UNIVERSITATEA DIN ORADEA
FACULTATEA DE INFORMATICĂ ŞI ŞTIINŢE
DEPARTAMENTUL DE MATEMATICĂ ŞI INFORMATICĂ

RAPORT DE AUTOEVALUARE

CENTRUL DE CERCETARE ÎN ANALIZĂ MATEMATICĂ APLICATĂ ŞI INFORMATICĂ TEORETICĂ

pentru perioada 2014 - 2018

Martie - 2019

Anexa 1A.

Cuprins RAE

I. Prezentarea Centrului de Cercetare în conformitate cu HG 551 / 2007 (până la apariţia unor reglementări legislative în domeniu)

RAE pentru perioada 2014-2018

1. DATE DE AUTENTIFICARE / IDENTIFICARE ALE UNITĂŢII DE CERCETARE – DEZVOLTARE

1.1.	**Denumirea**
	Centrul de Cercetare în Analiză Matematică Aplicată şi Informatică Teoretică (CCAMAIT)
1.2.	**Statutul Juridic**
	-Centru de cercetare institutionalizat de interes local
1.3.	**Actul de infiintare: HCA 38/27.09.2013 şi HSU 35/25.11.2013**
	Titlul: Certificat Nr. 17456/16.12.2013
	- Diplomă ex. Nr. 17459/16.12.2013
	Data emiterii
	-27.09.2013, respectiv 25.11.2013
	Organul emitent
	-Consiliul de Administratie al Universitatii din Oradea, respectiv Senatul Universitatii din Oradea
	Modificari ulterioare
	-
1.4.	**Nr. din inregistrare in Registrul potentialilor contractori**
	1155
1.5.	**Director**
	Prof. univ. dr. habil. Bica Alexandru Mihai, Str.Universităţii nr.1, Pavilion C, sala C202, Tel. +40 259 408 656
1.6.	**Adresa**
	Oradea, Str. Universităţii nr.1, Pavilion C, sala C202
1.7.	**Tel, Fax, Pagina web, E-mail**
	Telefon: +40 259 408 461; Fax: +40 259 408 161; http://www.uoradea.ro ; E-mail: abica@uoradea.ro

2. DOMENIUL

2.1.	**Conform clasificarii UNESCO**
	• 12 Matematică 1202 Analiză şi analiză funcţională 1203 Stiinta calculatoarelor 1206 Analiză numerică 1208 Probabilităţi 1210 Topologie • 24 Ştiinţele vieţii 2404 Biomatematici • 33 Stiinte tehnologice 3304 Tehnologia calculatoarelor
2.2.	**Conform clasificarii CAEN**
	58 581: Activităţi de editare a cărţilor, revistelor şi altele 72 721: Cercetare-dezvoltare în ştiinţe naturale şi inginerie 85 854: Învăţământ superior 856: Activităţi de servicii suport pentru învăţământ

3. STAREA UNITĂŢII DE CERCETARE – DEZVOLTARE

3.1.	**Misiunea unitatii de cercetare dezvoltare, directiile de cercetare, dezvoltare, inovare**
	Misiunea centrului de cercetare este cercetarea ştiinţifică fundamentală în domeniul analizei reale şi complexe, a analizei numerice si informaticii teoretice. Prin crearea centrului de

	cercetare-dezvoltare se urmăreşte: coagularea eforturilor in vederea obţinerii de rezultate de cercetare valoroase şi de fonduri necesare cercetării, evidenţierea existenţei unei entităţi capabile de colaborări cu mediul ştiinţific şi cu cel socio-economic, dezvoltarea unui parteneriat puternic cu cercetători şi cu instituţii dedicate cercetării din ţară şi străinătate. Direcţiile de cercetare ale centrului sunt următoarele: □ Teoria aproximării funcţiilor □ Semigrupuri de operatori pe spaţii ne-local convexe □ Teoria geometrică a funcţiilor □ Mulţimi fuzzy intuiţioniste □ Matematica fuzzy cu aplicaţii în procesarea imaginilor şi geologie □ Numere fuzzy, interpolare fuzzy, ecuatii diferentiale si integrale fuzzy □ Teoria KKM şi teoreme de minimax □ Teoria generală a punctului fix □ Modelare matematică cu aplicaţii în biologie şi medicină □ Orbite periodice în problema celor N-corpuri □ Incluziuni diferenţiale □ Teoria stabilităţii ecuaţiilor diferenţiale □ Analiză numerică: cuadraturi numerice, operatori de interpolare, metode numerice pentru ecuatii diferentiale si integrale □ Functii spline □ Functii si varietati diferentiabile. Puncte si valori critice □ Criptografie si securitatea sistemelor distribuite □ Sisteme electronice de plata, protocoale de securitate utilizate in comertul electronic □ Sisteme de operare distribuite
3.2.	**Modul de valorificare a rezultatelor de cercetare, dezvoltare,inovare si gradul de recunoastere a acestora**
	• Elaborarea de lucrări ştiinţifice publicate în reviste de specialitate cotate ISI/BDI sau prezentate la conferinţe/simpozioane naţionale şi internaţionale. • Participarea în programe de cercetare-dezvoltare naţionale şi internaţionale. • Elaborarea de cărţi de specialitate/monografii, capitole din cărţi şi cursuri universitare legate de direcţiile de cercetare ale centrului. • Integrarea rezultatelor cercetării în alte domenii. • Creşterea nivelului ştiinţific şi de instruire a membrilor centrului

4. CRITERII PRIMARE DE PERFORMANŢĂ

4.1. Lucrări stiintifice/tehnice publicate în reviste de specialitate cotate ISI

4.1.1. Numar de lucrari stiintifice: 112; punctaj 112x30=3360

Nr. crt.	Data publicarii		Autor(i)	Titlul articolului	Revista ISI	ISSN	Factorul de impact al revistei
	An	Luna					
1.	2014		Jaume Llibre, Daniel Pasca, Claudia Valls	Periodic solutions of a galactic potential	Chaos, Solitons and Fractals	0960-0779	1,503
2.	2014		Daniel Pasca, Chun-Lei Tang	Periodic solutions of non-autonomous second order systems with (q(t),p(t))-Laplacian	Mathematica Slovaca	0139-9918	0,451
3.	2014		Daniel Pasca, Claudia Valls	Qualitative analysis of the anisotropic two-body problem under Seeliger's potential	Bulletin des Sciences Mathematiques	0007-4497	0,733
4.	2014		Alina Alb Lupaş, Adriana Cătaş	A New Comprehensive Class of Analytic Functions Using Multiplier Transformations	Journal of Computational Analysis and Applications, Vol.	1521-1398	0,72

					17, No. 4, 2014, 743-745		
5.	2014	12	A. Alb Lupaş	A note on special strong differential superordinations using multiplier transformation	Journal of Computational Analysis and Applications, Vol. 17, No. 4, 2014, 746-751	1521-1398	0,72
6.	2014	3	A. Alb Lupaş	Aspects of univalent holomorphic functions involving multiplier transformation and Ruscheweyh derivative	Advances in Difference Equations, 2014, 2014:117, doi:10.1186/1687-1847-2014-117	1687-1847	0.76
7.	2014	3	L. Coroianu, S. G. Gal,	Localization results for the Bernstein max-product operator	Applied Mathematics and Computation	0096-3003	1.600
8.	2014	12	A. I. Ban, L. Coroianu	Existence, uniqueness and continuity of trapezoidal approximations of fuzzy numbers under a general condition	Fuzzy Sets and Systems	0165-0114	1.880
9.	2014	12	L. Coroianu, S. G. Gal, B. Bede	Approximation of fuzzy numbers by max-product Bernstein operators	Fuzzy Sets and Systems	0165-0114	1.880
10.	2014	12	L. Coroianu, S. G. Gal	Saturation and inverse results for the Bernstein max-product operators	Periodica Mathematica Hungarica	0031-5303	0.379
11.	2014	7	Gal, Sorin G.; Gupta, Vijay	APPROXIMATION BY COMPLEX SZASZ-DURRMEYER OPERATORS IN COMPACT DISKS	Acta Mathematica Scientia, 34 Issue: 4 Pages: 1157-1165	0252-9602	0.620
12.	2014	6	S.G. Gal	A Possibilistic Approach of the Max-Product Bernstein Kind Operators	Results in Mathematics, 65 Issue: 3-4 Pages: 453-462	1422-6383	0.642
13.	2014	5	Gal, Sorin G.; Gupta, Vijay	Approximation by complex Phillips-Stancu operators in compact disks under exponential growth conditions	Appl. Math.Comput. 234 (2014) 309-315	0096-3003	1.600
14.	2014		Gal, Sorin G. Sabadini, Irene	Carleman Type Approximation Theorem in the Quaternionic Setting and Applications	Bulletin of the Belgian Mathematical Society - Simon Stevin, 21 Issue: 2 Pages: 231-240	1370-1444	0.357
15.	2014		Gal, Sorin G. Sabadini, Irene	Walsh equiconvergence theorems in the quaternionic setting	*Complex Var. Elliptic Equ.*, 59 Issue: 12 : 1589-1607	1747-6933	0.650
16.	2014	9	Lin, Lai-Jiu; Balaj, Mircea; Ye, Yu-Chia	Quasi-variational relation problems and generalized Ekeland's variational principle with applications	Optimization	0233-1934	0.771
17.	2014	11	R.P. Agarwal, .M. Balaj, D. O'Regan	Common Fixed Point Theorem with Applications	J. Optimization Theory and Applications	0022-3239	1.406
18.	2014	9	Fechete, Dorina;	Multivalued representation and new algebraic structures	Carpathian J. of Mathematics Vol: 30	1584-2851	0.642

			Fechete, Ioan	for fuzzy numbers	Issue: 2 Pages: 161-173, 2014		
19.	2014		L.H. Popescu	Topological classification and structural stabil;ity of strongly continuous groups	Integral Eqs. Oper. Theory 79 (2014), 355-375	0378-620X	0.583
20.	2014		Georgia Irina Oros, Gh. Oros	Differential Subordinations for Nonanalytic Functions	Abstract and Applied Analysis, 2014, Article ID 251265,1-9	1085-3375	0,637
21.	2014	6	L.Bareira, L.H. Popescu, C. Valls	Exponential behavior in Banach spaces: robustness and trichotomies in discrete time	Periodica Mathematica Hungarica, 62 (2014) 207-221	0031-5303	0.379
22.	2014		H. M. Srivastava, J. K. Prajapat, Georgia Irina Oros, R. Șendruțiu	Geometric Properties of a Certain General Family of Integral Operators	Filomat, 28:4 (2014), 745–754	0354-5180	0.753
23.	2014		Georgia Irina Oros	Sufficient conditions for univalence obtained by using first order nonlinear strong differential subordinations	J.of Computational and Applied Analysis, 16, No.1, 2014, 149-152	1521-1398	0.720
24.	2014		A. M. Bica, C. Popescu	Approximating the solution of nonlinear Hammerstein fuzzy integral equations	Fuzzy Sets & Systems, 245 (2014) 1-17	0165-0114	1.880
25.	2014		A. M. Bica	Optimizing at the end-points the Akima's interpolation method of smooth curve fitting	Computer Aided Geometric Design 31 (2014) 245-257	0167-8396	0.894
26.	2015	01	Gal, Sorin G.; Sabadini, Irene	On Bernstein and Erdos-Lax's inequalities for quaternionic polynomials	COMPTES RENDUS MATHEMATIQUE Acad. Sci. Paris, 353 (2015) 5-9	**1631-073X**	0.469
27.	2015		Gal, Sorin G.; Gupta, Vijay	Approximation by Complex Szasz-Mirakyan-Stancu-Durrmeyer Operators in Compact Disks under Exponential Growth	Filomat, 29 (2015) 1127-1136	0354-5180	0.638
28.	2015	03	Gal, Sorin G.; Sabadini, Irene	Arakelian's approximation theorem of Runge type in the hypercomplex setting	INDAGATIONES MATHEMATICAE-NEW SERIES, 26 (2015) 337-345	**0019-3577**	0.364
29.	2015	04	Gal, Sorin G.; Opris, Bogdan D.	Uniform and pointwise convergence of Bernstein-Durrmeyer operators with respect to monotone and submodular set functions	J. Math. Anal. Appl. 424 (2015) 1374-1379	**0022-247X**	1.120
30.	2015	06	Gal, Sorin G.	Approximation of Analytic Functions by Generalized Favard-Szasz-Mirakjan-Faber Operators in Compact Sets	COMPLEX ANALYSIS AND OPERATOR THEORY 9, no. 5 (2015) 975-984	1661-8254	0.545
31.	2015	06	Gal, Sorin G.; Sabadini, Irene	Universality properties of the quaternionic power series and entire functions	MATHEMATISCHE NACHRICHTEN 288 (2015) 917-924	1522-2616	0.683
32.	2015	08	Gal, Sorin G.; Opris, Bogdan	Approximation with an arbitrary order by modified	Appl. Math. Comput. 265 (2015) 329-332	**0096-3003**	1.551

			D	Baskakov type operators			
33.	2015	09	Gal, S. G.; Sabadini, I	Approximation by polynomials on quaternionic compact sets	MATHEMATICAL METHODS IN THE APPLIED SCIENCES 38, no. 14 (2015) 3063-3074	1099-1476	0.918
34.	2015	10	Gal, Sorin G.; Oscar Gonzalez-Cervantes, J.; Sabadini, Irene	On some geometric properties of slice regular functions of a quaternion variable	COMPLEX VARIABLES AND ELLIPTIC EQUATIONS 60, no. 10 (2015) 1431-1455	1747-6933	0.610
35.	2015	10	Gal, Sorin G.; Oscar Gonzalez-Cervantes, J.; Sabadini, Irene	Univalence results for slice regular functions of a quaternion variable	COMPLEX VARIABLES AND ELLIPTIC EQUATIONS 60, no. 10 (2015) 1346-1365	1747-6933	0.610
36.	2015		A. Alb Lupas	Properties on a subclass of univalent functions defined by using a multiplier transformation and Ruscheweyh derivative	Analele Univ. Ovidius, seria Matematica, Vol. 23(1), 2015, p. 9 – 24	1224-1784	0,333
37.	2015		A. Alb Lupas, L. Andrei	Aspects of univalent holomorphic functions involving Ruscheweyh derivative and generalized Sălăgean operator	J. of Computational Analysis and Applications, Vol. 19, No. 2, 2015, 272-277	1521-1398	0,481
38.	2015		A. Alb Lupas	On a certain subclass of analytic functions involving Sălăgean operator and Ruscheweyh derivative	J. of Computational Analysis & Appl., Vol. 19, No. 2, 2015, 278-281	1521-1398	0,481
39.	2015		A. Alb Lupas	New classes containing multiplier transformation and Ruscheweyh derivative	J. of Computational Analysis & Appl., 19, No. 2, 2015, 282-286	1521-1398	0,481
40.	2015		A. Alb Lupaş, Gh. Oros	On special fuzzy differential subordinations using Sălăgean and Ruscheweyh operators	Appl.Math. Comput. 261 (2015) 119-127	0096-3003	1,551
41.	2015		D. Fechete, I. Fechete	Quotient algebraic structures on the set of fuzzy numbers	Kybernetika 51, no. 2 (2015) 255-267	0023-5954	0.541
42.	2015		M. Balaj	Systems of variational relations with lower semicontinuous set-valued mappings	CARPATHIAN J. of MATHEMATICS 31 (2015), no.3, 269-275	1584-2851	0.792
43.	2015		Balaj, M.; Lin, Lai-Jiu	An existence theorem for a variational relation problem with applications to minimax inequalities	Pac. J. Optim. 11 (2015), no. 3, 471--481	1348-9151	1.079
44.	2015		A.I. Ban, L. Coroianu	Simplifying the search for effective ranking of fuzzy numbers	IEEE Transactions on Fuzzy Systems, 23 (2015), 327-339	1063-6706	8.746
45.	2015		A.I. Ban, L. Coroianu	Existence, uniqueness, calculus and properties of triangular approximations of fuzzy numbers under a general condition	International Journal of Approximate Reasoning, 62 (2015) 1-26	1873-4731	2.451
46.	2015		G.I. Oros, Gh. Oros, R. Diaconu	Differential subordinations obtained with some new integral operators	J. Comput. Anal. Appl. 19 (2015), no. 5, 904-910	1521-1398	0.481

47.	2016		A.M. Bica	The middle-parametric representation of fuzzy numbers and applications to fuzzy interpolation	International J. of Approximate Reasoning 68 (2016) 27-44	1873-4731	2.696
48.	2016		A.M. Bica	Initial value problems with retarded argument solved by iterated quadratic splines	Applied Numerical Mathematics 101 (2016) 18-35	0168-9274	1.414
49.	2016		S. Ziari, A.M. Bica	New error estimate in the iterative numerical method for nonlinear fuzzy Hammerstein-Fredholm integral equations	Fuzzy Sets & Systems 295 (2016) 136-152	0165-0114	2.098
50.	2016		A. M. Bica, M. Curila, S. Curila	Two-point boundary value problems associated to functional differential equations of even order solved by iterated splines	Applied Numerical Mathematics 110 (2016) 128-147	0168-9274	1.414
51.	2016		Gal S. G.	Approximation by Choquet integral operators	Ann. Mat. Pura Appl. (4) 195 (2016), no. 3, 881-896	0373-3114	0.861
52.	2016		Gal, S. G.; Gupta, V.	Approximation by complex Lupas-Durrmeyer polynomials based on Polya distribution	Banach J. Math. Anal., 10 (2016), no. 1, 209-221	1735-8787	0.800
53.	2016		Gal, Sorin G.; Opris, Bogdan D.	Approximation of analytic functions with an arbitrary order by generalized Baskakov-Faber operators in compact sets	Complex Anal. Oper. Theory 10 (2016), no. 2, 369-377	1661-8254	0.545
54.	2016		C. Popescu	A secure and efficient payment protocol based on ElGamal cryptographic algorithms	Electronic Commerce Research, (2016), DOI: 10.1007/s10660-016-9236-5	1389-5753	1.275
55.	2016		O. Bolojan, S. Muresan	Some rematks on the bilocal problem	Miskolc Mathematical Notes 17, no.1 (2016) 57-67	1787-2413	0.388
56.	2016		Georgia Irina Oros, Gheorghe Oros, Alina Alb Lupaş, Vlad Ionescu	Differential subordinations obtained by using a generalization of Marx-Strohhäcker theorem	Journal of Computational Analysis and Applications, Vol. 20, No.1, 2016, 135 – 139	1521-1398	0.799
57.	2016		A. Alb Lupaş	Properties on a subclass of univalent functions defined	Journal of Computational Analysis and Applications, Vol.	1521-1398	0.799

				by using Sălăgean operator and Ruscheweyh derivative	21, No.7, 2016, 1213-1217		
58.	2016		A. Alb Lupaş	About some differential sandwich theorems using a multiplier transformation and Ruscheweyh derivative	Journal of Computational Analysis and Applications, Vol. 21, No.7, 2016, 1218-1224	1521-1398	0.799
59.	2016		A.I. Ban, O.I. Ban, D.A. Tuse	Derived fuzzy importance of attributes based on the weakest triangular norm-based fuzzy arithmetic and applications to the hotel services	Iranian Journal of Fuzzy Systems 13, no. 5 (2016) 65-85	1735-0654	0.560
60.	2016		A. Ban, O. Ban, D. Tuşe	Calculation of the fuzzy importance of attributes based on the correlation coefficient, applied to the quality of hotel services	Journal of Intelligent and Fuzzy Systems, 30 (2016) 583-596		1.812
61.	2016		Adrian I. Ban, Lucian Coroianu, Alireza Khastan	Conditioned weighted L--R approximations of fuzzy numbers	Fuzzy Sets and Systems 283 (2016) 56-82		1.986
62.	2016		O. Ban, A. Ban, D. Tuşe	Importance-Performance Analysis by Fuzzy C-Means Algorithm	Expert Systems with Applications, 50 (2016) 9-16		2.240
63.	2016		A.I. Ban, L. Coroianu	Symmetric triangular approximations of fuzzy numbers under a general condition and properties	Soft Computing, 20 (2016) 1249-1261		1.271
64.	2016		Balaj, M	Solutions existence for two types of mixed variational relation problems	APPLICABLE ANALYSIS, Volume: 95, Issue: 2, Pages: 426-443	0003-6811	0.815
65.	2016		Balaj, M., Lin, Lai-Jiu	LUC'S VARIATIONAL RELATION PROBLEM UNDER SOME LOWER SEMICONTINUITY ASSUMPTION	JOURNAL OF NONLINEAR AND CONVEX ANALYSIS, Volume: 17, Issue: 1, Pages: 39-54	1345-4773	0.691
66.	2016		Balaj, M	Existence Theorems for a Variational Relation Problem	NUMERICAL FUNCTIONAL ANALYSIS AND OPTIMIZATION, 37, Issue: 4, 459-479	0163-0563	0.649
67.	2016		Agarwal, Ravi P., M. Balaj, O'Regan, Donal	Variational relation problems in a general setting	JOURNAL OF FIXED POINT THEORY AND APPLICATIONS, 18, no.3, 479-493	1661-7738	0.54

68.	2016		Mircea Balaj, Lai-Jiu Lin and Sheng-Fan Yang	Existence theorems of solutions for several variational relation problems	JOURNAL OF NONLINEAR AND CONVEX ANALYSIS, 17, no. 12, 2435-2454	1345-4773	0.691
69.	2016		L. Barreira, L. H. Popescu, C. Valls,	Hyperbolic sequences of linear operators and evolution maps	Milan Journal of Math. Vol. 84 (2016), 203-216		0.457
70.	2016		Daniel Pasca, Zhiyong Wang	Note on periodic solutions of nonautonomous second order Hamiltonian systems with (q,p)-Laplacian	Electronic Journal of Qualitative Theory of Differential Equations, vol. 2016, nr. 106 (2016) 1-9	1417-3875	0.732
71.	2016		Jenica Cringanu, Daniel Pasca, Cristina Stoica	A note on relative equilibria bifurcations in the (2N+1)-body problem	Journal of Dynamics and Differential Equations, vol. 28, nr. 1 (2016) 239-251	1040-7294	1.110
72.	2016		Matica, LM. Oros, H	Speed Computation in Movement Followed by Accurate Positioning of Industrial Robots	Int. J. Comput. Commun. Control (2016) 75-79		1.374
73.	2016	04	L. Coroianu, L. Stefanini	General approximation of fuzzy numbers by F-transform	Fuzzy Sets and Systems, Volume: 288 Special Issue: SI Pages: 46-74	0165-0114	2.098
74.	2016	01	L. Coroianu	Necessary and sufficient conditions for the equality of the interactive and non-interactive sums of two fuzzy numbers	Fuzzy Sets and Systems, Volume: 283 Pages: 40-55	0165-0114	2.098
75.	2016	09	L. Coroianu	Best Lipschitz constants of solutions of quadratic programs	Journal of Optimization Theory and Applications, Volume: 170 Issue: 3 Pages: 853-875	0022-3239	1.160
76.	2016	03	L. Coroianu, S. G. Gal	Localization results for the non-truncated max-product sampling operators based on Fejer and Sinc-type kernels	Demonstratio Mathematica, Volume: 49 Issue: 1 Pages: 38-49	0420-1213	0.344
77.	2017		A.M. Bica	On the metric triangle inequality	Int. J. Nonlinear Anal. Appl. 8 (2017) No. 1, 159-164	2008-6822	
78.	2017		A. M. Bica, C. Popescu	Iterative numerical method	J. of Intelligent & Fuzzy Systems 32	1064-1246	1.004

				for nonlinear fuzzy Volterra integral equations	(2017) 1639-1648		
79.	2017	03	A. M. Bica, C. Popescu	Note on fuzzy monotonic interpolating splines of odd degree	Fuzzy Sets & Syst. 310 (2017) 60-73	0165-0114	2.718
80.	2017		A. M. Bica, C. Popescu	Fuzzy trapezoidal cubature rule and application to two-dimensional fuzzy Fredholm integral equations	Soft Computing 21 (2017) 1229-1243	1432-7643	2.472
81.	2017		A. M. Bica, S. Ziari	Iterative numerical method for fuzzy Volterra integral equations in two dimensions	Soft Computing 21 (2017) 1097-1108	1432-7643	2.472
82.	2017		D. Pasca	Homoclinic solutions for ordinary (q,p)-Laplacian systems with a coercive potential	Math. Slovaca 67, no. 2 (2017) 509-518	0139-9918	0.346
83.	2017		C. Li, R.P. agarwal, D. Pasca	Infinitely many periodic solutions for a class of new superquadratic second-order Hamiltonian system	Appl. Math. Letters 64 (2017) 113-118	0893-9659	2.233
84.	2017		S.G. Gal, I. Sabadini	Overconvergence of Chebyshev and Legendre expansions in quaternionic ellipsoids	Adv. Appl. Clifford Algebr. 27 (2017), no. 1, 125–133	0188-7009	0.643
85.	2017		L. Coroianu, S.G. Gal, B.D. Opris, S. Trifa	Feller's scheme in approximation by nonlinear possibilistic integral operators	Numer. Funct. Anal. Optim. 38 (2017), no. 3, 327–343	0163-0563	0.591
86.	2017		S.G. Gal, I. Sabadini	Faber polynomials on quaternionic compact sets	Complex Anal. Oper. Theory 11 (2017), no. 5, 1205–1220	1661-8254	0.545
87.	2017		L. Coroianu, S.G. Gal	Lp-approximation by truncated max-product sampling operators of Kantorovich-type based on Fejér kernel	J. Integral Equations Appl. 29 (2017),no. 2, 349–364.	0897-3962	0.776
88.	2017		S.G. Gal	Uniform and pointwise quantitative approximation by Kantorovich-Choquet type integral operators with respect to monotone and submodular set functions	Mediterr. J. Math. 14 (2017), no. 5, Art. 205, 12 pp	1660-5446	0.656
89.	2017		S.G. Gal	Convolutions with probability densities and applications to PDEs	Electron. J. Differential Equations 2017, Paper No. 216, 9 pp.	1072-6691	0.954

90.	2017		C.G. Gal, S.G. Gal	Heat and Laplace type equations with complex spatial variables in weighted Bergman spaces	Electron. J. Differential Equations 2017, Paper No. 236, 8 pp.	1072-6691	0.954
91.	2017		S.G. Gal, S. Trifa	Quantitative estimates in Lp-approximation by Bernstein-Durrmeyer-Choquet operators with respect to distorted Borel measures	Results Math. 72(2017), no. 3, 1405–1415	1422-6383	0.690
92.	2017		S.G. Gal, S. Trifa	Quantitative estimates in uniform and pointwise approximation by Bernstein-Durrmeye Choquet operators	Carpathian J. Math. 33 (2017), no. 1, 49-58	1584-2851	0.788
93.	2017		Alina Alb Lupaș	On special fuzzy differential subordinations using multiplier transformation	J. Comput. Anal. Appl. 23, no. 6 (2017) 1029 – 1035	1521-1398	0.609
94.	2017		M. Balaj	New existence criteria of the solutions for a variational relation problem	Optimization 66, no. 5 (2017) 675-689	0233-1934	0.943
95.	2017		R.P. Agarwal, M. Balaj, D. O'Regan	Common fixed point theorems in topological vector spaces via intersection theorems	J. of Optimization Theory and Applications 173, no. 2 (2017) 443-458	0022-3239	1.289
96.	2017		L. Barreira, L.H. Popescu, C. Valls	Robustness of exponential behavior in Banach spaces	Periodica Math. Hungarica 75, no.1 (2017) 80-95	0031-5303	0.415
97.	2017		L. Barreira, L.H. Popescu, C. Valls	Generalized exponential behavior and topological equivalence	Discrete and Contin. Dyn. Syst. ser. B 22, no. 8 (2017) 3023-3042	1531-3492	0.994
98.	2017		N. Lupa, L.H. Popescu	A complete characterization of of exponential stability for discrete dynamics	J. of Difference Equations and Applications 23, no. 12 (2017) 2072-2092	1032-6198	0.762
99.	2017		L.M. Matica, H. Oros	Speed computation for industrial robot motion by accurate positioning	Int. J. Computers Commun. & Control 12, no. 1 (2017) 76-89	1841-9836	1.374
100.	2018		Daniel Pasca and Bogdan Mircea Tataru	Periodic orbits of the three dimensional logarithm galactic potential	Bulletin of the BelgianMathematical Society -- Simon Stevin, vol. 25, nr. 4 (2018) 611-627		0,423
101.	2018		Balaj, Mircea	Stampacchia variational inequality with weak convex mappings	Optimization 67 (2018), no. 10, 1571- - 1577	0233-1934	1.170
102.	2018		Agarwal, Ravi P.; Balaj,	Intersection theorems with applications in optimization	Optim Theory Appl. 179 (2018) no. 3,		1.234

			Mircea; O'Regan, Donal		761-777		
103.	2018		Balaj M., Jorquera, E. D.; Khamsi, M. A.	Common fixed points of set-valued mappings in hyperconvex metric spaces	J. Fixed Point Theory Appl. 20 (2018), no. 1, Art. 22, 14 pp., 1661-7738		0.971
104.	2018		Gal, Sorin G.	Quantitative approximations by convolution polynomials in Bergman spaces	Complex Anal. Oper. Theory 12 (2018), no. 2, 355–364		0.540
105.	2018		Gal, S. G.; Sabadini, I.	Approximation by polynomials in Bergman spaces of slice regular functions in the unit ball	Math. Methods Appl. Sci. 41 (2018), no. 4, 1619–1630		0.385
106.	2018		Gal, Sorin G.	Quantitative Approximation by Nonlinear Picard–Choquet, Gauss–Weierstrass–Choquet and Poisson–Cauchy–Choquet Singular Integrals	Results Math. 73(2018), no. 3, 73:92		0.667
107.	2018		Coroianu, Lucian ; Gal, Sorin G.	Approximation by truncated max-product operators of Kantoroich type based on generalized (Phi, Psi) kernel	Math. Meth. Appl. Sci., 41(2018), no. 17, 7971-7894	0170-4214	1.18
108.	2018	06	A. I. Ban, L. Coroianu	Explicit analytical formulae of ranking indices without the requirement of multiplicative compatibility	International Journal of Approximate Reasoning, volume 97 (2018), pp. 17-37	0888-613x	1.766
109.	2018	04	Lucian Coroianu, Rober Fuller	Nguyen type theorem for extension principle based on a joint possibility distribution	International Journal of Approximate Reasoning, volume 95, pp. 22-35, Apr. 2018	0888-613x	1.766
110.	2018	02	Lucian Coroianu, Rober Fuller	On the constraint OWA aggregation problem with single constraint	Fuzzy Sets and Systems, volume 332, pp. 37-43, Feb. 2018	0165-0114	2.675
111.	2018	01	Lucian Coroianu, Rober Fuller	Necessary and sufficient conditions for the equality of intercative and non-interactive extensions of continuous functions	Fuzzy Sets and Systems, volume 331, pp. 116-130, Jan. 2018	0165-0114	2.675
112.	2018	06	Popescu Constantin	A secure and efficient payment protocol based on El Gamal cryptographic algorithms	Electronic Commerce Research 18 (2018) 339-358	1389-5753	1.489

4.1.2. Numar de citari in reviste de specialitate cotate ISI *(citări din perioada de raportare, indiferent când şi unde a fost publicat articolul citat*)**: 715; punctaj 715x5=3575**

Nr.	Articolul citat	Articolul care citează

crt.	(An / Lună / Autori / Titlul articolului / Revista / ISSN)	Data publicării		Autor(i)	Titlul articolului	Revista ISI	ISSN
		An	Lună				
1.	B. Bede, L. Coroianu, S. G. Gal, Approximation and shape preserving properties of the Bernstein operator of max-product kind, Int. J. of Mathematics and Mathematical Sciences, vol. 2009, Article ID 590589, 26 pages, 2009. Doi: 10.1155/2009/590589	2014		S.G. Gal	A Possibilistic Approach of the Max-Product Bernstein Kind Operators	Results in Mathematics, 65 (2014) 453-462	1422 - 6383
2.	A. I. Ban, L. Coroianu, Nearest interval, triangular and trapezoidal approximation preserving ambiguity, International Journal of Approximate Reasoning, 53 (2012) 805-836.	2014		Z. Yue	TOPSIS-based group decision-making methodology in intuitionistic fuzzy setting	Information Sciences 277 (2014) 141-153	0020 - 0255
3.	A. I. Ban, L. Coroianu, Nearest interval, triangular and trapezoidal approximation preserving ambiguity, International Journal of Approximate Reasoning, 53 (2012) 805-836.	2014		B. Sinova, M. A. Gil, M. T. Lopez, S. Van Aelst	A parametirezed L^{2} metric between fuzzy numbers and its parameter interpretation	Fuzzy Sets and Systems, 245 (2014) 101-115	0165 - 0114
4.	A. I. Ban, L. Coroianu, Nearest interval, triangular and trapezoidal approximation preserving ambiguity, International Journal of Approximate Reasoning, 53 (2012) 805-836.	2014		C-T. Yeh, H-M. Chu	Approximation by L-R type fuzzy numbers	Fuzzy Sets and Systems, 257 (2014) 23-40	0165 - 0114
5.	A. I. Ban, L. Coroianu, P. Grzegorzewski, Trapezoidal approximation and aggregation, Fuzzy Sets and Systems, 177 (2011) 45-59.	2014		P. Grzegorzewski, K. Pasternak-Winiarska	Natural trapezoidal approximations of fuzzy numbers	Fuzzy Sets and Systems, 250 (2014) 90-109	0165 - 0114
6.	L. Coroianu, *Best* Lipschitz constant of the trapezoidal approximation operator preserving the expected interval, Fuzzy Sets and Systems, 165 (2011) 81-97.	2014		P. Grzegorzewski, K. Pasternak-Winiarska	Natural trapezoidal approximations of fuzzy numbers	Fuzzy Sets and Systems, 250 (2014) 90-109	0165 - 0114
7.	A. I. Ban, L. Coroianu, Metric properties of the nearest extended parametric fuzzy numbers and applications, International Journal of Approximate Reasoning, 52 (2011) 488-500	2014		P. Grzegorzewski, K. Pasternak-Winiarska	Natural trapezoidal approximations of fuzzy numbers	Fuzzy Sets and Systems, 250 (2014) 90-109	0165 - 0114
8.	A. I. Ban, A. Brandas, L. Coroianu, O. Nica, C. Negrutiu, Approximation of fuzzy numbers by	2014		P. Grzegorzewski, K. Pasternak-Winiarska	Natural trapezoidal approximations of fuzzy numbers	Fuzzy Sets and Systems, 250 (2014) 90-109	0165 - 0114

	trapezoidal fuzzy numbers preserving the value and ambiguity, Computers and Mathematics with Applications, 61 (2011) 1379-1401.						
9.	A. I. Ban, A. Brandas, L. Coroianu, O. Nica, C. Negrutiu, Approximation of fuzzy numbers by trapezoidal fuzzy numbers preserving the value and ambiguity, Computers and Mathematics with Applications, 61 (2011) 1379-1401	2014		C-T. Yeh, H-M. Chu	Approximation by L-R type fuzzy numbers	Fuzzy Sets and Systems, 257 (2014) 23-40	0165 - 0114
10.	A. I. Ban, L. Coroianu, Continuity and additivity of the trapezoidal approximation preserving the expected interval operator, IFSA-EUSFLAT Worls Congress, Lisbone 20-24 July 2009, 798-802.	2014		P. Grzegorzewski, K. Pasternak-Winiarska	Natural trapezoidal approximations of fuzzy numbers	Fuzzy Sets and Systems, 250 (2014) 90-109	0165 - 0114
11.	B. Bede, L. Coroianu, S. G. Gal, Approximation and shape preserving properties of the nonlinear Meyer-Konig and Zeller operator of max-product kind, Numerical Functional Analysis and Optimization, 31 (2010) 232-253	2014		S.G. Gal	A Possibilistic Approach of the Max-Product Bernstein Kind Operators	Results in Mathematics, 65 (2014) 453-462	1422 - 6383
12.	A. I. Ban, L. Coroianu, Discontinuity of the trapezoidal fuzzy number-valued operators preserving core, Computers and Mathematics with Applications, 62 (2011) 3103-3110	2014		Y. Wang, X. Ma, Y. Lao, Y. Wang	A fuzzy-based costumer clustering approach with hierarchical structure for logistic network optimization	Expert Systems with Applications, 41 (2014) 521-534	
13.	A. I. Ban, L. Coroianu, Discontinuity of the trapezoidal fuzzy number-valued operators preserving core, Computers and Mathematics with Applications, 62 (2011) 3103-3110	2014		P. Grzegorzewski, K. Pasternak-Winiarska	Natural trapezoidal approximations of fuzzy numbers	Fuzzy Sets and Systems, 250 (2014) 90-109	0165 - 0114
14.	L. Coroianu, S. G. Gal, Classes of functions with improved estimates in approximation by the max-product Bernstein operator	2014		S.G. Gal	A Possibilistic Approach of the Max-Product Bernstein Kind Operators	Results in Mathematics, 65 (2014)	1422 - 6383
15.	A. I. Ban, L. Coroianu, Continuity and additivity of the trapezoidal approximation preserving the expected interval operator, IFSA-EUSFLAT World Congress, Lisbone 20-24 July 2009, 798-802.	2014		P. Grzegorzewski, K. Pasternak-Winiarska	Natural trapezoidal approximations of fuzzy numbers	Fuzzy Sets and Systems, 250 (2014) 90-109	0165 - 0114
16.	B. Bede, L. Coroianu, S. G. Gal, Approximation and	2014		S.G. Gal	A Possibilistic Approach of the	Results in Mathematics, 65	1422 -

	shape preserving properties of the nonlinear Meyer-Konig and Zeller operator of max-product kind, Numerical Functional Analysis and Optimization, 31 (2010) 232-253				Max-Product Bernstein Kind Operators	(2014) 453-462	6383
17.	L. Coroianu, M. Gagolewski, P. Grzegorzewski, Nearest piecewise approximation of fuzzy numbers, Fuzzy Sets and Systems, 233 (2013) 26-51	2014		P. Grzegorzewski, K. Pasternak-Winiarska	Natural trapezoidal approximations of fuzzy numbers	Fuzzy Sets and Systems, 250 (2014) 90-109	0165 - 0114
18.	B. Bede, L. Coroianu, S. G. Gal, Approximation and shape preserving properties of the nonlinear Baskakov operator of max-product kind, Studia Universitatis Babes-Bolyai, Mathematica, 55 (2010) 193-218	2014		S. G. Gal	A Possibilistic Approach of the Max-Product Bernstein Kind Operators	Results in Mathematics, 65 (2014) 453-462	1422 - 6383
19.	L. Coroianu, Lipschitz functions and fuzzy number approximations, Fuzzy Sets and Systems, 200 (2012) 116-135	2014		A. M. Bica, C. Popescu	Approximating the solution of nonlinear Hammerstein fuzzy integral equations	Fuzzy Sets and Systems, 245 (2014) 1-17	0165 - 0114
20.	L. Coroianu, Lipschitz functions and fuzzy number approximations, Fuzzy Sets and Systems, 200 (2012) 116-135	2014		B. Sinova, M. A. Gil, M. T. Lopez, S. Van Aelst	A parametirezed L^{2} metric between fuzzy numbers and its parameter interpretation	Fuzzy Sets and Systems, 245 (2014) 101-115	0165 - 0114
21.	A. I. Ban, L. Coroianu, Translation invariance and scale invariance of approximations of fuzzy numbers, EUSFLAT-LFA Conference, France, Aix-Les-Bains, 18-23 July 2011, 742-748	2014		P. Grzegorzewski, K. Pasternak-Winiarska	Natural trapezoidal approximations of fuzzy numbers	Fuzzy Sets and Systems, 250 (2014) 90-109	0165 - 0114
22.	A. I. Ban, L. Coroianu, Translation invariance and scale invariance of approximations of fuzzy numbers, EUSFLAT-LFA Conference, France, Aix-Les-Bains, 18-23 July 2011, 742-748	2014		C-T. Yeh, H-M. Chu	Approximation by L-R type fuzzy numbers	Fuzzy Sets and Systems, 257 (2014) 23-40	0165 - 0114
23.	B. Bede, L. Coroianu, S. G. Gal, Approximation and shape preserving properties of the nonlinear Favard-Szasz-Mirakjan operator of max-product kind, Filomat, 24 (2010) 55-72.	2014		S. G. Gal	A Possibilistic Approach of the Max-Product Bernstein Kind Operators	Results in Mathematics, 65 (2014) 453-462	1422 - 6383
24.	L. Coroianu, S. G. Gal, B. Bede, Approximations of fuzzy numbers by Bernstein operators of max-product kind, Fuzzy Sets and Systems, 257 (2014) 41-66	2014		B. Sinova, M. A. Gil, M. T. Lopez, S. Van Aelst	A parametirezed L^{2} metric between fuzzy numbers and its parameter interpretation	Fuzzy Sets and Systems, 245 (2014) 101-115	0165 - 0114
25.	L. Coroianu, S. G. Gal, Localization results for the	2014		S. G. Gal	A Possibilistic Approach of the	Results in Mathematics, 65	1422 -

	Meyer-Konig and Zeller operator of max-product kind, Numerical Functional Analysis and Optimization, 34 (2013) 713-727				Max-Product Bernstein Kind Operators	(2014) 453-462	6383
26.	L. Coroianu, S. G. Gal, Saturation and inverse results for the Bernstein max-product operator, Periodica Mathematica Hungarica, 69 (2014) 126-133	2014		S. G. Gal	A Possibilistic Approach of the Max-Product Bernstein Kind Operators	Results in Mathematics, 65 (2014) 453-462	1422 - 6383
27.	A. Alb Lupaş, On special differential subordinations using Sălăgean and Ruscheweyh operators, Mathematical Inequalities and Applications, Vol. 12, Issue 4, 2009, 781-790	2014		L. Andrei, V. Ionescu	Some differential superordinations using Ruscheweyh derivative and generalized Sălăgean operator	Journal of Computational Analysis and Applications, Vol. 17, No. 3, 2014, 437-444	1521-1398
28.	A. Alb Lupaş, On a certain subclass of analytic functions defined by Salagean and Ruscheweyh operators, Journal of Mathematics and Applications, No. 31, 2009, 67-76	2014		L. Andrei, V. Ionescu	Some differential superordinations using Ruscheweyh derivative and generalized Sălăgean operator	Journal of Computational Analysis and Applications, Vol. 17, No. 3, 2014, 437-444	1521-1398
29.	A. Alb Lupaş, On special differential subordinations using a generalized Sălăgean operator and Ruscheweyh derivative, Journal of Computational Analysis and Applications, Vol. 13, No.1, 2011, 98-107	2014		L. Andrei, V. Ionescu	Some differential superordinations using Ruscheweyh derivative and generalized Sălăgean operator	Journal of Computational Analysis and Applications, Vol. 17, No. 3, 2014, 437-444	1521-1398
30.	A. Alb Lupaş, On a certain subclass of analytic functions defined by a generalized Sălăgean operator and Ruscheweyh derivative, Carpathian Journal of Mathematics, 28 (2012), No. 2, 183-190	2014		L. Andrei, V. Ionescu	Some differential superordinations using Ruscheweyh derivative and generalized Sălăgean operator	Journal of Computational Analysis and Applications, Vol. 17, No. 3, 2014, 437-444	1521-1398
31.	A. Alb Lupaş, D. Breaz, On special differential superordinations using Sălăgean and Ruscheweyh operators, Geometric Function Theory and Applications' 2010 (Proc. of International Symposium, Sofia, 27-31 August 2010), 98-103	2014		L. Andrei, V. Ionescu	Some differential superordinations using Ruscheweyh derivative and generalized Sălăgean operator	Journal of Computational Analysis and Applications, Vol. 17, No. 3, 2014, 437-444	1521-1398
32.	A. Alb Lupaş, On special differential superordinations using a generalized Sălăgean operator and Ruscheweyh derivative, Computers and Mathematics with Applications 61, 2011, 1048-1058	2014		L. Andrei, V. Ionescu	Some differential superordinations using Ruscheweyh derivative and generalized Sălăgean operator	Journal of Computational Analysis and Applications, Vol. 17, No. 3, 2014, 437-444	1521-1398
33.	A. Alb Lupaş, Certain special differential superordinations using a	2014		L. Andrei, V. Ionescu	Some differential superordinations using Ruscheweyh	Journal of Computational Analysis and	1521-1398

	generalized Sălăgean operator and Ruscheweyh derivative, Analele Universitatii Oradea, Fasc. Matematica, Tom XVIII, 2011, 167-178				derivative and generalized Sălăgean operator	Applications, Vol. 17, No. 3, 2014, 437-444	
34.	D.A. Alb Lupaş, Subordinations and Superordinations, Lap Lambert Academic Publishing, 2011	2014		L. Andrei, V. Ionescu	Some differential superordinations using Ruscheweyh derivative and generalized Sălăgean operator	Journal of Computational Analysis and Applications, Vol. 17, No. 3, 2014, 437-444	1521-1398
35.	A. Alb Lupas, Certain differential subordinations using Salagean and Ruscheweyh operators, Acta Universitatis Apulensis, No. 29/2012, 125-129.	2014		L. Andrei	Some properties of certain subclasses of analytic functions involving a differential operator	Advances in Difference Equations.2014, 2014:142, DOI: 10.1186/1687-1847-2014-142	1687-1847
36.	A. Alb Lupas, A note on differential subordinations using Salagean and Ruscheweyh operators, Romai Journal, vol. 6, nr. 1(2010), 1-4	2014		L. Andrei	Some properties of certain subclasses of analytic functions involving a differential operator	Advances in Difference Equations.2014, 2014:142, DOI: 10.1186/1687-1847-2014-142	1687-1847
37.	A. Alb Lupas, Certain differential superordinations using Salagean and Ruscheweyh operators, Analele Universitatii din Oradea, Fascicola Matematica, Tom XVII, Issue no. 2, 2010, 209-216	2014		L. Andrei	Some properties of certain subclasses of analytic functions involving a differential operator	Advances in Difference Equations.2014, 2014:142, DOI: 10.1186/1687-1847-2014-142	1687-1847
38.	A. Alb Lupas, Certain differential subordinations using a generalized Salagean operator and Ruscheweyh operator I, Journal of Mathematics and Applications, No. 33 (2010), 67-72.	2014		L. Andrei	Some properties of certain subclasses of analytic functions involving a differential operator	Advances in Difference Equations.2014, 2014:142, DOI: 10.1186/1687-1847-2014-142	1687-1847
39.	A. Alb Lupas, Certain differential subordinations using a generalized Salagean operator and Ruscheweyh operator II, Fractional Calculus and Applied Analysis, Vol 13, No. 4 (2010), 355-360.	2014		L. Andrei	Some properties of certain subclasses of analytic functions involving a differential operator	Advances in Difference Equations.2014, 2014:142, DOI: 10.1186/1687-1847-2014-142	1687-1847
40.	A. Alb Lupas, Certain differential superordinations using a generalized Salagean and Ruscheweyh operators, Acta Universitatis Apulensis nr. 25/2011, 31-40	2014		L. Andrei	Some properties of certain subclasses of analytic functions involving a differential operator	Advances in Difference Equations.2014, 2014:142, DOI: 10.1186/1687-1847-2014-142	1687-1847
41.	A. Cătaş, Some simple criteria of starlikeness for meromorphic functions, Filomat, 22:2 (2008), 109-113.	2014		By: Shi, Lei; Wang, Zhi-Gang,	On a New Criterion for Meromorphic Starlike Functions Article Number: 346162	Abstract and Applied Analysis	1085-3375
42.	A. Cătaş, Neighborhoods of a certain class of analytic functions with negative coefficients, Banach J. Math. Anal., Vol. 3, Number	2014	01	Wang, Zhi-Gang; Srivastava, H. M.; Yuan, Shao-Mou	Some basic properties of certain subclasses of meromorphically starlike functions Article Number: 29	Journal of Inequalities and Applications	1029-242X

