin M., Agarwal R., Florea O., A nonlinear equation for fluids in multiconnected domains, Bondary Value Problems, 2015 on line 198.

27. Minea B., Păltănea E., Laplace method for the case of a countably infinite set of global maximum points, Bull. Math. Societe de Sciences Math. Roumanie, vol. 58, 2015, issue 1, 81-94.

28. Florea A., Păltănea E., Bălă D., Convex ordering properties and applications, Journal of Mathematical Inequalities, vol. 9, 2015, issue 4, 1245-1257.

29. Paltănea R., Stan G., Voronovskaya theorem for simultaneous approximation by Bernstein operators on a simplex, Mediterranean J. Math., vol. 12, 2015, issue 3, 889-900.

30. Abel U., Ivan M., Păltănea R., The Durrmeyer variant of an operator deefined by D.D. Stancu, Appl. Math. Comput. Vol. 259, 116-123.

31. Paltănea R., Stan G., Transformation of second order modulus by positive linear operators, Analele Șt. Univ. Ovidius Constanța – Seria Matematică, vol. 23, 2015, issue 1, 237-246.

32. Popescu O., A new type of contractions that characterizes metric completness, Carpathian J. Math, vol. 31, 2015, issue 3, 381-387.

33. Munteanu C.M., Bratu I., Leopold N., Morari G., Buimaga-Iarinca L, Purcau M.A.P., Subpicosecond surface dynamics in genomic DNA from a vitro-grown plant species: a SERS assessment, Physical Chemistry Chemical Physics, vol 17, 2015, issue 33, 21323-21330.

34. Curt P., Răducanu D., General univalence criteria and quasiconformal extension starting from Lowner chains theory, Filomat, vol. 29, 2015, issue 8, 1879-1892.

35. Răducanu D., On the univalence of an integral operator, Haccettepe J. Math. Statistics, vol. 44, 2015, issue 3, 623-631.

36. Tudor A., Răducanu D., On a subclass of analytic functions involving harmonic means, Analele Șt. Univ. Ovidius Constanța – Seria Matematică, vol.23, 2015, issue 1, 267-275.

37. Vasilescu A., Upon the Haskell support for the web applications developement, Analele Șt. Univ. Ovidius Constanța – Seria Matematică, vol. 23, 2015, issue 1, 277-290.

38. Voicu N., Krupka D., Canonical variational conpletion of differential equations, J. Math. Phisics, vol. 56, 2015, issue 4, article 043507.

Lucrari B+, BDI 2015

1. V. Pescar, C.L. Aldea, Properties of an integral operator, Acta Universitatis Apulensis, No. 43/2015, pp. 229-234.

2. C. L. Aldea, V. Perscar, Sufficient conditions for univalence of a new integral operator, Bull. Univ. Transilvania din Brasov Ser. III, Math.-Phys.-Inf., 8(57), No.2, (2015), pp. 13-20.

3. C. S. Cismasiu, The generalization of Mastroianni operators using the Durrmeyer's method, Stud. Univ. Babes-Bolyai Math., 60(2015), No. 2, pp. 241-248.

4. L.A. Ciupala, FIFO Preflow Algorithm for Maximum Flow in Semi-bipartite Networks, Bull. Univ. Transilvania din Brasov Ser. III, Math.-Phys.-Inf., 8(57), No.1, (2015), pp. 117-122.

5. A. Deaconu, Algorithm for solving a puzzle problem, Bull. Univ. Transilvania din Brasov Ser. III, Math.-Phys.-Inf., 8(57), No.2, (2015), pp. 125-130.

6. M. Talpau Dimitriu, On a weighted K-functional, Bull. Univ. Transilvania din Brasov Ser. III, Math.-Phys.-Inf., 8(57), No.1, (2015), pp. 79-88.

7. M. Talpau Dimitriu, On global smoothness preservation by Bernstein-type operators, Stud. Univ. Babes-Bolyai Math., 60(2015), No. 2, pp. 303-310.

8. M. Talpau Dimitriu, Some results on global smoothness preservation by Stancu-Kantorovich operators, Journal of Science and Arts, Year 15, No. 3 (32), 2015, pp. 219-224.

9. O. Florea, The Mechanical Behavior And The Mathematical Modeling Of An Intervertebral Disc, Acta Tehnica Napocensis, Series: Applied Mathematics, Mechanics and Engineering Vol. 58, Issue II, June, 2015, pp. 213-218.

10. C. Ida, P. Popescu, On the cohomology of some CR-foliations on the tangent bundle of a Finsler space, Acta Mathematica Academiae Paedagogicae Nyregyhaziensis 31 (2015), pp. 47-60.

11. C. Ida, A. Oana, On Some Transverse Geometrical Structures of Lifted Foliation to Its Conormal Bundle, The Scientific World Journal, Volume 2015, Article ID 218912, 6 pages.

12. A. Manea, First order jets of bundles over a manifold endowed with a subfoliation, Bull. of the Transilvania Univ. of Brasov, Vol 8(57), No. 1 - 2015 Series III: Mathematics, Informatics, Physics, pp. 43-56.