	1(2009), 111-121.						
43.	A. Cătaş, A note on meromorphic m–valent starlike functions, J. Math. Inequal., Volume 4, Number 4 (2010), 601–607.	2014		Shi, L (Shi, Lei) ; Wang, ZG (Wang, Zhi-Gang)	On a New Criterion for Meromorphic Starlike Functions Article Number: 346162	Abstract and Applied Analysis	1085-3375
44.	Daniel Pasca - Periodic Solutions for Second Order Differential Inclusions with Sublinear Nonlinearity, PanAmerican Mathematical Journal, vol. 10, nr. 4 (2000) 35-45	2014		Chun Li, Zeng-Qi Ou, Chun-Lei Tang	Periodic solutions for non-autonomous second-order differential systems with (q,p)-Laplacian	Electronic Journal of Differential Equations, vol. 2014, nr. 64 (2014) 1-13	
45.	Daniel Pasca - Periodic solutions for nonautonomous second order differential inclusions systems with p-Laplacian, Communications on Applied Nonlinear Analysis, vol. 16, nr. 2 (2009) 13-23	2014		Chun Li, Zeng-Qi Ou, Chun-Lei Tang	Periodic solutions for non-autonomous second-order differential systems with (q,p)-Laplacian,	Electronic Journal of Differential Equations, vol. 2014, nr. 64 (2014) 1-13	
46.	Daniel Pasca - Periodic solutions of a class of nonautonomous second order differential systems with (q,p)-Laplacian, Bulletin of the Belgian Mathematical Society - Simon Stevin, vol. 17, nr. 5 (2010) 841-850	2014		Chun Li, Zeng-Qi Ou, Chun-Lei Tang	Periodic solutions for non-autonomous second-order differential systems with (q,p)-Laplacian,	Electronic Journal of Differential Equations, vol. 2014, nr. 64 (2014) 1-13	
47.	Daniel Pasca - Periodic solutions of second-order differential inclusions systems with (q,p)-Laplacian, Analysis and Applications, vol. 9, nr. 2 (2011) 201-223	2014		Chun Li, Zeng-Qi Ou, Chun-Lei Tang	Periodic solutions for non-autonomous second-order differential systems with (q,p)-Laplacian,	Electronic Journal of Differential Equations, vol. 2014, nr. 64 (2014) 1-13	
48.	Mihail Barbosu, Vasile Mioc, Daniel Pasca, Ferenc Szenkovits - The two-body problem with generalized Lennard-Jones potential, Journal of Math. Chem. vol. 49, nr. 9 (2011) 1961-1975	2014		F. A. Abd El-Salam, S. E. Abd El-Bar, M. Rasem, S. Z. Alamri	New formulation of the two body problem using a continued fractional potential	Astrophysics and Space Science, vol. 350, nr. 2 (2014) 507-515	
49.	A. I. Ban, Approximation of fuzzy numbers by trapezoidal fuzzy numbers preserving the expected interval, Fuzzy Sets and Systems, vol. 159 (2008), pp. 1327-1344	2014		Przemyslaw Grzegorzewski, Karolina Pasternak-Winiarska	Natural trapezoidal approximations of fuzzy numbers	Fuzzy Sets and Systems, Vol. 250, (2014), pp. 90-109	0165 - 0114
50.	A. I. Ban, On the nearest parametric approximation of a fuzzy number - revisited, Fuzzy Sets and Systems, vol. 160 (2009), pp. 3027-3047	2014		Przemyslaw Grzegorzewski, Karolina Pasternak-Winiarska	Natural trapezoidal approximations of fuzzy numbers	Fuzzy Sets and Systems, Vol. 250, (2014), pp. 90-109	0165 - 0114
51.	A. I. Ban, On the nearest parametric approximation of a fuzzy number - revisited, Fuzzy Sets and Systems, vol. 160 (2009), pp. 3027-3047	2014		L. Coroianu, Sorin G. Gal, Barnabas Bede	Approximation of fuzzy numbers by max-product Bernstein operators	Fuzzy Sets and Systems, vol. 257 (2014), pp. 41-66	0165 - 0114
52.	A. I. Ban, Trapezoidal and triangular approximations of	2014		L. Coroianu, Sorin G. Gal,	Approximation of fuzzy numbers by	Fuzzy Sets and Systems, vol. 257	0165 -

	fuzzy numbers-inadvertences and corrections, Fuzzy Sets and Systems, vol. 160 (2009), pp. 3048-3058			Barnabas Bede	max-product Bernstein operators	(2014), pp. 41-66	0114
53.	A. I. Ban, Approximation of fuzzy numbers by trapezoidal fuzzy numbers preserving the expected interval, Fuzzy Sets and Systems, vol. 159 (2008), pp. 1327-1344	2014		L. Coroianu, Sorin G. Gal, Barnabas Bede	Approximation of fuzzy numbers by max-product Bernstein operators	Fuzzy Sets and Systems, vol. 257 (2014), pp. 41-66	0165 - 0114
54.	A. I. Ban, A. Brandas, L. Coroianu, C. Negrutiu, O. Nica, Approximations of fuzzy numbers by trapezoidal fuzzy numbers preserving the value and ambiguity, Computers and Mathematics with Applications, vol. 61 (2011), pp. 1379-1401.	2014		L. Coroianu, Sorin G. Gal, Barnabas Bede	Approximation of fuzzy numbers by max-product Bernstein operators	Fuzzy Sets and Systems, vol. 257 (2014), pp. 41-66	0165 - 0114
55.	A. I. Ban, L. Coroianu, Continuity and linearity of the trapezoidal approximation preserving the expected interval operator, in: IFSA-EUSFLAT World Congress, 20-24 July 2009, pp. 798-802	2014		L. Coroianu, Sorin G. Gal, Barnabas Bede	Approximation of fuzzy numbers by max-product Bernstein operators	Fuzzy Sets and Systems, vol. 257 (2014), pp. 41-66	0165 - 0114
56.	A. I. Ban, L. Coroianu, Metric properties of the nearest extended parametric fuzzy number and applications, International J. of Approximate Reasoning, vol. 52 (2011), pp. 488-500	2014		L. Coroianu, Sorin G. Gal, Barnabas Bede	Approximation of fuzzy numbers by max-product Bernstein operators	Fuzzy Sets and Systems, vol. 257 (2014), pp. 41-66	0165 - 0114
57.	A. I. Ban, L. Coroianu, Nearest interval, triangular and trapezoidal approximation of a fuzzy number preserving ambiguity, International Journal of Approximate Reasoning, vol. 53 (2012), pp. 805	2014		Jinshan Ma, Changsheng Ji	Generalized Grey Target Decision Method for Mixed Attributes Based on Connection Number	Journal of Applied Mathematics (ISI), vol. 2014	
58.	A. I. Ban, Trapezoidal and triangular approximations of fuzzy numbers-inadvertences and corrections, Fuzzy Sets and Systems, vol. 160 (2009), pp. 3048-3058	2014		Chi-Tsuen Yeh, Han-Min Chu	Approximations by LR-type fuzzy numbers	Fuzzy Sets and Systems, vol. 257 (2014), pp. 23-40	0165 - 0114
59.	A. I. Ban, On the nearest parametric approximation of a fuzzy number - revisited, Fuzzy Sets and Systems, vol. 160 (2009), pp. 3027-3047	2014		Chi-Tsuen Yeh, Han-Min Chu	Approximations by LR-type fuzzy numbers	Fuzzy Sets and Systems, vol. 257 (2014), pp. 23-40	0165 - 0114
60.	A. I. Ban, Approximation of fuzzy numbers by trapezoidal fuzzy numbers preserving the expected interval, Fuzzy Sets and	2014		Chi-Tsuen Yeh, Han-Min Chu	Approximations by LR-type fuzzy numbers	Fuzzy Sets and Systems, vol. 257 (2014), pp. 23-40	0165 - 0114

	Systems, vol. 159 (2008), pp. 1327-1344						
61.	B. Farhadinia, A. I. Ban, Developing new similarity measures of generalized intuitionistic fuzzy numbers and generalized interval-valued fuzzy numbers from similarity measures of generalized fuzzy numbers, Mathematical and Computer Modelling, 57 (2013), 812-825	2014		M Hao, J.M. Mendel	Similarity measures for general type-2 fuzzy sets based on the α-plane representation	Information Sciences, vol. 277 (2014), pp. 197-215	
62.	B. Farhadinia, A. I. Ban, Developing new similarity measures of generalized intuitionistic fuzzy numbers and generalized interval-valued fuzzy numbers from similarity measures of generalized fuzzy numbers, Mathematical and Computer Modelling, 57 (2013), 812-825	2014		B. Farhadinia	Sensitivity analysis in interval-valued trapezoidal fuzzy number linear programming problems	Applied Mathematical Modelling, vol. 38 (2014), pp. 50-62	
63.	A. I. Ban, L. Coroianu, Discontinuity of the trapezoidal fuzzy number-valued operators preserving core, Computers and Mathematics with Applications, vol. 62 (2011), pp. 3103-3110	2014		Zengtai Gong, Shexiang Hai	The Interval-Valued Trapezoidal Approximation of Interval-Valued Fuzzy Numbers and Its Application in Fuzzy Risk Analysis	Journal of Applied Mathematics, volume 2014 (2014), Article ID 254853, 22 pages	
64.	A. I. Ban, Approximation of fuzzy numbers by trapezoidal fuzzy numbers preserving the expected interval, Fuzzy Sets and Systems, vol. 159 (2008), pp. 1327-1344	2014		Scheerlinck, K., Vernieuwe, H., Verhoest, N.E.C., Baets, B.D	Practical computing with interactive fuzzy variables	Applied Soft Computing , vol. 22, 2014, pp. 518-527	
65.	B. Farhadinia, A. I. Ban, Developing new similarity measures of generalized intuitionistic fuzzy numbers and generalized interval-valued fuzzy numbers from similarity measures of generalized fuzzy numbers, Mathematical and Computer Modelling, 57 (2013), 812-825	2014		Xihua Li, Xiaohong Chen	Extension of the TOPSIS method based on prospect theory and trapezoidal intuitionistic fuzzy numbers for group decision making	Journal of Systems Science and Systems Engineering, vol. 23 (2014), Issue 2, pp 231-247	
66.	A. I. Ban, Approximation of fuzzy numbers by trapezoidal fuzzy numbers preserving the expected interval, Fuzzy Sets and Systems, vol. 159 (2008), pp. 1327-1344	2014		Luca Auzili, Gisella Facchinetti, Giovanni Mastroleo	A parametric approach to evaluate fuzzy quantities	Fuzzy Sets and Systems, vol. 250 (2014), pp. 110-133	0165 - 0114
67.	Bica, A. M., Căuş, V. A., Fechete, I., Mureşan, S. Application of the Cauchy-Buniakovski-Schwarz Inequality to an Optimal Property for Cubic Splines. Journal of Computational	2014		A.M. Bica	Optimizing at the end-points the Akima's interpolation method of smooth curve fitting	Computer Aided Geometric Design, 2014, 31.5: 245-257	

	Analysis & Applications, 2007, 9.1.						
68.	L.H.Popescu, T. Vesselenyi, Trichotomy and topological equivalence for evolution families, Bulletin of the Belgian Mathematical Society- Simon Stevin 18, issue 4, p. 679-694 (2011).	2014		N.Lupa	Roughness of (Z(+), Z(-)) nonuniform exponential dichotomy for difference equations in Banach spaces	Scientific World Journal (2014).	
69.	L.H.Popescu, Exponential dichotomy roughness and structural stability for evolution families without bounded growth and decay, Nonlinear Analysis Theory Methods and Applications vol. 71, Issue 3-4, p. 935-947 (2009)	2014		N.Lupa	Roughness of (Z(+), Z(-)) nonuniform exponential dichotomy for difference equations in Banach spaces	Scientific World Journal (2014).	
70.	L. H. Popescu, Exponential dichotomy roughness on Banach spaces, J. Math. Anal. Appl. 314 (2006), 436-454	2014		L. Barreira, C. Valls	Robustness of exponential dichotomies in mean	Stochastic processes and their applications Vol. 124, Issue 12, p. 4244-4265 (2014)	
71.	L. H. Popescu, Exponential dichotomy roughness on Banach spaces, J. Math. Anal. Appl. 314 (2006), 436-454	2014		L. Barreira, C. Valls	Robustness of a weaker notion of exponential dichotomy	Integral Equations and Operator Theory Vol. 79, Issue 3, p. 337-354 (2014)	
72.	L. H. Popescu, Exponential dichotomy roughness on Banach spaces, J. Math. Anal. Appl. 314 (2006), 436-454	2014		N. Lupa, M. Megan	Exponential dichotomies of evolution operators in Banach spaces	Monatshefte fur Mathematik Vo. 174, Issue 2, p. 265-284 (2014)	
73.	L. H. Popescu, Exponential dichotomy roughness on Banach spaces, J. Math. Anal. Appl. 314 (2006), 436-454	2014		L. Barreira, D. Dragicevic, C. Valls	Exponential dichotomies with respect to a sequence of norms and admissibility	International Journal of Mathematics Vol. 25, Issue 3, (2014)	
74.	L. H. Popescu, Exponential dichotomy roughness on Banach spaces, J. Math. Anal. Appl. 314 (2006), 436-454	2014		N.Lupa	Roughness of (Z(+), Z(-)) nonuniform exponential dichotomy for difference equations in Banach spaces	Scientific World Journal (2014)	
75.	Balaj, M.; Lin, L. J., Generalized Variational Relation Problems with Application, J. of Optimization Theory and Appl., 148 Issue: 1 (2011), 1-13	2014	Sep	Yang, Zhe	On the existence and stability of solutions of a mixed general type of variational relation problems	JOURNAL OF INEQUALITIES AND APPLICATIONS	1029-242X
76.	Balaj, M.; Lin, L. J., Generalized Variational Relation Problems with Application, J. of Optimization Theory and Appl., 148 Issue: 1 (2011), 1	2014	Sep	Yang, Zhe	Some generalizations of common fixed point problems with applications	FIXED POINT THEORY AND APPLICATIONS	1687-1812
77.	Balaj, M.; Lin, L. J., Generalized Variational Relation Problems with Application, J. of Optimization Theory and Appl., 148 Issue: 1 (2011),	2014	Aug	Dhara, A; Luc, DT	A solution method for linear variational relation problems	JOURNAL OF GLOBAL OPTIMIZATION	0925-5001

	1						
78.	Balaj, M.; Lin, L. J., Generalized Variational Relation Problems with Application, J. of Optimization Theory and Appl., 148 Issue: 1 (2011), 1	2014	Iun	Phan Quoc Khanh; Lin, Lai Jiu; Vo Si Trong Long	On topological existence theorems and applications to optimiza-tion-related problems	MATHEMATICAL METHODS OF OPERATIONS RESEARCH	1432-2994
79.	Balaj, M.; Lin, L. J., Generalized Variational Relation Problems with Application, J. of Optimization Theory and Appl., 148 Issue: 1 (2011), 1	2014	Mar	Phan Quoc Khanh; Vo Si Trong Long	Invariant-point theorems and existence of solutions to optimiza-tion-related problems	JOURNAL OF GLOBAL OPTIMIZATION	0925-5001
80.	Balaj, M.; Lin, L. J., Generalized Variational Relation Problems with Application, J. of Optimization Theory and Appl., 148 Issue: 1 (2011), 1	2014	Ian	Yang, Zhe	Some new generalizations of nonempty intersection theorems without convexity assumptions and essential stability of their solution set with applications	FIXED POINT THEORY AND APPLICA-TIONS	1687-1812
81.	Balaj, M.; Lin, L. J., Generalized Variational Relation Problems with Application, J. of Optimization Theory and Appl., 148 Issue: 1 (2011), 1	2014	Ian	Yang, Zhe	On existence and essential stability of solutions of symmetric variational relation problems	JOURNAL OF INEQUALITIES AND APPLICATIONS	1029-242X
82.	Balaj, M.; Lin, L. J., Generalized Variational Relation Problems with Application, J. of Optimization Theory and Appl., 148 Issue: 1 (2011), 1	2014		Shi, Lefeng; Yang, Zhe	Stable Analysis of Solution Set for System of Quasivariational Relations with Applica-tions	JOURNAL OF APPLIED MATHEMATICS	1110-757X
83.	Balaj, Mircea; Lin, Lai-Jiu, Equivalent forms of a generalized KKM theorem and their applications, Nonlinear Analysis Theory Methods and Appl. 73, no. 3 (2010) 673-682	2014	Sep	Yang, Zhe	On the existence and stability of solutions of a mixed general type of variational relation problems	JOURNAL OF INEQUALITIES AND APPLICATIONS	1029-242X
84.	Balaj, Mircea; Lin, Lai, Equivalent forms of a generalized KKM theorem and their applications, Nonlinear Analysis Theory Methods and Appl. 73, no. 3 (2010) 673-682	2014	Sep	Yang, Zhe	Some generalizations of common fixed point problems with applications	FIXED POINT THEORY AND APPLICATIONS	1687-1812
85.	Balaj, Mircea; Lin, Lai, Equivalent forms of a generalized KKM theorem and their applications, Nonlinear Analysis Theory Methods and Appl. 73, no. 3 (2010) 673-682	2014	Aug	Dhara, Anulekha; Dinh The Luc	A solution method for linear variational relation problems	JOURNAL OF GLOBAL OPTIMIZATION	0925-5001
86.	Balaj, Mircea; Lin, Lai, Equivalent forms of a generalized KKM theorem and their applications,	2014	Iun	Phan Quoc Khanh; Lin, Lai Jiu; Vo Si Trong Long	On topological existence theorems and applications to optimization-related	MATHEMATICAL METHODS OF OPERATIONS RESEARCH	1432-2994

	Nonlinear Analysis Theory Methods and Appl. 73, no. 3 (2010) 673-682				problems		
87.	Balaj, Mircea; Lin, Lai, Equivalent forms of a generalized KKM theorem and their applications, Nonlinear Analysis Theory Methods and Appl. 73, no. 3 (2010) 673-682	2014	Ian	Yang, Zhe	Some new generalizations of nonempty intersection theorems without convexity assumptions and essential stability of their solution set with applications	FIXED POINT THEORY AND APPLICATIONS	1687-1812
88.	Balaj, Mircea; Lin, Lai, Equivalent forms of a generalized KKM theorem and their applications, Nonlinear Analysis Theory Methods and Appl. 73, no. 3 (2010) 673-682	2014	Ian	Yang Zhe	On existence and essential stability of solutions of symmetric variational relation problems	JOURNAL OF INEQUALITIES AND APPLICATIONS	1029-242X
89.	Balaj, Mircea; Lin, Lai, Equivalent forms of a generalized KKM theorem and their applications, Nonlinear Analysis Theory Methods and Appl. 73, no. 3 (2010) 673-682	2014		Shi, Lefeng; Yang, Zhe	Stable Analysis of Solution Set for System of Quasivariational Relations with Applications	JOURNAL OF APPLIED MATHEMATICS	1110-757X
90.	Balaj, Mircea; Lin, Lai, Equivalent forms of a generalized KKM theorem and their applications, Nonlinear Analysis Theory Methods and Appl. 73, no. 3 (2010) 673-682	2014		Tang, Gusheng; Zhang, Qingbang	Class U-KKM(X,Y.Z), General KKM Type Theorems, and Their Applications in Topological Vector Space	ABSTRACT AND APPLIED ANALYSIS	1085-3375
91.	Balaj, Mircea; Lin, Lai, Equivalent forms of a generalized KKM theorem and their applications, Nonlinear Analysis Theory Methods and Appl. 73, no. 3 (2010) 673-682	2014		Lu, Haishu; Hu, Qingwen; Miao, Yulin	A Maximal Element Theorem in FWC-Spaces and Its Applications	SCIENTI-FIC WORLD JOURNAL	1537-744X
92.	Balaj, Mircea; Luc, Dinh The, On mixed variational relation problems, Comput. Math. Appl. 60, no. 9 (2010) 2712-2722	2014	Sep	Yang, Zhe	On the existence and stability of solutions of a mixed general type of variational relation problems	JOURNAL OF INEQUALITIES AND APPLICATIONS	1029-242X
93.	Balaj, Mircea; Luc, Dinh The, On mixed variational relation problems, Comput. Math. Appl. 60, no. 9 (2010) 2712	2014	Sep	Yang, Zhe	Some generalizations of common fixed point problems with applications	FIXED POINT THEORY AND APPLICATIONS	1687-1812
94.	Balaj, Mircea; Luc, Dinh The, On mixed variational relation problems, Comput. Math. Appl. 60, no. 9 (2010) 2712	2014	Aug	Dhara, Anulekha; Dinh The Luc	A solution method for linear variational relation problems	JOURNAL OF GLOBAL OPTIMIZATION	0925-5001
95.	Balaj, Mircea; Luc, Dinh The, On mixed variational relation problems, Comput. Math. Appl. 60, no. 9 (2010) 2712	2014	Iul	Nguyen Van Hung; Phan Thanh Kieu	On the existence and essential components of solution sets for systems of generalized quasi-variational relation problems	JOURNAL OF INEQUALITIES AND APPLICATIONS	1029-242X
96.	Balaj, Mircea; Luc, Dinh The, On mixed variational	2014	Ia	Yang, Zhe	Some new generalizations of	FIXED POINT THEORY AND	1687-

	relation problems, Comput. Math. Appl. 60, no. 9 (2010) 2712		n		nonempty intersection theorems without convexity assumptions and essential stability of their solution set with applications	APPLICATIONS	1812
97.	Balaj, Mircea; Luc, Dinh The, On mixed variational relation problems, Comput. Math. Appl. 60, no. 9 (2010) 2712	2014	In	Yang, Zhe	On existence and essential stability of solutions of symmetric variational relation problems	JOURNAL OF INEQUALITIES AND APPLICATIONS	1029-242X
98.	Balaj, Mircea; Luc, Dinh The, On mixed variational relation problems, Comput. Math. Appl. 60, no. 9 (2010) 2712	2014		Shi, Lefeng; Yang, Zhe	Stable Analysis of Solution Set for System of Quasivariational Relations with Applications	JOURNAL OF APPLIED MATHEMATICS	1110-757X
99.	Balaj, Mircea; Luc, Dinh The, On mixed variational relation problems, Comput. Math. Appl. 60, no. 9 (2010) 2712	2014		Lu, Haishu; Hu, Qingwen; Miao, Yulin	A Maximal Element Theorem in FWC-Spaces and Its Applications	SCIENTIFIC WORLD JOURNAL	1537-744X
100.	Balaj, Mircea; Lin, Lai-Jiu, Fixed points, coincidence points and maximal elements with applications to generalized equilibrium problems and minimax theory, Nonlinear Analysis Theory Methods and Appl. 70, no.1 (2009) 393-403	2014	Iul	Yang, Ming-ge; Huang, Nan-jing	Existence results for generalized vector equilibrium problems with applications	APPLIED MATHEMATICS AND MECHANICS	0253-4827
101.	Balaj, Mircea; Lin, Lai-Jiu, Fixed points, coincidence points and maximal elements with applications to generalized equilibrium problems and minimax theory, Nonlinear Analysis Theory Methods and Appl. 70, no.1 (2009) 393-403	2014	Feb.	Phan Quoc Khanh; Nguyen Hong Quan	A topological characterization of the existence of fixed points and applications	MATHEMATISCHE NACHRICHTEN	0025-584X
102.	Balaj, Mircea; Lin, Lai-Jiu, Fixed points, coincidence points and maximal elements with applications to generalized equilibrium problems and minimax theory, Nonlinear Analysis Theory Methods and Appl. 70, no.1 (2009) 393-403	2014		Lu, Haishu; Hu, Qingwen; Miao, Yulin	A Maximal Element Theorem in FWC-Spaces and Its Applications	SCIENTIFIC WORLD JOURNAL	1537-744X
103.	Balaj, Mircea; Lin, Lai-Jiu, Fixed points, coincidence points and maximal elements with applications to generalized equilibrium problems and minimax theory, Nonlinear Analysis Theory Methods and Appl. 70, no.1 (2009) 393-403	2013		Lu, Haishu; Hu, Qingwen	A Collectively Fixed Point Theorem in Abstract Convex Spaces and Its Applications	JOURNAL OF FUNCTION SPACES AND APPLICATIONS	0972-6802
104.	Agarwal, R. P.; Balaj, M.; O'Regan, D., A Unifying Approach to Variational Relation Problems, J. of Optimization Theory and	2014	Sep.	Yang, Zhe	On the existence and stability of solutions of a mixed general type of variational relation problems	JOURNAL OF INEQUALITIES AND APPLICATIONS	1029-242X

	Appl. 155, no.2 (2012) 417-429						
105.	Agarwal, R. P.; Balaj, M.; O'Regan, D., A Unifying Approach to Variational Relation Problems, J. of Optimization Theory and Appl. 155, no.2 (2012) 417-429	2014	Sep.	Yang, Zhe	Some generalizati-ons of common fixed point problems with applications	FIXED POINT THEORY AND APPLICATIONS	1687-1812
106.	Agarwal, R. P.; Balaj, M.; O'Regan, D., A Unifying Approach to Variational Relation Problems, J. of Optimization Theory and Appl. 155, no.2 (2012) 417-429	2014	Aug.	Dhara, Anulekha; Dinh The Luc	A solution method for linear variational relation problems	JOURNAL OF GLOBAL OPTIMIZATION	0925-5001
107.	Agarwal, R. P.; Balaj, M.; O'Regan, D., A Unifying Approach to Variational Relation Problems, J. of Optimization Theory and Appl. 155, no.2 (2012) 417-429	2014	Iul.	Nguyen Van Hung; Phan Thanh Kieu	On the existence and essential components of solution sets for systems of generalized quasi-variational relation problems	JOURNAL OF INEQUALITIES AND APPLICATIONS	1029-242X
108.	Agarwal, R. P.; Balaj, M.; O'Regan, D., A Unifying Approach to Variational Relation Problems, J. of Optimization Theory and Appl. 155, no.2 (2012) 417-429	2014	Ian	Yang, Zhe	On existence and essential stability of solutions of symmetric variational relation problems	JOURNAL OF INEQUALITIES AND APPLICATIONS	1029-242X
109.	Agarwal, R. P.; Balaj, M.; O'Regan, D., A Unifying Approach to Variational Relation Problems, J. of Optimization Theory and Appl. 155, no.2 (2012) 417-429	2014		Shi, Lefeng; Yang, Zhe	Stable Analysis of Solution Set for System of Quasivariational Relations with Applications	JOURNAL OF APPLIED MATHEMATICS	1110-757X
110.	M. Balaj, Coincidence and maximal element theorems and their applications to generalized equilibrium problems and minimax inequalities, Nonlinear Analysis Theory Methods and Appl. 68, no.12 (2008) 3962-3971	2014	Iul.	Yang, Ming-ge; Huang, Nan-jing	Existence results for generalized vector equilibrium problems with applications	APPLIED MATHEMATICS AND MECHANICS-ENGLISH EDITION	0253-4827
111.	M. Balaj, Coincidence and maximal element theorems and their applications to generalized equilibrium problems and minimax inequalities, Nonlinear Analysis Theory Methods and Appl. 68, no.12 (2008) 3962-3971	2014		Lu, Haishu; Hu, Qingwen; Miao, Yulin	A Maximal Element Theorem in FWC-Spaces and Its Applications	SCIENTIFIC WORLD JOURNAL	1537-744X
112.	M. Balaj, Weakly G-KKM mappings, G-KKM property, and minimax inequalities, J. of Math.Anal. and Appl. 294, no.1 (2004) 237-245	2014	Ian	Gordji, Madjid Eshaghi; Delavar, Mohsen Rostamian; Roohi, Mehdi	APPLICATIONS OF FAN'S MATCHING THEOREM IN MKKM SPACES	MATHEMATICAL INEQUALITIES & APPLICATIONS	1331-4343
113.	M. Balaj, Weakly G-KKM mappings, G-KKM property, and minimax inequalities, J. of Math.Anal. and Appl.	2014		Tang, Gusheng; Zhang, Qingbang	Class U-KKM(X,Y.Z), General KKM Type Theorems, and Their	ABSTRACT AND APPLIED ANALYSIS	1085-3375

	294, no.1 (2004) 237-245				Applications in Topological Vector Space		
114.	Balaj, M.; Lin, L. J., Existence Criteria for the Solutions of Two Types of Variational Relation Problems, J. of Otimization Theory and Appl. 156, no.2, (2013) 232-246	2014	Sep.	Yang, Zhe	On the existence and stability of solutions of a mixed general type of variational relation problems	JOURNAL OF INEQUALITIES AND APPLICATIONS	1029-242X
115.	Balaj, M.; Lin, L. J., Existence Criteria for the Solutions of Two Types of Variational Relation Problems, J. of Otimization Theory and Appl. 156, no.2, (2013) 232-246	2014	Feb.	Yang, Zhe	Some generalizations of common fixed point problems with applications	FIXED POINT THEORY AND APPLICATIONS	1687-1812
116.	Balaj, M.; Lin, L. J., Existence Criteria for the Solutions of Two Types of Variational Relation Problems, J. of Otimization Theory and Appl. 156, no.2, (2013) 232-246	2014	Iul.	Nguyen Van Hung; Phan Thanh Kieu	On the existence and essential components of solution sets for systems of generalized quasi-variational relation problems	JOURNAL OF INEQUALITIES AND APPLICATIONS	1029-242X
117.	Balaj, M.; Lin, L. J., Existence Criteria for the Solutions of Two Types of Variational Relation Problems, J. of Otimization Theory and Appl. 156, no.2, (2013) 232-246	2014	Ian.	Yang, Zhe	On existence and essential stability of solutions of symmetric variational relation problems	JOURNAL OF INEQUALITIES AND APPLICATIONS	1029-242X
118.	Balaj, M.; Lin, L. J., Existence Criteria for the Solutions of Two Types of Variational Relation Problems, J. of Otimization Theory and Appl. 156, no.2, (2013) 232-246	2014		Shi, Lefeng; Yang, Zhe	Stable Analysis of Solution Set for System of Quasivariational Relations with Applications	JOURNAL OF APPLIED MATHEMATICS	1110-757X
119.	M. Balaj, Two minimax inequalities in G-convex spaces, Appl. Math. Letters 19, no.3 (2006) 235-239	2014	Ian	Gordji, Madjid Eshaghi; Delavar, Mohsen Rostamian; Roohi, Mehdi	APPLICATIONS OF FAN'S MATCHING THEOREM IN MKKM SPACES	MATHEMATICAL INEQUALITIES & APPLICATIONS	1331-4343
120.	M. Balaj, A common fixed point theorem with applications to vector equilibrium problems, Appl. Math. Letters 23, no.3 (2010) 241-245	2014	Sep.	Yang, Zhe	Some generalizations of common fixed point problems with applications	FIXED POINT THEORY AND APPLICATIONS	1687-1812
121.	M. Balaj, A Fixed Point-Equilibrium Theorem with Applications, Bull. of the Belgian Math. Soc.-Simon Stevin, 17, no.5, Supplement S (2010) 919-928	2014	Aug.	Dhara, Anulekha; Dinh The Luc	A solution method for linear variational relation problems	JOURNAL OF GLOBAL OPTIMIZATION	0925-5001
122.	M. Balaj, A Fixed Point-Equilibrium Theorem with Applications, Bull. of the Belgian Math. Soc.-Simon Stevin, 17, no.5, Supplement S (2010) 919-928	2014		Latif, Abdul; Dinh The Luc	A General Fixed Point Theorem for Multivalued Mappings That Are Not Necessarily Contractions and Applications	ABSTRACT AND APPLIED ANALYSIS	1085-3375
123.	Agarwal, Ravi P.; Balaj, Mircea; O'Regan, Donal,	2014	Se	Yang, Zhe	Some generalizations of common fixed	FIXED POINT THEORY AND	1687-

	Common fixed point theorems and minimax inequalities in locally convex Hausdorff topological vector spaces, Applicable Analysis 81, no.12 (2009) 1691-1699 Article Number: PII 916952126		p.		point problems with applications	APPLICATIONS	1812
124.	Agarwal, R. P.; Balaj, M.; O'Regan, D., A Common Fixed Point Theorem with Applications, J. of Optimization Theory and Appl. 163, no.2 (2014) 482-490	2014	Sep	Yang, Zhe	Some generalizations of common fixed point problems with applications	FIXED POINT THEORY AND APPLICATIONS	1687-1812
125.	M. Balaj, A unified generalization of two Halpern's fixed point theorems and applications, Numer. Functional Anal. And Optimization 23 (2002) 105-111	2014	Sep.	Amiri, P.; Rezapour, Sh.; Shahzad, N.	Fixed points of generalized alpha-psi-contractions	REVISTA DE LA REAL ACADEMIA DE CIENCIAS EXACTAS FISICAS Y NATURALES SERIE A-MATEMATICAS	1578-7303
126.	M. Balaj, S.Muresan, Generalizations of the Fan-Browder fixed point theorem and minimax inequalities, Arch. Math. (Brno) 41, no.4 (2005) 399-407	2014		A Kılıçman, R Ahmad, M Rahaman	Existence Results for Strong Mixed Vector Equilibrium Problem for Multivalued Mappings	Abstract and Applied Analysis	1085-3375
127.	Oros, H.; Popescu, C., A Secure and Efficient Off-line Electronic Payment System for Wireless Networks, Int. J. of Computers Commun. and Control, 5, no. 4 (2010) 551-557	2014		Lian, Bin; Chen, Gongliang; Li, Jianhua	Provably secure E-cash system with practical and efficient complete tracing	Int. J. of Information Security 13 (2014) 271-289	
128.	Constantin Popescu, An Efficient ID-based Group Signature Scheme, Studia Univ. "Babeş-Bolyai" Informatica, No. 2, pp. 29-38, 2002	2014		K Ogawa, G Ohtake, A Fujii	Weakened anonymity of group signature and its application to subscription services	IEICE TRANSACTIONS on Fundamentals of Electronics, Communications and Computer Sciences, No.6 pp.1240-1258, 2014	
129.	Constantin Popescu, An Off-line Electronic Cash System with Revokable Anonymity, Proceedings of the 12th IEEE Mediterranean Electrotechnical Conference, Dubrovnik, Croatia, pp. 763-767, 2004	2014		CI Fan, WZ Sun, HT Hau	Date Attachable Offline Electronic Cash Scheme	The Scientific World Journal, Volume 2014 (2014), Article ID 216973.	
130.	C Popescu, A fair off-line electronic cash system based on elliptic curve discrete logarithm problem, Studies in Informatics and Control 14 (4), 291-298, 2005	2014	Febr.	BK Chaurasia, S Verma	Secure pay while on move toll collection using VANET	Computer Standards & Interfaces, Volume 36, Issue 2, February 2014, Pages 403–411	
131.	Bede, B. Gal, S.G., Generalizations of the differentiability of fuzzy-	2014		T Allahviranloo, Z Gouyandeh, A Armand	ON FUZZY SOLUTIONS FOR HEAT EQUATION BASED ON	Fuzzy Sets and Systems, 2014	0165-0114

	number-valued functions with applications to fuzzy differential equations, Fuzzy Sets and Systems, 2005				GENERALIZED HUKUHARA DIFFERENTIABILITY		
132.	Bede, B. Gal, S.G., Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets and Systems, 2005	2014		MB Ahmadi, NA Kiani, N Mikaeilvand	Laplace transform formula on fuzzy nth-order derivative and its application in fuzzy ordinary differential equations	Soft Computing, 2014	1432 - 7643
133.	Bede, B. Gal, S.G., Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets and Systems, 2005	2014		NA Gasilov, AG Fatullayev, ŞE Amrahov, A Khastan	A new approach to fuzzy initial value problem	Soft Computing, 2014	1432 - 7643
134.	Bede, B. Gal, S.G., Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets and Systems, 2005	2014		Y Chalco-Cano, WA Lodwick, W Condori-Equice	Ostrowski type inequalities and applications in numerical integration for interval-valued functions	Soft Computing, 2014	1432 - 7643
135.	Bede, B. Gal, S.G., Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets and Systems, 2005	2014		EJ Villamizar-Roa, V Angulo-Castillo	Existence of solutions to fuzzy differential equations with generalized Hukuhara derivative via contractive-like mapping principles	Fuzzy Sets and Systems, 2014	0165 - 0114
136.	Bede, B. Gal, S.G., Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets and Systems, 2005	2014		MT Malinowski, RP Agarwal	On solutions to set-valued and fuzzy stochastic differential equations	Journal of the Franklin Institute, 2014	
137.	Bede, B. Gal, S.G., Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets and Systems, 2005	2014		T Allahviranloo, M Chehlabi	Solving fuzzy differential equations based on the length function properties	Soft Computing, 2014	1432 - 7643
138.	Bede, B. Gal, S.G., Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets and Systems, 2005	2014		R Alikhani, F Bahrami, T Gnana Bhaskar	Existence and uniqueness results for fuzzy linear differential-algebraic equations	Fuzzy Sets and Systems, 2014	0165 - 0114
139.	Bede, B. Gal, S.G., Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets and Systems, 2005	2014		VM Cabral, LC Barros	FUZZY DIFFERENTIAL EQUATION WITH COMPLETELY CORRELATED PARAMETERS	Fuzzy Ses and Systems, 2014	0165 - 0114
140.	Bede, B. Gal, S.G., Generalizations of the differentiability of fuzzy-number-valued functions	2014		OS Fard, M Salehi	A survey on fuzzy fractional variational problems	Journal of Computational and Applied Mathematics, 2014	

	with applications to fuzzy differential equations, Fuzzy Sets and Systems, 2005						
141.	Bede, B. Gal, S.G., Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets and Systems, 2005	2014		M Kumar	Controllability of second-order semilinear fuzzy integrodifferential control systems with nonlocal initial conditions	Soft Computing, 2014	1432 - 7643
142.	Bede, B. Gal, S.G., Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets and Systems, 2005	2014		M Otadi, M Mosleh	APPROXIMATE SOLUTION OF FUZZY DIFFERENTIAL EQUATIONS UNDER GENERALIZED DIFFERENTIABILITY	Applied Mathematical Modelling, 2014	
143.	Bede, B. Gal, S.G., Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets and Systems, 2005	2014		C Vasavi, GS Kumar, MSN Murty	Generalized differentiability and integrability for fuzzy set-valued functions on time scales	Soft Computing, 2014	1432 - 7643
144.	Bede, B. Gal, S.G., Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets and Systems, 2005	2014		SS Behzadi	A new study on first-order fuzzy Fredholm–Volterra integro-differential equations by Jacobi polynomials and collocation methods	Soft Computing, 2014	1432 - 7643
145.	G.A. Anastassiou, S.G. Gal, Approximation theory: moduli of continuity and global smoothness preservation, Birkhauser – Boston, 2000	2014		V. Gupta	DIRECT ESTIMATES FOR A NEW GENERAL FAMILY OF DURRMEYER TYPE OPERATORS	Bollettino dell'Unione Matematica Italiana, 2014	
146.	G.A. Anastassiou, S.G. Gal, Approximation theory: moduli of continuity and global smoothness preservation, Birkhauser – Bostin, 2000	2014		C Bardaro, I Mantellini	On Mellin convolution operators: a direct approach to the asymptotic formulae	Integral Transforms and Special Functions, 2014	
147.	B. Bede, Gal, S.G., Almost periodic fuzzy-number-valued functions, Fuzzy Sets and Systems, 2004	2014		A Khastan, JJ Nieto, R Rodríguez-López	FUZZY DELAY DIFFERENTIAL EQUATIONS UNDER GENERALIZED DIFFERENTIABILITY	Information Science, 2014	
148.	B. Bede, Gal, S.G., Almost periodic fuzzy-number-valued functions, Fuzzy Sets and Systems, 2004	2014		VM Cabral, LC Barros	Fuzzy differential equation with completely correlated parameters	Fuzzy Sets and Systems, 2014	0165 - 0114
149.	B. Bede, Gal, S.G., Almost periodic fuzzy-number-valued functions, Fuzzy Sets and Systems, 2004	2014		E Yavuz, Ö Talo	Abel summability of sequences of fuzzy numbers	Soft Computing, 2014	1432 - 7643
150.	B. Bede, Gal, S.G., Almost periodic fuzzy-number-valued functions, Fuzzy Sets and Systems, 2004	2014		Ö Talo, C Çakan	TAUBERIAN THEOREMS FOR STATISTICALLY (C, 1)-CONVERGENT SEQUENCES OF FUZZY NUMBERS	Filomat, 2014	
151.	Gal, S.G., Approximation by	2014		NI Mahmudov	Approximation by q-	Applied	

	complex Bernstein and convolution type operators, World Scientific Pub Co Inc., 2009				Durrmeyer type polynomials in compact disks in the case q> 1	Mathematics and Computation, 2014	
152.	Gal, S.G., Approximation by complex Bernstein and convolution type operators, World Scientific Pub Co Inc., 2009	2014		V Gupta, D Soybaş	Approximation by complex genuine hybrid operators	Applied Mathematics and Computation, 2014	
153.	Gal, S.G., Approximation by complex Bernstein and convolution type operators, World Scientific Pub Co Inc., 2009	2014		NI Mahmudov, V Gupta	Approximation by complex q-Durrmeyer polynomials in compact disks	Acta Mathematicae Applicatae Sinica (English series,) 2014	
154.	Gal, S.G., Approximation by complex Bernstein and convolution type operators, World Scientific Pub Co Inc., 2009	2014		V Gupta, G Tachev	Approximation by linear combinations of complex Phillips operators in compact disks	Results in Mathematics, 2014	
155.	Gal, S.G., Approximation by complex Bernstein and convolution type operators, World Scientific Pub Co Inc., 2009	2014		S Sucu, E Ibikli	Approximation by Jakimovski–Leviatan type operators on a complex domain	Complex Analysis and Operator Theory, 2014	
156.	Gal, S.G., Approximation by complex Bernstein and convolution type operators, World Scientific Pub Co Inc., 2009	2014		S Sucu, E Ibikli	CHLODOVSKY TYPE OPERATORS ON PARABOLIC DOMAIN	Banach Journal of Mathematical Analysis, 2014	
157.	Gal, S.G., Fjelstad, P.,Two-dimensional geometries, topologies, trigonometries and physics generated by complex-type numbers, Advances in Applied Clifford Algebras, 2001	2014		M Fernández-Guasti, F Zaldívar	MULTIPLICATIVE REPRESENTATION OF A HYPERBOLIC NON DISTRIBUTIVE ALGEBRA	Advances in Applied Clifford Algebras, 2014	
158.	Gal, S.G., Fjelstad, P.,Two-dimensional geometries, topologies, trigonometries and physics generated by complex-type numbers, Advances in Applied Clifford Algebras, 2001	2014		R.G. Zaripov	Geometric Representation of the Entropy Group in Nonextensive Statistical Mechanics	Russian Physics Journal, 2014	
159.	S.G. Gal, Approximation by complex genuine Durrmeyer type polynomials in compact disks, Applied Mathematics and Computation, 2010	2014		N.I. Mahmudov	APPROXIMATION BY Q-DURRMEYER TYPE POLYNOMIALS IN COMPACT DISKS IN THE CASE Q> 1	Applied Mathematics and Computation, 2014	
160.	S.G. Gal, Approximation by complex genuine Durrmeyer type polynomials in compact disks, Applied Mathematics and Computation, 2010	2014		S Sucu, E Ibikli	Approximation by Jakimovski–Leviatan type operators on a complex domain	Complex Analysis and Operator Theory, 2014	
161.	S.G. Gal, Approximation by complex genuine Durrmeyer type polynomials in compact disks, Applied Mathematics and Computation, 2010	2014		N. Çetin, N İspir	Approximation Properties of Complex Modified Genuine Szász–Durrmeyer Operators	Computational Methods and Function Theory, 2014	
162.	S.G. Gal, Approximation in compact sets by q-Stancu–Faber polynomials, q> 1, Computers & Mathematics with Applications, 2011	2014		MA Sheshko, P Karczmarek, D Pylak	Application of Faber polynomials to the approximate solution of a generalized boundary value problem of linear	Computers and Mathematics with Applications, 2014	

					conjugation in the theory of analytic functions		
163.	A. M. Bica, C. Popescu, Numerical solutions of the nonlinear fuzzy Hammerstein-Volterra delay integral equations, Information Sciences, 233 (2013) 236-255	2014		F. Mirzaee, M. Paripour, M. Komak Yari	Application of hat functions to solve Linear Fredholm fuzzy integral equation of the second kind	J. of Intelligent & Fuzzy Syst. 27, no. 1 (2014) 211-220	
164.	A. M. Bica, One-sided fuzyy numbers and applications to integral equations from epidemiology, Fuzzy Sets & Systems, 219 (2013) 27-48	2014		F. Mirzaee, M. Paripour, M. Komak Yari	Application of hat functions to solve Linear Fredholm fuzzy integral equation of the second kind	J. of Intelligent & Fuzzy Syst. 27, no. 1 (2014) 211-220	
165.	A. M. Bica, Error estimation in the approximation of the solution of nonlinear fuzzy Fredholm integral equations, Information Sciences, 178, no. 5 (2008) 1279-1292	2014		T. Allahviranloo, Sh. S. Behzadi	The use of airfoil and Chebyshev polynomials methods for solving fuzzy Fredholm integro-differential equations with Cauchy kernel	Soft Computing 18, no. 10 (2014) 1885-1897	
166.	A. M. Bica, Algebraic structures for fuzzy numbers from categorial point of view, Soft Computing, 11 (2007) 1099-1105	2014		Dong Qiu, Chongxia Lu, Wei Zhang, Y. Lan	Algebraic properties and topological properties of the quotient space of fuzzy numbers based on Mares equivalence relation	Fuzzy Sets & Systems 245 (2014) 63-82	0165 - 0114
167.	A.M. Bica, Trapezoidal inequality for Lipschitzian vector-valued functions and an application, Analele Univ. Oradea, fasc. mat., vol.XIV, 2007, 101-121	2014		S.S. Dragomir	Some Lipschitz type inequalities for complex functions	Applied Math. & Computation 230 (2014) 516-529	
168.	A. M. Bica, Algebraic structures for fuzzy numbers from categorial point of view, Soft Computing, 11 (2007) 1099-1105	2014		M. Holcapek, M. Stepnicka	MI-algebras: A new framework for arithmetics of (extensional) fuzzy numbers	Fuzzy Sets & Systems 257 (2014) 102-131	0165 - 0114
169.	A. M. Bica, M. Curila, S. Curila, About a numerical method of successive interpolations for two-point boundary value problems with deviating argument, Applied Math. & Computation, 217 (2011) 7772-7789	2014		M.A.Z. Raja	Numerical treatment for boundary value problems of pantograph functional differential equation using computational intelligence algorithms	Applied Soft Computing 24 (2014) 806-821	
170.	A.I. Ban, A.A. Bica, Solving systems of equivalentions, J. of Applied Math. & Computing, vol.20, no.1-2, January 2006, 97-118	2014		D. Fechete, I. Fechete	Multivalued representation and new algebraic structures for fuzzy numbers	Carpathian J. Math. 30, no.2 (2014) 161-173	
171.	A. M. Bica, Algebraic structures for fuzzy numbers from categorial point of view, Soft Computing, 11 (2007) 1099-1105	2014		D. Fechete, I. Fechete	Multivalued representation and new algebraic structures for fuzzy numbers	Carpathian J. Math. 30, no.2 (2014) 161-173	
172.	A. M. Bica, One-sided fuzyy numbers and applications to integral equations from epidemiology, Fuzzy Sets &	2014		D. Fechete, I. Fechete	Multivalued representation and new algebraic structures for fuzzy	Carpathian J. Math. 30, no.2 (2014) 161-173	

	Systems, 219 (2013) 27-48				numbers		
173.	A. M. Bica, M. Curila, S. Curila, About a numerical method of successive interpolations for two-point boundary value problems with deviating argument, Applied Math. & Computation, 217 (2011) 7772-7789.	2015		R. Zhang, Y. Lin	A novel method for nonlinear boundary value problems	J. Comput. Appl. Math. 282 (2015) 77-82	
174.	A. M. Bica, Algebraic structures for fuzzy numbers from categorial point of view, Soft Computing, 11 (2007) 1099-1105	2015		M. Baghmisheh, R. Ezzati	Numerical solution of nonlinear fuzzy Frdholm integral equations of the second kind using hybrid of block-pulse functions and Taylor series	Advances in Difference Equations 2015:51, 1-15, DOI 10.1186/s13662-015-0389-7.	
175.	A. M. Bica, Error estimation in the approximation of the solution of nonlinear fuzzy Fredholm integral equations, Information Sciences, 178, no. 5 (2008) 1279-1292	2015		M. Baghmisheh, R. Ezzati	Numerical solution of nonlinear fuzzy Frdholm integral equations of the second kind using hybrid of block-pulse functions and Taylor series	Advances in Difference Equations 2015:51, 1-15, DOI 10.1186/s13662-015-0389-7.	
176.	A. M. Bica, C. Popescu, Numerical solutions of the nonlinear fuzzy Hammerstein-Volterra delay integral equations, Information Sciences, 233 (2013) 236-255	2015		M. Baghmisheh, R. Ezzati	Numerical solution of nonlinear fuzzy Frdholm integral equations of the second kind using hybrid of block-pulse functions and Taylor series	Advances in Difference Equations 2015:51, 1-15, DOI 10.1186/s13662-015-0389-7.	
177.	A. M. Bica, C. Popescu, Approximating the solution of nonlinear Hammerstein fuzzy integral equations, Fuzzy Sets & Systems, 245 (2014) 1-17.	2015		M. Baghmisheh, R. Ezzati	Numerical solution of nonlinear fuzzy Frdholm integral equations of the second kind using hybrid of block-pulse functions and Taylor series	Advances in Difference Equations 2015:51, 1-15, DOI 10.1186/s13662-015-0389-7.	
178.	A. M. Bica, Algebraic structures for fuzzy numbers from categorial point of view, Soft Computing, 11 (2007) 1099-1105	2015		M. Holcapek, M. Wrublova, M. Bacovsky	Quotient MI-groups	Fuzzy Sets and Systems 283 (2016) 1-25	0165 - 0114
179.	A. Bica, Categories and algebrical structures for real fuzzy numbers, P.U.M.A. Pure Math. And Appl., vol.13, no.1-2, (2003) 63-77	2015		M. Holcapek, M. Wrublova, M. Bacovsky	Quotient MI-groups	Fuzzy Sets and Systems 283 (2016) 1-25	0165 - 0114
180.	A. M. Bica, Algebraic structures for fuzzy numbers from categorial point of view, Soft	2015		F. Mokhtamejad, R. Ezzati	The numerical solution of nonlinear Hammerstein fuzzy	J. of Intelligent & Fuzzy Syst. 28, no.4 (2015) 1617-1626	

	Computing, 11 (2007) 1099-1105				integral equations by using fuzzy wavelet like operator		
181.	A. M. Bica, Error estimation in the approximation of the solution of nonlinear fuzzy Fredholm integral equations, Information Sciences, 178, no. 5 (2008) 1279-1292.	2015		F. Mokhtamejad, R. Ezzati	The numerical solution of nonlinear Hammerstein fuzzy integral equations by using fuzzy wavelet like operator	J. of Intelligent & Fuzzy Syst. 28, no.4 (2015) 1617-1626	
182.	A. M. Bica, C. Popescu, Numerical solutions of the nonlinear fuzzy Hammerstein-Volterra delay integral equations, Information Sciences, 233 (2013) 236-255	2015		F. Mokhtamejad, R. Ezzati	The numerical solution of nonlinear Hammerstein fuzzy integral equations by using fuzzy wavelet like operator	J. of Intelligent & Fuzzy Syst. 28, no.4 (2015) 1617-1626	
183.	A. M. Bica, Algebraic structures for fuzzy numbers from categorial point of view, Soft Computing, 11 (2007) 1099-1105	2015		S.M. Sadatrasoul, R. Ezzati	Iterative method for numerical solution of two-dimensional nonlinear fuzzy integral equations	Fuzzy Sets and Systems 280 (2015) 91-106.	0165 - 0114
184.	A. M. Bica, Error estimation in the approximation of the solution of nonlinear fuzzy Fredholm integral equations, Information Sciences, 178, no. 5 (2008) 1279-1292	2015		S.M. Sadatrasoul, R. Ezzati	Iterative method for numerical solution of two-dimensional nonlinear fuzzy integral equations	Fuzzy Sets and Systems 280 (2015) 91-106.	0165 - 0114
185.	A. M. Bica, C. Popescu, Numerical solutions of the nonlinear fuzzy Hammerstein-Volterra delay integral equations, Information Sciences, 233 (2013) 236-255	2015		S.M. Sadatrasoul, R. Ezzati	Iterative method for numerical solution of two-dimensional nonlinear fuzzy integral equations	Fuzzy Sets and Systems 280 (2015) 91-106.	0165 - 0114
186.	A. M. Bica, C. Popescu, Approximating the solution of nonlinear Hammerstein fuzzy integral equations, Fuzzy Sets & Systems, 245 (2014) 1-17	2015		S.M. Sadatrasoul, R. Ezzati	Iterative method for numerical solution of two-dimensional nonlinear fuzzy integral equations	Fuzzy Sets and Systems 280 (2015) 91-106.	0165 - 0114
187.	A. Bica, C. Iancu, A numerical method in terms of the third derivative for a delay integral equation from biomathematics, Journal of Inequalities in Pure & Applied Mathematics, vol.6, issue 2, article 42, pag. 1-18, 2005	2015		M. Mosleh, M. Otadi	Least squares approximation method for the solution of Hammerstein-Volterra delay integral equations	Appl. Math. Comput. 258 (2015) 105-110	

188.	A.M. Bica, Error estimation in the approximation of the solution of nonlinear fuzzy Fredholm integral equations, Information Sciences, 178, no. 5 (2008) 1279-1292	2015		F. Mokhtamejad, R. Ezzati	Existence and uniqueness of the solution of fuzzy-valued integral equations of mixed type	Iranian J of Fuzzy Syst. 12, no. 2 (2015) 87-94.	
189.	A.M. Bica, Error estimation in the approximation of the solution of nonlinear fuzzy Fredholm integral equations, Information Sciences, 178, no. 5 (2008) 1279-1292	2015		M. Otadi, M. Mosleh	Numerical solutions of fuzzy nonlinear integral equations of the second kind	Iranian J. of Fuzzy Systems 11, no. 1 (2014) 135-145	
190.	A.M. Bica, Error estimation in the approximation of the solution of nonlinear fuzzy Fredholm integral equations, Information Sciences, 178, no. 5 (2008) 1279-1292	2013		M. Zeinali, S.Shahmorad, K. Mirnia	Fuzzy integro-differential equations: discrete solution and error estimation	Iranian J. of Fuzzy Systems 10, no. 1 (2013) 107-122	
191.	A. Bica, S. Muresan, Periodic solutions for a delay integro-differential equation in biomathematics, RGMIA Research Report Collection, vol.6, no.4, 755-761, 2003	2015		A. Bellour, E. Ait Dads	Periodic solutions for nonlinear neutral delay integro-differential equations	Electronic J. of Differential Equations 2015 (2015) no. 100, 1-9	
192.	S. Muresan, A. Bica, Parameter dependence of the solution of a delay integro-differential equation arising in infectious diseases, Fixed Point Theory, vol. 6, No. 1, 2005, 79-89	2015		A. Bellour, E. Ait Dads	Periodic solutions for nonlinear neutral delay integro-differential equations	Electronic J. of Differential Equations 2015 (2015) no. 100, 1-9	
193.	A.M. Bica, S. Muresan, Smooth dependence by lag of the solution of a delay integro-differential equation from biomathematics, Commun. in Math. Anal., vol.1, no.1, 64-74, 2006	2015		A. Bellour, E. Ait Dads	Periodic solutions for nonlinear neutral delay integro-differential equations	Electronic J. of Differential Equations 2015 (2015) no. 100, 1-9	
194.	A. M. Bica, C. Popescu, Approximating the solution of nonlinear Hammerstein fuzzy integral equations, Fuzzy Sets & Systems, 245 (2014) 1-17	2015		F. Mokhtamejad, R. Ezzati	Existence and uniqueness of the solution of fuzzy-valued integral equations of mixed type	Iranian J of Fuzzy Syst. 12, no. 2 (2015) 87-94.	
195.	A.M. Bica, V.A. Caus, I. Fechete, S. Muresan, Application of the	2015		S.S. Dragomir	Reverses of Schwarz inequality in inner product	Mathematische Nachrichten, 288, no. 1	

	Cauchy-Buniakovski-Schwarz's inequality to an optimal property for cubic splines, J. of Computational Anal. & Appl. 9, no.1 (2007) 43-53				spaces with applications	(2015) 730-742	
196.	A.I. Ban, A.A. Bica, Solving systems of equivalentions, J. of Applied Math. & Computing, vol.20, no.1-2, January 2006, 97-118	2015		D. Fechete, I. Fechete	Quotient algebraic structures on the set of fuzzy numbers	Kybernetika 51, no. 2 (2015) 255-267	
197.	A. Bica, Categories and algebrical structures for real fuzzy numbers, P.U.M.A. Pure Math. And Appl., vol.13, no.1-2, 2003, 63-77	2015		D. Fechete, I. Fechete	Quotient algebraic structures on the set of fuzzy numbers	Kybernetika 51, no. 2 (2015) 255-267	
198.	A. M. Bica, One-sided fuzyy numbers and applications to integral equations from epidemiology, Fuzzy Sets & Systems, 219 (2013) 27-48	2015		D. Fechete, I. Fechete	Quotient algebraic structures on the set of fuzzy numbers	Kybernetika 51, no. 2 (2015) 255-267	
199.	A. M. Bica, Algebraic structures for fuzzy numbers from categorial point of view, Soft Computing, 11 (2007) 1099-1105	2015		D. Fechete, I. Fechete	Quotient algebraic structures on the set of fuzzy numbers	Kybernetika 51, no. 2 (2015) 255-267	
200.	A. M. Bica, M. Curila, S. Curila, About a numerical method of successive interpolations for two-point boundary value problems with deviating argument, Applied Math. & Computation, 217 (2011) 7772-7789	2015		S. Yu. Reutskiy	A new collocation method for approximate solution of the pantograph functional differential equations with proportional delay	Appl. Math. Comput. 266 (2015) 642-655.	
201.	A. M. Bica, The numerical method of successive interpolations for two-point boundary value problems with deviating argument, Comput. Math. Appl., 62 (2011) 3829-3843	2015		S. Yu. Reutskiy	A new collocation method for approximate solution of the pantograph functional differential equations with proportional delay	Appl. Math. Comput. 266 (2015) 642-655.	
202.	A.M. Bica, V. A. Caus, S. Muresan, Application of a trapezoid inequality to neutral Fredholm integro-differential equations in Banach spaces, J. of Inequalities in Pure and Appl. Math., vol. 7, issue	2015		R. Allahyari, R. Arab, A. Shole Haghighi	Existence of solutions for some classes of integro-differential equations via measure of noncompactness	Electronic J. of Qualitative Theory of Differential Equations, 41 (2015) 1-18	

	5, article 173, 2006, pp. 1-11						
203.	A. Alb Lupas, G.I. Oros, Gh. Oros, *On special strong differential subordinations using Salagean and Ruscheweyh operators*, J. of Computational Analysis and Applications, Vol. 14, No. 2, 2012, 266-270	2015		L. Andrei	Strong differential subordination results using a generalized Salagean operator and Ruscheweyh operator	J. COMPUTATIONAL ANALYSIS AND APPLICATIONS, VOL. 18, NO.6, 2015, 1042-1048	1521 - 1398
204.	A. Alb Lupas, *On special strong differential subordinations using a generalized Sal agean operator and Ruscheweyh derivative*, J. of Concrete and Applicable Mathematics, Vol. 10, No.'s 1-2, 2012, 17-23	2015		L. Andrei	Strong differential subordination results using a generalized Salagean operator and Ruscheweyh operator	J. COMPUTATIONAL ANALYSIS AND APPLICATIONS, VOL. 18, NO.6, 2015, 1042-1048	1521 - 1398
205.	A. Alb Lupas, *A note on strong differential subordinations using a generalized Salagean operator and Ruscheweyh operator*, Acta Universitatis Apulensis No. 34/2013, 105-114	2015		L. Andrei	Strong differential subordination results using a generalized Salagean operator and Ruscheweyh operator	J. COMPUTATIONAL ANALYSIS AND APPLICATIONS, VOL. 18, NO.6, 2015, 1042-1048	1521 - 1398
206.	A. Alb Lupas, *Certain strong differential superordinations using a generalized Salagean operator and Ruscheweyh operator*, Journal of Applied Functional Analysis, Vol. 7, No.'s 1-2, 2012, 62-68	2015		L. Andrei	Strong differential subordination results using a generalized Salagean operator and Ruscheweyh operator	J. COMPUTATIONAL ANALYSIS AND APPLICATIONS, VOL. 18, NO.6, 2015, 1042-1048	1521 - 1398
207.	A. Alb Lupas, *Certain strong differential subordinations using Salagean and Ruscheweyh operators*, Advances in Applied Mathematical Analysis, Vol. 6, Number 1 (2011), 27-34	2015		L. Andrei	Strong differential subordination results using a generalized Salagean operator and Ruscheweyh operator	J. COMPUTATIONAL ANALYSIS AND APPLICATIONS, VOL. 18, NO.6, 2015, 1042-1048	1521 - 1398
208.	A. Alb Lupas, *A note on strong differential subordinations using Salagean and Ruscheweyh operators*, Libertas Mathematica, tomus XXXI (2011), 15-21	2015		L. Andrei	Strong differential subordination results using a generalized Salagean operator and Ruscheweyh operator	J. COMPUTATIONAL ANALYSIS AND APPLICATIONS, VOL. 18, NO.6, 2015, 1042-1048	1521 - 1398
209.	A. Alb Lupas, *Certain strong differential superordinations using*	2015		L. Andrei	Strong differential subordination results using a	J. COMPUTATIONAL ANALYSIS AND APPLICATIONS,	1521 - 1398

	Salagean and Ruscheweyh operators, Acta Universitatis Apulensis No. 30/2012, 325-336				generalized Salagean operator and Ruscheweyh operator	VOL. 18, NO.6, 2015, 1042-1048	
210.	A. Alb Lupas, *A note on strong differential superordinations using Salagean and Ruscheweyh operators*, Journal of Applied Functional Analysis, Vol. 7, No.'s 1-2, 2012, 54-61	2015		L. Andrei	Strong differential subordination results using a generalized Salagean operator and Ruscheweyh operator	J. COMPUTATIONAL ANALYSIS AND APPLICATIONS, VOL. 18, NO.6, 2015, 1042-1048	1521 - 1398
211.	D.A. Alb Lupas, *Subordinations and Superordinations*, Lap Lambert Academic Publishing, 2011	2015		L. Andrei	Strong differential subordination results using a generalized Salagean operator and Ruscheweyh operator	J. COMPUTATIONAL ANALYSIS AND APPLICATIONS, VOL. 18, NO.6, 2015, 1042-1048	1521 - 1398
212.	A. Alb Lupas, *Certain differential subordinations using Salagean and Ruscheweyh operators*, Acta Universitatis Apulensis, No. 29/2012, 125-129	2015		L. Andrei	*On some differential sandwich theorems using a generalized Salagean operator and Ruscheweyh operator*	J. COMPUTATIONAL ANALYSIS AND APPLICATIONS, VOL. 18, NO.6, 2015, 1049-1056	1521 - 1398
213.	A. Alb Lupas, *A note on differential subordinations using Salagean and Ruscheweyh operators*, Romai Journal, vol. 6, nr. 1(2010), 1-4	2015		L. Andrei	*On some differential sandwich theorems using a generalized Salagean operator and Ruscheweyh operator*	J. COMPUTATIONAL ANALYSIS AND APPLICATIONS, VOL. 18, NO.6, 2015, 1049-1056	1521 - 1398
214.	A. Alb Lupas, *Certain differential superordinations using Salagean and Ruscheweyh operators*, Analele Universitatii din Oradea, Fascicola Matematica, Tom XVII, Issue no. 2, 2010, 209-216	2015		L. Andrei	*On some differential sandwich theorems using a generalized Salagean operator and Ruscheweyh operator*	J. COMPUTATIONAL ANALYSIS AND APPLICATIONS, VOL. 18, NO.6, 2015, 1049-1056	1521 - 1398
215.	A. Alb Lupas, *Certain differential subordinations using a generalized Salagean operator and Ruscheweyh operator I*, Journal of Mathematics and Applications, No. 33 (2010), 67-72	2015		L. Andrei	*On some differential sandwich theorems using a generalized Salagean operator and Ruscheweyh operator*	J. COMPUTATIONAL ANALYSIS AND APPLICATIONS, VOL. 18, NO.6, 2015, 1049-1056	1521 - 1398
216.	A. Alb Lupas, *Certain differential subordinations using a generalized Salagean*	2015		L. Andrei	*On some differential sandwich theorems using a generalized*	J. COMPUTATIONAL ANALYSIS AND APPLICATIONS, VOL. 18, NO.6,	1521 - 1398

	operator and Ruscheweyh operator II, Fractional Calculus and Applied Analysis, Vol 13, No. 4 (2010), 355-360				*Salagean operator and Ruscheweyh operator*	2015, 1049-1056	
217.	A. Alb Lupas, *Certain differential superordinations using a generalized Salagean and Ruscheweyh operators*, Acta Universitatis Apulensis nr. 25/2011, 31-40	2015		L. Andrei	*On some differential sandwich theorems using a generalized Salagean operator and Ruscheweyh operator*	J. COMPUTATIONAL ANALYSIS AND APPLICATIONS, VOL. 18, NO.6, 2015, 1049-1056	1521 - 1398
218.	A. Alb Lupas, G.I. Oros, Gh. Oros, On special strong differential subordinations using Salagean and Ruscheweyh operators, J. Comput. Anal. Appl., 14 (2012), No. 1, 266–270	2015		L. Andrei, M. Choban	Some strong differential subordinations using a differential operator	Carpathian J. Math. 31 (2015), No. 2, 143 – 156	1584 - 2851
219.	A. Alb Lupas, A note on strong differential subordinations using Salagean operator and Ruscheweyh derivative, J. Appl. Funct. Anal., 9 (2014), No. 1–2, 144–152	2015		L. Andrei, M. Choban	Some strong differential subordinations using a differential operator	Carpathian J. Math. 31 (2015), No. 2, 143 – 156	1584 - 2851
220.	A. Alb Lupas, On special strong differential subordinations using a generalized Salagean operator and Ruscheweyh derivative, J. Concr. Appl. Math., 10 (2012), No. 1–2, 17–23	2015		L. Andrei, M. Choban	Some strong differential subordinations using a differential operator	Carpathian J. Math. 31 (2015), No. 2, 143 – 156	1584 - 2851
221.	A. Alb Lupas, A note on special strong differential subordinations using a generalized Salagean operator and Ruscheweyh derivative, Anale Univ. Oradea, Fasc. Matematica, XIX (2012), No. 2, 5–15	2015		L. Andrei, M. Choban	Some strong differential subordinations using a differential operator	Carpathian J. Math. 31 (2015), No. 2, 143 – 156	1584 - 2851
222.	A. Alb Lupas, On special strong differential superordinations using a generalized Salagean operator and Ruscheweyh derivative, Cayley Journal Math., 1 (2012), No. 1, 11–27	2015		L. Andrei, M. Choban	Some strong differential subordinations using a differential operator	Carpathian J. Math. 31 (2015), No. 2, 143 – 156	1584 - 2851
223.	A. Alb Lupas, Subordinations and Superordinations, Lap Lambert Academic Publishing, 2011	2015		L. Andrei, M. Choban	Some strong differential subordinations using a differential operator	Carpathian J. Math. 31 (2015), No. 2, 143 – 156	1584 - 2851

224.	A. Alb Lupas, Certain differential subordinations using Sălăgean and Ruscheweyh operators, Acta Universitatis Apulensis, No. 29/2012, 125-129	2015		L. Andrei	On certain differential sandwich theorems involving a generalized Sălăgean operator and Ruscheweyh operator	Analele Univ. Ovidius Cosntanta, Vol. 23(1),2015, 37–51	1224 - 1784
225.	A. Alb Lupas, A note on differential subordinations using Sălăgean and Ruscheweyh operators, Romai Journal, vol. 6, nr. 1(2010), 1--4	2015		L. Andrei	On certain differential sandwich theorems involving a generalized Sălăgean operator and Ruscheweyh operator	Analele Univ. Ovidius Cosntanta, Vol. 23(1),2015, 37–51	1224 - 1784
226.	A. Alb Lupas, Certain differential superordinations using Sălăgean and Ruscheweyh operators, Analele Universităţii din Oradea, Fascicola Matematica, Tom XVII, Issue no. 2, 2010, 209-216	2015		L. Andrei	On certain differential sandwich theorems involving a generalized Sălăgean operator and Ruscheweyh operator	Analele Univ. Ovidius Cosntanta, Vol. 23(1),2015, 37–51	1224 - 1784
227.	A. Alb Lupas, Certain differential subordinations using a generalized Sălăgean operator and Ruscheweyh operator I, Journal of Mathematics and Applications, No. 33 (2010), 67-72	2015		L. Andrei	On certain differential sandwich theorems involving a generalized Sălăgean operator and Ruscheweyh operator	Analele Univ. Ovidius Cosntanta, Vol. 23(1),2015, 37–51	1224 - 1784
228.	A. Alb Lupas, Certain differential subordinations using a generalized Sălăgean operator and Ruscheweyh operator II, Fractional Calculus and Applied Analysis, Vol 13, No. 4 (2010), 355-360	2015		L. Andrei	On certain differential sandwich theorems involving a generalized Sălăgean operator and Ruscheweyh operator	Analele Univ. Ovidius Cosntanta, Vol. 23(1),2015, 37–51	1224 - 1784
229.	A. Alb Lupas, Certain differential superordinations using a generalized Sălăgean and Ruscheweyh operators, Acta Universitatis Apulensis nr. 25/2011, 31-40	2015		L. Andrei	On certain differential sandwich theorems involving a generalized Sălăgean operator and Ruscheweyh operator	Analele Univ. Ovidius Cosntanta, Vol. 23(1),2015, 37–51	1224 - 1784
230.	L. H. Popescu, Exponentialdichotomy roughness on Banach spaces, J. Math. Anal. Appl. 314 (2006),436-454	2015		L. Barreira, C. Valls	Nonuniform exponential stability and admissibility	Linear and MultilinearAlgebra 64 (3), pp. 440-465 (2015)	
231.	L. H. Popescu, Exponentialdichotomy roughness on Banach spaces,	2015		L. Barreira, C. Valls	Characterization of strong exponential dichotomies	Bulletin ofthe Brazilian Mathematical	

	J. Math. Anal. Appl. 314 (2006),436-454					Society 46 (1), 81-103	
232.	L. H. Popescu, Exponentialdichotomy roughness on Banach spaces, J. Math. Anal. Appl. 314 (2006),436-454	2015		L. Barreira, C. Valls	Exponential behavior in mean for cocycles	Stochastics and Dynamics 15 (3) 1550029 (2015)	
233.	L. H. Popescu, Exponentialdichotomy roughness on Banach spaces, J. Math. Anal. Appl. 314 (2006),436-454	2015		L. Barreira, C. Valls	On the robustness of exponential Dichotomy	Fixed Point Theory 16 (1), p. 31-46 (2015)	
234.	L. H. Popescu, Exponentialdichotomy roughness on Banach spaces, J. Math. Anal. Appl. 314 (2006),436-454	2015		L. Barreira, C. Valls	Robustness of noninvertible dichotomies	Journal of the Mathematical Society of Japan 67 (1) (2015)	
235.	L. H. Popescu, Exponentialdichotomy roughness on Banach spaces, J. Math. Anal. Appl. 314 (2006),436-454	2015		L. Barreira, C. Valls	Admissibility for exponential dichotomies in average	Stochastics and Dynamics 15 (4) 1550014 (2015)	
236.	B Bede, SG Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 2005	2015	1 2	Ho Vu; Le Si Dong	Initial value problem for second-order random fuzzy differential equations	ADVANCES IN DIFFERENCE EQUATIONS Article Number: 373	1687 - 1847
237.	B Bede, SG Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 2005	2015	1 2	Malinowski, Marek T	THE NARROWING SET-VALUED STOCHASTIC INTEGRAL EQUATIONS	DYNAMIC SYSTEMS AND APPLICATIONS Volume: 24 Issue: 4 Pages: 399-418	1056 - 2176
238.	B Bede, SG Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 2005	2015	1 2	Shen, Yonghong	On the Ulam stability of first order linear fuzzy differential equations under generalized differentiability	FUZZY SETS AND SYSTEMS Volume: 280 Pages: 27-57	0165 - 0114
239.	B Bede, SG Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 2005	2015	1 2	Van Hoa Ngo	Fuzzy fractional functional integral and differential equations	FUZZY SETS AND SYSTEMS Volume: 280 Pages: 58-90	0165 - 0114
240.	B Bede, SG Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 2005	2015	1 2	Li, Lifeng; Liu, Sanyang; Zhang, Jianke	On fuzzy generalized convex mappings and optimality conditions for fuzzy weakly univex mappings	FUZZY SETS AND SYSTEMS Volume: 280 Pages: 107-132	0165 - 0114
241.	B Bede, SG Gal, Generalizations of the differentiability of fuzzy-	2015	1 2	Gomes, Luciana T.; Barros, Laecio C	A note on the generalized difference and the	FUZZY SETS AND SYSTEMS Volume: 280 Pages: 142-145	0165 - 0114

	number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 2005				generalized differentiability		
242.	B Bede, SG Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 2005	2015	11	Khastan, A.; Rodriguez-Lopez, Rosana	On periodic solutions to first order linear fuzzy differential equations under differential inclusions' approach	INFORMATION SCIENCES Volume: 322 Pages: 31-50	0020-0255
243.	B Bede, SG Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 2005	2015	11	Shen, Yonghong	Hyers-Ulam-Rassias stability of first order linear partial fuzzy differential equations under generalized differentiability	ADVANCES IN DIFFERENCE EQUATIONS Article Number: 351	1687-1847
244.	B Bede, SG Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 2005	2015	11	Osuna-Gomez, R.; Chalco-Cano, Y.; Hernandez-Jimenez, B.; et al.	Optimality conditions for generalized differentiable interval-valued functions	INFORMATION SCIENCES Volume: 321 Pages: 136-146	0020-0255
245.	B Bede, SG Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 2005	2015	11	Chalco-Cano, Y.; Lodwick, W. A.; Condori-Equice, W	Ostrowski type inequalities and applications in numerical integration for interval-valued functions	SOFT COMPUTING Volume: 19 Issue: 11 Pages: 3293-3300	1432-7643
246.	B Bede, SG Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 2005	2015	10	Gasilov, N. A.; Amrahov, S. E.; Fatullayev, A. G.; et al.	Solution method for a boundary value problem with fuzzy forcing function	INFORMATION SCIENCES Volume: 317 Pages: 349-368	0020-0255
247.	B Bede, SG Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 2005	2015	10	Pan, Li-Xia	The numerical solution for the interval-valued differential equations	JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS Volume: 19 Issue: 4 Pages: 632-641	1521-1398
248.	B Bede, SG Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 2005	2015	08	Arana-Jimenez, M.; Rufian-Lizana, A.; Chalco-Cano, Y.; et al.	Generalized convexity in fuzzy vector optimization through a linear ordering	INFORMATION SCIENCES Volume: 312 Pages: 13-24	0020-0255
249.	B Bede, SG Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy	2015	08	Malinowski, Marek T.; Agarwal, Ravi P	On solutions to set-valued and fuzzy stochastic differential equations	J. of the FRANKLIN INSTITUTE-ENGINEERING AND APPLIED MATHEMATICS vol. 352 Issue: 8	0016-0032

	differential equations, Fuzzy Sets & Syst. 2005					SI Pages: 3014-3043	
250.	B Bede, SG Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 2005	2015	08	Zhang, Shuorui; Sun, Jitao	Stability of Fuzzy Differential Equations With the Second Type of Hukuhara Derivative	IEEE TRANSACTIONS ON FUZZY SYSTEMS Volume: 23 Issue: 4 Pages: 1323-1328	1063-6706
251.	B Bede, SG Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 2005	2015	08	Ngo Van Hoa	The initial value problem for interval-valued second-order differential equations under generalized H-differentiability	INFORMATION SCIENCES Volume: 311 Pages: 119-148	0020-0255
252.	B Bede, SG Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 2005	2015	08	By: Chalco-Cano, Y.; Silva, G. N.; Rufian-Lizana, A	On the Newton method for solving fuzzy optimization problems	FUZZY SETS AND SYSTEMS Volume: 272 Pages: 60-69	0165-0114
253.	B Bede, SG Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 2005	2015	08	Khodadadi, Ekhtiar; Karabacak, Mesut	Solving fuzzy fractional partial differential equations by fuzzy Laplace-Fourier transforms	JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS Volume: 19 Issue: 2 Pages: 260-271	1521-1398
254.	B Bede, SG Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 2005	2015	07	Rahman, Norazrizal Aswad Abdul; Ahmad, Muhammad Zaini	Applications of the Fuzzy Sumudu Transform for the Solution of First Order Fuzzy Differential Equations	ENTROPY Volume: 17 Issue: 7 Pages: 4582-4601	1099-4300
255.	B Bede, SG Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 2005	2015	07	Kumar, Mohit	Controllability of second-order semilinear fuzzy integrodifferential control systems with nonlocal initial conditions	SOFT COMPUTING Volume: 19 Issue: 7 Pages: 1829-1841	1432-7643
256.	B Bede, SG Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 2005	2015	06	Li, Lifeng; Liu, Sanyang; Zhang, Jianke	On interval-valued invex mappings and optimality conditions for interval-valued optimization problems	JOURNAL OF INEQUALITIES AND APPLICATIONS Article Number: 179	1029-242X
257.	B Bede, SG Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 2005	2015	06	Mosleh, Maryam; Otadi, Mahmood	Approximate solution of fuzzy differential equations under generalized differentiability	APPLIED MATHEMATICAL MODELLING Volume: 39 Issue: 10-11 Pages: 3003-3015	0307-904X

258.	B Bede, SG Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 2005	2015	05	Najariyan, Marzieh; Farahi, Mohamad Hadi	A new approach for solving a class of fuzzy optimal control systems under generalized Hukuhara differentiability	JOURNAL OF THE FRANKLIN INSTITUTE-ENGINEERING AND APPLIED MATHEMATICS Volume: 352 Issue: 5 Pages: 1836-1849	0016-0032
259.	B Bede, SG Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 2005	2015	04	Allahviranloo, Tofigh; Gouyandeh, Zienab; Armand, Atefeh; et al.	On fuzzy solutions for heat equation based on generalized Hukuhara differentiability	FUZZY SETS AND SYSTEMS Volume: 265 Pages: 1-23 Published: APR 15 2015	0165-0114
260.	B Bede, SG Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 2005	2015	04	Villamizar-Roa, Elder J.; Angulo-Castillo, Vladimir; Chalco-Cano, Yurilev	Existence of solutions to fuzzy differential equations with generalized Hukuhara derivative via contractive-like mapping principles	FUZZY SETS AND SYSTEMS Volume: 265 Pages: 24-38	0165-0114
261.	B Bede, SG Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 2005	2015	04	Malinowski, Marek T.	Random fuzzy fractional integral equations - theoretical foundations	FUZZY SETS AND SYSTEMS Volume: 265 Pages: 39-62	0165-0114
262.	B Bede, SG Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 2005	2015	04	Lupulescu, Vasile	Fractional calculus for interval-valued functions	FUZZY SETS AND SYSTEMS Volume: 265 Pages: 63-85	0165-0114
263.	B Bede, SG Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 2005	2015	04	Cabral, V. M.; Barros, L. C	Fuzzy differential equation with completely correlated parameters	FUZZY SETS AND SYSTEMS Volume: 265 Pages: 86-98	0165-0114
264.	B Bede, SG Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 2005	2015	03	Min, Chao; Huang, Nanjing; Liu, Zhibin; et al.	Existence of solutions for implicit fuzzy differential inclusions	APPLIED MATHEMATICS AND MECHANICS-ENGLISH EDITION Volume: 36 Issue: 3 Pages: 401-416	0253-4827
265.	B Bede, SG Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 2005	2015	02	Dosiyev, Adiguzel A.; Sadeghi, Hamid M. M	A fourth order accurate approximation of the first and pure second derivatives of the Laplace equation on a rectangle	ADVANCES IN DIFFERENCE EQUATIONS Article Number: 67	1687-1847
266.	B Bede, SG Gal, Generalizations of the	2015	02	Alikhani, Robab;	Global solutions of fuzzy integro-differential equations	INFORMATION SCIENCES Volume: 295 Pages: 600-608	0020-

	differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 2005			Bahrami, Fariba	under generalized differentiability by the method of upper and lower solutions		0255
267.	B Bede, SG Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 2005	2015	02	Salahshour, Soheil; Ahmadian, Ali; Senu, Norazak; et al.	On Analytical Solutions of the Fractional Differential Equation with Uncertainty: Application to the Basset Problem	ENTROPY Volume: 17 Issue: 2 Pages: 885-902	1099-4300
268.	B Bede, SG Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 2005	2015	02	Fard, Omid Solaymani; Bidgoli, Tayebeh A.	Calculus of fuzzy functions on time scales (I)	SOFT COMPUTING Volume: 19 Issue: 2 Pages: 293-305	1432-7643
269.	B Bede, SG Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 2005	2015	02	Allahviranloo, T.; Chehlabi, M.	Solving fuzzy differential equations based on the length function properties	SOFT COMPUTING Volume: 19 Issue: 2 Pages: 307-320	1432-7643
270.	B Bede, SG Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 2005	2015	02	Behzadi, Sh. S.	A new study on first-order fuzzy Fredholm-Volterra integro-differential equations by Jacobi polynomials and collocation methods	SOFT COMPUTING Volume: 19 Issue: 2 Pages: 421-429	1432-7643
271.	G.A. Anastassiou, S.G. Gal, Approximation theory: moduli of continuity and global smoothness preservation, Birkhauser – Boston, 2000	2015		V. Gupta	Direct estimates for a new general family of Durrmeyer type operators	Bollettino dell'Unione Matematica Italiana, Volume 7, Issue 4, pp 279-288	1972-6724
272.	G.A. Anastassiou, S.G. Gal, Approximation theory: moduli of continuity and global smoothness preservation, Birkhauser – Boston, 2000	2015	10	P.N. Agrawal	GBS operators of Bernstein–Schurer–Kantorovich type based on q-integers	Applied Mathematics and Computation, Volume 269, Pages 558–568	0096-3003
273.	G.A. Anastassiou, S.G. Gal, Approximation theory: moduli of continuity and global smoothness preservation, Birkhauser – Boston, 2000	2015	04	Z Chen, F Cao, J Hu	Approximation by network operators with logistic activation functions	Applied Mathematics and Computation, Volume 256, Pages 565–571	0096-3003
274.	S.G. Gal, Approximation theory in fuzzy setting, Chapman and Hall/CRC Press, 2000	2015		T Allahviranloo, M Chehlabi	Solving fuzzy differential equations based on the length function properties	Soft Computing, Volume 19, Issue 2, pp 307-320, 2015	1432-7643
275.	S.G. Gal, Approximation by complex Bernstein and convolution type operators, 2009 - World Scientific Pub Co Inc	2015		NI Mahmudov, M Kara	Approximation properties of weighted Kantorovich type operators in compact disks	Journal of Inequalities and Applications, (2015) :46	1029-242X

276.	P Fjelstad, SG Gal, Two-dimensional geometries, topologies, trigonometries and physics generated by complex-type numbers, Advances in Applied Clifford Algebras, 2001 – Springer	2015		NB Gürses, S Yüce	One-Parameter Planar Motions in Generalized Complex Number Plane	Advances in Applied Clifford Algebras, Volume 25, Issue 4, pp 889-903	0188 - 7009
277.	S.G. Gal, Voronovskaja's theorem and iterations for complex Bernstein polynomials in compact disks, Mediterranean Journal of Mathematics, 2008	2015		MY Ren, XM Zeng	Approximation by complex Stancu type Durrmeyer operators in compact disks	Journal of Computational Analysis & Applications, Volume: 18 Issue: 3 Pages: 440-453	1521 - 1398
278.	A.I. Ban, S.G. Gal, Defects of Properties in Mathematics: Quantitative Characterizations, 2002	2015	03	L Běhounek, U Bodenhofer, P Cintula	Graded dominance and related graded properties of fuzzy connectives	Fuzzy Sets and Systems 262 (2015) 78–101	0165 - 0114
279.	S.G. Gal, Approximation and geometric properties of complex Favard–Szász–Mirakjan operators in compact disks, Comput. Math. Appl. 2008	2015		N CETIN	Approximation by Complex Modified Szász-Mirakjan-Stancu Operators in Compact Disks	Filomat, Volume: 29 Issue: 5 Pages: 1007-1019	0354 - 5180
280.	A. I. Ban, B. Bede, Properties of the cross product of fuzzy numbers, Journal of Fuzzy Mathematics, vol. 14 (2006), pp. 513-531	2015		R. Jafari, W. Yu	Fuzzy control for uncertainty nonlinear systems with dual fuzzy equations	Journal of Intelligent & Fuzzy Systems vol. 29 no. 3, pp. 1229-1240	
281.	A. I. Ban, L. Coroianu, P. Grzegorzewski, Trapezoidal approximation and aggregation, Fuzzy Sets and Systems, vol. 177 (2011), pp. 45-59	2015		S. de la Rosa de Saa, M.A. Gil,G. Gonzalez-Rodriquez, M.T. Lopez	Fuzzy rating scale-based questionnaires and their statistical analysis	IEEE Transactions on Fuzzy Systems, vol. 23 (2015), pp. 111-126	
282.	A. I. Ban, Janusz Kacprzyk, Krassimir Atanassov, On de-I-fuzzification of intuitionistic fuzzy sets, Comptes Rendus de l'Academie Bulgare des Sciences, Tome 61, No. 12 (2008), 1535-1540	2015		K. Atanassov	Intuitionistic fuzzy logic as tools for evaluation of Data Mining processes	Knowledge-Based Systems, vol. 80 (2015), pp. 122-130	
283.	A. I. Ban, Intuitionistic Fuzzy Measures: Theory and Applications, Nova Science Publishers, New York, 2006	2015		G. Deng, Y. Jiang, J. Fu	Monotonic similarity measures between intuitonistic fuzzy sets and their relationship with entropy and inclusion measure	Information Sciences, vol. 316 (2015), pp. 348-369	
284.	A. I. Ban, L. Coroianu,	2015		Yiying Shi,	A possibility-based	Journal of	

	Simplifying the search for effective ranking of fuzzy numbers. IEEE Transactions on Fuzzy Systems, 23 (2015), 327-339			Xuehai Yuan	method for ranking fuzzy numbers and applications to decision making	Intelligent and Fuzzy Systems, 29 (2015), pp. 337-349	
285.	A. I. Ban, I. Fechete, Componentwise decomposition of some lattice-valued fuzzy integrals, Information Sciences, vol. 177, 1430-1440, 2007	2015		X. Zhang, Y. Zheng	Linguistic quantifiers modeled by interval-valued intuitionistic Sugeno integrals	Journal of Intelligent and Fuzzy Systems (ISI), vol. 29 (2015), no. 2, pp. 583-592	
286.	A. I. Ban, L. Coroianu, Nearest interval, triangular and trapezoidal approximation of a fuzzy number preserving ambiguity, International Journal of Approximate Reasoning, vol. 53 (2012), pp. 805-836	2015		Z. Tian, L.M. Jia, H.H. Dong	Fuzzy peak hour for urban road traffic network	Modern Physics Letters B, vol. 29 (2015), article no. 1550074	
287.	A. I. Ban, A.Brandas, L. Coroianu, C. Negrutiu, O. Nica, Approximations of fuzzy numbers by trapezoidal fuzzy numbers preserving the value and ambiguity, Computers and Mathematics with Applications, vol. 61 (2011), pp. 1379-1401	2015		Z. Tian, L.M. Jia, H.H. Dong	Fuzzy peak hour for urban road traffic network	Modern Physics Letters B, vol. 29 (2015), article no. 1550074	
288.	A. I. Ban, A.Brandas, L. Coroianu, C. Negrutiu, O. Nica, Approximations of fuzzy numbers by trapezoidal fuzzy numbers preserving the value and ambiguity, Computers and Mathematics with Applications, vol. 61 (2011), pp. 1379-1401	2015		G.X. Wang, J. Li, F. Yuan	Special fuzzy ellipsoid numbers and expressions of information	Journal of Intelligent & Fuzzy Systems (ISI), vol. 29 (2015), pp. 159-169	
289.	A. I. Ban, L. Coroianu, P. Grzegorzewski, Trapezoidal approximation and aggregation, Fuzzy Sets and Systems, vol. 177 (2011), pp. 45-59	2015		Eric Mwaikamboa, Abbas Rajabifardb, Martin Hagai	Modelling cost estimation for accessing spatial data using fuzzy logic and time-driven activity based costing in the context of an NSDI	Journal of Spatial Science (ISI), vol. 60 (2015), no. 1, pp.137-151	
290.	A. I. Ban, L. Coroianu, P. Grzegorzewski, Trapezoidal approximation and aggregation, Fuzzy Sets and Systems, vol. 177 (2011), pp. 45-59	2015		S.H. Liu, X.Z. Chen, T.A. Moughal, F.S. Yu	Fuzzy collaborative clustering-based ranking approach for complex objects	Mathematical Problems in Engineering (ISI), article no. 495829, (2015)	
291.	A. I. Ban, B. Bede, Power	2015		D. Fechete, I.	Quotient algebraic	Kybernetika (ISI),	

	series of fuzzy numbers with cross product and applications to fuzzy differential equations, Journal of Concrete and Applicable Mathematics, vol. 4 (2006), no. 2, pp. 125-152			Fechete	structures on the set of fuzzy numbers	vol. 51 (2015), no. 2, pp. 255-267	
292.	B. Bede, L. Coroianu, S. G. Gal, Approximation and shape preserving properties of the nonlinear Favard-Szasz-Mirakjan operator of max-product kind, Filomat, 24 Issue 3 (2010), No. 3, 55-72	2015		Maheshwari (Sharma), Prerna	On Modified Srivastava-Gupta Operators	FILOMAT Volume: 29 Issue: 6 Pages: 1173-1177	
293.	Balaj, M.; Lin, L. J. Generalized variational relation problems with applications. J. Optim. Theory Appl. 148 (2011), no. 1, 1—13	2015		Phan Quoc Khanh, Nguyen Hong Quan	Topologically-based characterizations of the existence of solutions of optimization-related problems	Mathematische Nachrichten 288 (2015), no. 17-18, 2057-2078	1522-2616
294.	Balaj, M.; Lin, L. J. Generalized variational relation problems with applications. J. Optim. Theory Appl. 148 (2011), no. 1, 1—13	2015		Yang, Zhe	Existence of solutions for a system of quasi-variational relation problems and some applications	Carpathian J. Math. 31 (2015), no. 1, 135--142	1584-2851
295.	Balaj, Mircea; Lin, Lai-Jiu. Equivalent forms of a generalized KKM theorem and their applications. Nonlinear Anal. 73 (2010), no. 3, 673—682	2015		Yang, Zhe	Existence of solutions for a system of quasi-variational relation problems and some applications	Carpathian J. Math. 31 (2015), no. 1, 135--142	1584-2851
296.	Balaj, Mircea; Lin, Lai-Jiu. Equivalent forms of a generalized KKM theorem and their applications. Nonlinear Anal. 73 (2010), no. 3, 673—682	2015		Lu, Haishu; Zhang, Jihui	W-GPH-KKM theorems in pseudo H-spaces and their applications	Fixed Point Theory 16 (2015), no. 1, 143—162	1583-5022
297.	Balaj, Mircea; Luc, Dinh The. On mixed variational relation problems.Comput. Math. Appl. 60 (2010), no. 9, 2712--2722	2015		Yang, Zhe	Existence of solutions for a system of quasi-variational relation problems and some applications	Carpathian J. Math. 31 (2015), no. 1, 135--142	1584-2851
298.	Lam Quoc Anh , Nguyen Van Hung	2015		Lam Quoc Anh , Nguyen Van Hung	The Existence and Stability of Solutions for Symmetric Generalized Quasi-variational Inclusion Problems	Filomat 29 (2015), no. 9, 2147–2165	0354-5180
299.	R. P. Agarwal, M. Balaj, D. O'Regan, A Unifying	2015		Yang, Zhe	Existence of solutions for a	Carpathian J. Math. 31 (2015),	1584-