13. A. Manea, N. Minculete, Types of integer harmonic numbers (I), Bull. of the Transilvania Univ. of Brasov, Vol 8(57), No. 2 - 2015 Series III: Mathematics, Informatics, Physics, pp. 79-88.

14. N. Minculete, A. Ratiu, Several refinements and counterparts of Radons inequality, Mathematica Bohemica, 140 (2015), pp. 71-80.

15. L. Ciurdariu, N. Minculete, Inequalities for Power Series, Appl. Math. Inf. Sci. 9, No. 4, 1823-1832 (2015).

16. E. D. Apostu, M.A. Pop, V. Monescu, Influence of Functional and Construction Parameters over Sieving Process - Rotary Cylindrical Sieve, Advanced Materials Research Vol. 1128 (2015) pp 353-363.

17. V. Monescu, I. Ciobanu, S.I. Munteanu, V. Geaman, A. Crisan, Modelarea matematica a solidificarii pieselor turnate din aliaje eutetice, Cercetari metalurgice si noi materiale/ Metalurgy and new materials researches, Vol. XXIII, No. 1/20, 2015, 13 Pages.

18. A. Oana, Gauss-Weingarten and Frenet equations in the theory of the homogeneous lift to the 2-osculator bundle of a Finsler metric., Bull. of the Transilvania Univ. of Brasov, Vol 8(57), No. 1 - 2015 Series III: Mathematics, Informatics, Physics, pp. 57-78.

19. R. Paltanea, M. Smuc, Generalities estimates of the weighted approximation on interval [0;1) using moduli of continuity, Bull. of the Transilvania Univ. of Brasov, Vol 8(57), No. 2 - 2015 Series III: Mathematics, Informatics, Physics, pp.93-108.

20. M.N. Pascu, Brownian probabilities under symmetric rearrangement, Bull. Transilvania Univ. of Brasov Ser. III, 8(57) (2015), No. 2, pp. 89 - 92.

21. M. Voinea, M.A.P. Purcaru, Individual Learning Plan in teaching Mathematics for Children with SEN- a Constructivist Approach, Procedia-Social and Behavioral Sciences, Procedia - Social and Behavioral Sciences 187 (2015) 190 -195.

22. S.A. Purcaru, M.A.P. Purcaru, Building Aedificatores. Cross-Analyzing some Teaching Approaches in Architecture and Civil Engineering, Bull. Tansilvania Univ. Brasov, Series VII Social Science-Law, 8(57) No. 1 2015, pp. 9-16.

23. M.A.P. Purcaru, A. Nechifor, The Efficiency of the Teaching Methods Used Within the ELT and MT Methodology Classes-A Comparative Study, Bull. Tansilvania Univ. Brasov, Series VII Social Science-Law, 8(57), No.2-2015, pp. 51-58.

24. M.A.P. Purcaru, G. Campean, New Classes of R-Complex Hermitian Finsler Spaces with (alpha,beta)-Metrics. Review of the Air Force Academy, No.1, 28, 2015, 97-100.

25. M.A.P. Purcaru, E. Unianu, Teaching Mathematics for Children with SEN+good practice examples, Journal Plus Education Vol. XII, 2015, pp. 64-67.

26. M.A. Pop, V. Geaman, I. Radomir, T. Bedo, Pores Size Influence on the Permeability for Copper Foams, Advanced Materials Research Vol. 1128 (2015) pp 3-9.

27. I. Chirciu, V. Geaman, I. Radomir, M.A. Pop, Theoretical Analysis regarding the asymmetrical fluid flow applied to helicopter aerodynamics, RECENT 44 Vol. 16 (2015), No. 1 (44), March 2015, pp. 9-12.

28. V. Geaman, D. Frunza, I. Radomir, M.A. Pop, Numerical simulation of cyclic extrusion process for aluminum alloy A6060, U.P.B. Sci. Bull., Series B, Vol. 77, Iss. 2, 2015 , pp. 159-168.

29. R.F. Coterlici, V. Geamăn, I. Radomir, M.A. Pop, Green Composites based on Kenaf Fibers, Advanced Engineering Forum Vol 13 (2015), pp. 15-18.

30. G.V. Orman, I. Radomir, A vision of the Brownian motion models useful in random systems analysis, Chaotic Modeling and Simulation (CMSIM) 4: pp. 345-355, 2014.

31. A. Szazs, Beil metrics in complex Finsler geometry, Balkan Journal of Geometry and its Applications, Vol. 20. No. 2, (2015), pp.72-83.

32. E. Tatomir, Homogeneous stellar model having the chemical composition: X = 0.725 and Z = 0.018, Bull. of the Transilvania Univ. of Brasov, Vol 8(57), No. 2 - 2015 Series III: Mathematics, Informatics, Physics, pp.89-98.

33. H. Tudor, An Integral Operator which Preserves the Univalence, Gen. Math. Notes, Vol. 26, No. 2, February 2015, pp.48-58.

34. E. Popovici, On the holomorphic curvature of complex Finsler hypersurfaces, Bull. of the Transilvania Univ. of Brasov, Vol 8(57), No. 2 - 2015 Series III: Mathematics, Informatics, Physics, pp.109-124.