	Approach to Variational Relation Problems. J. Optim. Theory Appl. 155 (2012), no. 2, 417—429				system of quasi-variational relation problems and some applications	no. 1, 135--142	2851
300.	R. P. Agarwal, M. Balaj, D. O'Regan, A Unifying Approach to Variational Relation Problems. J. Optim. Theory Appl. 155 (2012), no. 2, 417—429	2015		Darabi, M.; Zafarani, J.	Tykhonov Well-Posedness for Quasi-Equilibrium Problems	JOURNAL OF OPTIMIZATION THEORY AND APPLICATIONS Volume: 165 Issue: 2 Pages: 458-479	0022-3239
301.	R. P. Agarwal, M. Balaj, D. O'Regan, A Unifying Approach to Variational Relation Problems. J. Optim. Theory Appl. 155 (2012), no. 2, 417—429	2015		Zhao, Chunxiang; Hong, Shihuang; Li, Chunhong	Existence of extended Nash equilibriums of nonmonetized noncooperative games	Fixed Point Theory Appl. 2015, 2015:65	1687-1812
302.	M. Balaj, L. J. Lin, Fixed points, coincidence points and maximal elements with applications to generalized equilibrium problems and minimax theory, Nonlinear Analysis: Theory, Methods Applications **70** (2009), 393-403	2015		Zhang, Wei-bing; Shan, Shu-qiang; Huang, Nan-jing	Existence of solutions for generalized vector quasi-equilibrium problems in abstract convex spaces with applications	FIXED POINT THEORY AND APPLICATIONS Article Nr:29	1687-1812
303.	M. Balaj, Coincidence and maximal element theorems and their applications to generalized equilibrium problems and minimax inequalities, Nonlinear Anal: Theory, Methods Applications, 68 (2008), 3962-3971	2015		Lu, Haishu; Zhang, Jihui	W-GPH-KKM theorems in pseudo H-spaces and their applications	Fixed Point Theory 16 (2015), no. 1, 143—162	1583-5022
304.	M. Balaj, L.J. Lin, Existence criteria for the solutions of two types of variational relation problems. J. Optim. Theory Appl. 156 (2013), no. 2, 232--246. 712-2722	2015		Yang, Zhe	Existence of solutions for a system of quasi-variational relation problems and some applications	Carpathian J. Math. 31 (2015), no. 1, 135--142	1584-2851
305.	M. Balaj, L.J. Lin, Existence criteria for the solutions of two types of variational relation problems. J. Optim. Theory Appl. 156 (2013), no. 2, 232	2015		Lam Quoc Anh; Nguyen Van Hung	The Existence and Stability of Solutions for Symmetric Generalized Quasi-variational Inclusion Problems	FILOMAT Volume: 29 Issue: 9 Pages: 2147-2165	0354-5180
306.	M. Balaj, L.J. Lin, Existence criteria for the solutions of two types of variational relation problems. J. Optim.	2015		Darabi, M.; Zafarani, J	Tykhonov Well-Posedness for Quasi-Equilibrium Problems	JOURNAL OF OPTIMIZATION THEORY AND APPLICATIONS Vol. 165 Issue: 2 Pages: 458-	0022-3239

	Theory Appl. 156 (2013), no. 2, 232					479	
307.	Balaj, Mircea. An intersection theorem with applications in minimax theory and equilibrium problem. J. Math. Anal. Appl. 336 (2007), no. 1, 363—371	2015		Lu, Haishu; Zhang, Jihui	W-GPH-KKM theorems in pseudo H-spaces and their applications	Fixed Point Theory 16 (2015), no. 1, 143—162	1583 - 5022
308.	Bica, A. M., Curila, M., Curila, S., About a numerical method of successive interpolations for functional Hammerstein integral equations, Journal of Computational and Applied Mathematics 236, no. 7 (2012) 2005–2024	2015		H. Saberi Najafi, S. A. Edalatpanah, H. Aminikhah	An algorithmic approach for solution of nonlinear Fredholm-Hammerstein integral equations	Iranian J.of Science & Technology Transaction A-Science, 39A3 (2015) 399-406	1028 - 6276
309.	Bica A.M., Popescu C., Approximating the solution of nonlinear Hammerstein fuzzy integral equations, Fuzzy Sets. Syst. 245 (2014) 1-17.	2016		X. Sun, Z. Yang	A Mellin transform method for solving fuzzy differential equations	Advances in Difference Equations 2016, issue 1, article no. 296	1687 - 1839
310.	Bica A.M., Popescu C., Approximating the solution of nonlinear Hammerstein fuzzy integral equations, Fuzzy Sets. Syst. 245 (2014) 1-17.	2016		P.K. Sahu, S. Saha Ray	Comparison of accurate solutions of nonlinear Hammerstein fuzzy integral equations	Mathematical Communications 21, no. 2 (2016) 283-299	1331 - 0623
311.	A. M. Bica, C. Popescu, Numerical solutions of the nonlinear fuzzy Hammerstein-Volterra delay integral equations, Information Sciences, 233 (2013) 236-255	2016		P.K. Sahu, S. Saha Ray	Comparison of accurate solutions of nonlinear Hammerstein fuzzy integral equations	Mathematical Communications 21, no. 2 (2016) 283-299	1331 - 0623
312.	Bica A.M., Popescu C., Approximating the solution of nonlinear Hammerstein fuzzy integral equations, Fuzzy Sets. Syst. 245 (2014) 1-17.	2016		M. Baghmisheh, R.Ezzati	Error estimation and numerical solution of nonlinear fuzzy Fredholm integral equations of the second kind using triangular functions	J. of Intelligent & Fuzzy Syst. 30, no.2 (2016) 639-649	1064 - 1246
313.	A.M. Bica, Error estimation in the approximation of the solution of nonlinear fuzzy Fredholm integral equations, Information Sciences, 178, no. 5 (2008) 1279-1292.	2016		M. Baghmisheh, R.Ezzati	Error estimation and numerical solution of nonlinear fuzzy Fredholm integral equations of the second kind using triangular functions	J. of Intelligent & Fuzzy Syst. 30, no.2 (2016) 639-649	1064 - 1246
314.	A. M. Bica, Algebraic	2016		M. Baghmisheh,	Error estimation	J. of Intelligent &	1064

	structures for fuzzy numbers from categorial point of view, Soft Computing, 11 (2007) 1099-1105			R.Ezzati	and numerical solution of nonlinear fuzzy Fredholm integral equations of the second kind using triangular functions	Fuzzy Syst. 30, no.2 (2016) 639-649	-1246
315.	Numerical solutions of the nonlinear fuzzy Hammerstein-Volterra delay integral equations, Information Sciences, 233 (2013) 236-255	2016		G. Gumah, K. Moaddy, M. Al-Smadi, I. Hashim	Solutions to uncertain Volterra integral equations by fitted reproducing kernel Hilbert Space method	Journal of Function Spaces 2016, article no. 2920463	
316.	A. M. Bica, Algebraic structures for fuzzy numbers from categorial point of view, Soft Computing, 11 (2007) 1099-1105	2016		S.M. Sadatrasoul, R.Ezzati	Analysis of global solution of functional fuzzy integral equations using Krasnoselskii-Burton fixed point theorem	J. of Intelligent & Fuzzy Syst. 30, no. 4 (2016) 2203-2212	1064-1246
317.	A. M. Bica, V. A. Caus, I. Fechete, S. Muresan, Application of the Cauchy-Buniakovski-Schwarz's inequality to an optimal property for cubic splines, J. of Computational Anal. & Appl. 9, no.1 (2007) 43-53	2016		I. Komashynska, M. Al-Smadi, A. Ateiwi	An oscillation of the solution for a nonlinear second order stochastic differential equation	J. of Computational Analysis and Applications 20, no.5, (2016) 860-868	1521-1398
318.	A.M. Bica, Error estimation in the approximation of the solution of nonlinear fuzzy Fredholm integral equations, Information Sciences, 178, no. 5 (2008) 1279-1292	2016		M. Mosleh, M.Otadi	Existence of solution of nonlinear fuzzy Fredholm integro-differential equations	Fuzzy Information and Engineering 8 (2016) 17-30	1616-8658
319.	A. M. Bica, Algebraic structures for fuzzy numbers from categorial point of view, Soft Computing, 11 (2007) 1099-1105.	2016		M.Holcapek, M. Wrublova, M. Bacovsky	Quotient MI-groups, Fuzzy Sets and Systems 283 (2016) 1-25	Fuzzy Sets and Systems 283 (2016) 1-25	0165-0114
320.	A. Bica, Categories and algebrical structures for real fuzzy numbers, P.U.M.A. Pure Math. And Appl., vol.13, no.1-2, (2003) 63-77	2016		M.Holcapek, M. Wrublova, M. Bacovsky	Quotient MI-groups, Fuzzy Sets and Systems 283 (2016) 1-25	Fuzzy Sets and Systems 283 (2016) 1-25	0165-0114
321.	A. M. Bica, One-sided fuzyy numbers and applications to integral equations from epidemiology, Fuzzy Sets & Systems, 219 (2013)	2016		L. Coroianu	Necessary and sufficient conditions for the equality of the interactive and non-interactive sums of	Fuzzy Sets and Systems 283 (2016) 40-55	0165-0114

	27-48				two fuzzy numbers		
322.	A. M. Bica, Algebraic structures for fuzzy numbers from categorial point of view, Soft Computing, 11 (2007) 1099-1105	2016		S.M. Sadatrasoul, R.Ezzati	Numerical solution of two-dimensional nonlinear Hammerstein fuzzy integral equations based on optimal fuzzy quadrature formula, J. Comput. Appl. Math. 292 (2016) 430-446	J. Comput. Appl. Math. 292 (2016) 430-446	0377 - 0427
323.	A. M. Bica, C. Popescu, Approximating the solution of nonlinear Hammerstein fuzzy integral equations, Fuzzy Sets & Systems, 245 (2014) 1-17.	2016		S.M. Sadatrasoul, R.Ezzati	Numerical solution of two-dimensional nonlinear Hammerstein fuzzy integral equations based on optimal fuzzy quadrature formula, J. Comput. Appl. Math. 292 (2016) 430-446	J. Comput. Appl. Math. 292 (2016) 430-446	0377 - 0427
324.	A.M. Bica, Error estimation in the approximation of the solution of nonlinear fuzzy Fredholm integral equations, Information Sciences, 178, no. 5 (2008) 1279-1292	2016		S.M. Sadatrasoul, R.Ezzati	Numerical solution of two-dimensional nonlinear Hammerstein fuzzy integral equations based on optimal fuzzy quadrature formula, J. Comput. Appl. Math. 292 (2016) 430-446	J. Comput. Appl. Math. 292 (2016) 430-446	0377 - 0427
325.	A. M. Bica, The numerical method of successive interpolations for Fredholm functional integral equations, Numerical Algorithms, 58 (2011) 351-377.	2016		A. Bellour, D. Sbibih, A. Zidna	Two cubic spline methods for solving Fredholm integral equations	Applied Math. & Computation 276 (2016) 1-11	0096 - 3003
326.	A. M. Bica, One-sided fuzzy numbers and applications to integral equations from epidemiology, Fuzzy Sets & Systems, 219 (2013) 27-48.	2016		L. Coroianu, L. Stefanini	General approximation of fuzzy numbers by F-transform	Fuzzy Sets and Systems 288 (2016) 46-74	0165 - 0114
327.	A. M. Bica, Algebraic structures for fuzzy numbers from categorial point of view, Soft Computing, 11 (2007) 1099-1105.	2016		Y. Chai, D. Zhang	A representation of fuzzy numbers	Fuzzy Sets and Systems 295 (2016) 1-18	0165 - 0114

328.	A. Bica, Categories and algebrical structures for real fuzzy numbers, P.U.M.A. Pure Math. And Appl., vol.13, no.1-2, (2003) 63-77	2016		Y. Chai, D. Zhang	A representation of fuzzy numbers	Fuzzy Sets and Systems 295 (2016) 1-18	0165 - 0114
329.	A. M. Bica, Fitting data using optimal Hermite type cubic interpolating splines, Applied Mathematics Letters, 25, no.12 (2012) 2047-2051	2016		A. Lamnii, M. Lamnii, F. Oumellal	A new basis for osculatory interpolation problems and applications	Applied Math. & Computation 283 (2016) 355-368	0096 - 3003
330.	A.M. Bica, V. A. Caus, S. Muresan, Application of a trapezoid inequality to neutral Fredholm integro-differential equations in Banach spaces, J. of Inequalities in Pure and Appl. Math., vol. 7, issue 5, article 173, 2006, pp. 1-11.	2016		R. Allahyari, R. Arab, A. Shole Aghighi	Measures of noncompactness in a Sobolev space and integro-differential equations	Bulletin of the Australian Math. Society 94, no.3 (2016) 497-506	
331.	A. M. Bica, One-sided fuzzy numbers and applications to integral equations from epidemiology, Fuzzy Sets & Systems, 219 (2013) 27-48.	2016		V.Babenko	Numerical methods for solution of Volterra and Fredholm integral equations for functions with values in L-spaces	Applied Math. & Computation 291 (2016) 354-372	0096 - 3003
332.	A. M. Bica, Properties of the method of successive approximations for two-point boundary value problems, J. Nonlinear Evol. Equ. Appl., vol. 2011, 1–22.	2016		O. Bolojan, S. Muresan	Some rematks on the bilocal problem	Miskolc Mathematical Notes 17, no.1 (2016) 57-67	1787 - 2413
333.	D. Fechete, I. Fechete, Quotient algebraic structures on the set of fuzzy numbers, Kybernetika (ISI), vol. 51 (2015), no. 2, pp. 255-267	2016		A.M. Bica	The middle-parametric representation of fuzzy numbers and applications to fuzzy interpolation	International J. of Approximate Reasoning 68 (2016) 27-44	1873 - 4731
334.	D. Fechete, I. Fechete, Multivalued	2016		A.M. Bica	The middle-	International J. of Approximate	1873 -

	representation and new algebraic structures for fuzzy numbers, Carpathian J. Math. 30, no.2 (2014) 161-173				parametric representation of fuzzy numbers and applications to fuzzy interpolation	Reasoning 68 (2016) 27-44	4731
335.	A. I. Ban, B. Bede, Properties of the cross product of fuzzy numbers, Journal of Fuzzy Mathematics, vol. 14 (2006), pp. 513-531	2016		A.M. Bica	The middle-parametric representation of fuzzy numbers and applications to fuzzy interpolation	International J. of Approximate Reasoning 68 (2016) 27-44	1873 - 4731
336.	A.I. Ban, L. Coroianu, P. Grzegorzewski, Trapezoidal approximation and aggregation, Fuzzy Sets and Systems, vol. 177 (2011), pp. 45-59	2016		G.X. Wang, P. Shi, Y.Y. Xie, Y. Shi	Two-dimensional discrete fuzzy numbers and applications	Information Sciences, vol. 326 (2016) 258-269	
337.	A. I. Ban, Intuitionistic Fuzzy Measures: Theory and Applications, Nova Science Publishers, New York, 2006	2016		I. Beg, T. Rashid	Intuitionistic fuzzy similarity measure: Theory and Applications	Journal of Intelligent and Fuzzy Systems, vol. 30 (2016), pp. 1-9	
338.	A. I. Ban, Intuitionistic Fuzzy Measures: Theory and Applications, Nova Science Publishers, New York, 2006	2016		J. Ye	Similarity measures of intuitionistic fuzzy sets based on cosine function for the decision making of mechanical design schemes	Journal of Intelligent and Fuzzy Systems, vol. 30 (2016), pp. 151-158	
339.	A. I. Ban, Intuitionistic Fuzzy Measures: Theory and Applications, Nova Science Publishers, New York, 2006	2016		A. Bodaghi	Intuitionistic fuzzy stability of the generalized forms of cubic and quartic functional equations	Journal of Intelligent & Fuzzy Systems, vol. 30 (2016), pp. 2309-2317	
340.	B. Farhadinia, A. I. Ban, Developing new similarity measures of generalized intuitionistic fuzzy numbers and generalized interval-valued fuzzy numbers from similarity measures of generalized fuzzy numbers, Mathematical and Computer Modelling, vol. 57 (2013), pp. 812-825	2016		J. Qin, X. Liu, W. Pedrycz	Multi-attribute group decision making based on Choquet integral under interval-valued intuitionistic fuzzy environment	International Journal of Computational Intelligence Systems, vol. 9 (2016), pp. 133-152	
341.	H. M. Srivastava, J. K. Prajapat, Georgia Irina Oros, Roxana Șendruțiu, Geometric Properties of a Certain General Family of Integral Operators,	2016		M. K. Aouf, A. O. Mostafa, H. M. Zayed	Some Characterizations of Integral Operators Associated with Certain Classes	Complex Analysis and Operator Theory, 2016, Volume	

	Filomat 28:4 (2014), 745–754				of *p*-Valent Functions Defined by the Srivastava–Saigo–Owa Fractional Differintegral Operator	10, pp 1267-1275	
342.	H. M. Srivastava, J. K. Prajapat, Georgia Irina Oros, Roxana Șendruțiu, Geometric Properties of a Certain General Family of Integral Operators, Filomat 28:4 (2014), 745–754	2016		Makoto Abea , Gou Nakamurab	Strong Disk Property for Domains in Open Riemann Surfaces	Filomat 30:7 (2016), 1711–1716	
343.	Georgia Irina Oros, Gheorghe Oros, Daniel Breaz, Sufficient conditions for univalence of an integral operator, Journal of Inequalities and Applications,Volume 2008 (2008), Article ID 127645	2016		Adel A. Attiya	Non–linear operator and the sufficient conditions of univalence with applications	Journal of Mathematical Inequalities, Volume 10, Number 1 (2016), 53–61	
344.	A. Cătaş, On certain classes of p-valent functions defined by multiplier transformations, Proceedings Book of the International Symposium on Geometric Function Theory and Applications, August 20-24, 2007, TC Istanbul Kultur University, Turkey, 241-250	2016		LIANGPENG XIONG, XIAOLI LIU	Applications of extremal theorem to a class of p-valent analytic functions	International Journal of Analysis and Applications, Vol. 10, No. 1 (2016),1-8	
345.	A. Cătaş, On certain classes of p-valent functions defined by multiplier transformations, Proceedings Book of the International Symposium on Geometric Function Theory and Applications, August 20-24, 2007, TC Istanbul Kultur University, Turkey, 241-250	2016		Anessa Oshah and Maslina Darus	Some Properties of Subclass of p-Valent Functions Associated with Generalized Hypergeometric Functions	J. Comput. Theor. Nanosci. 13, 5432–5436 (2016)	
346.	Balaj, M: Alternative principles and their applications. J. Global Optim. 50 (2011), no. 3, 537—547	2016		Wang, Haijun	Generalized hierarchical minimax theorems for set-valued mappings	J. Inequal. Appl. 2016:103	1029-242X
347.	Agarwal, R. P.; Balaj,	2016		Huang,	A note on the paper	J. Optim. Theory	0022

	M.; O'Regan, D. A common fixed point theorem with applications. *J. Optim. Theory Appl.* **163** (2014), no. 2, 482—490			Hui; Zou, Jiangqian	"A common fixed point theorem with applications"	Appl. 168 (2016), no. 3, 1087—1090	- 3239
348.	Balaj, M. Lin L.J, Generalized variational relation problems with applications. *J. Optim. Theory Appl.* 148 (2011), no. 1, 1—13	2016		Yang, Zhe	Existence of solutions of generalized quasi-variational relation problems by the inductive relations and some applications	J. Syst. Sci. Complex. 29 (20 16), no. 1, 219—227	1009 - 6124
349.	Balaj, M. Lin L.J, Generalized variational relation problems with applications. *J. Optim. Theory Appl.* 148 (2011), no. 1, 1—13	2016		M. Fakhar, M. Lotfipour, J. Zafarani	Generalized vector quasiequilibrium problems and their well-posedness	*J. Nonlinear Convex Anal.* 17 (2016), no. 12, 2483-2500	1345 - 4773
350.	Balaj, Mircea; Luc, Dinh The. On mixed variational relation problems.*Comput. Math. Appl.* **60** (2010), no. 9, 2712--2722	2016		Yang, Zhe	Existence of solutions of generalized quasi-variational relation problems by the inductive relations and some applications	J. Syst. Sci. Complex. 29 (20 16), no. 1, 219—227	1009 - 6124
351.	Balaj, Mircea; Lin, Lai-Jiu. Equivalent forms of a generalized KKM theorem and their applications. *Nonlinear Anal.* **73** (2010), no. 3, 673—682	2016		Yang, Zhe	Existence of solutions of generalized quasi-variational relation problems by the inductive relations and some applications	J. Syst. Sci. Complex. 29 (20 16), no. 1, 219—227	1009 - 6124
352.	Balaj, Mircea; Lin, Lai-Jiu. Equivalent forms of a generalized KKM theorem and their applications. *Nonlinear Anal.* **73** (2010), no. 3, 673—682	2016		Chou, Chun-Yen; Naraghirad , Eskandar	On generalized vector variational-like inequalities without generalized monotonicity in topological vector spaces	*J. Nonlinear Convex Anal.* **17** (2016), no. 5, 907--919.	1345 - 4773
353.	R. P. Agarwal, M. Balaj, D. O'Regan, A Unifying Approach to Variational Relation Problems. *J. Optim. Theory Appl.* **155** (2012), no. 2, 417—429	2016		Darabi, M.; Zafarani, J.	M-well-posedness and B-well-posedness for vector quasi-equilibrium problems.	J. Nonlinear Convex Anal. **17** (2016), no. 8, 1607- 1625	1345 - 4773
354.	Balaj, Mircea, Three types of variational relation problems. Taiwanese J. Math. **17** (2013), no. 1, 47—61	2016		Darabi, M.; Zafarani, J.	M-well-posedness and B-well-posedness for vector quasi-equilibrium problems.	J. Nonlinear Convex Anal. **17** (2016), no. 8, 1607- 1625	1345 - 4773
355.	L. H. Popescu, Exponential dichotomy	2016		L. Barreira, C. Valls,	Robustness for Stable Impulsive	Milan Journal of Mathematics, 8	

	roughness on Banach spaces, J. Math. Anal. Appl. 314 (2006), 436-454				Equations via Quadratic Lyapunov Functions	4 (1), pp. 63-89 (2016)	
356.	L. H. Popescu, Exponential dichotomy roughness on Banach spaces, J. Math. Anal. Appl. 314 (2006), 436	2016		D. Dragicevic, C. Preda,	Lyapunov theorems for exponential dichotomies in Hilbert spaces	International Journal of Mathematics, Volume 27, Issue 4 (2016)	
357.	L. H. Popescu, Exponential dichotomy roughness on Banach spaces, J. Math. Anal. Appl. 314 (2006), 436	2016		L. Barreira, C. Dragicevic, C. Valls	Fredholm operators and nonuniform exponential dichotomies	Chaos, Solitons and Fractals, Volume 85, p. 120-127 (2016)	
358.	L. H. Popescu, Exponential dichotomy roughness on Banach spaces, J. Math. Anal. Appl. 314 (2006), 436	2016		L. Barreira, C. Valls	Nonuniform exponential stability and admissibility	Linear and Multilinear Algebra, Volume 64, Issue 3, p. 440-465 (2016)	
359.	L. H. Popescu, Exponential dichotomy roughness on Banach spaces, J. Math. Anal. Appl. 314 (2006), 436	2016		A. Ducrot, P. Magal, O. Seydi	Persistence of Exponential Trichotomy for Linear Operators: A Lyapunov–Perron Approach	Journal of Dyn. and Differ. Equations, Vol. 28, Issue 1, p. 93-126 (2016)	
360.	L. H. Popescu, Exponential dichotomy roughness on Banach spaces, J. Math. Anal. Appl. 314 (2006), 436	2016		L. Barreira, C. Valls	On the robustness of nonuniform exponential trichotomies	Bulletin des Sciences Math. Volume 140, Issue 1, p. 82-91 (2016)	
361.	Jaume Llibre, Daniel Pasca, Claudia Valls - Periodic solutions of a galactic potential, Chaos, Solitons and Fractals, vol. 61 (2014) 38-43	2016		A.A. Elmandouh	On the dynamics of Armbruster Guckenheimer Kim galactic potential in a rotating reference frame	Astrophys Space Sci., vol. 361, nr. 6 (2016) art. nr. 182, 1-12	
362.	Jaume Llibre, Daniel Pasca, Claudia Valls - Qualitative study of a charged restricted three-body problem, Journal of Differential Equations, vol. 255, nr. 3 (2013) 326-338	2016		Alberto Castro Ortega, Manuel Falconi	Schubart Solutions in the Charged Collinear Three--Body Problem	Journal of Dynamics and Differential Equations, vol. 28, nr. 2 (2016) 519-532	
363.	Mihail Barbosu, Vasile Mioc, Daniel Pasca, Ferenc Szenkovits - The two-body problem with generalized Lennard-Jones potential, Journal of Math. Chem. vol. 49, nr. 9 (2011) 1961-1975	2016		D. Pricopi, E. Popescu	Phase-space structure of the Buckingham's two-body problem	Astrophysics and Space Science, vol. 361, nr. 6 (2016) art. nr. 190	
364.	D. Motreanu, V.V. Motreanu, D. Pasca - A	2016		Jongrak Lee and Yun-Ho Kim	Multiplicity results for nonlinear	Boundary Value Problems 2016:95	

	Version of Zhong's Coercivity Result for a General Class of Nonsmooth Functionals, Abstract and Applied Analysis, vol. 7, nr. 11 (2002) 601-612				Neumann boundary value problems involving p-Laplace type operators	(2016)	
365.	A. I. Ban, A. Brandas, L. Coroianu, O. Nica. C. Negrutiu, Approximations of fuzzy numbers by trapezoidal fuzzy numbers preserving the ambiguity and value, Computers and Mathematics with Applications, 161 (2011) 1379-1401	2016		Vercher, Enriqueta; Bermudez, Jose D.	A Possibilistic Mean-Downside Risk-Skewness Model for Efficient Portfolio Selection	IEEE TRANSACTIONS ON FUZZY SYSTEMS Volume: 21 Issue: 3 Special Issue: SI Pages: 585-595	
366.	A. I. Ban, A. Brandas, L. Coroianu, O. Nica. C. Negrutiu, Approximations of fuzzy numbers by trapezoidal fuzzy numbers preserving the ambiguity and value, Computers and Mathematics with Applications, 161 (2011) 1379-1401	2016		Wang, Guixiang; Shi, Peng; Agarwal, Ramesh K.; et al.	On fuzzy ellipsoid numbers and membership functions	JOURNAL OF INTELLIGENT & FUZZY SYSTEMS Volume: 31 Issue: 1 Pages: 391-403	
367.	A. I. Ban, L. Coroianu, Nearest interval, triangular and trapezoidal approximation of fuzzy number preserving ambiguity, International Journal of Approximate Reasoning, 5 (2012), 805	2016		Roldan Lopez de Hierro, Antonio Francisco; Martinez-Moreno, Juan; Aguilar-Pena, Concepcion; et al.	Estimation of a Fuzzy Regression Model Using Fuzzy Distances	IEEE TRANSACTIONS ON FUZZY SYSTEMS Volume: 24 Issue: 2 Pages: 344-359	
368.	A. I. Ban, L. Coroianu, Nearest interval, triangular and trapezoidal approximation of fuzzy number preserving ambiguity, International Journal of Approximate Reasoning, 5 (2012), 805	2016		Oh, Sung-Kwun; Kim, Wook-Dong; Pedrycz, Witold	Design of radial basis function neural network classifier realized with the aid of data preprocessing techniques: design and analysis	INTERNATIONAL JOURNAL OF GENERAL SYSTEMS Volume: 45 Issue: 4 Pages: 434-454	
369.	A. I. Ban, L. Coroianu, Nearest interval, triangular and trapezoidal approximation of fuzzy number preserving ambiguity, International Journal of Approximate Reasoning, 5 (2012), 805	2016		Aguilar-Pena, Concepcion; Roldan-Lopez de Hierro, Antonio-Francisco; Roldan-Lopez de Hierro, Concepcion; et al.	A family of fuzzy distance measures of fuzzy numbers	SOFT COMPUTING Volume: 20 Issue: 1 Special Issue: SI Pages: 237-250	
370.	A. I. Ban, L. Coroianu, P. Grzegorzewski, Trapezoidal approximation and	2016		Asuncion Lubiano, Maria; de la Rosa de Saa, Sara;	Descriptive analysis of responses to items in questionnaires.	INFORMATION SCIENCES Volume: 360 Pages: 131-148	

	aggregation, Fuzzy Sets and Systems, 177 (2011) 45-59			Montenegro, Manuel; et al	Why not using a fuzzy rating scale?		
371.	A. I. Ban, L. Coroianu, P. Grzegorzewski, Trapezoidal approximation and aggregation, Fuzzy Sets and Systems, 177 (2011) 45	2016		Sinova, Beatriz; Angeles Gil, Maria; Van Aelst, Stefan	M-Estimates of Location for the Robust Central Tendency of Fuzzy Data	IEEE TRANSACTIONS ON FUZZY SYSTEMS Vol 24, no. 4, 945-956	
372.	A. I. Ban, L. Coroianu, P. Grzegorzewski, Trapezoidal approximation and aggregation, Fuzzy Sets and Systems, 177 (2011) 45	2016		Asuncion Lubiano, Maria; Montenegro, Manuel; Sinova, Beatriz; et al.	Hypothesis testing for means in connection with fuzzy rating scale-based data: algorithms and applications	EUROPEAN JOURNAL OF OPERATIONAL RESEARCH Volume: 251 Issue: 3 Pages: 918-929	
373.	L. Coroianu, Lipschitz functions and fuzzy number approximations, Fuzzy Sets and Systems, 200 (2012), 116-135	2016		Wang, Guixiang; Shi, Peng; Agarwal, Ramesh K.; et al.	On fuzzy ellipsoid numbers and membership functions	JOURNAL OF INTELLIGENT & FUZZY SYSTEMS Volume: 31 Issue: 1 Pages: 391-403	
374.	L. Coroianu, Lipschitz functions and fuzzy number approximations, Fuzzy Sets and Systems, 200 (2012), 116-135	2016		Sadatrasoul, S. M.; Ezzati R.	Numerical solution of two-dimensional nonlinear Hammerstein fuzzy integral equations based on optimal fuzzy quadrature formula	JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS Volume: 292 Pages: 430-446	
375.	L. Coroianu, M. Gagolewski, P. Grzegorzewski, Nearest piecewise approximation of fuzzy numbers, Fuzzy Sets and Systems, 233 (2013) 26-51	2016		Wanke, Peter; Barros, C. P.; Emrouznejad, Ali	Assessing productive efficiency of banks using integrated Fuzzy-DEA and bootstrapping: A case of Mozambican banks	EUROPEAN JOURNAL OF OPERATIONAL RESEARCH Volume: 249 Issue: 1 Pages: 378-389	
376.	L. Coroianu, M. Gagolewski, P. Grzegorzewski, Nearest piecewise approximation of fuzzy numbers, Fuzzy Sets and Systems, 233 (2013) 26-51	2016		Wang, Guixiang; Shi, Peng; Agarwal, Ramesh K.; et al.	On fuzzy ellipsoid numbers and membership functions	JOURNAL OF INTELLIGENT & FUZZY SYSTEMS Volume: 31 Issue: 1 Pages: 391-403	
377.	B. Bede, L. Coroianu, S. G. Gal, Approximation and shape preserving properties of the nonlinear Meyer-Konig and Zeller operator of max-product kind, Numerical Functional Analysis and Optimization, 31 (2010) Issue 3, 232-253	2016		Gungor, Sule Yuksel; Ispir, Nurhayat	Quantitative Estimates for Generalized Szasz Operators of Max-Product Kind	RESULTS IN MATHEMATICS Volume: 70 Issue: 3-4 Pages: 447-456	
378.	B. Bede, L. Coroianu, S. G. Gal, Approximation	2016		Gungor, Sule Yuksel; Ispir,	Quantitative Estimates for	RESULTS IN MATHEMATICS	

	and shape preserving properties of the nonlinear Favard-Szasz-Mirakjan operator of max-product kind, Filomat, 24 Issue 3 (2010), No. 3, 55-72			Nurhayat	Generalized Szasz Operators of Max-Product Kind	Volume: 70 Issue: 3-4 Pages: 447-456	
379.	A. I. Ban, L. Coroianu, Simplifying the search for effective ranking of fuzzy numbers, IEEE Transactions on Fuzzy Systems, 23 (2015) 327-339.	2016		Liu, Jing; Chen, Yizeng; Zhou, Jian; et al.	An Exact Expected Value-Based Method to Prioritize Engineering Characteristics in Fuzzy Quality Function Deployment	INTERNATIONAL JOURNAL OF FUZZY SYSTEMS Volume: 18 Issue: 4 Pages: 630-646	
380.	A. I. Ban, L. Coroianu, Simplifying the search for effective ranking of fuzzy numbers, IEEE Transactions on Fuzzy Systems, 23 (2015) 327-339.	2016		Ban, Olimpia-Iuliana; Tara, Ioan Gheorghe; Bogdan, Victoria; et al.	EVALUATION OF HOTEL QUALITY ATTRIBUTE IMPORTANCE THROUGH FUZZY CORRELATION COEFFICIENT	TECHNOLOGICAL AND ECONOMIC DEVELOPMENT OF ECONOMY Volume: 22 Issue: 4 Pages: 471-492	
381.	A.I. Ban, L. Coroianu, Existence, uniqueness and continuity of trapezoidal approximations of fuzzy numbers under a general condition, Fuzzy Sets and Systems, 257 (2014), 3-22	2016		De, Sujit Kumar; Beg, Ismat	Triangular dense fuzzy sets and new defuzzification methods	JOURNAL OF INTELLIGENT & FUZZY SYSTEMS Volume: 31 Issue: 1 Pages: 469-477	
382.	L. Coroianu, S. G. Gal, Classes of functions with improved estimates in approximation by the max-product Bernstein operators, Analysis and Applications, 9 (2011) Issue 3, 249-274	2016		Gungor, Sule Yuksel; Ispir, Nurhayat	Quantitative Estimates for Generalized Szasz Operators of Max-Product Kind	RESULTS IN MATHEMATICS Volume: 70 Issue: 3-4 Pages: 447-456	
383.	G.A. Anastassiou, L. Coroianu, S.G. Gal, Approximation by a nonlinear Cardaliaguet-Euvrard neural network operator of max-product kind, Journal of Computational Analysis and Applications, 12 (2010) Issue 2, 396-406	2016		Costarelli, Danilo; Vinti, Gianluca	Pointwise and uniform approximation by multivariate neural network operators of the max-product type	NEURAL NETWORKS Volume: 81 Pages: 81-90	
384.	G.A. Anastassiou, L. Coroianu, S.G. Gal, Approximation by a nonlinear Cardaliaguet-Euvrard neural network operator of max-product	2016		Costarelli, Danilo; Vinti, Gianluca	Max-product neural network and quasi-interpolation operators activated by sigmoidal functions	JOURNAL OF APPROXIMATION THEORY Volume: 209 Pages: 1-22	

	kind, Journal of Computational Analysis and Applications, 12 (2010) Issue 2, 396-406						
385.	G.A. Anastassiou, L. Coroianu, S.G. Gal, Approximation by a nonlinear Cardaliaguet-Euvrard neural network operator of max-product kind, Journal of Computational Analysis and Applications, 12 (2010) Issue 2, 396-406	2016		Costarelli, Danilo; Vinti, Gianluca	Approximation by Max-Product Neural Network Operators of Kantorovich Type	RESULTS IN MATHEMATICS Volume: 69 Issue: 3-4 Pages: 505-519	
386.	L. Coroianu, S.G. Gal, Saturation and inverse results for the Bernstein max-product operator, Periodica Mathematica Hungarica, 69 (2014) Issue 2, 126-133	2016		Costarelli, Danilo; Vinti, Gianluca	Pointwise and uniform approximation by multivariate neural network operators of the max-product type	NEURAL NETWORKS Volume: 81 Pages: 81-90	
387.	L. Coroianu, S.G. Gal, Saturation and inverse results for the Bernstein max-product operator, Periodica Mathematica Hungarica, 69 (2014) Issue 2, 126-133	2016		Costarelli, Danilo; Vinti, Gianluca	Max-product neural network and quasi-interpolation operators activated by sigmoidal functions	JOURNAL OF APPROXIMATION THEORY Volume: 209 Pages: 1-22	
388.	L. Coroianu, S.G. Gal, Saturation and inverse results for the Bernstein max-product operator, Periodica Mathematica Hungarica, 69 (2014) Issue 2, 126-133	2016		Costarelli, Danilo; Vinti, Gianluca	Approximation by Max-Product Neural Network Operators of Kantorovich Type	RESULTS IN MATHEMATICS Volume: 69 Issue: 3-4 Pages: 505-519	
389.	A.I. Ban, L. Coroianu, A. Khastan, Conditioned weighted L-R approximations of fuzzy numbers, Fuzzy Sets and Systems, 283 (2016), 56-82.	2016		Sun, Can; Bie, Zhaohong; Xie, Min; et al.	Fuzzy copula model for wind speed correlation and its application in wind curtailment evaluation	RENEWABLE ENERGY Volume: 93 Pages: 68-76	
390.	B. Bede, L. Coroianu, S. G. Gal, Approximation and shape preserving properties of the Bernstein operator of max-product kind, Intern. J. Math. Math. Sci., vol 2009, Article ID 590589, 26 pages, 2009	2016		Gungor, Sule Yuksel; Ispir, Nurhayat	Quantitative Estimates for Generalized Szasz Operators of Max-Product Kind	RESULTS IN MATHEMATICS Volume: 70 Issue: 3-4 Pages: 447-456	
391.	B. Bede, L. Coroianu, S. G. Gal, Approximation and shape preserving properties of the nonlinear Baskakov operator of max-product kind, Studia Univ. Babes-Boliay,	2016		Gungor, Sule Yuksel; Ispir, Nurhayat	Quantitative Estimates for Generalized Szasz Operators of Max-Product Kind	RESULTS IN MATHEMATICS Volume: 70 Issue: 3-4 Pages: 447-456	

	Mathematica LV No 4 (2010) 193-218						
392.	L. Coroianu, S. G. Gal, Approximation by max-product sampling operators based on sinc-type kernels, Sampling Theory in Signal and Image Processing, 10 No 3 (2011) 211-230	2016		Costarelli, Danilo; Vinti, Gianluca	Pointwise and uniform approximation by multivariate neural network operators of the max-product type	NEURAL NETWORKS Volume: 81 Pages: 81-90	
393.	L. Coroianu, S. G. Gal, Approximation by max-product sampling operators based on sinc-type kernels, Sampling Theory in Signal and Image Processing, 10 No 3 (2011) 211-230	2016		Costarelli, Danilo; Vinti, Gianluca	Max-product neural network and quasi-interpolation operators activated by sigmoidal functions	JOURNAL OF APPROXIMATION THEORY Volume: 209 Pages: 1-22	
394.	L. Coroianu, S. G. Gal, Approximation by max-product sampling operators based on sinc-type kernels, Sampling Theory in Signal and Image Processing, 10 No 3 (2011) 211-230	2016		Costarelli, Danilo; Vinti, Gianluca	Approximation by Max-Product Neural Network Operators of Kantorovich Type	RESULTS IN MATHEMATICS Volume: 69 Issue: 3-4 Pages: 505-519	
395.	L. Coroianu, S. G. Gal, Approximation by nonlinear generalized sampling operators of max-product kind, Sampling Theory in Signal and Image Processing, 9 (2010), 59-75	2016		Costarelli, Danilo; Vinti, Gianluca	Pointwise and uniform approximation by multivariate neural network operators of the max-product type	NEURAL NETWORKS Volume: 81 Pages: 81-90	
396.	L. Coroianu, S. G. Gal, Approximation by nonlinear generalized sampling operators of max-product kind, Sampling Theory in Signal and Image Processing, 9 (2010), 59-75	2016		Costarelli, Danilo; Vinti, Gianluca	Max-product neural network and quasi-interpolation operators activated by sigmoidal functions	JOURNAL OF APPROXIMATION THEORY Volume: 209 Pages: 1-22	
397.	L. Coroianu, S. G. Gal, Approximation by nonlinear generalized sampling operators of max-product kind, Sampling Theory in Signal and Image Processing, 9 (2010), 59-75	2016		Costarelli, Danilo; Vinti, Gianluca	Approximation by Max-Product Neural Network Operators of Kantorovich Type	RESULTS IN MATHEMATICS Volume: 69 Issue: 3-4 Pages: 505-519	
398.	B. Bede, L. Coroianu, S. G. Gal, Approximation and shape preserving properties of the nonlinear Bleimann-Butzer-Hahn	2016		Gungor, Sule Yuksel; Ispir, Nurhayat	Quantitative Estimates for Generalized Szasz Operators of Max-Product Kind	RESULTS IN MATHEMATICS Volume: 70 Issue: 3-4 Pages: 447-	

	operators of max-product kind, Commentationes Mathematicae Universitatis Carolinae, 51 (2010), 397-415					456	
399.	B. Bede, L. Coroianu, S. G. Gal, Approximation by truncated Favard-Szasz-Mirakjan operators of max-product kind, Demonstratio Mathematica, 44 (2011), 105-122	2016		Gungor, Sule Yuksel; Ispir, Nurhayat	Quantitative Estimates for Generalized Szasz Operators of Max-Product Kind	RESULTS IN MATHEMATICS Volume: 70 Issue: 3-4 Pages: 447-456	
400.	L. Coroianu, S. G. Gal, Saturation results for the truncated max-product sampling operators based on sinc and Fejer-type kernels, Sampling Theory in Signal and Image Processing, 11 (2012), 113-132	2016		Costarelli, Danilo; Vinti, Gianluca	Pointwise and uniform approximation by multivariate neural network operators of the max-product type	NEURAL NETWORKS Volume: 81 Pages: 81-90	
401.	L. Coroianu, S. G. Gal, Saturation results for the truncated max-product sampling operators based on sinc and Fejer-type kernels, Sampling Theory in Signal and Image Processing, 11 (2012), 113-132	2016		Costarelli, Danilo; Vinti, Gianluca	Max-product neural network and quasi-interpolation operators activated by sigmoidal functions	JOURNAL OF APPROXIMATION THEORY Volume: 209 Pages: 1-22	
402.	L. Coroianu, S. G. Gal, Saturation results for the truncated max-product sampling operators based on sinc and Fejer-type kernels, Sampling Theory in Signal and Image Processing, 11 (2012), 113-132	2016		Costarelli, Danilo; Vinti, Gianluca	Approximation by Max-Product Neural Network Operators of Kantorovich Type	RESULTS IN MATHEMATICS Volume: 69 Issue: 3-4 Pages: 505-519	
403.	A.M. Bica, V. Caus, S. Muresan, Application of a trapezoid inequality to neutral Fredholm integro-differential equations in Banach spaces, JIPAM 7, no.5, 2006, art. 173	2016		A. Aghajani, E. Pourhadi, M. Rivero, J.J. Trujillo	Application of the Perov's fixed point theorem to Fredholm type integro-differential equations in two variables	Mathematica Slovaca 66 (2016) 1207-1216	0139-9918
404.	A. Bica, S. Muresan, Approaching nonlinear Volterra neutral delay integro-differential equations with the Perov's fixed point theorem, Fixed Point Theory 8, no.2 (2007) 187-200.	2016		A. Aghajani, E. Pourhadi, M. Rivero, J.J. Trujillo	Application of the Perov's fixed point theorem to Fredholm type integro-differential equations in two variables	Mathematica Slovaca 66 (2016) 1207-1216	0139-9918
405.	A. Bica, S. Muresan, H. Oros, Existence result and	2016		A. Aghajani, E. Pourhadi, M.	Application of the Perov's fixed point	Mathematica Slovaca 66 (2016)	0139-

	numerical method for a delay integro-differential equation arising in infectious diseases, Proc.11-th Conf. on Applied & Ind. Math. (2003) 34-41.			Rivero, J.J. Trujillo	theorem to Fredholm type integro-differential equations in two variables	1207-1216	9918
406.	S. Muresan, A. Bica, Parameter dependence of the solution of a delay integro- differential equation arising in infectious diseases, Fixed Point Theory 6 (2005) 79-89.	2016		A. Aghajani, E. Pourhadi, M. Rivero, J.J. Trujillo	Application of the Perov's fixed point theorem to Fredholm type integro-differential equations in two variables	Mathematica Slovaca 66 (2016) 1207-1216	0139 - 9918
407.	A. M. Bica, C. Popescu, Approximating the solution of nonlinear Hammerstein fuzzy integral equations, Fuzzy Sets & Systems, 245 (2014) 1-17	2017		P.K. Sahu, S. Saha Ray	A new Bernoulli wavelet method for accurate solutions of nonlinear fuzzy Hammerstein–Volterra delay integral equations	Fuzzy Sets & Systems 309 (2017) 131-144	0165 - 0114
408.	A. M. Bica, One-sided fuzzy numbers and applications to integral equations from epidemiology, Fuzzy Sets & Systems, 219 (2013) 27-48	2017		P.K. Sahu, S. Saha Ray	A new Bernoulli wavelet method for accurate solutions of nonlinear fuzzy Hammerstein–Volterra delay integral equations	Fuzzy Sets & Systems 309 (2017) 131-144	0165 - 0114
409.	A. Bica, C. Iancu, A numerical method in terms of the third derivative for a delay integral equation from biomathematics, Journal of Inequalities in Pure & Applied Mathematics, vol.6, issue 2, article 42, pag. 1-18, 2005	2017		P.K. Sahu, S. Saha Ray	A new Bernoulli wavelet method for accurate solutions of nonlinear fuzzy Hammerstein–Volterra delay integral equations	Fuzzy Sets & Systems 309 (2017) 131-144	0165 - 0114
410.	A. M. Bica, C. Popescu, Numerical solutions of the nonlinear fuzzy Hammerstein-Volterra delay integral equations, Information Sciences, 233 (2013) 236-255	2017		P.K. Sahu, S. Saha Ray	A new Bernoulli wavelet method for accurate solutions of nonlinear fuzzy Hammerstein–Volterra delay integral equations	Fuzzy Sets & Systems 309 (2017) 131-144	0165 - 0114
411.	A. M. Bica, Algebraic structures for fuzzy numbers from categorial point of view, Soft Computing, 11 (2007) 1099-1105	2017		R. Ezzati, S.M. Sadatrasoul	On numerical solution of two-dimensional nonlinear Urysohn fuzzy integral equations based on fuzzy Haar Wavelets	Fuzzy Sets & Systems 309 (2017) 145-164	0165 - 0114
412.	A. M. Bica, C. Popescu, Approximating the solution of nonlinear Hammerstein fuzzy	2017		R. Ezzati, S.M. Sadatrasoul	On numerical solution of two-dimensional nonlinear Urysohn	Fuzzy Sets & Systems 309 (2017) 145-164	0165 - 0114

	integral equations, Fuzzy Sets & Systems, 245 (2014) 1-17				fuzzy integral equations based on fuzzy Haar Wavelets		
413.	A. M. Bica, M. Curila, S. Curila, About a numerical method of successive interpolations for two-point boundary value problems with deviating argument, Applied Math. & Computation, 217 (2011) 7772-7789	2017		A.-M.Wazwaz, M.A.Z. Raja, I. Muhammad	Reliable treatment for solving boundary value problems of pantograph delay differential equation	Romanian Reports in Physics 69, no. 1 (2017), article 102	
414.	A. M. Bica, Algebraic structures for fuzzy numbers from categorial point of view, Soft Computing, 11 (2007) 1099-1105	2017		R. Ezzati, S.M. Sadatrasoul	Application of bivariate fuzzy Bernstein polynomials to solve two-dimensional fuzzy integral equations	Soft Computing 21, no. 14 (2017) 3879-3889	1432 - 7643
415.	A. M. Bica, C. Popescu, Approximating the solution of nonlinear Hammerstein fuzzy integral equations, Fuzzy Sets & Systems, 245 (2014) 1-17	2017		R. Ezzati, S.M. Sadatrasoul	Application of bivariate fuzzy Bernstein polynomials to solve two-dimensional fuzzy integral equations	Soft Computing 21, no. 14 (2017) 3879-3889	1432 - 7643
416.	A.M. Bica, Error estimation in the approximation of the solution of nonlinear fuzzy Fredholm integral equations, Information Sciences, 178, no. 5 (2008) 1279-1292	2017		R. Ezzati, S.M. Sadatrasoul	Application of bivariate fuzzy Bernstein polynomials to solve two-dimensional fuzzy integral equations	Soft Computing 21, no. 14 (2017) 3879-3889	1432 - 7643
417.	A.M. Bica, Error estimation in the approximation of the solution of nonlinear fuzzy Fredholm integral equations, Information Sciences, 178, no. 5 (2008) 1279-1292	2017		M. Amirfakhrian, K. Shakibi, R. Rodriguez Lopez	Fuzzy quasi-interpolation solution for Fredholm fuzzy integral equations of second kind	Soft Computing, 21 (2017) 4323-4433	1432 - 7643
418.	A. M. Bica, Algebraic structures for fuzzy numbers from categorial point of view, Soft Computing, 11 (2007)	2017		M. Holcapek	On generalized quotient MI-groups	Fuzzy Sets & Systems, 326 (2017) 3-23	0165 - 0114

	1099-1105						
419.	A. Bica, Categories and algebrical structures for real fuzzy numbers, P.U.M.A. Pure Math. And Appl., vol.13, no.1-2, 2003, 63-77	2017		M. Holcapek	On generalized quotient MI-groups	Fuzzy Sets & Systems, 326 (2017) 3-23	0165 - 0114
420.	A. M. Bica, The numerical method of successive interpolations for Fredholm functional integral equations, Numerical Algorithms, 58 (2011) 351-377	2017		E. Abdolmaleki, H. Saberi Najafi	An efficient algorithmic method to solve Hammerstein integral equations and application to a functional differential equation	Adv. Mechanical Engineering 9, no. 6 (2017) 1	
421.	A. M. Bica, M. Curila, S. Curila, About a numerical method of successive interpolations for functional Hammerstein integral equations, J. of Comput. & Applied Mathematics, 236 (2012) 2005-2024	2017		E. Abdolmaleki, H. Saberi Najafi	An efficient algorithmic method to solve Hammerstein integral equations and application to a functional differential equation	Adv. Mechanical Engineering 9, no. 6 (2017) 1	
422.	A. M. Bica, C. Popescu, Fuzzy spline interpolation with optimal property in parametric form, Information Sciences, 236 (2013) 138-155	2017		S.-M. Chen, S.I. Adam	Adaptive fuzzy interpolation based on general representative values of polygonal fuzzy sets and the shift and modification techniques	Information Sciences, 414 (2017) 147-157	
423.	A.M. Bica, Error estimation in the approximation of the solution of nonlinear fuzzy Fredholm integral equations, Information Sciences, 178, no. 5 (2008) 1279-1292	2017		A.M. Gholam, R. Ezzati	Solving linear fuzzy Fredholm integral equations of the second kind via iterative method and Simpson quadrature rule: a review	TWMS J. Pure Appl. Math., V.8, N.2, 2017, pp.121-147	
424.	A. M. Bica, C. Popescu, Approximating the solution of nonlinear Hammerstein fuzzy integral equations, Fuzzy Sets & Systems, 245 (2014) 1-17	2017		A.M. Gholam, R. Ezzati	Solving linear fuzzy Fredholm integral equations of the second kind via iterative method and Simpson quadrature rule: a	TWMS J. Pure Appl. Math., V.8, N.2, 2017, pp.121-147	

					review		
425.	S. Ziari, A.M. Bica, New error estimate in the iterative numerical method for nonlinear fuzzy Hammerstein-Fredholm integral equations, Fuzzy Sets & Systems 295 (2016) 136-152	2017		A.M. Gholam, R. Ezzati	Solving linear fuzzy Fredholm integral equations of the second kind via iterative method and Simpson quadrature rule: a review	TWMS J. Pure Appl. Math., V.8, N.2, 2017, pp.121-147	
426.	S. Ziari, A.M. Bica, New error estimate in the iterative numerical method for nonlinear fuzzy Hammerstein-Fredholm integral equations, Fuzzy Sets & Systems 295 (2016) 136-152	2017		Y. Shao, Z. Gong, J. Li	Controlled convergence theorems for infinite dimension Henstock integrals of fuzzy valued functions based on weak equi-integrability	Fuzzy Sets & Systems, 327 (2017) 69-97	0165 - 0114
427.	A. M. Bica, M. Curila, S. Curila, Two-point boundary value problems associated to functional differential equations of even order solved by iterated splines, Appl. Numer. Math. 110 (2016) 128-147	2017		E. Bravyi	Boundary value problems for families of functional differential equations	Memoirs on Differential Equations and Mathematical Physics, 72 (2017) 27-35	
428.	A.Bica, S. Muresan, Applications of the Perov's Fixed Point Theorem to Delay Integro-Di_erential Equations, in: Fixed Point Theory and Applications, Volume 7, Nova Science Publishers, New York, 2007	2017		M. Usman Ali, F. Tchier, C. Vetro	On the existence of bounded solutions to a class of nonlinear initial value problems with delay	Filomat, 31, no. 11 (2017) 3125-3135	
429.	A. Bica, C. Iancu, A numerical method in terms of the third derivative for a delay integral equation from biomathematics, Journal of Inequalities in Pure & Applied Mathematics, vol.6, issue 2, article 42, pag. 1-18, 2005	2017		M. Otadi, M. Mosleh	Universal approximation method for the solution of integral equations	Mathematical Sciences, DOI 10.1007/s40096-017-0212-6	
430.	S. Ziari, A.M. Bica, New error estimate in the iterative numerical method for nonlinear fuzzy Hammerstein-Fredholm integral equations, Fuzzy Sets & Syst. 295 (2016) 136-152	2017		H. Nouriani, R. Ezzati	Quadrature iterative method for numerical solution of two-dimensional linear fuzzy Fredholm integral equations	Math. Sci. 11 (2017) 63-72	
431.	A.M. Bica, Error estimation in the	2017		H. Nouriani, R. Ezzati	Quadrature iterative method for	Math. Sci. 11 (2017) 63-72	

	approximation of the solution of nonlinear fuzzy Fredholm integral equations, Information Sciences, 178, no. 5 (2008) 1279-1292				numerical solution of two-dimensional linear fuzzy Fredholm integral equations		
432.	A. M. Bica, C. Popescu, Approximating the solution of nonlinear Hammerstein fuzzy integral equations, Fuzzy Sets & Systems, 245 (2014) 1-17	2017		H. Nouriani, R. Ezzati	Quadrature iterative method for numerical solution of two-dimensional linear fuzzy Fredholm integral equations	Math. Sci. 11 (2017) 63-72	
433.	A.M. Bica, Error estimation in the approximation of the solution of nonlinear fuzzy Fredholm integral equations, Information Sciences, 178, no. 5 (2008) 1279	2017		V.S.K. Mahaleh, R. Ezzati	Numerical solution of linear fuzzy Fredholm integral equations of second kind using iterative method and midpoint quadrature formula	J. of Intelligent & Fuzzy Syst. 33, no. 2 (2017) 1293-1302	1064 - 1246
434.	A.M. Bica, Error estimation in the approximation of the solution of nonlinear fuzzy Fredholm integral equations, Information Sciences, 178, no. 5 (2008) 1279	2017		F. Farahrooz A. Ebadian, S. Najafzadeh	On the L-p-space techniques in the existence and uniqueness of the fuzzy Korteweg-de-Vries equations solution	Applications and Applied Math. 12, no. 2 (2017) 869-883	
435.	A. M. Bica, M. Curila, S. Curila, About a numerical method of successive interpolations for functional Hammerstein integral equations, J. of Comput. & Applied Mathematics, 236 (2012) 2005-2024	2017		V.B. Vasylyk, V.L. Makarov	Exponentially convergent method for an abstract nonlocal problem with integral nonlinearity	Ukrainian Math. J. 68, no. 2 (2017) 1837-1848	
436.	S. Ziari, A.M. Bica, New error estimate in the iterative numerical method for nonlinear fuzzy Hammerstein-Fredholm integral equations, Fuzzy Sets & Syst. 295 (2016) 136-152	2017		S. Ziari, I. Perfilieva	On the approximation properties of fuzzy transform	J. of Intelligent & Fuzzy Syst. 33, no. 1 (2017) 171-188	1064 - 1246
437.	A.M. Bica, The middle-parametric representation of fuzzy numbers and applications to fuzzy interpolation, Int. J. Approx. Reasoning 68 (2016) 27-44	2017		C. Li, J. Yuan, D. Liu, WL. Li, SS. Lin	Risk group assessment based on the demands of important consumers with standby electric source	J. of Intelligent & Fuzzy Syst. 33, no. 1 (2017) 2177-2188	1064 - 1246
438.	Bede, B. Gal, S.G., Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy	2016		Hong, Y Peng	Almost periodicity of set-valued functions and set dynamic equations on time scales	Information Sciences	

	Sets and Systems, 2005						
439.	Bede, B. Gal, S.G., Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets and Systems, 2005	2016		A.M. Bica	The middle-parametric representation of fuzzy numbers and applications to fuzzy interpolation	Int. J. Approximate Reasoning	
440.	Bede, B. Gal, S.G., Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets and Systems, 2005	2016		OA Arqub, ALS Mohammed, S Momani, T Hayat	Numerical solutions of fuzzy differential equations using reproducing kernel Hilbert space method	Soft Computing	
441.	Bede, B. Gal, S.G., Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets and Systems, 2005	2016		A Khastan, I Perfilieva, Z Alijani	A new fuzzy approximation method to Cauchy problems by fuzzy transform	Fuzzy Sets & Syst.	
442.	Bede, B. Gal, S.G., Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets and Systems, 2005	2016		D Qiu, W Zhang, C Lu	On fuzzy differential equations in the quotient space of fuzzy numbers	Fuzzy Sets & Syst.	
443.	Bede, B. Gal, S.G., Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets and Systems, 2005	2016		S Hong, Y Peng	Almost periodicity of set-valued functions and set dynamic equations on time scales	Information Sciences	
444.	Bede, B. Gal, S.G., Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets and Systems, 2005	2016		A Khastan, R Rodríguez-López	On the solutions to first order linear fuzzy differential equations	Fuzzy Sets & Syst.	
445.	Bede, B. Gal, S.G., Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets and Systems, 2005	2016		R Osuna-Gómez, Y Chalco-Cano, A Rufián-Lizana	Necessary and sufficient conditions for fuzzy optimality problems	Fuzzy Sets & Syst.	
446.	Bede, B. Gal, S.G., Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets and Systems, 2005	2016		I Ahmad, D Singh, BA Dar	Optimality Conditions for Invex Interval Valued Nonlinear Programming Problems Involving Generalized H-Derivative	Filomat	
447.	Bede, B. Gal, S.G., Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy	2016		Y Shen, F Wang	A fixed point approach to the Ulam stability of fuzzy differential	Journal of Intelligent & Fuzzy Systems	

	differential equations, Fuzzy Sets and Systems, 2005				equations under generalized differentiability		
448.	B. Bede, S.G. Gal, Almost periodic fuzzy-number-valued functions, Fuzzy Sets & Syst. 2004	2016		S. Hong, Y Peng	Almost periodicity of set-valued functions and set dynamic equations on time scales	Information Sciences	
449.	S.G. Gal, Approximation theory in fuzzy setting, Chapman and Hall/CRC Press, 2000	2016		S. Ziari, A.M. Bica	New error estimate in the iterative numerical method for nonlinear fuzzy Hammerstein–Fredholm integral equations	Fuzzy Sets & Syst.	
450.	S.G. Gal, Approximation theory in fuzzy setting, Chapman and Hall/CRC Press, 2000	2016		S.M. Sadatrasoul, R. Ezzati	Numerical solution of two-dimensional nonlinear Hammerstein fuzzy integral equations based on optimal fuzzy quadrature formula	J. Comput. Appl. Math.	
451.	B. Bede, S.G. Gal, Quadrature rules for integrals of fuzzy-number-valued functions, Fuzzy Sets & Syst. 2004	2016		S. Ziari, A.M. Bica	New error estimate in the iterative numerical method for nonlinear fuzzy Hammerstein–Fredholm integral equations	Fuzzy Sets & Syst.	
452.	B. Bede, S.G. Gal, Quadrature rules for integrals of fuzzy-number-valued functions, Fuzzy Sets & Syst. 2004	2016		S.M. Sadatrasoul, R. Ezzati	Numerical solution of two-dimensional nonlinear Hammerstein fuzzy integral equations based on optimal fuzzy quadrature formula	J. Comput. Appl. Math.	
453.	B. Bede, S.G. Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 151 (2005) 581-599	2017		Fookand, Tiaw Kah; Ibrahim, Zarina Bibi	Block backward differentiation formulas for solving second order fuzzy differential equations	Matematika, 33, no. 2 (2017) 215-226	
454	B. Bede, S.G. Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 151 (2005) 581-599	2017		Farahrooz, F.; Ebadian, A.; Najafzadeh, S.	On the L-p-spaces techniques in the existence and uniqueness of the fuzzy fractional Korteweg-de Vries equation's solution	Applications and Applied Mathematics, 12, no. 2 (2017) 869-883	
455	B. Bede, S.G. Gal, Generalizations of the differentiability of fuzzy-number-valued functions	2017		Dzitac, I.; Filip, F. G.; Manolescu, M. J.	Fuzzy Logic Is Not Fuzzy: World-renowned Computer Scientist	Int. J. Computers, Commun. and Control 12, no. 6 (2017) 748-789	

	with applications to fuzzy differential equations, Fuzzy Sets & Syst. 151 (2005) 581-599				Lot_ A. Zadeh		
456	B. Bede, S.G. Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 151 (2005) 581-599	2017		Mondal, Sankar Prasad; Roy, Tapan Kumar	Solution of second order linear fuzzy ordinary di_erential equation by Lagrange multiplier method with application in mechanics	Operat. Research 54, no. 1 (2017) 766-798	
457	B. Bede, S.G. Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 151 (2005) 581-599	2017		Abu Arqub, Omar; Al-Smadi, Mohammed; Momani, Shaher; et al.	Application of reproducing kernel algorithm for solving second-order, two-point fuzzy boundary value problems	Soft Computing 21, no. 23 (2017) 7191-7206	
458.	B. Bede, S.G. Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 151 (2005) 581-599	2017		Shao, Yabin; Gong, Zengtai; Li, Juan	Controlled convergence theorems for in_nite dimension Henstock integrals of fuzzy valued functions based on weak equi-integrability	Fuzzy Sets & Syst. 327 (2017) 69-97	
459.	B. Bede, S.G. Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 151 (2005) 581-599	2017		Ahmadian, A.; Salahshour, S.; Ali-Akbari, M.; et al.	A novel approach to approximate fractional derivative with uncertain conditions	Chaos, Solitons & Fractals 104 (2017) 68-76	
460.	B. Bede, S.G. Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 151 (2005) 581-599	2017		Rabiei, Faranak; Hamid, Fatin Abd; Rashidi, Mohammad M.; et al.	Numerical simulation of fuzzy di_erential equations using general linear method and B-series	ADVANCES IN MECHANICAL ENGINEERING Vol. 9 Issue: 9 Article Number: 16878140177154 19 ; SEP 21 2017	
461.	B. Bede, S.G. Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 151 (2005) 581-599	2017		Paripour, Mahmoud; Ferrara, Massimiliano; Salimi, Mehdi	Approximate solutions by arti_cial neural network of hybrid fuzzy di_erential equa-tions	ADVANCES IN MECHANICAL ENGINEERING Vol. 9 Issue: 9 Article Number: 16878140177174 29 ; SEP 21 2017	
462.	B. Bede, S.G. Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy	2017		Ahmadian, Ali; Salahshour, Soheil; Chan, Chee Seng; et al.	An Efficient Numerical Simulation for Solving Dynamical Systems With	J. Comput. And Nonlinear Dynamics, 12, no. 5 (2017) Article Number: 051008	

	differential equations, Fuzzy Sets & Syst. 151 (2005) 581-599				Uncer-tainty		
463.	B. Bede, S.G. Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 151 (2005) 581-599	2017		Fard, Omid S.; Bidgoli, T. A.	Existence and uniqueness of solutions to the second order fuzzy dynamic equa-tions on time scales	Adv. Difference Equations (2017) Article Number: 231	
464.	B. Bede, S.G. Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 151 (2005) 581-599	2017		Ghanbari, M.	FUZZY INCLUSION LINEAR SYSTEMS	Iranian J. Fuzzy Syst. 14, no. 7 (2017) 117-137	
465.	B. Bede, S.G. Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 151 (2005) 581-599	2017		Qi, Min; Yang, Zhan-Peng; Xu, Tian-Zhou	A reproducing kernel method for solving nonlocal fractional boundary value prob-lems with uncertainty	Soft Computing 21, no. 14 (2017) 4019-4028	
466.	B. Bede, S.G. Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 151 (2005) 581-599	2017		Abu Arqub, Omar	Adaptation of reproducing kernel algorithm for solving fuzzy Fredholm-Volterra integrodifferential equations	Neural Computing Appl. 28, no. 7 (2017) 1591-1610	
467.	B. Bede, S.G. Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 151 (2005) 581-599	2017		Ma, Qiang; Shao, Ya-bin; Chen, Zi-zhong	A Kind of Generalized Fuzzy Integro-di_erential Equations of Mixed Type and Strong Fuzzy Henstock Integrals	J. Comput. Anal. Appl. 23, no. 1 (2017) 92-107	
468.	B. Bede, S.G. Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 151 (2005) 581-599	2017		Lupulescu, Vasile; Ngo Van Hoa	Interval Abel integral equation	Soft Computing 21, no. 10 (2017) 2777-2784	
469.	B. Bede, S.G. Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 151	2017		de Barros, Laecio Car-valho; Pedro, Francielle Santo	Fuzzy differential equations with interactive derivative	Fuzzy Sets & Syst. 309 (2017) 64-80	

	(2005) 581-599						
470.	B. Bede, S.G. Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 151 (2005) 581-599	2017		Gouyandeh, Zienab; Allahviranloo, To_gh; Abbasbandy, Saeid; et al.	A fuzzy solution of heat equation under generalized Hukuhara differentiability by fuzzy Fourier transform	Fuzzy Sets & Syst. 309 (2017) 81-97	
471.	B. Bede, S.G. Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 151 (2005) 581-599	2017		Ahmadian, Ali; Salahshour, Soheil; Chan, Chee Seng	Fractional Differential Systems: A Fuzzy Solution Based on Operational Matrix of Shifted Chebyshev Polynomials and Its Applications	IEEE Trans. on Fuzzy Syst. 25, no. 1 (2017) 218-236	
472.	B. Bede, S.G. Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 151 (2005) 581-599	2017		Khatua, Debnarayan; Maity, Kalipada	Stability of fuzzy dynamical systems based on quasi-level-wise system	J. of Intelligent and Fuzzy Syst. 33, no. 6 (2017) 3515-3528	
473.	B. Bede, S.G. Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 151 (2005) 581-599	2017		Heidari, M.; Ramezanzadeh, Mohadeseh; Borzabadi, Akbar Hashemi; et al.	Solutions to fuzzy variational problems: necessary and sufficient conditions	Int. J. of Modelling Identification and Control 28 , no. 2 (2017) 187-198	
474.	B. Bede, S.G. Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 151 (2005) 581-599	2017		Liu, Zhi-bin; Tian, Ke-zhong; Wen, Guo-quan; et al.		J. of Intelligent and Fuzzy Syst. 33, no. 4 (2017) 2171-2176	
475.	B. Bede, S.G. Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 151 (2005) 581-599	2017		Wang, Yupin; Sun, Shurong; Han, Zhenlai	Existence of solutions to periodic boundary value problems for fuzzy fractional differential equations	Int. J. Dyn. Syst. and Diff. Equations 7, no. 3 (2017) 195-216	
476.	B. Bede, S.G. Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 151 (2005) 581-599	2017		Fard, Omid Solaymani; Ramezanzadeh, Mohadeseh	On Fuzzy Portfolio Selection Problems: A Parametric Representation Approach	Complexity, Article Number: 9317924	

477.	B. Bede, S.G. Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 151 (2005) 581-599	2017		Font, Juan J.; Sanchis, Delia; Sanchis, Manuel	A version of the Stone-Weierstrass theorem in fuzzy analysis	J. of Nonlinear Sciences and Applications 10, no. 8 (2017) 4275-4283	
478.	B. Bede, S.G. Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 151 (2005) 581-599	2017		Ma, Qiang; Shao, Ya-Bin; Gong, Zeng-Tai	The Cauchy problems for discontinuous fuzzy systems under generalized differ-entiability	J. of Nonlinear Sciences and Applications 10, no. 4 (2017) 2133-2143	
479.	B. Bede, S.G. Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 151 (2005) 581-599	2017		Shao, Ya-Bin; Gong, Zeng-Tai; Chen, Zi-Zhong	On generalized solutions for discontinuous fuzzy di_erential equations and strong fuzzy Henstock integrals	J. of Nonlinear Sciences and Applications 10, no. 4 (2017) 2181-2195	
480.	B. Bede, S.G. Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 151 (2005) 581-599	2017		Rahman, Norazrizal Aswad Abdul; Ahmad, Muhammad Zaini	Solving fuzzy fractional di_erential equations using fuzzy Sumudu transform	J. of Nonlinear Sciences and Applications 10, no. 5 (2017) 2620-2632	
481.	B. Bede, S.G. Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 151 (2005) 581-599	2017		Ho Vu; Le Si Dong; Nguyen Ngoc Phung	Application of contractive-like mapping principles to impulsive fuzzy functional differential equation	J. of Intelligent and Fuzzy Syst. 33, no. 2 (2017) 753-759	
482.	B. Bede, S.G. Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 151 (2005) 581-599	2017		Tao, Juan; Zhang, Zhuhong	Continuous dependence and exponential stability of semi-linear interval-valued di_erential equations	J. of Intelligent and Fuzzy Syst. 33, no. 2 (2017) 761-778	
483.	B. Bede, S.G. Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 151 (2005) 581-599	2017		Sin, Kinam; Chen, Minghao; Choi, Huichol; et al.	Fractional Jacobi operational matrix for solving Fuzzy Fractional Differential Equa-tion	J. of Intelligent and Fuzzy Syst. 33, no. 2 (2017) 1041-1052	
484.	B. Bede, S.G. Gal, Generalizations of the	2017		Thanh-Lam Nguyen	Methods in Ranking Fuzzy	Complexity, Pages: 1-13	

	differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 151 (2005) 581-599				Numbers: A Uni_ed Index and Comparative Reviews	Article Number: 3083745	
485.	B. Bede, S.G. Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 151 (2005) 581-599	2017		Vu, Ho	Random Fuzzy Differential Equations with Impulses	Complexity, Article Number: 4056016	
486.	B. Bede, S.G. Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 151 (2005) 581-599	2017		Rivaz, A.; Fard, O. S.; Bidgoli, T. A.	On the existence and uniqueness of solutions for fuzzy fractional di_erential equa-tions	Tbilisi Math. J. 10 Issue: 1 Special Issue: SI Pages: 197-205	
487.	B. Bede, S.G. Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 151 (2005) 581-599	2017		Bao, Yu-E; Li, Jin-Jun	A study on the di_erential and sub-di_erential of fuzzy mapping and its application problem	J. of Nonlinear Sciences and Applications 10, no. 1 (2017) 1-17	
488.	B. Bede, S.G. Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 151 (2005) 581-599	2017		Armand, A.; Allahviranloo, T.; Abbasbandy, S.; et al.	Fractional relaxation-oscillation di_erential equations via fuzzy variational itera-tion method	J. of Intelligent and Fuzzy Syst. 32, no. 1 (2017) 363-371	
489.	B. Bede, S.G. Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 151 (2005) 581-599	2017		Truong Vinh An; Ngo Van Hoa; Nguyen Anh Tuan	Impulsive hybrid interval-valued functional integro-di_erential equations	J. of Intelligent and Fuzzy Syst. 32, no. 1 (2017) 529-541	
490.	B. Bede, S.G. Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 151 (2005) 581-599	2017		Kardan, Iman; Akbarzadeh-T, Mohammad-R; Akbarzadeh, Alireza; et al.	Quasi type 2 fuzzy differential equations	J. of Intelligent and Fuzzy Syst. 32, no. 1 (2017) 551-563	
491.	B. Bede, S.G. Gal, Generalizations of the differentiability of fuzzy-number-valued functions	2017		Shen, Yonghong; Chen, Wei; Wang,	Fuzzy Laplace transform method for the Ulam stability of linear	J. of Intelligent and Fuzzy Syst. 32, no. 1 (2017) 671-680	

	with applications to fuzzy differential equations, Fuzzy Sets & Syst. 151 (2005) 581-599			Jing	fuzzy differential equations of first order with constant coefficients		
492.	B. Bede, S.G. Gal, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets & Syst. 151 (2005) 581-599	2017		Salahshour, S.; Ahmadian, A.; Ismail, F.; et al.	A fractional derivative with non-singular kernel for interval-valued functions under uncertainty	Optik 130 (2017) 273-286	
493.	B. Bede, S.G. Gal, Almost periodic fuzzy-number-valued functions, Fuzzy Sets & Syst. 147 (2004) 385-403	2017		Mondal, S. Prasad; Roy, Tapan Kumar	Solution of second order linear fuzzy ordinary di_erential equation by Lagrange multiplier method with application in mechanics	Operational Research 54, no. 4 (2017) 766-798	
494.	B. Bede, S.G. Gal, Almost periodic fuzzy-number-valued functions, Fuzzy Sets & Syst. 147 (2004) 385-403	2017		Abu Arqub, O.; Al-Smadi, M.; Momani, S.; et al.	Application of reproducing kernel algorithm for solving second-order, two-point fuzzy boundary value problems	Soft Computing 21, no. 23 (2017) 7191-7206	
495.	B. Bede, S.G. Gal, Almost periodic fuzzy-number-valued functions, Fuzzy Sets & Syst. 147 (2004) 385-403	2017		Yavuz, Enes; Coskun, Husamettin	On the logarithmic summability method for sequences of fuzzy numbers	Soft Computing 21, no. 19 (2017) 5779-5785	
496.	B. Bede, S.G. Gal, Almost periodic fuzzy-number-valued functions, Fuzzy Sets & Syst. 147 (2004) 385-403	2017		Abu Arqub, Omar	Adaptation of reproducing kernel algorithm for solving fuzzy Fredholm-Volterra integrodifferential equations	Neural Computing Appl. 28, no. 7 (2017) 1591-1610	
497.	B. Bede, S.G. Gal, Almost periodic fuzzy-number-valued functions, Fuzzy Sets & Syst. 147 (2004) 385-403	2017		Braha, N. L.; Et, M.	Tauberian theorems for the Euler-Norlund mean-convergent sequences of fuzzy numbers	Iranian J. Fuzzy Sets. 14, no. 2 (2017) 79-92	
498.	B. Bede, S.G. Gal, Almost periodic fuzzy-number-valued functions, Fuzzy Sets & Syst. 147 (2004) 385-403	2017		Mardani, Abbas; Nilashi, Mehrbakhsh; Antucheviciene, Jurgita; et al.	Recent Fuzzy Generalisations of Rough Sets Theory: A Systematic Review and Methodological Critique of the Literature	Complexity, Article Number: 1608147	
499.	B. Bede, S.G. Gal, Almost periodic fuzzy-number-valued functions, Fuzzy Sets & Syst. 147 (2004) 385-403	2017		Wang, Yupin; Sun, Shurong; Han, Zhenlai	Existence of solutions to periodic boundary value problems for fuzzy fractional	Int. J. Dyn. Syst. and Diff. Equations 7, no. 3 (2017) 195-216	

					differential equations		
500.	B. Bede, S.G. Gal, Almost periodic fuzzy-number-valued functions, Fuzzy Sets & Syst. 147 (2004) 385-403	2017		Rahman, N. Aswad A.; Ahmad, M. Zaini	Solving fuzzy fractional di_erential equations using fuzzy Sumudu transform	J. of Nonlinear Sciences and Appl. 10, no. 5 (2017) 2620-2632	
501.	B. Bede, S.G. Gal, Almost periodic fuzzy-number-valued functions, Fuzzy Sets & Syst. 147 (2004) 385-403	2017		Loku, Valdete; Braha, Naim L.; Et, Mikail; et al.	Tauberian theorems for the generalized De La Vallee-Poussin mean-convergent sequences of fuzzy numbers	Bull. Math. Anal. & Applications 8, no. 2 (2017) 45-56	
502.	B. Bede, S.G. Gal, Almost periodic fuzzy-number-valued functions, Fuzzy Sets & Syst. 147 (2004) 385-403	2017		Yavuz, Enes; Coskun, Husamettin	On the limits of logarithmic summable fuzzy-number-valued functions at infinity	J. Math. Anal. 8, no. 3 (2017) 116-124	
503.	B. Bede, S.G. Gal, Almost periodic fuzzy-number-valued functions, Fuzzy Sets & Syst. 147 (2004) 385-403	2017		Yavuz, Enes	Euler summability method of sequences of fuzzy numbers and a Tauberian theorem	J. of Intelligent and Fuzzy Syst. 32, no. 1 (2017) 937-943	
504.	A. M. Bica, C. Popescu, Note on fuzzy monotonic interpolating splines of odd degree, Fuzzy Sets & Syst. 310 (2017) 60-73	2017		R. Ezzati, S. Abbasbandy, H. Behforooz	Interpolation of fuzzy data by using flat end fuzzy splines	Int. J. Nonlinear Anal. Appl. 8 (2017) No. 2, 89-97	2008-6822
505.	B. Bede, S.G. Gal, Quadrature rules for integrals of fuzzy-number-valued functions, Fuzzy Sets & Syst. 145 (2004) 359-380	2017		Farahrooz, F.; Ebadian, A.; Najafzadeh, S.	On the L-p-spaces techniques in the existence and uniqueness of the fuzzy fractional Korteweg-de Vries equation's solution	Applications and Applied Math. 12, no. 2 (2017) 869-883	
506.	B. Bede, S.G. Gal, Quadrature rules for integrals of fuzzy-number-valued functions, Fuzzy Sets & Syst. 145 (2004) 359-380	2017		Shao, Yabin; Gong, Zengtai; Li, Juan	Controlled convergence theorems for in_nite dimension Henstock integrals of fuzzy valued functions based on weak equi-integrability	Fuzzy Sets & Syst. 327 (2017) 69-97	
507.	B. Bede, S.G. Gal, Quadrature rules for integrals of fuzzy-number-valued functions, Fuzzy Sets & Syst. 145 (2004) 359-380	2017		Ezzati, R.; Sadatrasoul, S. M.	Application of bivariate fuzzy Bernstein polynomials to solve two-dimensional fuzzy integral equations	Soft Computing 21, no. 14 (2017) 3879-3889	
508.	B. Bede, S.G. Gal, Quadrature rules for integrals of fuzzy-number-valued functions, Fuzzy Sets & Syst. 145	2017		Nouriani, H.; Ezzati, R.	Quadrature iterative method for numerical solution of two-dimensional linear fuzzy	Mathematical Sciences 11, no. 1 (2017) 63-72	

	(2004) 359-380				Fredholm integral equations		
509.	B. Bede, S.G. Gal, Quadrature rules for integrals of fuzzy-number-valued functions, Fuzzy Sets & Syst. 145 (2004) 359-380	2017		Bica, Alexandru Mihai; Ziari, Shokrollah	Iterative numerical method for fuzzy Volterra linear integral equations in two di-mensions	Soft Computing 21, no. 5 (2017) 1097-1108	
510.	B. Bede, S.G. Gal, Quadrature rules for integrals of fuzzy-number-valued functions, Fuzzy Sets & Syst. 145 (2004) 359-380	2017		Bica, Alexandru Mihai; Popescu, Constantin	Fuzzy trapezoidal cubature rule and application to two-dimensional fuzzy Fredholm integral equations	Soft Computing 21, no. 5 (2017) 1229-1243	
511.	B. Bede, S.G. Gal, Quadrature rules for integrals of fuzzy-number-valued functions, Fuzzy Sets & Syst. 145 (2004) 359-380	2017		Wang, Ling	The Quadrature rules of the fuzzy Henstock - Stieltjes integral on a infinite interval	J. Comput. Anal. Appl. 22, no. 3 (2017) 474-483	
512.	B. Bede, S.G. Gal, Quadrature rules for integrals of fuzzy-number-valued functions, Fuzzy Sets & Syst. 145 (2004) 359-380	2017		Sahu, P. K.; Ray, S. Saha	A new Bernoulli wavelet method for accurate solutions of nonlinear fuzzy Hammerstein-Volterra delay integral equations	Fuzzy Sets & Syst. 309 (2017) 131-144	
513.	B. Bede, S.G. Gal, Quadrature rules for integrals of fuzzy-number-valued functions, Fuzzy Sets & Syst. 145 (2004) 359-380	2017		Ezzati, R.; Sadatrasoul, S. M.	On numerical solution of two-dimensional nonlinear Urysohn fuzzy integral equa-tions based on fuzzy Haar wavelets	Fuzzy Sets & Syst. 309 (2017) 145-164	
514.	B. Bede, S.G. Gal, Quadrature rules for integrals of fuzzy-number-valued functions, Fuzzy Sets & Syst. 145 (2004) 359-380	2017		Gholam, Atiyeh Mashhadi; Ezzati, Reza	Solving linear fuzzy Fredholm integral equations of second kind via iterative method and Simpson quadrature rule: A review	TWMS J. Pure & Applied Math. 8, no. 2 (2017) 121-147	
515.	B. Bede, S.G. Gal, Quadrature rules for integrals of fuzzy-number-valued functions, Fuzzy Sets & Syst. 145 (2004) 359-380	2017		Mahaleh, Vahid Samadpour Khalifeh; Ezzati, Reza	Numerical solution of linear fuzzy Fredholm integral equations of second kind using iterative method and midpoint quadrature formula	J. of Intelligent and Fuzzy Syst. 33, no. 2 (2017) 1293-1302	
516.	B. Bede, S.G. Gal, Quadrature rules for integrals of fuzzy-number-valued functions, Fuzzy Sets & Syst. 145 (2004) 359-380	2017		Bica, Alexandru Mihai; Popescu, Constantin	Iterative numerical method for nonlinear fuzzy Volterra integral equations	J. of Intelligent and Fuzzy Syst. 32, no. 3 (2017) 1639-1648	

517.	S.G. Gal, Approximation by complex genuine Durrmeyer type polynomials in compact disks, Appl. Math. Comput. 217 (2010) 1913-1920	2017		Jiang, Bing; Yu, Dansheng	On Approximation by Stancu Type Bernstein-Schurer Polynomials in Compact Disks	Results in Mathematics 72, no. 3 (2017) 1623-1638	
518.	S.G. Gal, Approximation by complex genuine Durrmeyer type polynomials in compact disks, Appl. Math. Comput. 217 (2010) 1913-1920	2017		Gupta, Vijay; Malik, Neha	Approximation of functions by complex genuine Polya-Durrmeyer operators	Computational Methods and Function Theory 17, no. 1 (2017) 3-17	
519.	S.G. Gal, Voronovskaja's Theorem and Iterations for Complex Bernstein Polynomials in Compact Disks, Mediterranean J. Math. 5, no. 3 (2008) 253-272	2017		Ren, Mei-Ying; Zeng, Xiao-Ming; Zhang, Wen-Hui	Approximation by complex Stancu type summation-integral operators in compact disks	J. Comput. Anal. Appl. 23, no. 2 (2017) 365-376	
520.	G.A. Anastassiou, S.G. Gal, Approximation by complex Bernstein-Schurer and Kantorovich-Schurer polynomials in compact disks, Comput. Math. Appl. 58, no. 4 (2009) 734-743	2017		Jiang, Bing; Yu, Dansheng	On Approximation by Stancu Type Bernstein-Schurer Polynomials in Compact Disks	Results in Mathematics 72, no. 3 (2017) 1623-1638	
521	G.A. Anastassiou, S.G. Gal, Approximation by complex Bernstein-Schurer and Kantorovich-Schurer polynomials in compact disks, Comput. Math. Appl. 58, no. 4 (2009) 734-743	2017		Ren, Mei-Ying; Zeng, Xiao-Ming; Zhang, Wen-Hui	Approximation by complex Stancu type summation-integral operators in compact disks	J. Comput. Anal. Appl. 23, no. 2 (2017) 365-376	
522	S.G. Gal, V. Gupta, Quantitative estimates for a new complex Durrmeyer operator in compact disks, Appl. Math. Comput. 218 (2011) 2944-2951	2017		Gupta, Vijay; Ras-sias, Th. M.; Pandey, Ekta	On genuine Lupas-Beta operators and modulus of continuity	Int. J. Nonlinear Anal. Appl. 8, no. 1 (2017) 23-32	
523	S.G. Gal, V. Gupta, Quantitative estimates for a new complex Durrmeyer operator in compact disks, Appl. Math. Comput. 218 (2011) 2944-2951	2017		Jiang, Bing; Yu, Dansheng	On Approximation by Stancu Type Bernstein-Schurer Polynomials in Compact Disks	Results in Mathematics 72, no. 3 (2017) 1623-1638	
524	S.G. Gal, V. Gupta, Quantitative estimates for a new complex Durrmeyer operator in compact disks, Appl. Math. Comput. 218 (2011) 2944-2951	2017		Gupta, Vijay; Malik, Neha	Approximation of functions by complex genuine Polya-Durrmeyer operators	Computational Methods and Function Theory 17, no. 1 (2017) 3-17	

525.	S.G. Gal, Approximation by Complex Bernstein-Stancu Polynomials in Compact Disks, Results in Mathematics 53, no. 3-4 (2009) 245-256	2017		Jiang, Bing; Yu, Dansheng	On Approximation by Bernstein-Stancu Polynomials in Movable Compact Disks	Results in Mathematics 72, no. 3 (2017) 1535-1543	
526.	S.G. Gal, Approximation by Complex Bernstein-Stancu Polynomials in Compact Disks, Results in Mathematics 53, no. 3-4 (2009) 245-256	2017		Jiang, Bing; Yu, Dansheng	On Approximation by Stancu Type Bernstein-Schurer Polynomials in Compact Disks	Results in Mathematics 72, no. 3 (2017) 1623-1638	
527.	S.G. Gal, Approximation by Complex Bernstein-Stancu Polynomials in Compact Disks, Results in Mathematics 53, no. 3-4 (2009) 245-256	2017		Ren, Mei-Ying; Zeng, Xiao-Ming; Zhang, Wen-Hui	Approximation by complex Stancu type summation-integral operators in compact disks	J. Comput. Anal. Appl. 23, no. 2 (2017) 365-376	
528.	S.G. Gal, V. Gupta, Approximation by Complex Beta Operators of First Kind in Strips of Compact Disks, Mediterranean J. Math. 10, no. 1 (2013) 31-39	2017		Ren, Mei-Ying; Zeng, Xiao-Ming; Zhang, Wen-Hui	Approximation by complex Stancu type summation-integral operators in compact disks	J. Comput. Anal. Appl. 23, no. 2 (2017) 365-376	
529	S.G. Gal, Approximation in compact sets by q-Stancu-Faber polynomials, Comput. Math. Appl. 61, no. 10 (2011) 3003-3009	2017		Sheshko, M. A.; Pylak, D.; Wojcik, P.	Application of Faber Polynomials to the Approximate Solution of the Riemann Problem	Ukrainian Math. J. 68, no. 12 (2017) 1965-1974	
530	G.A. Anastassiou, L. Coroianu, S.G. Gal, Approximation by a nonlinear Cardaliaguet-Euvrard neural network operator of max-product kind, J. Comput. Anal. Appl. 12, no. 2 (2010) 396-406	2017		Costarelli, Danilo; Vinti, Gianluca	Convergence results for a family of Kantorovich max-product neural network operators in a multivariate setting	Math. Slovaca 67, no. 6 (2017) 1469-1480	
531	G.A. Anastassiou, L. Coroianu, S.G. Gal, Approximation by a nonlinear Cardaliaguet-Euvrard neural network operator of max-product kind, J. Comput. Anal. Appl. 12, no. 2 (2010) 396-406	2017		Costarelli, Danilo; Vinti, Gianluca	Saturation Classes for Max-Product Neural Network Operators Activated by Sig-moidal Functions	Results in Math. 72, no. 3 (2017) 1555-1569	
532	S.G. Gal, I. Sabadini, Approximation by polynomials on quaternionic compact sets, Math. Methods in Applied Sciences 38, no. 14 (2015) 3063-3074	2017		Chen, Yingwei; Ren, Guangbin	De La Vall,e Poussin Means in Hardy Spaces	Results in Math. 72, no. 3 (2017) 1585-1600	
533	L. Coroianu, S.G. Gal, Saturation and inverse results for the Bernstein	2017		Costarelli, Danilo; Vinti, Gianluca	Convergence results for a family of Kantorovich	Math. Slovaca 67, no. 6 (2017) 1469-1480	

	max-product operator, Periodica Math. Hungarica 69, no. 2 (2014) 126-133				max-product neural network operators in a multivariate setting		
534	L. Coroianu, S.G. Gal, Saturation and inverse results for the Bernstein max-product operator, Periodica Math. Hungarica 69, no. 2 (2014) 126-133	2017		Costarelli, Danilo; Vinti, Gianluca	Saturation Classes for Max-Product Neural Network Operators Activated by Sig-moidal Functions	Results in Math. 72, no. 3 (2017) 1555-1569	
535	S.G. Gal, O. J. Gonzalez-Cervantes, I. Sabadini, On some geometric properties of slice regular functions of a quaternion variable, Complex Var. & Elliptic Equations 60, no. 10 (2015) 1431-1455	2017		Bisi, Cinzia; Stoppato, Caterina	Landau's theorem for slice regular functions on the quaternionic unit ball	Int. J. Math. 28, no. 3 (2017) Article Number: 1750017	
536	S.G. Gal, O. J. Gonzalez-Cervantes, I. Sabadini, On some geometric properties of slice regular functions of a quaternion variable, Complex Var. & Elliptic Equations 60, no. 10 (2015) 1431-1455	2017		Gori, Anna; Vlacci, Fabio	STARLIKENESS FOR FUNCTIONS OF A HYPERCOMPLE X VARIABLE	Proc. of the American Math. Soc. 145, no. 2 (2017) 791-804	
537	S.G. Gal, O. J. Gonzalez-Cervantes, I. Sabadini, On some geometric properties of slice regular functions of a quaternion variable, Complex Var. & Elliptic Equations 60, no. 10 (2015) 1431-1455	2017		Grigor'ev, Yu. M.	Regular quaternionic polynomials and their properties	Complex Var. & Elliptic Equations 62, no. 9 (2017) 1343-1363	
538	C.G. Gal, S.G. Gal, J.A. Goldstein, Wave and telegraph equations with real time variable and complex spatial variables, Complex Var. & Elliptic Equations 57, no. 1 (2012) 91-109	2017		Calleja, Renato C.; Celletti, Alessandra; Corsi, Livia; et al.	RESPONSE SOLUTIONS FOR QUASI-PERIODICALLY FORCED, DISSIPA-TIVE WAVE EQUATIONS	SIAM J. Math. Anal. 49, no. 4 (2017) 3161-3207	
539	S.G. Gal, O. J. Gonzalez-Cervantes, I. Sabadini, Univalence results for slice regular functions of a quaternion variable, Complex Var. & Elliptic Equations 60, no. 10 (2015) 1346-1365	2017		Ren, Guangbin; Wang, Xieping	GROWTH AND DISTORTION THEOREMS FOR SLICE MONOGENIC FUNCTIONS	Pacific J. Math. 290 (2017) 169-198	
540.	S.G. Gal, O. J. Gonzalez-Cervantes, I. Sabadini, Univalence results for slice regular functions of a quaternion variable,	2017		Bisi, Cinzia; Stoppato, Caterina	Landau's theorem for slice regular functions on the quaternionic unit ball	Int. J. Math. 28, no. 3 (2017) Article Number: 1750017	

	Complex Var. & Elliptic Equations 60, no. 10 (2015) 1346-1365						
541.	H. Oros, C. Popescu, A Secure and Efficient Off-line Electronic Payment System for Wireless Networks, Int. J. Computers Commun. & Control 5, no. 4, pp. 551-557, 2010	2017		M.A.R. Kutubi, K.M.R. Alam, R. Tahsin	An offline electronic payment system based on an untraceable blind signature scheme	KSII Trans. on Internet & Information Syst. 11, no. 5 (2017) 2628-2645	
542.	Lin, Lai-Jiu; Balaj, Mircea; Ye, Yu-Chia, Quasi-variational relation problems and generalized Ekeland's variational principle with applications, Optimization 63, no. 9 (2014) 1353-1365	2017		Gutiérrez, C.; Kassay, G.; Novo, V.; Ródenas-Pedregosa, J. L.	Ekeland variational principles in vector equilibrium problems	SIAM J. Optim. 27 (2017), no. 4, 2405—2425	1052 - 6234
543.	M. Balaj, Coincidence and maximal element theorems and their applications to generalized equilibrium problems and minimax inequalities, Nonlin. Anal. Theory Meth. Appl. 68, no. 12 (2008) 3962-3971	2017		Khanh, Phan Quoc; Long, Vo Si Trong	Fixed Points, Continuous Selections, and Existence of Solution of Optimization-Related Problems	Numer. Funct. Anal. Optim. 39 (2018), no. 1, 100--125	0163 - 0563
544.	M. Balaj, Coincidence and maximal element theorems and their applications to generalized equilibrium problems and minimax inequalities, Nonlin. Anal. Theory Meth. Appl. 68, no. 12 (2008) 3962-3971	2017		Patriche, Monica	Applications of the KKM property to coincidence theorems, equilibrium problems, minimax inequalities and variational relation problems	Numer. Funct. Anal. Optim. 38 (2017), no. 4, 523—548	0163 - 0563
545.	M. Balaj, An intersection theorem with applications in minimax theory and equilibrium problem, JMAA 336, no. 1 (2007) 363-371	2017		Benedetti, Irene; Martellotti, Anna	Multivalued Minimax Relations with Applications	MINIMAX THEORY AND ITS APPL. 1, no. 2 (2017) 307-332	2199 - 1413
546.	M. Balaj, An intersection theorem with applications in minimax theory and equilibrium problem, JMAA 336, no. 1 (2007) 363-371	2017		Patriche, Monica	Applications of the KKM property to coincidence theorems, equilibrium problems, minimax inequalities and variational relation problems	Numer. Funct. Anal. Optim. 38 (2017), no. 4, 523—548	0163 - 0563
547.	Balaj, M.; Luc, Dinh The, On mixed variational relation problems, Comput. Math. Appl. 60 (2010), no. 9,	2017		Inoan, Daniela	Variational relations problems via fixed points of contraction mappings	Fixed Point Theory Appl. 19 (2017), no. 2, 1571--1580	1661 - 7738

	2712—2722						
548.	Agarwal, R. P.; Balaj, M.; O'Regan, D., Variational relation problems in a general setting, JOURNAL OF FIXED POINT THEORY AND APPLICATIONS 18, no. 3 (2016) 479-493	2017		Inoan, Daniela	Variational relations problems via fixed points of contraction mappings	Fixed Point Theory Appl. 19 (2017), no. 2, 1571--1580	1661 - 7738
549.	Balaj, M. Lin L.J, Generalized variational relation problems with applications. J. Optim. Theory Appl. 148 (2011), no. 1, 1-13	2017		Inoan, Daniela	Variational relations problems via fixed points of contraction mappings	Fixed Point Theory Appl. 19 (2017), no. 2, 1571--1580	1661 - 7738
550.	Balaj, M.; Lin, Lai-Jiu, Fixed points, coincidence points and maximal elements with applications to generalized equilibrium problems and minimax theory, NONLINEAR ANAL. THEORY METH. APPL. 70, no. 1 (2009) 393-403	2017		Mitrović, Zoran D.; Aranđelović, Ivan D.	Generalized scalar equilibrium problem with applications to best and coupled best approximations	J. Fixed Point Theory Appl. 19 (2017), no. 2, 1613--1624	1661 - 7738
551.	Balaj, M.; Lin, Lai-Jiu, Fixed points, coincidence points and maximal elements with applications to generalized equilibrium problems and minimax theory, NONLINEAR ANAL. THEORY METH. APPL. 70, no. 1 (2009) 393-403	2017		Patriche, Monica	Applications of the KKM property to coincidence theorems, equilibrium problems, minimax inequalities and variational relation problems	Numer. Funct. Anal. Optim. 38 (2017), no. 4, 523—548	0163 - 0563
552.	Balaj, M. A common fixed point theorem with applications to vector equilibrium problems, Appl. Math. Lett. 23 (2010), no. 3, 241—245	2017		Alizadeh, Camellia Ghaem; Vaezpour, S. Mansour	Existence results for different type of generalized vector equilibrium problems	COGENT MATHEMATICS Volume: 4 Article Number: 1307539	2331 - 1835
553.	Balaj, M. A common fixed point theorem with applications to vector equilibrium problems, Appl. Math. Lett. 23 (2010), no. 3, 241—245	2017		Dai, Xiongping	A fixed point theorem of Markov-Kakutani type for a commuting family of convex multivalued maps	Fixed Point Theory 18 (2017), no. 1, 155--165	1583 - 5022
554.	Balaj, M. A common fixed point theorem with applications to vector equilibrium problems, Appl. Math. Lett. 23 (2010), no. 3, 241—245	2017		Sarvestani, Farzaneh Nikbakht; V. S. Mansour; Asadi, Mehdi	A characterization of the generalized KKM mappings via the measure of noncompactness in complete geodesic spaces S	JOURNAL OF NONLINEAR FUNCTIONAL ANALYSIS Article Number: 8	2052 - 532X

555.	Balaj, M. Solutions existence for two types of mixed variational relation problems, Appl. Anal. 95 (2016), no. 2, 426—443	2017		Patriche, Monica	Applications of the KKM property to coincidence theorems, equilibrium problems, minimax inequalities and variational relation problems	Numer. Funct. Anal. Optim. 38 (2017), no. 4, 523—548	0163 - 0563
556.	Agarwal, R. P.; Balaj, M.; O'Regan, D., Common fixed point theorems and minimax inequalities in locally convex Hausdorff topological vector spaces, APPLICABLE ANALYSIS 88, no. 12 (2009) 1691-1699	2017		Dai, Xiongping	A fixed point theorem of Markov-Kakutani type for a commuting family of convex multivalued maps	Fixed Point Theory 18 (2017), no. 1, 155--165	1583 - 5022
557.	A. Cătaş, On certain classes of p-valent functions defined by multiplier transformations, Proceedings Book of the International Symposium on Geometric Function Theory and Applications, August 20-24, 2007, TC Istanbul Kultur University, Turkey, 241-250	2017		Aouf, M. K.; Mostafa, A. O.	Fekete-Szegö Result for Classes of p-Valent Functions Defined by Convolution	Southeast Asian Bulletin of Mathematics . 2017, Vol. 41 Issue 5, p627-635	
558.	A. Cătaş, On certain classes of p-valent functions defined by multiplier transformations, Proceedings Book of the International Symposium on Geometric Function Theory and Applications, August 20-24, 2007, TC Istanbul Kultur University, Turkey, 241-250	2017		A. Alb-Lupas	On special fuzzy differential subordinations using multiplier transformation	J. Comput. Anal. Appl. 23, no. 6 (2017) 1029-1035	1521 - 1398
559.	G. I. Oros, Strong differential superordination, Acta Universitatis Apulensis, No.19/ 2009 pp.101-106	2017		R. Aghalary, P.Arjomandinia , A. Ebadian	Application of strong differential superordination to a general equation	Rocky Mountain J. Mathematics, 47, no 2, 2017, pp. 383 – 390	0035 - 7596
560.	H. M. Srivastava, J. K. Prajapat, G. I. Oros, R. Şendruțiu, Geometric Properties of a Certain General Family of Integral Operators, Filomat 28:4 (2014), 745–754	2017		Zhi-Gang Wang and Ming-Liang Li	Some Properties of Certain Family of Multiplier Transforms	Filomat, Vol. 31, No. 1, (2017), pp. 159-173	0354 - 5180
561.	G. I. Oros, Gh. Oros,	2017		Ioan Dzitac,	Fuzzy Logic Is Not	Int. J. Computers,	1841

	Dominants and best dominants in fuzzy differential subordinations, Stud. Univ. Babeș-Bolyai Math. 57 (2012), No. 2, 239–248			Florin Gheorghe Filip, Misu-Jan Manolescu	Fuzzy: World-renowned Computer Scientist Lotfi A. Zadeh	Commun. & Control 12, No 6 (2017), 748 – 789	- 9836
562.	G. I. Oros, Gh. Oros, The notion of subordination in fuzzy sets theory, General Mathematics, Vol. 19, No. 4 (2011), 97–103	2017		Ioan Dzitac, Florin Gheorghe Filip, Misu-Jan Manolescu	Fuzzy Logic Is Not Fuzzy: World-renowned Computer Scientist Lotfi A. Zadeh	Int. J. Computers, Commun. & Control 12, No 6 (2017), 748 – 789	1841 - 9836
563.	G. I. Oros, Gh. Oros, Dominants and best dominants in fuzzy differential subordinations, Stud. Univ. Babeș-Bolyai Math. 57 (2012), No. 2, 239–248	2017		A. Alb-Lupas	On special fuzzy differential subordinations using multiplier transformation	J. Comput. Anal. Appl. 23, no. 6 (2017) 1029-1035	1521 - 1398
564.	G. I. Oros, Gh. Oros, The notion of subordination in fuzzy sets theory, General Mathematics, Vol. 19, No. 4 (2011), 97–103	2017		A. Alb-Lupas	On special fuzzy differential subordinations using multiplier transformation	J. Comput. Anal. Appl. 23, no. 6 (2017) 1029-1035	1521 - 1398
565.	G. I. Oros, Gh. Oros, Fuzzy differential subordinations, Acta Universitatis Apulensis, No. 30/2012, pp.55-64	2017		A. Alb-Lupas	On special fuzzy differential subordinations using multiplier transformation	J. Comput. Anal. Appl. 23, no. 6 (2017) 1029-1035	1521 - 1398
566.	A. I. Ban, A. Brandas, L. Coroianu, O. Nica. C. Negrutiu, Approximations of fuzzy numbers by trapezoidal fuzzy numbers preserving the ambiguity and value, Computers and Mathematics with Applications, 161 (2011) 1379-1401	2017		Wang, Guixiang; Li, Yun	Ranking of Multidimensional Uncertain Information Based on Metrics on the Fuzzy Ellipsoid Number Space	IEEE TRANSACTIONS ON FUZZY SYSTEMS Volume: 25 Issue: 3 Pages: 614-626	
567.	A. I. Ban, A. Brandas, L. Coroianu, O. Nica. C. Negrutiu, Approximations of fuzzy numbers by trapezoidal fuzzy numbers preserving the ambiguity and value, Computers and Mathematics with Applications, 161 (2011) 1379	2017		Yeh, Chi-Tsuen	Existence of interval, triangular, and trapezoidal approximations of fuzzy numbers under a general condition	FUZZY SETS AND SYSTEMS Volume: 310 Pages: 1-13	
568.	A. I. Ban, A. Brandas, L. Coroianu, O. Nica. C. Negrutiu, Approximations of fuzzy numbers by trapezoidal fuzzy numbers preserving the ambiguity and value, Computers and Mathematics with	2017		Li, Shuyang; Yuan, Xuehai; Li, Hongxing	Approximation of intuitionistic fuzzy numbers by trapezoidal intuitionistic fuzzy numbers	JOURNAL OF INTELLIGENT & FUZZY SYSTEMS Volume: 33 Issue: 1 Pages: 389-402	

	Applications, 161 (2011) 1379						
569.	A. I. Ban, L. Coroianu, Nearest interval, triangular and trapezoidal approximation of fuzzy number preserving ambiguity, International Journal of Approximate Reasoning, 5 (2012), 805-836	2017		Asuncion Lubiano, Maria; Salas, Antonia; Angeles Gil, Maria	A hypothesis testing-based discussion on the sensitivity of means of fuzzy data with respect to data shape	FUZZY SETS AND SYSTEMS Volume: 328 Pages: 54-69	
570.	A. I. Ban, L. Coroianu, Nearest interval, triangular and trapezoidal approximation of fuzzy number preserving ambiguity, International Journal of Approximate Reasoning, 5 (2012), 805-836	2017		Yao, Yiyu; Wang, Shu; Deng, Xiaofei	Constructing shadowed sets and three-way approximations of fuzzy sets	INFORMATION SCIENCES Volume: 412 Pages: 132-153	
571.	A. I. Ban, L. Coroianu, Nearest interval, triangular and trapezoidal approximation of fuzzy number preserving ambiguity, International Journal of Approximate Reasoning, 5 (2012), 805-836	2017		Collan, Mikael; Fedrizzi, Mario; Luukka, Pasi	Possibilistic risk aversion in group decisions: theory with application in the insurance of giga-investments valued through the fuzzy pay-off method	SOFT COMPUTING Volume: 21 Issue: 15 Special Issue: SI Pages: 4375-4386	
572.	A. I. Ban, L. Coroianu, Nearest interval, triangular and trapezoidal approximation of fuzzy number preserving ambiguity, International Journal of Approximate Reasoning, 5 (2012), 805-836	2017		Alfonso, G.; Lopez de Hierro, A. F. Roldan; Roldan, C	A fuzzy regression model based on finite fuzzy numbers and its application to real-world financial data	J. COMPUTATIONAL & APPLIED MATHEMATICS 318 Special Issue: SI Pages: 47-58	
573.	A. I. Ban, L. Coroianu, Nearest interval, triangular and trapezoidal approximation of fuzzy number preserving ambiguity, International Journal of Approximate Reasoning, 5 (2012), 805-836	2017		Yeh, Chi-Tsuen	Existence of interval, triangular, and trapezoidal approximations of fuzzy numbers under a general condition	FUZZY SETS AND SYSTEMS Volume: 310 Pages: 1-13	
574.	A. I. Ban, L. Coroianu, Nearest interval, triangular and trapezoidal approximation of fuzzy number preserving ambiguity, International Journal of Approximate Reasoning, 5 (2012), 805-836	2017		Li, Shuyang; Yuan, Xuehai; Li, Hongxing	Approximation of intuitionistic fuzzy numbers by trapezoidal intuitionistic fuzzy numbers	JOURNAL OF INTELLIGENT & FUZZY SYSTEMS Volume: 33 Issue: 1 Pages: 389-402	
575.	A. I. Ban, L. Coroianu, Nearest interval,	2017		Liu, Shihu; Chen, Xiaozhou	Random walk-based similarity	OPEN PHYSICS Volu	

	triangular and trapezoidal approximation of fuzzy number preserving ambiguity, International Journal of Approximate Reasoning, 5 (2012), 805-836				measure method for patterns in complex object	me: 15 Issue: 1 Pages: 154-159	
576.	A. I. Ban, L. Coroianu, Metric properties of the nearest extended parametric fuzzy number and applications, International J. Approximate Reasoning, 52 (2011) 488-500	2017		Yeh, Chi-Tsuen	Existence of interval, triangular, and trapezoidal approximations of fuzzy numbers under a general condition	FUZZY SETS AND SYSTEMS Volume: 310 Pages: 1-13	
577.	A. I. Ban, L. Coroianu, Metric properties of the nearest extended parametric fuzzy number and applications, International J. Approximate Reasoning, 52 (2011) 488	2017		Huang, Huan; Wu, Congxin; Xie, Jialiang; et al.	Approximation of fuzzy numbers using the convolution method	FUZZY SETS AND SYSTEMS Volume: 310 Pages: 14-46	
578.	A. I. Ban, L. Coroianu, Metric properties of the nearest extended parametric fuzzy number and applications, International J. Approximate Reasoning, 52 (2011) 488	2017		Li, Shuyang; Yuan, Xuehai; Li, Hongxing	Approximation of intuitionistic fuzzy numbers by trapezoidal intuitionistic fuzzy numbers	JOURNAL OF INTELLIGENT & FUZZY SYSTEMS Volume: 33 Issue: 1 Pages: 389-402	
579.	L. Coroianu, Lipschitz functions and fuzzy number approximations, Fuzzy Sets & Systems, 200 (2012), 116-135	2017		Wang, Guixiang; Li, Yun	Ranking of Multidimensional Uncertain Information Based on Metrics on the Fuzzy Ellipsoid Number Space	IEEE TRANSACTIONS ON FUZZY SYSTEMS Volume: 25 Issue: 3 Pages: 614-626	
580.	L. Coroianu, Lipschitz functions and fuzzy number approximations, Fuzzy Sets & Systems, 200 (2012), 116-135	2017		Huang, Huan; Wu, Congxin; Xie, Jialiang; et al.	Approximation of fuzzy numbers using the convolution method	FUZZY SETS AND SYSTEMS Volume: 310 Pages: 14-46	
581.	L. Coroianu, Lipschitz functions and fuzzy number approximations, Fuzzy Sets & Systems, 200 (2012), 116-135	2017		Ezzati, R.; Sadatrasoul, S. M.	On numerical solution of two-dimensional nonlinear Urysohn fuzzy integral equations based on fuzzy Haar wavelets	FUZZY SETS AND SYSTEMS Volume: 309 Pages: 145-164	
582.	L. Coroianu, Lipschitz functions and fuzzy number approximations, Fuzzy Sets & Systems, 200 (2012), 116-135	2017		Yeh, Chi-Tsuen	Existence of interval, triangular, and trapezoidal approximations of fuzzy numbers under a general condition	FUZZY SETS AND SYSTEMS Volume: 310 Pages: 1-13	

583.	A. I. Ban, L. Coroianu, Discontinuity of the trapezoidal fuzzy number-valued operators preserving core, Computers and Mathematics with Applications, 62 (2011) 3103-3110	2017		Yeh, Chi-Tsuen	Existence of interval, triangular, and trapezoidal approximations of fuzzy numbers under a general condition	FUZZY SETS AND SYSTEMS Volume: 310 Pages: 1-13	
584.	L. Coroianu, M. Gagolewski, P. Grzegorzewski, Nearest piecewise approximation of fuzzy numbers, Fuzzy Sets & Systems, 233 (2013) 26-51	2017		Wang, Guixiang; Li, Yun	Ranking of Multidimensional Uncertain Information Based on Metrics on the Fuzzy Ellipsoid Number Space	IEEE TRANSACTIONS ON FUZZY SYSTEMS Volume: 25 Issue: 3 Pages: 614-626	
585.	L. Coroianu, M. Gagolewski, P. Grzegorzewski, Nearest piecewise approximation of fuzzy numbers, Fuzzy Sets & Systems, 233 (2013) 26-51	2017		Wang, Guixiang; Han, Yingying; Li, Xinkun	Fixed Point Theorems of Fuzzy Integer Value Mappings and Optimization Management to Balance Problem	INTERNATIONAL JOURNAL OF FUZZY SYSTEMS Volume: 19 Issue: 3 Pages: 829-837	
586.	L. Coroianu, M. Gagolewski, P. Grzegorzewski, Nearest piecewise approximation of fuzzy numbers, Fuzzy Sets & Systems, 233 (2013) 26-51	2017		Yeh, Chi-Tsuen	Existence of interval, triangular, and trapezoidal approximations of fuzzy numbers under a general condition	FUZZY SETS AND SYSTEMS Volume: 310 Pages: 1-13	
587.	L. Coroianu, M. Gagolewski, P. Grzegorzewski, Nearest piecewise approximation of fuzzy numbers, Fuzzy Sets & Systems, 233 (2013) 26-51	2017		Wang, Guixiang; Li, Jing	Approximations of fuzzy numbers by step type fuzzy numbers	FUZZY SETS AND SYSTEMS Volume: 310 Pages: 47-59	
588.	L. Coroianu, M. Gagolewski, P. Grzegorzewski, Nearest piecewise approximation of fuzzy numbers, Fuzzy Sets & Systems, 233 (2013) 26-51	2017		Wang, Tengfei; Yang, Yiheng; Wang, G.	Constructing of fuzzy integer valued mapping and the application of its integral	JOURNAL OF INTELLIGENT & FUZZY SYSTEMS 33, no. 3,1855-1866	
589.	A. I. Ban, L. Coroianu, Simplifying the search for effective ranking of fuzzy numbers, IEEE Transactions on Fuzzy Systems, 23 (2015) 327-339	2017		Brunelli, Matteo; Mezei, Jozsef	An inquiry into approximate operations on fuzzy numbers	INTERNATIONAL J. OF APPROXIMATE REASONING 81 Pages: 147-159	
590.	A.I. Ban, L. Coroianu, Existence, uniqueness and continuity of trapezoidal approximations of fuzzy numbers under a general condition, Fuzzy Sets and Systems, 257 (2014), 3-22	2017		Asuncion Lubiano, Maria; Salas, Antonia; Angeles Gil, Maria	A hypothesis testing-based discussion on the sensitivity of means of fuzzy data with respect to data shape	FUZZY SETS AND SYSTEMS Volume: 328 Pages: 54-69	

591.	A.I. Ban, L. Coroianu, Existence, uniqueness and continuity of trapezoidal approximations of fuzzy numbers under a general condition, Fuzzy Sets and Systems, 257 (2014), 3-22	2017		Yeh, Chi-Tsuen	Existence of interval, triangular, and trapezoidal approximations of fuzzy numbers under a general condition	FUZZY SETS AND SYSTEMS Volume: 310 Pages: 1-13	
592.	A.I. Ban, L. Coroianu, Existence, uniqueness and continuity of trapezoidal approximations of fuzzy numbers under a general condition, Fuzzy Sets and Systems, 257 (2014), 3-22	2017		Li, Shuyang; Yuan, Xuehai; Li, Hongxing	Approximation of intuitionistic fuzzy numbers by trapezoidal intuitionistic fuzzy numbers	JOURNAL OF INTELLIGENT & FUZZY SYSTEMS Volume: 33 Issue: 1 Pages: 389-402	
593.	A.I. Ban, L. Coroianu, A. Khastan, Conditioned weighted L-R approximations of fuzzy numbers, Fuzzy Sets & Systems, 283 (2016), 56-82	2017		Jorba, Lambert; Adillon, Roma	A Generalization of Trapezoidal Fuzzy Numbers Based on Modal Interval Theory	SYMMETRY-BASEL Volume: 9 Issue: 10 Article Number: 198	
594.	A.I. Ban, L. Coroianu, A. Khastan, Conditioned weighted L-R approximations of fuzzy numbers, Fuzzy Sets & Systems, 283 (2016), 56-82	2017		Adillon, Roma; Jorba, Lambert	Quantified trapezoidal fuzzy numbers	J. INTELLIGENT & FUZZY SYSTEMS Volume: 33 Issue: 1 Pages: 601-611	
595.	L. Coroianu, L. Stefanini, General approximation of fuzzy numbers by F-transform, Fuzzy Sets and Systems, 288 (2016) 46-74	2017		Asuncion Lubiano, Maria; Salas, Antonia; Angeles Gil, Maria	A hypothesis testing-based discussion on the sensitivity of means of fuzzy data with respect to data shape	FUZZY SETS AND SYSTEMS Volume: 328 Pages: 54-69	
596.	L. Coroianu, L. Stefanini, General approximation of fuzzy numbers by F-transform, Fuzzy Sets and Systems, 288 (2016) 46-74	2017		Stefanini, Luciano; Guerra, Maria Letizia	On possibilistic representations of fuzzy intervals	INFORMATION SCIENCES Volume: 405 Pages: 33-54	
597.	L. Coroianu, L. Stefanini, General approximation of fuzzy numbers by F-transform, Fuzzy Sets and Systems, 288 (2016) 46-74	2017		Huang, Huan; Wu, Congxin; Xie, J.; et al.	Approximation of fuzzy numbers using the convolution method	FUZZY SETS AND SYSTEMS Volume: 310 Pages: 14-46	
598.	A.I. Ban, L. Coroianu, A method to obtain trapezoidal approximations of intuitionistic fuzzy numbers from trapezoidal approximations of fuzzy numbers, 13-th Int. Conf. on IFSs, Sofia 9-10 May 2009, Notes on Intuitionistic Fuzzy Sets	2017		S. Li, H. Li	An approximation method of intuitionistic fuzzy numbers	Journal of Intelligent and Fuzzy Systems, 32 (2017) 4343-4355	

	15 (2009), 13-25						
599.	A.I. Ban, L. Coroianu, Approximate solutions preserving parameters of intuitionistic fuzzy linear systems, Notes on Intuitionistic Fuzzy Sets, 17 (2011), 58-70	2017		S. Li, H. Li	An approximation method of intuitionistic fuzzy numbers	Journal of Intelligent and Fuzzy Systems, 32 (2017) 4343-4355	
600.	A. M. Bica, M. Curila, S. Curila, About a numerical method of successive interpolations for functional Hammerstein integral equations, J. of Comput. & Applied Mathematics, 236 (2012) 2005-2024	2017		M. Erfanian, A. Akrami	RH wavelet bases to approximate solution of nonlinear Fredholm Hammerstein integral equations in complex plane	Math. and Computer Modelling of Dyn. Syst. 2017, pp. 11-118	1381 - 2424
601.	Bede, B; Gal, SG, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets. & Syst. 151 (2005) 581-599	2018		M Mazandarani, N Pariz	Granular di_erentiability of fuzzy-number-valued functions	IEEE Trans-actions on Fuzzy Syst.	
602.	Bede, B; Gal, SG, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets. & Syst. 151 (2005) 581-599	2018		A Ahmadian, S Salahshour, CS Chan	Numerical solutions of fuzzy differential equations by an effcient RungeKutta method with gener-alized differentiability	Fuzzy Sets. & Syst.	
603.	Bede, B; Gal, SG, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets. & Syst. 151 (2005) 581-599	2018		E Esmi, P Sussner, GBD Igncio, LC de Barros	A parametrized sum of fuzzy numbers with applications to fuzzy initial value problems	Fuzzy Sets. & Syst.	
604.	Bede, B; Gal, SG, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets. & Syst. 151 (2005) 581-599	2018		M Alaroud, M Al-Smadi, RR Ahmad, S Din	Computational optimization of residual power series algorithm for certain classes of fuzzy fractional differential equations	International Journal of Math	
605.	Bede, B; Gal, SG, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets. & Syst. 151 (2005) 581-599	2018		NA Gasilov, E Amrahov	Solving a nonhomogeneous linear system of interval differential equations	Soft Computing	

606.	Bede, B; Gal, SG, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets. & Syst. 151 (2005) 581-599	2018		H Roman-Flores, Y Chalco-Cano	Some integral inequalities for interval-valued functions	Comput. and Applied Math.	
607.	Bede, B; Gal, SG, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets. & Syst. 151 (2005) 581-599	2018		M Chehlabi	Continuous solutions to a class of first-order fuzzy differential equations with discontinuous coefficients	Comput. and Applied Math.	
608.	Bede, B; Gal, SG, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets. & Syst. 151 (2005) 581-599	2018		TM da Costa, Y Chalco-Cano, WA Lodwick	A new approach to linear interval di_erential equations as a _rst step toward solving fuzzy di_er-ential	Fuzzy Sets. & Syst.	
609.	Bede, B; Gal, SG, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets. & Syst. 151 (2005) 581-599	2018		M Mazandarani, Y Zhao	Fuzzy Bang-Bang control problem under granular differentiability	J. of the Franklin Institute	
610.	Bede, B; Gal, SG, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets. & Syst. 151 (2005) 581-599	2018		R Osuna-Gmez, Y Chalco-Cano	Optimality conditions for fuzzy constrained programming problems	Fuzzy Sets. & Syst.	
611.	Bede, B; Gal, SG, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets. & Syst. 151 (2005) 581-599	2018		JJ Font, D Sanchis, M Sanchis	Completeness, metrizability and compactness in spaces of fuzzy-number-valued functions	Fuzzy Sets. & Syst.	
612.	Bede, B; Gal, SG, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets. & Syst. 151 (2005) 581-599	2018		A Bandyopadhyay, S Kar	System of type-2 fuzzy differential equations and its applications	Neural Computing and Applications	
613.	Bede, B; Gal, SG, Generalizations of the	2018		S Biswas, TK Roy	A semianalytical method for fuzzy	Soft Computing	

	differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets. & Syst. 151 (2005) 581-599				integro-di_erential equations under generalized Seikkala derivative		
614.	Bede, B; Gal, SG, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets. & Syst. 151 (2005) 581-599	2018		ND Phu, NN Hung	Minimum stability control problem and time-optimal control problem for fuzzy linear control systems	Fuzzy Sets. & Syst.	
615.	Bede, B; Gal, SG, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets. & Syst. 151 (2005) 581-599	2018		RA Aliev, W Pedrycz, OH Huseynov	Hukuhara difference of Z-numbers	Information Sciences	
616.	Bede, B; Gal, SG, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets. & Syst. 151 (2005) 581-599	2018		NTK Son	A foundation on semigroups of operators defined on the set of triangular fuzzy numbers and its application to fuzzy fractional evolution equations	Fuzzy Sets and Systems	
617.	Bede, B; Gal, SG, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets. & Syst. 151 (2005) 581-599	2018		M Zeinali, S Shahmorad	An equivalence lemma for a class of fuzzy implicit integro-differential equations	Journal of Computational and Applied Math.	
618.	Bede, B; Gal, SG, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets. & Syst. 151 (2005) 581-599	2018		R Abdollahi, A Khastan, JJ Nieto	On the linear fuzzy model associated with CaputoFabrizio operator	Boundary Value Problems	
619.	Bede, B; Gal, SG, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets. & Syst. 151 (2005) 581-599	2018		RG Moghaddam, T Allahviranloo	On the fuzzy Poisson equation	Fuzzy Sets. & Syst.	
620.	Bede, B; Gal, SG, Generalizations of the differentiability of fuzzy-	2018		K Kanagarajan, R Suresh	Runge-Kutta method for solving fuzzy differential	Computational and Applied Mathematics	

	number-valued functions with applications to fuzzy differential equations, Fuzzy Sets. & Syst. 151 (2005) 581-599				equations under generalized differentiability		
621.	Bede, B; Gal, SG, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets. & Syst. 151 (2005) 581-599	2018		M Chehlabi, T Allahviranloo	Positive or negative solutions to first-order fully fuzzy linear differential equations under generalized differentiability	Applied Soft Computing	
622.	Bede, B; Gal, SG, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets. & Syst. 151 (2005) 581-599	2018		NA Gasilov, AG Fatullayev, E Amrahov	Solution method for a non-homogeneous fuzzy linear system of differential equations	Applied Soft Computing	
623.	Bede, B; Gal, SG, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets. & Syst. 151 (2005) 581-599	2018		N Van Hoa, H Vu, TM Duc	Fuzzy fractional differential equations under Caputo-Katugampola fractional derivative approach	Fuzzy Sets. & Syst.	
624.	Bede, B; Gal, SG, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets. & Syst. 151 (2005) 581-599	2018		C Wang, RP Agarwal, D O'Regan	Calculus of fuzzy vector-valued functions and almost periodic fuzzy vector-valued functions on time scales,	Fuzzy Sets. & Syst.	
625.	Bede, B; Gal, SG, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets. & Syst. 151 (2005) 581-599	2018		L Stefanini, M Arana-Jimnez	Karush-Kuhn-Tucker conditions for interval and fuzzy optimization in several variables under total and directional generalized differentiability	Fuzzy Sets. & Syst.	
626.	Bede, B; Gal, SG, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets. & Syst. 151 (2005) 581-599	2018		NTK Son, NP Dong	Asymptotic behavior of - solutions of evolution equations with uncertainties	Journal of Fixed Point Theory and Applications	
627.	Bede, B; Gal, SG, Generalizations of the differentiability of fuzzy-number-valued functions	2018		Z Gong, Y Hao	Fuzzy Laplace transform based on the Henstock integral and its	Fuzzy Sets. & Syst.	

	with applications to fuzzy differential equations, Fuzzy Sets. & Syst. 151 (2005) 581-599				applications in discontinuous fuzzy systems		
628.	Bede, B; Gal, SG, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets. & Syst. 151 (2005) 581-599	2018		A Bandyopadhyay, S Kar	On fuzzy type-1 and type-2 stochastic ordinary and partial di_erential equations and numerical solution	Soft Computing	
629.	Bede, B; Gal, SG, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets. & Syst. 151 (2005) 581-599	2018		TM Costa, H Roman-Flores, Y Chalco-Cano	Opial-type inequalities for interval-valued functions	Fuzzy Sets. & Syst.	
630.	Bede, B; Gal, SG, Generalizations of the differentiability of fuzzy-number-valued functions with applications to fuzzy differential equations, Fuzzy Sets. & Syst. 151 (2005) 581-599	2018		S. Salahshour, A Ahmadian, S Abbasbandy	M-fractional derivative under interval uncertainty: Theory, properties and applications	Chaos, Solitons and Fractals	
631.	Bede, B; Gal, SG, Almost periodic fuzzy-number-valued functions, Fuzzy Sets. & Syst. 147 (2004) 385-403	2018		A Ahmadian, S Salahshour, CS Chan	Numerical solutions of fuzzy differential equations by an efficient Runge-Kutta method with generalized differentiability	Fuzzy Sets. & Syst.	
632.	Bede, B; Gal, SG, Almost periodic fuzzy-number-valued functions, Fuzzy Sets. & Syst. 147 (2004) 385-403	2018		K Kanagarajan, R Suresh	Runge-Kutta method for solving fuzzy differential equations under generalized differentiability	Computational and Applied Mathematics	
633.	Bede, B; Gal, SG, Almost periodic fuzzy-number-valued functions, Fuzzy Sets. & Syst. 147 (2004) 385-403	2018		E Yavuz	Tauberian theorems for statistical summability methods of sequences of fuzzy numbers	Soft Computing	
634.	Bede, B; Gal, SG, Almost periodic fuzzy-number-valued functions, Fuzzy Sets. & Syst. 147 (2004) 385-403	2018		C Wang, RP Agarwal, D O'Regan	Calculus of fuzzy vector-valued functions and almost periodic fuzzy vector-valued functions on time scales	Fuzzy Sets. & Syst.	
635.	A. M. Bica, The numerical method of successive interpolations	2018		D. Barrera, F. Elmokhtari, D. Sbibih	Two methods based on bivariate spline quasi- interpolants	Appl. Numer. Math. 127 (2018) 78-94	

	for Fredholm functional integral equations, Numerical Algorithms, 58 (2011) 351-377				for solving Fredholm integral equations		
636.	A. M. Bica, Fitting data using optimal Hermite type cubic interpolating splines, Applied Math. Letters, 25, no.12 (2012) 2047-2051	2018		X. Han, X. Guo	Cubic Hermite interpolation with minimal derivative oscillation	J. Comput. Appl. Math. 331 (2018) 82-87	
637.	A.M. Bica, Optimizing at the end-points the Akima's interpolation method of smooth curve fitting, Computer Aided Geometric Design 31 (2014) 245-257	2018		X. Han, X. Guo	Cubic Hermite interpolation with minimal derivative oscillation	J. Comput. Appl. Math. 331 (2018) 82-87	
638.	A. M. Bica, M. Curila, S. Curila, Two-point boundary value problems associated to functional differential equations of even order solved by iterated splines, Applied Numerical Mathematics 110 (2016) 128-147	2018		S.A. Khuri, A Sayfy	Numerical solution of functional differential equations: a Green's function-based iterative approach	Int. J. Computer Math. 95 (2018) 1937-1949	
639.	A. M. Bica, One-sided fuzzy numbers and applications to integral equations from epidemiology, Fuzzy Sets & Systems, 219 (2013) 27-48	2018		L. Coroianu, R. Fuller	Nguyen type theorem for extension principle based on a joint possibility distribution	Int. J. Approximate Reasoning 95 (2018) 22-35	
640.	A. M. Bica, M. Curila, S. Curila, About a numerical method of successive interpolations for functional Hammerstein integral equations, J. of Comput. & Applied Mathematics, 236 (2012) 2005-2024	2018		A.M. Rocha, J.S. Azevedo, S.P. Oliveira, M.R. Correa	Numerical analysis of a collocation method for functional integral equations	Appl. Numer. Math. 134 (2018) 31-45	
641.	Sorin G Gal, Handbook of Analytic-Computational Methods in Applied Mathematics, Chapman Hall CRC Press, 2000, 617-666	2018		M Chehlabi	Continuous solutions to a class of first-order fuzzy differential equations with discontinuous coefficients	Computational and Applied Mathematics	
642.	Sorin G Gal, Handbook of Analytic-Computational Methods in Applied Mathematics, Chapman Hall CRC Press, 2000, 617-666	2018		S Biswas, TK Roy	A semianalytical method for fuzzy integro-differential equations under generalized Seikkala derivative	Soft Computing	
643.	Sorin G Gal, Handbook of Analytic-Computational Methods in Applied	2018		C Belen	Tauberian theorems for weighted mean summability	Soft Computing	

	Mathematics, Chapman Hall CRC Press, 2000, 617-666				method of improper Riemann integrals of fuzzy-number-valued functions		
644.	Sorin G Gal, Handbook of Analytic-Computational Methods in Applied Mathematics, Chapman Hall CRC Press, 2000, 617-666	2018		OS Fard, M Heidari, AH Borzabadi	Fuzzy Taylor formula: An approach via fuzzification of the derivative and integral operators	Fuzzy Sets and Systems	
645.	Bede, B; Gal, SG, Quadrature rules for integrals of fuzzy-number-valued functions, Fuzzy Sets and Systems 145 (2004) 359-380	2018		H Yang, Z Gong	Ill-posedness for fuzzy Fredholm integral equations of the first kind and regularization methods	Fuzzy Sets and Systems	
646.	George A Anastassiou, SG Gal, On a fuzzy trigonometric approximation theorem of Weierstrass-type, J. Fuzzy Mathematics, vol. 9, No. 3 (2001), 701-708	2018		M Chehlabi	Continuous solutions to a class of first-order fuzzy differential equations with discontinuous coefficients	Computational and Applied Mathematics	
647.	George A Anastassiou, SG Gal, On a fuzzy trigonometric approximation theorem of Weierstrass-type, J. Fuzzy Mathematics, vol. 9, No. 3 (2001), 701-708	2018		C Belen	Tauberian theorems for weighted mean summability method of improper Riemann integrals of fuzzy-number-valued functions	Soft Computing	
648.	George A Anastassiou, SG Gal, On a fuzzy trigonometric approximation theorem of Weierstrass-type, J. Fuzzy Mathematics, vol. 9, No. 3 (2001), 701-708	2018		C Wang, RP Agarwal, D O'Regan	Calculus of fuzzy vector-valued functions and almost periodic fuzzy vector-valued functions on time scales	Fuzzy Sets and Systems	
649.	Bede, B; Gal, SG, Solutions of fuzzy differential equations based on generalized differentiability, Communications in Math. Analysis, Vol. 9, no. 2 (2010), 22-41	2018		A Ahmadian, S Salahshour, CS Chanâ€	Numerical solutions of fuzzy differential equations by an efficient Rungeâ€"Kutta method with generalized differentiability	Fuzzy Sets and Systems	
650.	Bede, B; Gal, SG, Solutions of fuzzy differential equations based on generalized differentiability, Communications in Math. Analysis, Vol. 9, no. 2 (2010), 22-41	2018		M Chehlabi	Continuous solutions to a class of first-order fuzzy differential equations with discontinuous coefficients,	Computational and Applied Mathematics	
651.	Bede, B; Gal, SG, Solutions of fuzzy differential equations based on generalized	2018		F Santo Pedro, LC de Barros, E Esmi	Population Growth Model via Interactive Fuzzy Differential	Information Sciences	

	differentiability, Communications in Math. Analysis, Vol. 9, no. 2 (2010), 22-41				Equation		
652.	Paul Fjelstad, Sorin G. Gal, Two-dimensional geometries, topologies, trigonometries and physics generated by complex-type numbers , Advances in Applied Clifford Algebras, vol. 11, No. 1 (2001), 81-98	2018		M Ă--zdemir	Introduction to hybrid numbers	Advances in Applied Clifford Algebras	
653.	Paul Fjelstad, Sorin G. Gal, Two-dimensional geometries, topologies, trigonometries and physics generated by complex-type numbers , Advances in Applied Clifford Algebras, vol. 11, No. 1 (2001), 81-98	2018		G Dattoli, S Licciardi, RM Pidatella, E Sabia	Hybrid Complex Numbers: The Matrix Version	Advances in Applied Clifford Algebras	
654.	S. G. Gal, Voronovskaja's theorem and iterations for complex Bernstein polynomials in compact disks, Mediterranean J. of Mathematics Volumul 5, no. 3 (2008), 253-272	2018		HB Jebreen, M Mursaleenâ	Approximation by quaternion (p , q) - Bernstein polynomials and Voronovskaja type result on compact disk	Advances in Difference Equations	
655.	Lucian Coroianu, Sorin G Gal, Approximation by max-product sampling operators based on sinc-type kernels, Sampl. Theory Signal Image Process, vol. 10, no. 3 (2011), 211-230	2018		F Asdrubali, G Baldinelli, F Bianchi, D Costarelli	Detection of thermal bridges from thermographic images by means of image processing approximation algorithms	Applied Mathematics and Computation	
656.	Lucian Coroianu, Sorin G Gal, Approximation by max-product sampling operators based on sinc-type kernels, Sampl. Theory Signal Image Process, vol. 10, no. 3 (2011), 211-230	2018		D Costarelli, G Vinti	Estimates for the neural network operators of the max-product type with continuous and p-integrable functions	Results in Mathematics	
657.	Lucian Coroianu, Sorin G Gal, Approximation by max-product sampling operators based on sinc-type kernels, Sampl. Theory Signal Image Process, vol. 10, no. 3 (2011), 211-230	2018		D Costarelli, AR Sambucini	Approximation Results in Orlicz Spaces for Sequences of Kantorovich Max-Product Neural Network Operator	Results in Mathematics	
658.	Sorin Gal, Heiner Gonska, Gï uss and Gï uss-Voronovskaya-type estimates for some Bernstein-type	2018		NL Braha	Some properties of Baskakov-Schurer-SzĂˇsz operators via power summability	Quaestiones Mathematicae	

	polynomials of real and complex variables, Jaen J. Approx. Theory, 2015				methods		
659.	Sorin Gal, Heiner Gonska, Gï uss and Gï uss-Voronovskaya-type estimates for some Bernstein-type polynomials of real and complex variables, Jaen J. Approx. Theory, 2015	2018		R Ruchi, B Baxhaku, PN Agrawal	GBS operators of bivariate Bernstein and Durrmeyer type on a triangle	Mathematical Methods in Applied Sciences	
660.	Sorin Gal, Heiner Gonska, Gï uss and Gï uss-Voronovskaya-type estimates for some Bernstein-type polynomials of real and complex variables, Jaen J. Approx. Theory, 2015	2018		A RaĹŁiu, AM Acu, T Acar, DF Sofonea	Certain positive linear operators with better approximation properties	Mathematical Methods in Applied Sciences	
661.	Sorin Gal, Heiner Gonska, Gï uss and Gï uss-Voronovskaya-type estimates for some Bernstein-type polynomials of real and complex variables, Jaen J. Approx. Theory, 2015	2018		G BaĹźcanbazâ, Tunca, A Erenin	Quantitative estimates for bivariate Stancu operators	Mathematical Methods in Applied Sciences	
662.	Lucian Coroianu, Sorin G Gal, Approximation by nonlinear generalized sampling operators of max-product kind, Sampl. Theory Signal Image Process, vol. 9, no. 1-3 (2010), 59-75	2018		D Costarelli, G Vinti	Estimates for the neural network operators of the max-product type with continuous and p-integrable functions	Results in Mathematics	
663.	Lucian Coroianu, Sorin G Gal, Approximation by nonlinear generalized sampling operators of max-product kind, Sampl. Theory Signal Image Process, vol. 9, no. 1-3 (2010), 59-75	2018		D Costarelli, AR Sambucini	Approximation Results in Orlicz Spaces for Sequences of Kantorovich Max-Product Neural Network Operators	Results in Mathematics	
664.	B. Bede, L. Coroianu, Sorin G Gal, Approximation and shape preserving properties of the nonlinear Meyer-Konig and Zeller operator of max-product kind, Numerical functional anal. & optimization, vol. 31, no. 3 (2010), 232-253	2018		A. Holhos	Weighted Approximation of Functions by Meyer-Konig and Zeller Operators of Max-Product Type	Numerical Functional Analysis and Optimization	
665.	Paul Fjelstad, Sorin G Gal, n-Dimensional hyperbolic complex numbers, Advances in Applied Clifford algebras,	2018		M Ă--zdemir	Introduction to hybrid numbers	Advances in Applied Clifford Algebras	

	8, No. 1 (1998), 47-68						
666.	Paul Fjelstad, Sorin G Gal, n-Dimensional hyperbolic complex numbers, Advances in Applied Clifford algebras, 8, No. 1 (1998), 47-68	2018		G Dattoli, S Licciardi, RM Pidatella, E Sabia	Hybrid Complex Numbers: The Matrix Version	Advances in Applied Clifford Algebras	
667.	Lucian Coroianu, Sorin G Gal, Saturation Results for the Truncated Max-Product Sampling Operators Based on Sinc and Fejer-Type Kernels, Sampling Theory in Signal Image Processing, vol. 11, no. 1 (2012)	2018		F Asdrubali, G Baldinelli, F Bianchi, D Costarelli	Detection of thermal bridges from thermographic images by means of image processing approximation algorithms	Applied Mathematics Computation	
668.	Lucian Coroianu, Sorin G Gal, Saturation Results for the Truncated Max-Product Sampling Operators Based on Sinc and Fejer-Type Kernels, Sampling Theory in Signal Image Processing, vol. 11, no. 1 (2012)	2018		D Costarelli, G Vinti	Estimates for the neural network operators of the max-product type with continuous and p-integrable functions	Results in Mathematics	
669.	Lucian Coroianu, Sorin G Gal, Saturation Results for the Truncated Max-Product Sampling Operators Based on Sinc and Fejer-Type Kernels, Sampling Theory in Signal Image Processing, vol. 11, no. 1 (2012)	2018		D Costarelli, AR Sambucini	Approximation Results in Orlicz Spaces for Sequences of Kantorovich Max-Product Neural Network Operators	Results in Mathematics	
670.	Lucian Coroianu, Sorin G Gal, Saturation Results for the Truncated Max-Product Sampling Operators Based on Sinc and Fejer-Type Kernels, Sampling Theory in Signal Image Processing, vol. 11, no. 1 (2012)	2018		M Dhamija, R Pratap, N Deo	Approximation by Kantorovich form of modified Szasz-Mirakyan operators	Applied Mathematics Computation	
671.	Balaj, M; Nikodem, K,, Remarks on Barany's theorem and affine selections, DISCRETE MATHEMATICS 224 (2000) 259-263	2018		Bessenyei, Mihaly	The affine separation problem revisited	INDAGATIONES MATHEMATICAE-NEW SERIES 29 Issue: 3, 873-877	
672.	Balaj M., THREE TYPES OF VARIATIONAL RELATION PROBLEMS, TAIWANESE JOURNAL OF MATHEMATICS Volume: 17 (2013) no. 1, 47-61	2018		Phan Quoc Khanh; Vo Si Trong Long	Weak Finite Intersection Characterizations of Existence in Optimization	BULLETIN OF THE MALAYSIAN MATHEMATICAL SCIENCES SOCIETY Volume: 41 Issue: 2 Pages: 855-877	
673.	Agarwal, R. P.; Balaj, M.;	2018		Ruiz Galán, M	Elementary convex	*Optim.*	

	O'Regan, D., A Common Fixed Point Theorem with Applications, JOURNAL OF OPTIMIZATION THEORY AND APPLPLICATIONS 163 (2014) no 2 , 482-490				techniques for equilibrium, minimax and variational problems	*Lett.* **12** (2018), no. 1, 137--154	
674.	A. I. Ban, A. Brandas, **L. Coroianu**,O. Nica. C. Negrutiu, Approximations of fuzzy numbers by trapezoidal fuzzy numbers preserving the ambiguity and value, Computers and Mathematics with Applications, 161 (2011) 1379-1401	2018		Yeh, Chi-Tsuen	Note on "symmetric triangular approximations of fuzzy numbers under a general condition and properties	SOFT COMPUTING Volume: 22 Issue: 7 Pages: 2133-2137	
675.	A. I. Ban, A. Brandas, **L. Coroianu**,O. Nica. C. Negrutiu, Approximationsof fuzzy numbers by trapezoidal fuzzy numbers preserving the ambiguity and value, Computers and Mathematics with Applications, 161 (2011) 1379-1401	2018		Li, Rong; Dong, Jun; Wang, Dongxue	Competition ability evaluation of power generation enterprises using a hybrid MCDM method under fuzzy and hesitant linguistic environment	JOURNAL OF RENEWABLE AND SUSTAINABLE ENERGY Volume: 10 Issue: 5 Article Number: 055905	
676.	A. I. Ban, **L. Coroianu**, Nearest interval, triangular and trapezoidal approximation of fuzzy number preserving ambiguity, International Journal of Approximate Reasoning, 5 (2012), 805-836	2018		de Andres-Sanchez, Jorge	Pricing European Options with Triangular Fuzzy Parameters: Assessing Alternative Triangular Approximations in the Spanish Stock Option Market	INTERNATIONAL JOURNAL OF FUZZY SYSTEMS Volume: 20 Issue: 5 Pages: 1624-1643	
677.	A. I. Ban, **L. Coroianu**, Nearest interval, triangular and trapezoidal approximation of fuzzy number preserving ambiguity, International Journal of Approximate Reasoning, 5 (2012), 805-836	2018		Yeh, Chi-Tsuen	Note on "symmetric triangular approximations of fuzzy numbers under a general condition and properties"	SOFT COMPUTING Volume: 22 Issue: 7 Pages: 2133-2137	
678.	A. I. Ban, **L. Coroianu**, P. Grzegorzewski, Trapezoidal approximation and aggregation, Fuzzy Sets & Systems 177 (2011) 45-59	2018		Wu, Peng; Liu, Shuhan; Zhou, Ligang; et al	A fuzzy group decision making model with trapezoidal fuzzy preference relations based on compatibility measure and COWGA operator	APPLIED INTELLIGENCE Volume: 48 Issue: 1 Pages: 46-67	
679.	**L. Coroianu**, Lipschitz	2018		Yeh, Chi-Tsuen	Note on	SOFT	

	functions and fuzzy number approximations, Fuzzy Sets and Systems, 200 (2012), 116-135				"symmetric triangular approximations of fuzzy numbers under a general condition and properties"	COMPUTING Volume: 22 Issue: 7 Pages: 2133-2137	
680.	B. Bede, **L. Coroianu**, S. G. Gal, Approximation and shape preserving properties of the nonlinear Meyer-Konig and Zeller operator of max-product kind, Numerical Functional Analysis and Optimization, 31 (2010) Issue 3, 232-253	2018		Holhos, Adrian	Weighted Approximation of Functions by Meyer-Konig and Zeller Operators of Max-Product Type	NUMERICAL FUNCTIONAL ANALYSIS AND OPTIMIZATION Volume: 39 Issue: 6 Pages: 689-703	
681.	A. I. Ban, **L. Coroianu**, Simplifying the search for effective ranking of fuzzy numbers, IEEE Transactions on Fuzzy Systems, 23 (2015) 327-339	2018		Lopez de Hierro, Antonio Francisco Roldan; Roldan, Concepcion; Herrera, Francisco	On a new methodology for ranking fuzzy numbers and its application to real economic data	FUZZY SETS AND SYSTEMS Volume: 353 Pages: 86-110	
682.	A. I. Ban, **L. Coroianu**, Simplifying the search for effective ranking of fuzzy numbers, IEEE Transactions on Fuzzy Systems, 23 (2015) 327-339	2018		Marhamati, Nina; Buxton, Elham K.; Rahimi, Shahram	Integration of Z-numbers and Bayesian decision theory: A hybrid approach to decision making under uncertainty and imprecision	APPLIED SOFT COMPUTING Volume: 72 Pages: 273-290	
683.	A. I. Ban, **L. Coroianu**, Simplifying the search for effective ranking of fuzzy numbers, IEEE Transactions on Fuzzy Systems, 23 (2015) 327-339	2018		Kang, Bingyi; Deng, Yong; Sadiq, Rehan	Total utility of Z-number	APPLIED INTELLIGENCE Volume: 48 Issue: 3 Pages: 703-729	
684.	A.I. Ban, L. Coroianu, Existence, uniqueness and continuity of trapezoidal approximations of fuzzy numbers under a general condition, Fuzzy Sets and Systems, 257 (2014), 3-22	2018		Yeh, Chi-Tsuen	Note on "symmetric triangular approximations of fuzzy numbers under a general condition and properties"	SOFT COMPUTING Volume: 22 Issue: 7 Pages: 2133-2137	
685.	G.A. Anastassiou, L. Coroianu, S.G. Gal, Approximation by a nonlinear Cardaliaguet-Euvrard neural network operator of max-product kind, Journal of Computational Analysis and Applications, 12 (2010) Issue 2, 396-406.	2018		Costarelli, Danilo; Sambucini, Anna Rita	Approximation Results in Orlicz Spaces for Sequences of Kantorovich Max-Product Neural Network Operators	RESULTS IN MATHEMATICS Volume: 73 Issue: 1 Article Number: UNSP 15	
686.	G.A. Anastassiou, L.	2018		Costarelli,	Estimates for the	RESULTS IN	

	Coroianu, S.G. Gal, Approximation by a nonlinear Cardaliaguet-Euvrard neural network operator of max-product kind, Journal of Computational Analysis and Applications, 12 (2010) Issue 2, 396-406			Danilo; Vinti, Gianluca	Neural Network Operators of the Max-Product Type with Continuous and p-Integrable Functions	MATHEMATICS Volume: 73 Issue: 1 Article Number: UNSP 12	
687.	L. Coroianu, Necessary and sufficient conditions for the equality of the interactive and non-interactive sums of two fuzzy numbers, Fuzzy Sets and Systems, 283 (2016), 40-55	2018		Esmi, Estevao; Sussner, Peter; Dias Ignacio, Gustavo Barroso; et al.	A parametrized sum of fuzzy numbers with applications to fuzzy initial value problems	FUZZY SETS AND SYSTEMS Volume: 331 Pages: 85-104	
688.	L. Coroianu, S.G. Gal, Saturation and inverse results for the Bernstein max-product operator, Periodica Mathematica Hungarica, 69 (2014) Issue 2, 126-133	2018		Costarelli, Danilo; Sambucini, Anna Rita	Approximation Results in Orlicz Spaces for Sequences of Kantorovich Max-Product Neural Network Operators	RESULTS IN MATHEMATICS Volume: 73 Issue: 1 Article Number: UNSP 15	
689.	L. Coroianu, S.G. Gal, Saturation and inverse results for the Bernstein max-product operator, Periodica Mathematica Hungarica, 69 (2014) Issue 2, 126-133	2018		Costarelli, Danilo; Vinti, Gianluca	Estimates for the Neural Network Operators of the Max-Product Type with Continuous and p-Integrable Functions	RESULTS IN MATHEMATICS Volume: 73 Issue: 1 Article Number: UNSP 12	
690.	L. Coroianu, S.G. Gal, Localization results for the Meyer-Konig and Zeller operator of max-product kind, Numerical Functional Analysis and Optimization 34, (2013) 713-727	2018		Holhos, Adrian	Weighted Approximation of Functions by Meyer-Konig and Zeller Operators of Max-Product Type	NUMERICAL FUNCTIONAL ANALYSIS AND OPTIMIZATION Volume: 39 Issue: 6 Pages: 689-703	
691.	**L. Coroianu,** S. G. Gal, Approximation by nonlinear generalized sampling operators of max-product kind, Sampling Theory in Signal and Image Processing, 9 (2010), 59-75	2018		D. Costarelli, G. Vinti	Estimates for the Neural Network operators of the Max-Product Type with Continuous and p-integrable Functions	Results in Mathematics, Volume: 73 Issue: 1 Article Number: UNSP 12	
692.	L. Coroianu**,** S. G. Gal, Approximation by nonlinear generalized sampling operators of max-product kind, Sampling Theory in Signal and Image Processing, 9 (2010), 59-75	2018		D. Costarelli, A. R. Sambucini	Approximation Results in Orlicz Spaces for Sequences of Kantorovich Max-Product Neural Network Operators	Results in Mathematics, Volume: 73 Issue: 1 Article Number: UNSP 15	
693.	L. Coroianu, S. G. Gal,	2018		D. Costarelli, A.	Approximation	Results in	

	Saturation results for the truncated max-product sampling operators based on sinc and Fejer-type kernels, Sampling Theory in Signal and Image Processing, 11 (2012), 113-132			R. Sambucini	Results in Orlicz Spaces for Sequences of Kantorovich Max-Product Neural Network Operators	Mathematics, Volume: 73 Issue: 1 Article Number: UNSP 15	
694.	L. Coroianu, S. G. Gal, Saturation results for the truncated max-product sampling operators based on sinc and Fejer-type kernels, Sampling Theory in Signal and Image Processing, 11 (2012), 113-132	2018		D. Costarelli, G. Vinti	Estimates for the Neural Network operators of the Max-Product Type with Continuous and p-integrable Functions	Results in Mathematics, Volume: 73 Issue: 1 Article Number: UNSP 12	
695.	L. Coroianu, S. G. Gal, Saturation results for the truncated max-product sampling operators based on sinc and Fejer-type kernels, Sampling Theory in Signal and Image Processing, 11 (2012), 113-132	2018		M. Dhamija, R. Pratap, N. Deo	Approximation by Kantorovich form of modified Szász-Mirakyan operators	Applied Mathematics and Computation, 317 (2018), 109-120	
696.	L. Coroianu, S. G. Gal, Saturation results for the truncated max-product sampling operators based on sinc and Fejer-type kernels, Sampling Theory in Signal and Image Processing, 11 (2012), 113-132	2018		F. Asdrubali, G. Baldinelli, F. Bianchi, D. Costarelli, A. Rotili, M. Seracini, G. Vinti	Detection of thermal bridges from thermographic images by means of image processing approximation algorithms	Applied Mathematics and Computation, 317 (2018), 160-171	
697.	L. Coroianu, S. G. Gal, L_{p} approximation by truncated max-product sampling operators of Kantorovicy-type based on Fejer kernel, Journal of Integral Equations and Applications, 29 (2017), 349-364	2018		Costarelli, Danilo; Sambucini, Anna Rita	Approximation Results in Orlicz Spaces for Sequences of Kantorovich Max-Product Neural Network Operators	RESULTS IN MATHEMATICS Volume: 73 Issue: 1 Article Number: UNSP 15	
698.	L. Coroianu, S. G. Gal, L_{p} approximation by truncated max-product sampling operators of Kantorovicy-type based on Fejer kernel, Journal of Integral Equations and Applications, 29 (2017), 349-364	2018		Costarelli, Danilo; Vinti, Gianluca	Estimates for the Neural Network Operators of the Max-Product Type with Continuous and p-Integrable Functions	RESULTS IN MATHEMATICS Volume: 73 Issue: 1 Article Number: UNSP 12	
699.	A. I. Ban, L. Coroianu, Symmetric triangular approximations of fuzzy numbers under a general condition and properties,	2018		Huang, Sharina; Zhao, Guoliang; Chen, Minghao	A fast analytical approximation type-reduction method for a class of spiked concave	INTERNATIONAL JOURNAL OF APPROXIMATE REASONING V	

	Soft Computing, 20 (2016), 1249-1261				type-2 fuzzy sets	olume: 103 Page s: 212-226	
700.	A. I. Ban, L. Coroianu, Symmetric triangular approximations of fuzzy numbers under a general condition and properties, Soft Computing, 20 (2016), 1249-1261	2018		Yeh, Chi-Tsuen	Note on "symmetric triangular approximations of fuzzy numbers under a general condition and properties"	SOFT COMPUTING Volume: 22 Issu e: 7 Pages: 2133 -2137	
701.	L. Coroianu, R. Fullér, On the constrained OWA aggregation problem with single constraint, Fuzzy Sets and Systems, 332 (2018) 37-43	2018		Chen, Yi-Fang; Tang, Hui-Chin	A Three-Dimensional Constrained Ordered-Weighted Averaging Aggregation Problem with Lower Bounded Variables	SYMMETRY-BASEL Volume : 10 Issue: 8 A rticle Number: 339	
702.	A. I. Ban, L. Coroianu, Existence, uniqueness, calculus and properties of triangular approximation under a general condition, International Journal of Approximate Reasoning, 62 (2015) 1-26	2018		Ulucay, Vakkas; Deli, Irfan; Sahin, Mehmet	Trapezoidal fuzzy multi-number and its application to multi-criteria decision-making problems	NEURAL COMPUTING & APPLICATIONS Volume: 30 Iss ue: 5 Pages: 146 9-1478	
703.	A. I. Ban, L. Coroianu, Existence, uniqueness, calculus and properties of triangular approximation under a general condition, International Journal of Approximate Reasoning, 62 (2015) 1-26	2018		Chen, Yi-Fang; Tang, Hui-Chin	A Three-Dimensional Constrained Ordered-Weighted Averaging Aggregation Problem with Lower Bounded Variables	SYMMETRY-BASEL Volume : 10 Issue: 8 A rticle Number: 339	
704.	A. I. Ban, L. Coroianu, Existence, uniqueness, calculus and properties of triangular approximation under a general condition, International Journal of Approximate Reasoning, 62 (2015) 1-26	2018		Yeh, Chi-Tsuen	Note on "symmetric triangular approximations of fuzzy numbers under a general condition and properties"	SOFT COMPUTING Volume: 22 Issu e: 7 Pages: 2133 -2137	
705.	L. Coroianu, S.G. Gal, B. D. Opris, S. Trifa, Feller's Scheme in Approximation by Nonlinear Possibilistic Integral Operators, Numerical Functional Analysis and Optimization, 38 (2017) 327-343	2018		Holhos, Adrian	Weighted approximation of functions by Favard operators of max-product type	PERIODICA MATHEMATIC A HUNGARICA Volume: 77 Issu e: 2 Pages: 340-346	
706.	B. Bede, L. Coroianu, S. G. Gal, Approximation by max-product type operators, Springer 2016	2018		D. Costarelli, G. Vinti	Estimates for the Neural Network operators of the Max-Product Type with Continuous	Results in Mathematics, Volume: 73 Issu e: 1 Article Number: UNSP	

					and p-integrable Functions	12	
707.	B. Bede, L. Coroianu, S. G. Gal, Approximation by max-product type operators, Springer 2016	2018		D. Costarelli, A. R. Sambucini	Approximation Results in Orlicz Spaces for Sequences of Kantorovich Max-Product Neural Network Operators	Results in Mathematics, Volume: 73 Issue: 1 Article Number: UNSP 15	
708.	B. Bede, L. Coroianu, S. G. Gal, Approximation by max-product type operators, Springer 2016	2018		A. Holhos	Weighted approximation of functions by Favard operators of max-product kind	Periodica Mathematica Hungarica, 77 (2018), 340-346	
709.	B. Bede, L. Coroianu, S. G. Gal, Approximation by max-product type operators, Springer 2016	2018		A. Holhos	Weighted Approximation of Functions by Meyer-Konig and Zeller Operators of Max-Product Type	Numerical Functional Analysis and Optimization, 39 (2018), 689-703	
710.	D. Pasca, Periodic solutions of a class of nonautonomous second order differential system with (q,p)-Laplacian, Bull. Belgian Math. Soc.-Simon Stevin 17 (2010) 841-850	2018		Bai L., Dai B.X., Nieto J.J.	Necessary and sufficient conditions for the existence of non-constant solutions generated by impulses of second order BVPs with convex potential	Electronic J. Qualitative Theory Diff. Eq. 2018, issue 1, 1-13	
711.	Georgia Irina Oros, On a class of holomorphic functions defined by Salagean differential operator, Complex Variables. Theory and Application. An International Journal, 50, No.4, (2005) 257-264	2018		A. O. PALL-SZABO	On a class of univalent functions defined by Sălăgean integro-differential operator	Miskolc Mathematical Notes, Vol. 19, No. 2, pp. 1095–1106	
712.	Georgia Irina Oros, On a class of holomorphic functions defined by Salagean differential operator, Complex Variables. Theory and Application. An International Journal, 50, No.4, (2005) 257-264	2018		Akgul, A.	Second-order differential subordinations on a class of analytic functions defined by the Rafid operator	Ukrainian Mathematical Journal, Volume: 70, Issue: 5, Pages: 673-686	
713.	Gh. Oros and **Georgia Irina Oros**, A Class of Holomorphic Function II, Libertas Mathematica, vol XXIII(2003), 65-68	2018		A. O. PALL-SZABO	On a class of univalent functions defined by Sălăgean integro-differential operator	Miskolc Mathematical Notes, Vol. 19, No. 2, pp. 1095–1106	
714.	Gh. Oros and **Georgia Irina Oros**, A Class of Holomorphic Function II, Libertas Mathematica, vol XXIII(2003), 65-68	2018		Akgul, A.	Second-order differential subordinations on a class of analytic functions defined by the Rafid	Ukrainian Mathematical Journal, Volume: 70, Issue: 5, Pages: 673-686	

					operator		
715.	A.O. Taut**, Georgia Irina Oros,** R. Sendrutiu, On a class of univalent functions defined by Sălăgean differential operator, Banach Journal of Mathematical Analysis**,** Volume 3, No.1, 2009, pp.61-67	2018		A. O. PALL-SZABO	On a class of univalent functions defined by Sălăgean integro-differential operator	Miskolc Mathematical Notes, Vol. 19, No. 2, pp. 1095–1106	

4.2. Brevete de invenţie

Numar de brevete: 0x30=

Nr. crt.	Data acordarii		Autor(i)	Denumire brevet	Institutia care a acordat brevetul	Tip brevet
	An	Luna				
1						
2						

Numar de citari de brevete in sistemul ISI *(citări în reviste ISI din perioada de raportare, indiferent când a fost acordat brevetul)***: 0x5=**

Nr. crt.	Brevetul citat (An / Lună / Autori / Denumire brevet / Institutia care a acordat brevetul / Tip brevet)	Articolul ISI care citează brevetul					
		Data publicării		Autor(i)	Titlul articolului	Revista ISI	ISSN
		An	Lună				
1							
2							

5. CRITERII SECUNDARE DE PERFORMANŢĂ

5.1. Lucrări publicate în reviste de specialitate fără cotaţie ISI: 40; punctaj 40x5=200

Nr. crt.	An	Luna	Autor(i)	Titlul lucrarii	Revista	ISSN	Tipul revistei
1.	2014		S.G. Gal	Approximation with an arbitrary order by generalized Szász-Mirakjan operators	Studia Univ. Babes-Bolyai, Math. 59 (2014) 77-81	0252-1938	BDI
2.	2014		L. Coroianu, S. G. Gal	On copositive approximation by bivariate polynomials on rectangular grids	Journal of Applied Functional Analysis, 9 (2014) 3-4, 272-276	1559-1956	BDI (strainatate)
3.	2014	Ian_Apr	Lupaş, Alina Alb**;** Cătaş, Adriana	A New Comprehensive Class of Analytic Functions Defined by Ruscheweyh Derivative and Multiplier Transformations	Journal of Concrete & Applicable Mathematics, 12, NO.'S 3-4, 201-204, 2014	1548-5390	BDI (strainatate)
4.	2014		A. Alb Lupaş	On special strong differential superordinations using Sălăgean and Ruscheweyh operators,	Journal of Advances in Applied & Computational Mathematics, 2014, Vol. 1, No. 1, 1-7		Recenzata in BDI (strainatate)
5.	2014		A. Alb Lupas, L. Andrei	New classes containing generalized Sălăgean operator and Ruscheweyh derivative	Acta Universitatis Apulensis, No. 38/2014, 319-328		Recenzata in BDI
6.	2014		A. Alb Lupaş	Some differential subordinations using multiplier transformation	Analele Universitatii Oradea, Fasc. Matematica, Tom XXI (2014), Issue	1221-1265	Recenzata in BDI

					No. 2, 133-142		
7.	2014		A. Alb Lupas, L. Andrei	On univalence criteria for analytic functions defined by generalized Sălăgean operator and Ruscheweyh derivative	Analele Universitatii Oradea, Fasc. Matematica, Tom XXI (2014), Issue No. 2, 179-185	1221-1265	Recenzata in BDI
8.	2014	3	A. Alb Lupas,	On univalence criteria for analytic functions defined by multiplier transformation and Ruscheweyh derivative	International Journals of Open Problems in Computer Science and Mathematics, Vol. 7, No. 1, March 2014		Recenzata in BDI (strainatate)
9.	2014	3	A. Alb Lupas	New classes containing Sălăgean operator and Ruscheweyh derivative	International Journals of Open Problems in Complex Analysis, Vol. 6, No. 1, 2014, 33-39		Recenzata in BDI (strainatate)
10.	2014		A. Alb Lupaş	A note on strong differential subordinations using Sălăgean operator and Ruscheweyh derivative	J. APPLIED FUNCTIONAL ANALYSIS, VOL. 9, NO.'S 1-2, 144-152, 2014		Recenzata in BDI (strainatate)
11.	2014		G. Cicortas	The existence and the number of critical points in an abstract perturbation problem	BSGP 21 (2014) 50-59	1843-2654	Recenzata in BDI (strainatate)
12.	2014		Gal, Sorin G.	Approximation with an arbitrary order by generalized Szász-Mirakjan operators	Stud. Univ. Babeş-Bolyai Math. 59 (2014), no. 1, 77–81.	0252-1938	BDI
13.	2013		Gal, Ciprian, Gal, Sorin	On Fokker-Planck and linearized Korteweg-de Vries type equations with complex spatial variables	Cubo 15 (2013), no. 1, 33–47.	0716-7776	Recenzata in BDI (strainatate)
14.	2015		A. M. Bica	MINIMIZING THE OSCILATION FOR SPLINES GENERATED BY INITIAL CONDITIONS	Analele Universiatii din Oradea Fasc. Matematica, Tom. XXII (2015), Issue No.1, 109-117	1221-1265	Recenzata in BDI
15.	2015		A. Alb Lupas	Differential Sandwich Theorems using a multiplier transformation and Ruscheweyh derivative	Advances in Mathematics: Scientific Journal 4 (2015), no.2, 195-207	1857-8365	Recenzata in BDI
16.	2015		A. Alb Lupas	Some Differential Sandwich Theorems using a multiplier transformation and Ruscheweyh derivative	Electronic Journal of Mathematics and Its Application (EJMIA), Vol. 1, No. 2, 2015, 76-86	2347-1557	Recenzata in BDI
17.	2015		A. Alb Lupas	Some differential subordinations using Ruscheweyh derivative and a multiplier transformation	Springer - New York Proceedings Volume entitled "Computational Analysis: Contributions from AMAT 2015", Chapter 8, 97-117	ISBN 978-3-319-28441-5	Recenzata in BDI
18.	2015		A. Alb Lupas	On a certain subclass of analytic functions involving multiplier transformation and Ruscheweyh derivative	Analele Universitatii Oradea, Fasc. Matematica, Tom XXII (2015), Issue No. 2, 73-80	1221-1265	Recenzata in BDI
19.	2015		A. Alb Lupas	On a certain subclass of	Analele Universitatii	1221-	Recenzata

				analytic functions defined by multiplier transformations	Oradea Fasc. Matematica, Tom XXII (2015), Issue No. 2, 149-154	1265	in BDI
20.	2015		A. Alb Lupas	Differential subordinations using multiplier transformation	Advances and Applications in Mathematical Sciences, Vol. 14, Issue 3, March 2015, 71-89	0974-6803	Recenzata in BDI
21.	2015		A. Alb Lupas	Differential subordinations using Ruscheweyh derivative and a multiplier transformation	JOURNAL OF APPLIED FUNCTIONAL ANALYSIS, VOL. 10, NO.'S 1-2, 2015, 78-88	1559-1948	Recenzata in BDI
22.	2015		A. Alb Lupas, L. Andrei	On a certain subclass of analytic functions involving generalized Sălăgean operator and Ruscheweyh derivative	JOURNAL OF APPLIED FUNCTIONAL ANALYSIS, VOL. 10, NO.'S 1-2, 2015, 89-94	1559-1948	Recenzata in BDI
23.	2015		A. Alb Lupas	Aspects of univalent holomorphic functions involving Sălăgean operator and Ruscheweyh derivative	JOURNAL OF CONCRETE AND APPLICABLE MATHEMATICS, VOL. 13, NO.'S 1-2, 2015, 51-59	1548-5390	Recenzata in BDI
24.	2015		A. Alb Lupas, L. Andrei	Properties on a subclass of univalent functions defined by using a generalized Sălăgean operator and Ruscheweyh derivative	JOURNAL OF CONCRETE AND APPLICABLE MATHEMATICS, VOL. 13, NO.'S 1-2, 2015, 60-68	1548-5390	Recenzata in BDI
25.	2015		A. Alb Lupas	On a subclass of analytic functions defined by multiplier transformations	Analele Universitatii Oradea, Fasc. Matematica, Tom XXII (2015), Issue No. 1, 125-128	1221-1265	Recenzata in BDI
26.	2015		Gal, Sorin G.; Gupta, Vijay	Approximation by complex Baskakov-Szász-Durrmeyer operators in compact disks	Anal. Theory Appl. 31 (2015), no. 2, 207–220		Recenzata in BDI
27.	2013		A. Ban, L. Coroianu, P. Grzegorzewski	A fixed-shape fuzzy median of a fuzzy sample	Advances in Intelligent Systems Research, Proceedings of the 8th Conference of the European Society for Fuzzy Logic and Technology, Milano 9-13 September 2013, 215-222		Recenzata in BDI
28.	2015		G.I. Oros, Gh.Oros, D.A. Bardac-Vlada	Differential subordinations and superordinations obtained with some new integral operators	Analele Univ. Oradea, Fasc. Matematica 22, no.2 (2015) 177-184	1221-1265	Recenzata in BDI
29.	2016		Coroianu, Lucian; Gal, Sorin G.	Localization results for the non-truncated max-product sampling operators based on Fejer and sinc-type kernels	Demonstr. Math. 49 (2016), no. 1, 38-49	0420-1213	Recenzata in BDI
30.	2016		Gal, S. G.;	Approximation with an	Azerb. J.	2218-	Recenzata

			Mahmudov, N. I.; Opris, B. D.	arbitrary order of Szasz, Szasz-Kantorovich and Baskakov complex operators in compact disks	Math. 6 (2016), no. 2, 3-12	6816	in BDI
31.	2016		Bascanbaz-Tunca, Gulen; Cetin, Nursel; Gal, Sorin G.	Complex operators gener-ated by q-Bernstein polynomials, $q > 1$	Stud. Univ. Babes-Bolyai Math. 61 (2016), no. 2, 169-176	2065-961x	Recenzata in BDI
32.	2016		A. Alb Lupas	About differential sandwich theorems involving a multiplier transformation and Ruscheweyh derivative	TJMM 8 (2016), No. 1, 67-76		Recenzata in BDI
33.	2016		C. Dubău, A. Cătaş	Weibull Model For Frequency And Cumulative Distribution Function	Analele Univ. Oradea, Fascicula Protecţia Mediului, Vol. XXVII, 2016/B, 413-420	1224-5119	Recenzata in BDI
34.	2017		M. Ursul, A. Tripe	Some examples of topological modules	Bul. Acad. de Ştiinţe al Rep. Moldova, Matematica, 2 (84) 2017, p.66-70	1024-7696	Recenzata in BDI
35.	2018		A. Alb Lupas	About some differential sandwich theorems involving a multiplier transformation and Ruscheweyh derivative	Journal of Computational Analysis and Applications, Vol 25, No. 6, 2018, 1116-1124	1521-1398	Recenzata in BDI
36.	2018		A. Alb Lupas	A note on special fuzzy differential subordinations using multiplier transformation and Ruschewehy derivative	Journal of Computational Analysis and Applications, Vol. 25, No. 6, 2018, 1125-1131	1521-1398	Recenzata in BDI
37.	2018		M. O. Oluwayemi, K. O. Dopamu, A. Alb Lupas	On a family of univalent functions associated with multiplier transformations	International Journal of Mechanical Engineering and Technology (IJMET), Volume 9, Issue 12, December 2018, pp. 425–438, Article ID: IJMET_09_12_046	0976 – 6340	Recenzata in BDI
38.	2018		L. Andrei, A. Alb Lupas	Differential Sandwich Theorems using a generalized Salagean operator and Ruscheweyh operator	An. Univ. Oradea, fasc. Math., Tom XXV (2018), Issue No. 2, 213-221	1221 – 1265	Recenzata in BDI
39.	2018		A.M. Bica, M. Curila, S. Curila	The method of iterated splines for integral equations with vanishing delay	An. Univ. Oradea, fasc. Math., Tom XXV (2018), Issue No. 1, 115-129	1221 – 1265	Recenzata in BDI
40.	2018		Dubău Călin, **Cătaş** Adriana	Maximizing Energy Efficiency in the Case of Horizontal Axis Wind Turbine	Analele Universităţii din Oradea, Fascicula Protecţia Mediului, Vol. XXXI, Anul 23, 2018/B, 189-196.	1224-6255	Recenzata in BDI

5.2. Lucrări ştiinţifice prezentate la conferinţe internaţionale cu comitet de program:30; punctaj 30x5=150

Nr. crt.	Data publicarii		Autor(i)	Titlul lucrarii	Conferinta
	An	Luna			
1.	2014	Iulie	L. Coroianu, M.	Piecewise linear approximation	IPMU 2014

			Gagolewski, P. Grzegorzewski, M. A. Firozja, T. Houlari	of fuzzy numbers preserving the support and core	
2.	2014	Iulie	A. I. Ban, L. Coroianu	Characterization of ranking indices on triangular fuzzy numbers	IPMU 2014 Part II, Communications in Computer and Information Science, vol. 443, pp. 254-263, Springer-Verlag Berlin Heidelberg, 2014
3.	2014	Mai	A.M. Bica	The method of successive interpolations for functional differential equations	PODE 2014, Izmir, Turcia
4.	2014	august	A. Alb Lupaş	On a certain subclass of analztic functions involving multiplier transformation and Ruschewezh derivative	The 10th International Symposium on Geometric Function Theory and Applications, Băile Felix, 25-28 august 2014
5.	2014	mai	L. Andrei, A. Alb Lupaş	Strong differential superordination results using a generalized Sălăgean operator and Ruscheweyh operator	10th Joint Conf. on Math. And Comp. Sci., 22-25 mai 2014, Cluj-Napoca
6.	2014	iunie	A. Alb Lupaş	Properties on a subclass of univalent functions defined bz using a multiplier transformation and Ruscheweyh derivative	International Conference on Mathematics and Computer Science MACOS 14, 26-28 iunie 2014, Braşov
7.	2015	mai	A. Alb Lupaş	Some differential subordinations using Ruscheweyh derivative and a multiplier transformation	3rd International Conference on Applied Mathematics and Approximation Theory, May 28-31, 2015 – Ankara, Turkey
8.	2015	august	A. Alb Lupaş	Differential sandwich theorems using a multiplier transformation and Ruscheweyh derivative	11th International Symposium on Geometric Function Theory and Applications, 24-27 August – Ohrid, R. Macedonia
9.	2015		A.I. Ban, L. Coroianu	Ranking of L-R fuzzy numbers	2015 Annual Conference of the North American Fuzzy Information Processing Society (NAFIPS) held jointly with 2015 5th World Conference on Soft Computing (WConSC) pp. 1 - 6, DOI: 10.1109/NAFIPS-WConSC.2015.7284130
10.	2015	August	L. Coroianu, L. Stefanini	A note on Fuzzy-Transform approximation of fuzzy numbers,	Annual Conference of the North American Fuzzy Information Processing Society (NAFIPS), Redmond, USA
11.	2015	noiembrie	L. Coroianu	On the convergence of max-product type operators	IEEE International Symposium on Computational Intelligence and Informatics, Budapest, Hungary
12.	2015	iulie	M. Balaj	Simultaneous variational relation problems and some applications	INTERNATIONAL CONFERENCE ON NONLINEAR OPERATORS, DIFFERENTIAL EQUATIONS AND APPLICATIONS (ICNODEA), July 14-17, 2015, Cluj-Napoca
13.	2016	august	Alina Alb Lupaş	Some fuzzy differential subordinations using	Proceedings of the 12th International Symposium on

				Ruscheweyh derivative and Sălăgean operator	Geometric Function Theory and Applications August 25-28, 2016, Alba Iulia, Romania, 89-98
14.	2016	mai	Georgia Irina Oros, Gheorghe Oros, Daniela Andrada Bardac-Vlada	Differential subordinations obtained using generalizations of Hallenbeck, Ruscheweyh and Suffridge theorems	International Conference on Sciences, University of Oradea, Faculty of Sciences, 13-14 May 2016 Oradea
15.	2016	august	Georgia Irina Oros	Differential superordination for harmonic complex – valued functions	12th International Symposium on Geometric Function Theory and Applications (GFTA 2016), "1 Decembrie 1918" University of Alba Iulia, August 25-28, 2016
16.	2016	august	A. Cătaș	On a new class of harmonic complex-valued Functions	12th International Symposium on Geometric Function Theory and Applications, August 25-28, 2016, Alba Iulia, Romania
17.	2016	mai	A. Cătaș	Closure theorems related to a family of multivalent functions with negative coefficients	International Conference on Sciences, University of Oradea, Faculty of Sciences, 13-14 may 2016, Oradea
18.	2016	iulie	M. Balaj	Existence Criteria For the Solutions of a Variational Relation Problem	"Theodor Angheluta" Conference 2016, Cluj-Napoca, July 5-7
19.	2016	noiembrie	L. Coroianu, R. Fullér	Characterization of the level sets for interactive additions	2016 IEEE 17th International Symposium on Computational Intelligence and Informatics (CINTI), Budapest, 17-19 November, 2016, pages 35-40
20.	2017	aprilie	A.M. Bica, E. Laslo	Optimal criteria for fitting splines	The 13th Romanian-German Seminar on Approximation Theory and its Applications, Oradea, 21-22 April 2017 (ROGER 2017)
21.	2017	mai	A.M. Bica, G.C. Crainic, M. Curila, S. Curila	Opportunities of simulation for stands structure using mathematical models	Trends in European Agriculture Development, Timisoara, May 25-26, 2017
22.	2017	martie	A. Cătaş, C. Dubău	Power Operating Curves Model in Wind Turbines Performance Assessment	Conference: 16th National Technical-Scientific Conference on Modern Technologies for the 3rd Millennium, Oradea, Romania, March 23-24, 2017, p. 139-142 (ISI Proc.)
23.	2017	august	A. Cătaş	A note on some properties of certain subclass of analytic functions	13th International Symposium on Geometric Function Theory and Applications (GFTA 2017), "Aurel Vlaicu" University of Arad on August 03-06, 2017
24.	2017	august	M. Balaj	Common Fixed Point Theorems For Set-Valued Mappings	Recent Trends in Pure and Applied Mathematics, Alba Iulia, 31 July - 4 August 2017
25.	2018	martie	Cătaş, A.; Dubău, C., Borşa, E	Optimization method of wind turbine blades geometry	17th International Technical-Scientific Conference on

					Modern Technologies for the 3rd Millennium, Location: Oradea, ROMANIA, MARCH 22-23, 2018, Oradea, Romania, EDLearning, Pages: 139-142
26.	2018	martie	Dubău, C., Cătaş, A.; Iambor, L.	Power loss modelling in wind turbines bearings	17th International Technical-Scientific Conference on *Modern Technologies for the 3rd Millennium*, Location: Oradea, ROMANIA, MARCH 22-23, 2018, Oradea, Romania, EDLearning, Pages: 139-142
27.	2018	iunie	A.M. Bica, M. Curila, S. Curila	Spline Iterative Method for Pantograph Type Functional Differential Equations	7th International Conference, FDM 2018 Lozenetz, Bulgaria, June 11–16, 2018
28.	2018	aprilie	A. Alb Lupas, M. Cioban	On a subclass of analytic functions defined by a fractional integral operator	International Conference on Mathematics, Informatics and Information Technologies, 19-21 April 2018, Bălți, Republica Moldova, pag. 8-14
29.	2018	septembrie	L. Coroianu, Robert Fuller	Minimum of constraint OWA aggregation problem with single constraint	The Twelwth International Workshop On Fuzzy Logic anad Applications (WILF 2018), 6-7 September, Genova, Italy
30.	2018	septembrie	L. Coroianu, S. G. Gal	Approximation By Max-Product Operators of Kantorovich Type	Fourth International Conference on Numerical Analysis and Approximation Theory (NAAT 2018), Cluj-Napoca

6. PRESTIGIUL PROFESIONAL

6.1.	**Membrii (incluzand statutul de recenzor) in colectivele de redactie ale unor reviste (cotate ISI sau incluse in baze de date internationale) sau in colectivele editoriale ale unor edituri internationale recunoscute: 275; punctaj 278x20=5560**			
Nr.	Nume si prenume	Calitatea	Titlul revistei/editurii	Anul
1.	Alb Lupas Alina	Membru in editorial board	Journal of Advances in Applied & Computational Mathematics	2014
2.	Bica Alexandru	Referent	Fuzzy Sets Systems (ISI)	2014
3.	Bica Alexandru	Referent	Abstract and Applied Analysis (ISI)	2014
4.	Bica Alexandru	Referent	Journal of Computational and Applied Mathematics (ISI)	2014
5.	Bica Alexandru	Referent	Iranian Journal of Fuzzy Systems (ISI)	2014
6.	Bica Alexandru	Referent	International Journal of Mathematical Modelling and Computations (BDI)	2014
7.	Bica Alexandru	Referent	Analele Universitatii din Oradea, fasc. math. (BDI)	2014
8.	Gal Sorin	Membru in editorial board	Journal of Concrete and Applicable Math. (BDI)	2014
9.	Gal Sorin	Membru in editorial board	International Journal of Evolution Equations (BDI)	2014

10.	Gal Sorin	Membru in editorial board	European Journal of Pure and Applied Mathematics (BDI)	2014
11.	Balaj Mircea	Membru in editorial board	Carpathian Journal of Mathematics (ISI)	2014
12.	Balaj Mircea	Membru in editorial board	Fixed Point Theory (ISI)	2014
13.	Balaj Mircea	Membru in editorial board	Journal of Inequalities and Applications (ISI)	2014
14.	Alb-Lupas Alina	recenzor	Mathematical Reviews	2014
15.	Constantin Popescu	recenzor	Mathematical Reviews	2014
16.	Coroianu Lucian	recenzor	Mathematical Reviews	2014
17.	Ban Adrian	recenzor	Mathematical Reviews	2014
18.	Bica Alexandru	recenzor	Mathematical Reviews	2014
19.	Balaj Mircea	recenzor	Mathematical Reviews	2014
20.	Gal Sorin	recenzor	Mathematical Reviews	2014
21.	Pasca Daniel	recenzor	Mathematical Reviews	2014
22.	Bica Alexandru	recenzor	Zentralblatt fur Mathematik	2014
23.	Coroianu Lucian	recenzor	Zentralblatt fur Mathematik	2014
24.	Pasca Daniel	recenzor	Zentralblatt fur Mathematik	2014
25.	Balaj Mircea	recenzor	Zentralblatt fur Mathematik	2014
26.	Gal Sorin	recenzor	Zentralblatt fur Mathematik	2014
27.	Coroianu Lucian	referent	Fuzzy Sets and Systems (ISI)	2014
28.	Coroianu Lucian	referent	Information Sciences (ISI)	2014
29.	Coroianu Lucian	referent	Iranian Journal of Fuzzy Systems (ISI)	2014
30.	Coroianu Lucian	referent	Journal of Intelligent and Fuzzy Systems (ISI)	2014
31.	Coroianu Lucian	referent	Mathematica Slovaca (ISI)	2014
32.	Alb-Lupas Alina	Membru in editorial board	Journal of Advances in Applied & Computational Mathematics (BDI)	2015
33.	Alb-Lupas Alina	referent	International Journal of Modern Mathematical Sciences (BDI)	2015
34.	Alb-Lupas Alina	referent	International Journal of Physical Sciences (BDI)	2015
35.	Alb-Lupas Alina	referent	Journal of Inequalities and Applications (ISI)	2015
36.	Alb-Lupas Alina	referent	Asian-European Journal of Mathematics (BDI)	2015
37.	Alb-Lupas Alina	referent	Advances in Difference Equations (ISI)	2015
38.	Alb-Lupas Alina	referent	International Journal of Nonlinear Science (BDI)	2015
39.	Alb-Lupas Alina	referent	Journal of the Egyptian Mathematical Society (BDI)	2015
40.	Alb-Lupas Alina	referent	Journal of Advances in Applied & Computational Mathematics (BDI)	2015
41.	Alb-Lupas Alina	referent	International Journal of Open Problems in Complex Analysis (BDI)	2015

42.	Alb-Lupas Alina	referent	Comptes rendus Mathematique (ISI)	2015
43.	Alb-Lupas Alina	referent	The Korean Journal of Mathematics (BDI)	2015
44.	Alb-Lupas Alina	referent	Carpathian Journal of Mathematics (ISI)	2015
45.	Alb-Lupas Alina	referent	Applied Mathematics and Computation Jordan Journal of Mathematics & Statistics (ISI)	2015
46.	Constantin Popescu	referent	IEEE Transactions on Industrial Electronics (ISI)	2014
47.	Constantin Popescu	referent	IET Information Security (ISI)	2015
48.	Constantin Popescu	referent	IEEE Transactions on Industrial Electronics (ISI)	2015
49.	Constantin Popescu	referent	Fuzzy Sets and Systems (ISI)	2015
50.	Cicortas Gratiela	Membru in editorial board	International Journal of Geometry (BDI)	2014
51.	Cicortas Gratiela	Membru in editorial board	International Journal of Geometry (BDI)	2015
52.	Cicortas Gratiela	referent	International Journal of Geometry (BDI)	2014
53.	Sorin G.Gal	Membru in editorial board	Results in Mathematics (ISI)	2015
54.	Sorin G.Gal	Membru in editorial board	International Journal of Evolution Equations (BDI)	2015
55.	Sorin G.Gal	Membru in editorial board	European Journal of Pure and Applied Mathematics (BDI)	2015
56.	Sorin G.Gal	referent	Journal of Inequalities and Applications (ISI)	2015
57.	Sorin G.Gal	referent	Periodica Math. Hungarica (ISI)	2015
58.	Sorin G.Gal	referent	Fuzzy Sets and Systems (ISI)	2015
59.	Sorin G.Gal	referent	Fixed Point Theory (ISI)	2015
60.	Sorin G.Gal	referent	Applied Mathematics and Computation (ISI)	2015
61.	Sorin G.Gal	referent	Studia Sci Math. Hungarica (ISI)	2015
62.	Sorin G.Gal	referent	Mathematical Methods Applied Sciences (ISI)	2015
63.	Sorin G.Gal	referent	Journal of Approximation Theory (ISI)	2015
64.	Sorin G.Gal	referent	Computational Methods in Function Theory (ISI)	2015
65.	A.M. Bica	referent	Fuzzy Sets and Systems (ISI)	2015
66.	A.M. Bica	referent	Information Sciences (ISI)	2015
67.	A.M. Bica	referent	Journal of Intelligent and Fuzzy Systems (ISI)	2015
68.	A.M. Bica	referent	Soft Computing (ISI)	2015
69.	A.M. Bica	referent	Mathematical Communications (ISI)	2015
70.	A.M. Bica	referent	Iranian Journal of Fuzzy Systems (ISI)	2015
71.	A.M. Bica	recenzor	Mathematical Reviews	2015
72.	A.M. Bica	recenzor	Zentralblatt fur Mathematik	2015
73.	A.I. Ban	Membru in editorial board	Notes on Intuitionistic Fuzzy Sets (BDI)	2014
74.	A.I. Ban	Membru in editorial board	Notes on Intuitionistic Fuzzy Sets (BDI)	2015
75.	A.I. Ban	Membru in editorial board	ROMAI Journal (BDI)	2014
76.	A.I. Ban	Membru in editorial board	ROMAI Journal (BDI)	2015
77.	A.I. Ban	Membru in editorial board	Communications in Numerical Analysis (BDI)	2014
78.	A.I. Ban	Membru in editorial board	Communications in Numerical Analysis (BDI)	2015

79.	A.I. Ban	Membru in editorial board	Scientific World Journal (ISI)	2014
80.	A.I. Ban	Membru in editorial board	Scientific World Journal (ISI)	2015
81.	A.I. Ban	Membru in editorial board	International Journal of Mathematical Modelling & Computations (BDI)	2014
82.	A.I. Ban	Membru in editorial board	International Journal of Mathematical Modelling & Computations (BDI)	2015
83.	A.I. Ban	referent	Fuzzy Sets and Systems (ISI)	2014
84.	A.I. Ban	referent	Fuzzy Sets and Systems (ISI)	2015
85.	A.I. Ban	referent	International Journal of Approximate Reasoning (ISI)	2015
86.	A.I. Ban	referent	Information Sciences (ISI)	2014
87.	A.I. Ban	referent	IEEE Transactions on Fuzzy Systems (ISI)	2014
88.	A.I. Ban	referent	IEEE Transactions on Fuzzy Systems (ISI)	2015
89.	A.I. Ban	referent	Journal of Intelligent and Fuzzy Systems (ISI)	2014
90.	A.I. Ban	referent	Journal of Intelligent and Fuzzy Systems (ISI)	2015
91.	A.I. Ban	referent	Iranian Journal on Fuzzy Systems (ISI)	2014
92.	A.I. Ban	referent	Iranian Journal on Fuzzy Systems (ISI)	2015
93.	A.I. Ban	referent	Journal of Applied Mathematics (ISI)	2014
94.	A.I. Ban	referent	Soft Computing (ISI)	2014
95.	A.I. Ban	referent	Soft Computing (ISI)	2015
96.	A.I. Ban	referent	Journal of Computer and System Sciences (BDI)	2014
97.	A.I. Ban	referent	Fuzzy Information and Engineering (BDI)	2014
98.	A.I. Ban	referent	Fuzzy Information and Engineering (BDI)	2015
99.	A.I. Ban	referent	International Journal of Mathematical Modelling & Computations (BDI)	2014
100.	A.I. Ban	referent	Kybernetes (ISI)	2015
101.	A.I. Ban	recenzor	Mathematical Reviews (BDI)	2014
102.	A.I. Ban	recenzor	Mathematical Reviews (BDI)	2015
103.	L. Coroianu	referent	Fuzzy Sets and Systems (ISI)	2015
104.	L. Coroianu	referent	Information Sciences (ISI)	2015
105.	L. Coroianu	referent	IEEE Transactions on Fuzzy Systems (ISI)	2015
106.	L. Coroianu	referent	Applied Mathematics and Computation (ISI)	2015
107.	L. Coroianu	referent	Iranian Journal of Fuzzy Systems (ISI)	2015
108.	L. Coroianu	referent	Journal of Intelligent and Fuzzy Systems (ISI)	2015
109.	L. Coroianu	referent	Fixed Point Theory (ISI)	2015
110.	L. Coroianu	referent	Afrika Mathematika (BDI)	2015
111.	L. Coroianu	referent	Mathematica Pannonica (BDI)	2015
112.	L. Coroianu	referent	Analysis Mathematica (BDI)	2015
113.	L. Coroianu	referent	Analele Universitatii din Oradea (BDI)	2015
114.	L. Coroianu	recenzor	Mathematical Reviews (BDI)	2015
115.	L. Coroianu	recenzor	Zentralblatt fur Mathematik (BDI)	2015
116.	S.G. Gal	recenzor	Mathematical Reviews (BDI)	2015
117.	S.G. Gal	recenzor	Zentralblatt fur Mathematik (BDI)	2015
118.	Mircea Balaj	Membru in editorial board	Carpathian Journal of Mathematics (ISI)	2014
119.	Mircea Balaj	Membru in editorial board	Carpathian Journal of Mathematics (ISI)	2015
120.	Mircea Balaj	Membru in editorial board	FIXED POINT THEORY (ISI)	2014
121.	Mircea Balaj	Membru in editorial board	FIXED POINT THEORY (ISI)	2015
122.	Mircea Balaj	Membru in editorial board	Journal of Inequalities and Applications (ISI)	2014
123.	Mircea Balaj	Membru in editorial board	Journal of Inequalities and Applications (ISI)	2015
124.	Mircea Balaj	referent	Filomat (ISI)	2014

125.	Mircea Balaj	referent	Fixed Point Theory and Applications (ISI)	2014
126.	Mircea Balaj	referent	Iranian Journal of Science and Technology (Sciences) (ISI)	2014
127.	Mircea Balaj	referent	Journal of Applied Mathematics (ISI)	2014
128.	Mircea Balaj	referent	Abstract and Applied Analysis (ISI)	2014
129.	Mircea Balaj	referent	Fixed Point Theory (ISI)	2014
130.	Mircea Balaj	referent	Journal of Inequalities and Applications (ISI)	2014
131.	Mircea Balaj	referent	Miskolc Mathematical Notes (ISI)	2014
132.	Mircea Balaj	referent	Journal of Function Spaces (ISI)	2014
133.	Mircea Balaj	referent	Carpathian Journal of Mathematics. (ISI)	2014
134.	Mircea Balaj	referent	Mathematische Nachrichten (ISI)	2014
135.	Mircea Balaj	referent	Mathematische Nachrichten (ISI)	2015
136.	Mircea Balaj	referent	Filomat (ISI)	2015
137.	Mircea Balaj	referent	Asia-Pacific Journal of Operational Research (ISI)	2015
138.	Mircea Balaj	referent	Journal of Taibah University for Science (BDI)	2014
139.	Mircea Balaj	referent	Journal of Optimization Theory and Applications (ISI)	2015
140.	Mircea Balaj	referent	Journal of Nonlinear and Convex Analysis (ISI)	2015
141.	Mircea Balaj	referent	Journal of Global Optimization (ISI)	2015
142.	Mircea Balaj	referent	J. Function Spaces (ISI)	2015
143.	Mircea Balaj	referent	Fixed Point Theory and Applications (ISI)	2015
144.	A.M. Bica	referent	Soft Computing (ISI)	2016
145.	A.M. Bica	referent	International Journal of Nonlinear Analysis and Applications (BDI)	2016
146.	A.M. Bica	referent	Fuzzy Sets and Systems (ISI)	2016
147.	A.M. Bica	recenzor	Mathematical Reviews (BDI)	2016
148.	A.M. Bica	recenzor	Zentralblatt fur Mathematik (BDI)	2016
149.	A.M. Bica	referent	Iranian J. of Fuzzy Systems (ISI)	2016
150.	S.G. Gal	Membru in editorial board	Results in Mathematics (ISI)	
151.	S.G. Gal	referent	Numerical Functional Analysis and Optimization (ISI)	2016
152.	S.G. Gal	referent	Acta Math. Hungar. (ISI)	2016
153.	S.G. Gal	referent	IEEE Access (ISI)	2016
154.	S.G. Gal	referent	Studia UBB Math (BDI)	2016
155.	S.G. Gal	referent	Journal of Function Spaces (BDI)	2016
156.	S.G. Gal	recenzor	Mathematical Reviews (BDI)	2016
157.	S.G. Gal	recenzor	Zentralblatt fur Mathematik (BDI)	2016
158.	A. Alb-Lupas	Membru in editorial board	Journal of Advances in Applied & Computational Mathematics (BDI)	2016
159.	A.Alb-Lupas	referent	TURKISH JOURNAL OF MATHEMATICS (BDI)	2016
160.	A.Alb-Lupas	referent	J. of Nonlinear Sciences and its Application (BDI)	2016
161.	A.Alb-Lupas	referent	The Journal of Fractional Calculus and its Applications (BDI)	2016
162.	G.I. Oros	referent	Theory and Applications of Mathematics & Computer Science Journal (BDI)	2016
163.	G.I.Oros	referent	Studia Mathematica (BDI)	2016
164.	A. Catas	referent	Jordan Journal of Mathematics & Statistics (BDI)	2016
165.	A. Catas	referent	Automation, Computers, Applied Mathematics (BDI)	2016
166.	A. Catas	referent	International Journal of Mathematics and Mathematical Sciences (BDI)	2016
167.	A. Catas	referent	ROMAI Journal (BDI)	2016
168.	M. Balaj	Membru in editorial board	Carpathian J. Math. (ISI)	2016
169.	M. Balaj	Membru in editorial board	Fixed Point Theory (ISI)	2016
170.	M. Balaj	Membru in	J. of Inequalities and Applications (ISI)	2016

		editorial board		
171.	M. Balaj	referent	J. Function Spaces (ISI)	2016
172.	M. Balaj	referent	Fixed Point Theory (ISI)	2016
173.	M. Balaj	referent	Analele Stiintifice ale Universitatii "Al. I. Cuza" din Iasi – Matematica (ISI)	2016
174.	M. Balaj	referent	Iranian Journal of Mathematical Sciences and Informatics (ISI)	2016
175.	M. Balaj	referent	International Journal of Analysis (BDI)	2016
176.	G. Cicortas	Membru in editorial board	International Journal of Geometry (BDI)	2016
177.	H. Oros	Membru in editorial board	INTERNATIONAL JOURNAL OF COMPUTERS COMMUNICATIONS & CONTROL (ISI)	2016
178.	L. Coroianu	referent	Fuzzy Sets and Systems (ISI)	2016
179.	L. Coroianu	referent	International Journal of Approximate Reasoning (ISI)	2016
180.	L. Coroianu	referent	IEEE Transactions on Fuzzy Systems (ISI)	2016
181.	L. Coroianu	referent	Journal of Optimization Theory and Applications (ISI)	2016
182.	L. Coroianu	referent	Journal of Intelligent and Fuzzy Systems (ISI)	2016
183.	A.M. Bica	referent	Fuzzy Sets and Systems (ISI)	2017
184.	A.M. Bica	referent	International Journal of Computer Mathematics (ISI)	2017
185.	A.M. Bica	referent	Journal of Mathematics & Fundamental Sciences (ISI)	2017
186.	A.M. Bica	referent	Journal of Computational & Applied Mathematics(ISI)	2017
187.	G. Cicortas	Membru in editorial board	International Journal of Geometry (BDI)	2017
188.	S.G. Gal	Membru in editorial board	Results in Mathematics (ISI)	2017
189.	S.G. Gal	Membru in editorial board	International Journal of Evolution Equations (BDI)	2017
190.	S.G. Gal	Membru in editorial board	European Journal of Pure and Applied Mathematics (BDI)	2017
191.	S.G. Gal	referent	Numerical Functional Analysis and Optimization (ISI)	2017
192.	S.G. Gal	referent	Results in Mathematics (ISI)	2017
193.	S.G. Gal	referent	Filomat (ISI)	2017
194.	S.G. Gal	referent	Fuzzy Sets and Systems (ISI)	2017
195.	S.G. Gal	referent	Publicationes Math. Debrecen (ISI)	2017
196.	S.G. Gal	referent	Mathematical Communications (ISI)	2017
197.	S.G. Gal	referent	Bull. Belgian Math. Society (ISI)	2017
198.	S.G. Gal	referent	J. Numer. Anal. Approx. Theory (Cluj) (BDI)	2017
199.	S.G. Gal	referent	J. of Mathematical Research with Applications (BDI)	2017
200.	S.G. Gal	referent	Anal. UNiv. Oradea, fasc. math. (BDI)	2017
201.	A. Catas	referent	Journal of Advances in Applied & Computational Mathematics (BDI)	2017
202.	L. Coroianu	recenzor	Mathematical Reviews (BDI)	2017
203.	L. Coroianu	recenzor	Zentralblatt fur Mathematik (BDI)	2017
204.	S.G. Gal	recenzor	Mathematical Reviews (BDI)	2017
205.	S.G. Gal	recenzor	Zentralblatt fur Mathematik (BDI)	2017
206.	A.M. Bica	recenzor	Mathematical Reviews (BDI)	2017
207.	A.M. Bica	recenzor	Zentralblatt fur Mathematik (BDI)	2017
208.	M. Balaj	recenzor	Mathematical Reviews (BDI)	2017
209.	M. Balaj	recenzor	Zentralblatt fur Mathematik (BDI)	2017
210.	A. Alb-Lupas	recenzor	Mathematical Reviews (BDI)	2017
211.	G.I. Oros	referent	Turkish Journal of Mathematics - ISI	2017
212.	G.I. Oros	referent	Khayyam Journal of Mathematics (BDI)	2017
213.	G.I. Oros	referent	Far East Journal of Mathematical Sciences (BDI)	2017
214.	G.I. Oros	referent	International Journal of Open Problems in Complex Analysis (BDI)	2017
215.	H. Oros	Membru in	International Journal of Computers Communications	2017

		editorial board	and Control (ISI)	
216.	M. Balaj	Membru in editorial board	Carpathian Journal of Mathematics (ISI)	2017
217.	M. Balaj	Membru in editorial board	FIXED POINT THEORY (ISI)	2017
218.	M. Balaj	Membru in editorial board	Journal of Inequalities and Applications	2017
219.	M. Balaj	referent	Journal of Computational and Applied Mathematics (ISI)	2017
220.	M. Balaj	referent	Filomat (ISI)	2017
221.	M. Balaj	referent	Fixed Point Theory (ISI)	2017
222.	S.G. Gal	Membru in editorial board	Results in Mathematics (revista ISI)	2018
223.	S.G. Gal	Membru in editorial board	International Journal of Evolution Equations (BDI)	2018
224.	S.G. Gal	Membru in editorial board	European Journal of Pure and Applied Mathematics (BDI)	2018
225.	S.G. Gal	recenzor	Mathematical Reviews (BDI)	2018
226.	S.G. Gal	recenzor	Zentralblatt fur Mathematik (BDI)	2018
227.	S.G. Gal	referent	Acta Mathematica Universitatis Comenianae (ISI)	2018
228.	S.G. Gal	referent	Results in Mathematics (ISI)	2018
229.	S.G. Gal	referent	Matematicki Vesnik (BDI)	2018
230.	S.G. Gal	referent	Acta et Commentationes Universitatis Tartuensis de Mathematica (ISI)	2018
231.	S.G. Gal	referent	Studia. Sci. Math. Hungarica (ISI)	2018
232.	S.G. Gal	referent	Facta Universitatis, Series Mathematics and Informatics, Nis Serbia (BDI)	2018
233.	S.G. Gal	referent	Periodica Mathematica Hungarica (ISI)	2018
234.	S.G. Gal	referent	Advances in Differential Equations (ISI)	2018
235.	S.G. Gal	referent	Complex Analysis and Operator Theory (ISI)	2018
236.	M. Balaj	Membru in editorial board	Carpathian Journal of Mathematics (ISI)	2018
237.	M. Balaj	Membru in editorial board	FIXED POINT THEORY (ISI)	2018
238.	M. Balaj	Membru in editorial board	Journal of Inequalities and Applications	2018
239.	M. Balaj	referent	Carpathian Journal of Mathematics (ISI)	2018
240.	M. Balaj	referent	FIXED POINT THEORY (ISI)	2018
241.	M. Balaj	referent	J. Nonlinear and Convex Analysis (ISI)	2018
242.	M. Balaj	referent	Numerical Funct. Analysis and Optimiz. (ISI)	2018
243.	M. Balaj	referent	Fixed Point Theory and Appl. (BDI)	2018
244.	Alina Alb Lupas	Membru in editorial board	Journal of Advances in Applied & Computational Mathematics (BDI)	2018
245.	Alina Alb Lupas	referent	Horizon Research Publishing (BDI)	2018
246.	Alina Alb Lupas	referent	Journal of Advances in Applied & Computational Mathematics (BDI)	2018
247.	Alina Alb Lupas	referent	Revista de la Real Academia de Ciencias Exactas, Físicas y Naturales. Serie A. Matemáticas (BDI)	2018
248.	Alina Alb Lupas	referent	Southeast Asian Bulletin of Mathematics (BDI)	2018
249.	Alina Alb Lupas	referent	Asia Mathematika (BDI)	2018
250.	Alina Alb Lupas	referent	INDIAN JOURNAL OF MATHEMATICS (BDI)	2018
251.	Alina Alb Lupas	referent	TWMS J. App. Eng. Math (BDI)	2018

252.	Alina Alb Lupas	referent	The Korean Journal of Mathematics (BDI)	2018
253.	Alina Alb Lupas	referent	Symmetry (BDI)	2018
254.	Alina Alb Lupas	referent	INDIAN JOURNAL OF MATHEMATICS/ BULLETIN OF THE ALLAHABAD MATHEMATICAL SOCIETY (BDI)	2018
255.	Alina Alb Lupas	referent	BULLETIN OF THE KOREAN MATHEMATICAL SOCIETY (BDI)	2018
256.	G.I. Oros	referent	Miskolc Mathematical Notes (ISI)	2018
257.	G.I. Oros	referent	Mathematica (ISI)	2018
258.	G.I. Oros	referent	Theory and Applications of Mathematics & Computer Science Journal (BDI)	2018
259.	G.I. Oros	referent	INDIAN JOURNAL OF MATHEMATICS (IJM)/BULLETIN OF THE ALLAHABAD MATHEMATICAL SOCIETY (Bulletin) (BDI)	2018
260.	G.I. Oros	referent	Asian Research Journal of Mathematics (BDI)	2018
261.	L. Coroianu	Membru in editorial board	Fuzzy Sets and Systems (ISI)	2018
262.	L. Coroianu	referent	Fuzzy Sets and Systems (ISI)	2018
263.	L. Coroianu	referent	IEEE Transactions on Fuzzy Systems (ISI)	2018
264.	L. Coroianu	recenzor	Mathematical Reviews (BDI)	2018
265.	L. Coroianu	recenzor	Zentralblatt fur Mathematik (BDI)	2018
266.	A. Alb-Lupas	recenzor	Mathematical Reviews (BDI)	2018
267.	M. Balaj	recenzor	Mathematical Reviews (BDI)	2018
268.	M. Balaj	recenzor	Zentralblatt fur Mathematik (BDI)	2018
269.	Catas A.	referent	Annales Universitatis Mariae Curie-Sklodowska (BDI)	2018
270.	Catas A.	referent	IETE Journal of Research (BDI)	2018
271.	A.M. Bica	recenzor	Mathematical Reviews (BDI)	2018
272.	A.M. Bica	recenzor	Zentralblatt fur Mathematik (BDI)	2018
273.	A.M. Bica	referent	Journal of Intelligent and Fuzzy Systems (ISI)	2018
274.	A.M. Bica	referent	Fuzzy Sets and Systems (ISI)	2018
275.	Oros Horea	Membru in editorial board	International Journal of Computers Communications and Control (ISI)	2015
276.	Oros Horea	Membru in editorial board	International Journal of Computers Communications and Control (ISI)	2016
277.	Oros Horea	Membru in editorial board	International Journal of Computers Communications and Control (ISI)	2017
278.	Oros Horea	Membru in editorial board	International Journal of Computers Communications and Control (ISI)	2018

6.2.	**Membrii in colectivele de redactie ale revistelor recunoscute national (categ. B): 31; punctaj 31x10=310**	
Nr.	Revista	An
1.	Analele Universitatii din Oradea, fasc. math. (B+, CNCSIS 428)- editor sef (Sorin G. Gal)	2014
2.	Analele Universitatii din Oradea, fasc. math. (B+, CNCSIS 428)- editor sef adjunct (Mircea Balaj)	2014
3.	Analele Universitatii din Oradea, fasc. math. (B+, CNCSIS 428)- membru în colectivul de redacţie (A.I. Ban)	2014
4.	Analele Universitatii din Oradea, fasc. math. (B+, CNCSIS 428)- membru în colectivul de redacţie (D. Pasca)	2014
5.	Analele Universitatii din Oradea, fasc. math. (B+, CNCSIS 428)- membru în colectivul de redacţie (A.M. Bica)	2014
6.	Analele Universitatii din Oradea, fasc. math. (B+, CNCSIS 428)- membru în colectivul de redacţie (Constantin Popescu)	2014

7.	Analele Universitatii din Oradea, fasc. math. (B+, CNCSIS 428)-managing editor (Alina Alb Lupas)	2014
8.	Analele Universitatii din Oradea, fasc. math. (B+, CNCSIS 428)-managing editor (Alina Alb Lupas)	2015
9.	Analele Universitatii din Oradea, fasc. math. (B+, CNCSIS 428)- membru în colectivul de redacţie (A.M. Bica)	2015
10.	Analele Universitatii din Oradea, fasc. math. (B+, CNCSIS 428)- editor sef (Sorin G. Gal)	2015
11.	Analele Universitatii din Oradea, fasc. math. (B+, CNCSIS 428)- membru în colectivul de redacţie (Constantin Popescu)	2015
12.	Analele Universitatii din Oradea, fasc. math. (B+, CNCSIS 428)- membru în colectivul de redacţie (A.I. Ban)	2015
13.	Analele Universitatii din Oradea, fasc. math. (B+, CNCSIS 428)- editor sef adjunct (Mircea Balaj)	2015
14.	Analele Universitatii din Oradea, fasc. math. (B+, CNCSIS 428)- editor sef (Sorin G. Gal)	2016
15.	Analele Universitatii din Oradea, fasc. math. (B+, CNCSIS 428)- editor sef adjunct (Mircea Balaj)	2016
16.	Analele Universitatii din Oradea, fasc. math. (B+, CNCSIS 428)- membru în colectivul de redacţie (Constantin Popescu)	2016
17.	Analele Universitatii din Oradea, fasc. math. (B+, CNCSIS 428)- membru în colectivul de redacţie (A.M. Bica)	2016
18.	Analele Universitatii din Oradea, fasc. math. (B+, CNCSIS 428)-managing editor (Alina Alb Lupas)	2016
19.	Analele Universitatii din Oradea, fasc. math. (B+, CNCSIS 428)- membru în colectivul de redacţie (A.I. Ban)	2016
20.	Analele Universitatii din Oradea, fasc. math. (B+, CNCSIS 428)- membru în colectivul de redacţie (A.M. Bica)	2017
21.	Analele Universitatii din Oradea, fasc. math. (B+, CNCSIS 428)- editor sef (Sorin G. Gal)	2017
22.	Analele Universitatii din Oradea, fasc. math. (B+, CNCSIS 428)-managing editor (Alina Alb Lupas)	2017
23.	Analele Universitatii din Oradea, fasc. math. (B+, CNCSIS 428)- membru în colectivul de redacţie (Constantin Popescu)	2017
24.	Analele Universitatii din Oradea, fasc. math. (B+, CNCSIS 428)- membru în colectivul de redacţie (A.I. Ban)	2017
25.	Analele Universitatii din Oradea, fasc. math. (B+, CNCSIS 428)- editor sef adjunct (Mircea Balaj)	2017
26.	Analele Universitatii din Oradea, fasc. math. (B+, CNCSIS 428)- membru în colectivul de redacţie (A.M. Bica)	2018
27.	Analele Universitatii din Oradea, fasc. math. (B+, CNCSIS 428)- editor sef (Sorin G. Gal)	2018
28.	Analele Universitatii din Oradea, fasc. math. (B+, CNCSIS 428)-managing editor (Alina Alb Lupas)	2018
29.	Analele Universitatii din Oradea, fasc. math. (B+, CNCSIS 428)- membru în colectivul de redacţie (Constantin Popescu)	2018
30.	Analele Universitatii din Oradea, fasc. math. (B+, CNCSIS 428)- membru în colectivul de redacţie (A.I. Ban)	2018
31.	Analele Universitatii din Oradea, fasc. math. (B+, CNCSIS 428)- editor sef adjunct (Mircea Balaj)	2018

6.3.	**Premii internationale obtinute printr-un proces de selectie: ---**
6.4.	**Premii nationale ale Academiei Romane: 0x20=**
6.5.	**Conducatori de doctorat membrii ai unitatii de cercetare: 2** (prof. univ. dr. habil. Sorin Gal, prof. univ. dr. habil. Bica Alexandru Mihai); punctaj **2x10=20**

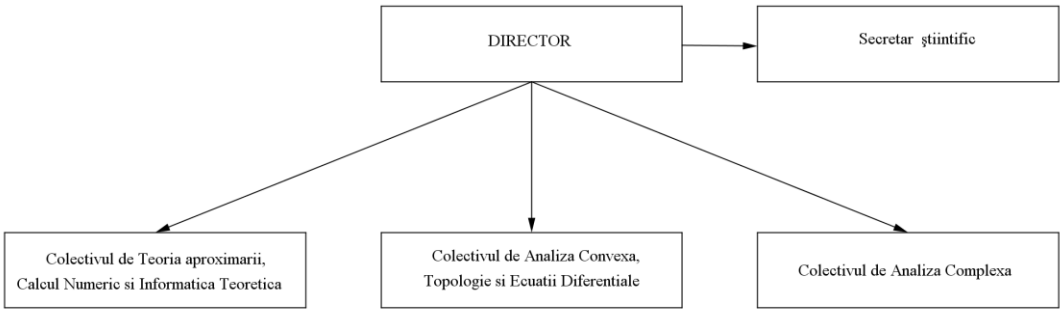
6.6.	**Numar de doctori in stiinta membrii ai unitatii de cercetare:17; punctaj 17x10=170**

7. VENITURI REALIZATE PRIN CONTRACTE DE CERCETARE

7.1.	**Numarul si valoarea contractelor de cercetare internationale finantate din fonduri publice**		
	Contract/Tema/Perioada		**Valoare (Euro)**
	Total		
7.2.	**Numarul si valoarea contractelor de cercetare internationale finantate din fonduri private**		
	Contract/Tema/Perioada		**Valoare (Euro)**
	Total		
7.3.	**Numarul si valoarea contractelor de cercetare nationale finantate din fonduri publice**		
		Contract/Tema/Perioada	**Valoare (RON)**
	Granturi nationale	**-**	
	Proiect din PNCDI II	Proiect IDEI, PN-II-ID-PCE-2011-3-0861/2011-2014, Universitatea din Oradea, director prof. univ. dr. S.G. Gal (echipa proiectului: S.G. Gal, A.I.Ban, L. Coroianu): Aproximare prin operatori neliniari max-produs si prin metode tip distanta in teoria numerelor fuzzy, (5.10.2011-5.10.2016)	Total 2013-2015: 688.214 Ron
	Proiect din PNCDI II	PN-III-P1-1.1-PD-2016-1416: Aproximare cu operatori max-produs Kantorovich si cu operatori minimizanti. Metode variationale in gasirea constantelor Lipschitz optime si a inegalitatii lui Turan pentru polinoame quaternionice (01.05.2018-30.04.2020)	250000 RON
	Proiecte internationale	**-**	
	Contracte de cercetare / consultanta pt. mediul economic	**-**	
7.4.	**Numarul si valoarea contractelor de cercetare nationale finantate din fonduri private**		
	Contract/Tema/Perioada		**Valoare (RON)**
	Total		
7.5.	**Alte surse**		
	Contract/Tema/Perioada		**Valoare (RON)**
	Total		
7.6.	**Venituri realizate din activitati economice (servicii, microproductie)**		
	Contract/Tema/Perioada		**Valoare (RON)**
	Total		

8. RESURSA UMANĂ DE CERCETARE (Total personal de cercetare care realizeaza venituri din activitatea de cercetare dezvoltare): 17

8.1. Organigrama



8.2. Structura de personal

Structura de personal: prof. univ. dr. Bica Alexandru Mihai (director), prof. univ. dr. Gal Gh. Sorin, prof. univ. dr. Balaj Mircea, prof. univ. dr. Ban Adrian, prof. univ. dr. Pasca Daniel, prof. univ.dr. Popescu Constantin, conf. univ. dr. Popescu Liviu, conf. univ. dr. Fechete Ioan (secretar ştiinţific), conf. univ. dr. Muresan Sorin, conf. univ. dr. Oros Georgia Irina, lect. univ. dr. Cicortas Gratiela, lect. univ. dr. Catas Adriana, lect. univ. dr. Alb-Lupas Alina, lect. univ. dr. Tripe Adela, lect. univ. dr. Fechete Dorina, lect. univ. dr. Coroianu Lucian, lect. univ. dr. Oros Horea.

Centrul de Cercetare in Analiza Matematica Aplicata si Informatica Teoretica este structurat pe 3 colective de cercetare:

- **Colectivul de Teoria aproximarii, Calcul Numeric si Informatica Teoretica:** Ban I. Adrian (coordonator), Gal Sorin Gheorghe, Bica Alexandru Mihai, Popescu Constantin, Fechete Ioan, Coroianu Lucian, Fechete Dorina, Oros Horea
- **Colectivul de Analiza Convexa, Topologie si Ecuatii Diferentiale**: Balaj Mircea (coordonator), Pasca Daniel, Liviu Popescu, Muresan Sorin, Cicortas Gratiela, Tripe Adela
- **Colectivul de Analiza Complexa**: Gal Sorin Gheorghe (coordonator), Oros Georgia Irina, Catas Adriana, Alb Lupas Alina

8.3. Date privind perfecţionarea resursei umane

Abilitarea in Matematica si calitatea de conducator de doctorat a fost obtinuta de catre Gal Sorin Gheorghe (in 2013) si Bica Alexandru Mihai (in 2015).

9. INFRASTRUCTURA DE CERCETARE – DEZVOLTARE

9.1. Laboratoare de cercetare – dezvoltare

Nr. crt.	Denumirea spatiului	Suprafata (m^2)	Grad de ocupare pentru cercetare (%)	Obs.
1.	Laborator de retele de calculatoare si securitatea datelor - C 103	45	15%	
2.	Laborator Informatica II - C 108	30	10%	
3.	Cabinet cadre didactice I – C 102	16	80%	
4.	Cabinet cadre didactice II –C 202	16	80%	
5.	Cabinet cadre didactice III –C 201	15	80%	

Laborator de retele de calculatoare si securitatea datelor - C 103

Nr. crt.	Echipament / soft	Nr. buc.	
1.	Fujitsu-Siemens AMD 64 3500+, 1GB RAM, 160 GB HDD, monitoare 17”	14	
2.	Videoproiector Toshiba TDP S8	2	
3.	retroproiector	1	
4.	ecran de proiectie	2	
5.	Windows XP+Linux		
6.	Microsoft Visual Studio 2005 Professional		licenta MSDNAA
7.	Microsoft Visual FoxPro 9		licenta MSDNAA
8.	SQL Server 2000 Developer		

9.	OpenOffice		

Laborator Informatica II - C 108

Nr. crt.	Echipament / soft	Nr. buc.	
1.	Fujitsu-Siemens AMD 64 3500+, 1GB RAM, 160 GB HDD, monitoare 17”	8	
2.	Fujitsu-Siemens Celeron 2,8 GHz, 256 MB RAM, 80 GB HDD, monitoare 17”	2	
3.	Videoproiector Toshiba TDP S8	1	
4.	retroproiector	1	
5.	ecran de proiectie	1	
6.	Windows XP		
7.	Microsoft Visual Studio 2005		licenta MSDNAA
8.	OpenOffice		

Cabinet cadre didactice I - C 102

Nr. crt.	Echipament / soft	Nr. buc.	
1.	Fujitsu-Siemens AMD 64 3500+, 1GB RAM, 160 GB HDD, monitoare 17”	3	
2.	Laptop HP Compaq 8710p	2	
3.	Imprimanta HP M2727nfs	1	
4.	Videoproiector Toshiba TDP S8	1	
5.	Ecran proiectie	1	
6.	Windows XP		
7.	OpenOffice		

Cabinet cadre didactice II - C 202

Nr. crt.	Echipament / soft	Nr. buc.	
1.	Memorie stick 8GB	2	Fonduri CEEX
2.	Memorie stick 2GB	1	Fonduri CEEX
3.	Windows XP		
4.	OpenOffice		
5.	Notebook HP nx 9420, Intel Core 2 Duo T 7400, 2.16 GHz, FSB 667 MHz, Memorie DDR2 4 GB, HDD SATA 120 GB 2.5”, Mobility Radeon X 1600 256 MB, 4 USB 2.0; Windows Vista	1	Fonduri CEEX
6.	Notebook Dell Latitude D620, Intel Core 2 Duo T550, 1.16 GHz, FSB 667 MHz, Memorie 2GB, HDD 80 GB, 4 USB 2.0; Windows XP Professional	1	Fonduri CEEX
7.	Sistem PC, Intel Pentium 4 HT, 3000 MHz, FSB 800 MHz, 2 GB, HDD 80 GB 7200 SATA II, 8 USB 2.0	1	Fonduri CEEX
8.	Imprimanta+Copiator+Scanner HP 3052	1	Fonduri CEEX

Cabinet cadre didactice III - C 201

Nr. crt.	Echipament / soft	Nr. buc.	
1.	Memorie stick 8GB	1	Fonduri CEEX
2.	Sistem PC Intel Pentium 4, 3000MHz, FSB 800 MHz, 2GB, 7200 SATA II 80 GB, 8 USB 2.0	1	Fonduri CEEX
3.	Notebook HP nx 9420, Intel Core 2 Duo T 7400, 2.16 GHz, FSB 667 MHz, Memorie DDR2 4 GB, HDD SATA 120 GB 2.5”, Mobility Radeon X 1600 256 MB, 4 USB 2.0; Windows Vista	1	Fonduri CEEX

9.2. Lista echipamentelor performante achiziţionate în ultimii 5 ani

1. Laptop Dell Inspiron 3537: achizitionat in 2014 din fonduri alocate prin premierea articolelor ISI, la un pret estimativ de 3200 Ron; Sistem de operare Windows 2007 Profesional

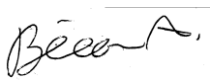
2. HDD mobil, capacitate 1TB, achzitionat in 2014 din aceleasi fonduri, la un pret estimativ de 350 Ron

10. CENTRALIZATOR PUNCTAJ CENTRU DE CERCETARE (*a se lista pe o singura pagina*)
CU EXCEPȚIA DOMENIILOR ARTE ŞI MUZICĂ

Capitol	Paragraf	Subparagraf	Punctaj	Punctaj / membru
4				
	4.1			
		4.1.1	3360	197,65
		4.1.2	3575	210,29
		4.1.3	0	0
	Total punctaj 4.1.		**6935**	407,94
	4.2			
		4.2.1	0	0
		4.2.2	0	0
	Total punctaj 4.2.		0	0
Total punctaj cap. 4			**6935**	**407,94**
5				
	5.1		200	11,77
	5.2		150	8,82
	5.3		0	0
Total punctaj cap. 5			**350**	**20,59**
6				
	6.1		5560	327,06
	6.2		310	18,23
	6.3		0	0
	6.4		0	0
	6.5		20	1,18
	6.6		170	10
Total punctaj cap. 6			**6060**	**356,47**
Punctaj general centru: 4+5+6			**13345**	**785**

Data: 1.03.2019

Director Centru de cercetare : Bica Alexandru Mihai

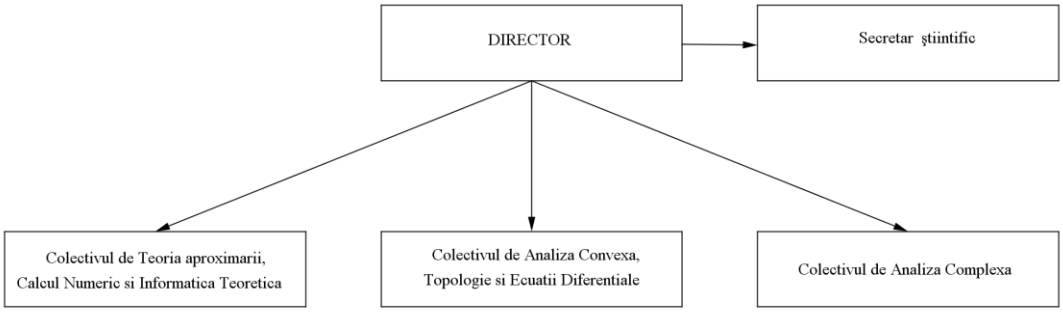


II. Modul de organizare şi Statutul de funcţionare a Centrului de Cercetare.

1. Denumirea, participanţi, structura, forma juridică, sediul, durata de activitate
Denumire: Centrul de cercetare in Analiza Matematica Aplicata si Informatica Teoretica
Participanti: prof. univ. dr. Bica Alexandru Mihai (director), prof. univ. dr. Gal Gh. Sorin, prof. univ. dr. Balaj Mircea, prof. univ. dr. Ban Adrian, prof. univ. dr. Pasca Daniel, prof. univ.dr. Popescu Constantin, conf. univ. dr. Popescu Liviu, conf. univ. dr. Fechete Ioan (Secretar ştiinţific), conf. univ. dr. Muresan Sorin, conf. univ. dr. Oros Georgia Irina, lect. univ. dr. Cicortas Gratiela, lect. univ. dr. Catas Adriana, lect. univ. dr. Alb-Lupas Alina, lect. univ. dr. Tripe Adela, lect. univ. dr. Fechete Dorina, lect. univ. dr. Coroianu Lucian, lect. univ. dr. Oros Horea.
Structura: 17 membri organizati in 3 colective de cercetare:

Teoria aproximarii, Calcul numeric si Informatica Teoretica
Analiza convexa, Topologie si Ecuatii diferentiale
Analiza complexa

Forma juridica: Centru de cercetare institutionalizat de interes local
*Sediu*l: spatiile din corpul C al Universitatii din Oradea administrate de Departamentul de Matematica si Informatica din cadrul Facultatii de Stiinte
Durata de activitate: incepand din 2004
2. Scopul şi necesitatea constituirii
Coagularea eforturilor in vederea obţinerii de rezultate de cercetare valoroase şi de fonduri necesare cercetării, precum si evidenţierea existenţei unei entităţi capabile de colaborări cu mediul ştiinţific şi cu cel socio-economic.
3. Obiect de activitate:
Desfasurarea de activitati de cercetare in colaborare si formarea tinerilor cercetatori
Participarea la proiecte de cercetare si publicarea rezultatelor cercetarii in reviste de larga circulatie internationala.
4. Principii de organizare şi funcţionare, Organigrama



5. Patrimoniul Centrului de Cercetare: laboratoare de cercetare dotate cu echipamente si softuri performante.
6. Reglementări financiare
7. Dispoziţii finale

Anexa 8

Prezentarea Centrului

1. Numele Centrului: Centrul de Cercetare in Analiza Matematica Aplicata si Informatica Teoretica **(CCAMAIT)**

2. Logo-ul Centrului:

3. Scurta prezentare a Centrului:

Acest centru de cercetare reuneste 17 cadre didactice din cadrul Departamentului de Matematica si Informatica al Facultatii de Stiinte si este structurat pe 3 colective de cercetare:

Colectivul de Teoria aproximarii, Calcul Numeric si Informatica Teoretica: Ban I. Adrian (coordonator), Gal Sorin Gheorghe, Bica Alexandru Mihai, Popescu Constantin, Fechete Ioan, Coroianu Lucian, Fechete Dorina, Oros Horea

Colectivul de Analiza Convexa, Topologie si Ecuatii Diferentiale: Balaj Mircea (coordonator), Pasca Daniel, Liviu Popescu, Muresan Sorin, Cicortas Gratiela, Tripe Adela

Colectivul de Analiza Complexa: Gal Sorin Gheorghe (coordonator), Oros Georgia Irina, Catas Adriana, Alb Lupas Alina

4. Misiunea unitatii de cercetare dezvoltare, directiile de cercetare, dezvoltare, inovare:

Misiunea centrului de cercetare este cercetarea ştiinţifică fundamentală în domeniul analizei reale şi complexe, a analizei numerice si informaticii teoretice. Prin crearea centrului de cercetare-dezvoltare se urmăreşte: coagularea eforturilor in vederea obţinerii de rezultate de cercetare valoroase şi de fonduri necesare cercetării, evidenţierea existenţei unei entităţi capabile de colaborări cu mediul ştiinţific şi cu cel socio-economic, dezvoltarea unui parteneriat puternic cu cercetători şi cu instituţii dedicate cercetării din ţară şi străinătate

5. Directiile de cercetare ale centrului sunt:

Teoria aproximării funcţiilor
Semigrupuri de operatori pe spaţii ne-local convexe
Teoria geometrică a funcţiilor
Mulţimi fuzzy intuiţioniste
Matematica fuzzy cu aplicaţii în procesarea imaginilor
Numere fuzzy, interpolare fuzzy, ecuatii diferentiale si integrale fuzzy
Teoria KKM şi teoreme de minimax
Teoria generală a punctului fix
Modelare matematică cu aplicaţii în biologie şi medicină
Orbite periodice în problema celor N-corpuri
Incluziuni diferenţiale
Teoria stabilităţii ecuaţiilor diferenţiale
Analiză numerică: cuadraturi numerice, operatori de interpolare, metode numerice pentru ecuatii diferentiale si integrale
Functii spline
Functii si varietati diferentiabile. Puncte si valori critice
Securitatea informatiei electronice si protectia datelor
Algoritmi de compresie şi decompresie a imaginilor

6. Valorificarea rezultatelor cercetarii si gradul sau de recunoastere:

Elaborarea de lucrări ştiinţifice publicate în reviste de specialitate cotate ISI/BDI sau

prezentate la conferinţe/simpozioane naţionale şi internaţionale.
Participarea în programe de cercetare-dezvoltare naţionale şi internaţionale.
Elaborarea de cărţi de specialitate/monografii, capitole din cărţi şi cursuri universitare legate de direcţiile de cercetare ale centrului.
Integrarea rezultatelor cercetării în alte domenii.
Creşterea nivelului ştiinţific şi de instruire a membrilor centrului

7. Echipamente / Sisteme de calcul / Software

A. Echipamente	
A1. Nume: A2. Caracteristici, performanta: A3. Aplicatii ce pot fi rulate: A4. Sursa de finantare: A5. Valoare estimata**:** A6. Anul achizitiei:	Imprimanta+Copiator+Scanner HP 3052 (1 buc, 900 Ron): 2007, Fonduri CEEX Memorie stick 8GB (3 buc, 3x250 Ron), Memorie stick 2GB (1 buc, 180 Ron): 2007 Fonduri CEEX HDD extern 1 TB (1 buc, 350 Ron): 2014, Fonduri Premierea articolelor ISI
B. Sisteme de calcul	
B1. Nume: B2. Caracteristici, performanta: B3. Aplicatii ce pot fi rulate: B4. Sursa de finantare: B5. Valoare estimata**:** B6. Anul achizitiei:	Laptop HP Compaq 8710p (2 buc), (2007, Fonduri CEEX, 2x4600 Ron), Windows XP Laptop Dell Inspiron 3537 (1 buc), (2014, Fonduri Premierea articolelor ISI, 3200 Ron), Windows 7 Profesional
C. Software	
C1. Nume: C2. Aplicatii ce pot fi rulate: C3.Numar maxim de utilizatori: C4. Sursa de finantare: C5. Valoare estimata**:** C6. Anul achizitiei:	Microsoft Visual Studio 2005, Microsoft Visual FoxPro 9, Open Office

Oradea, 1 martie 2019

Director:

Bica Alexandru Mihai
E-mail: abica@uoradea.ro

Presentation of the Center

1. Name of the Center: Research Center on Applied Mathematical Analysis and Theoretical Computer Science - **(CCAMAIT)**

2. Center′s logo:

3. Brief presentation of the Center

This research center includes 17 senior researchers belonging to the Department of Mathematics and Computer Science from Faculty of Sciences, being organized in 3 research teams:

Research Team on Approximation Theory, Scientific Computing and Theoretical Computer Science: Ban I. Adrian (leader), Gal Sorin Gheorghe, Bica Alexandru Mihai, Popescu Constantin, Fechete Ioan, Coroianu Lucian, Fechete Dorina, Oros Horea

Research Team on Convexe Analysis, Topology and Differential Equations: Balaj Mircea (leader), Pasca Daniel, Liviu Popescu, Muresan Sorin, Cicortas Gratiela, Tripe Adela, Bolojan Octavia

Research Team on Complex Analysis: Gal Sorin Gheorghe (leader), Oros Georgia Irina, Catas Adriana, Alb Lupas Alina

4. The mission of the research and development unit, the directions of research, development and innovation:

Fundamental research in Real Analysis, Complex Analysis, Numerical Analysis and Theoretical Computer Science. The purpose of creating this center is to unite the efforts focused on valuable research results and to apply for funds that could support the research activities which are to be applied in economis and natural sciences.

5. The research directions of the center are:

Approximation Theory
Operator Semigroups on non-local convexe spaces
Geometrical Theory of Functions
Intuitionistic Fuzzy Sets
Fuzzy Mathematics applied in Image Processing
Fuzzy numbers, Fuzzy interpolation, Fuzzy Differential and Integral Equations
KKM Theory and minimax theorems
The general Theory of Fixed Points
Mathematical modelling in Biology and Medicine
Periodic trajectories in the N-bodies problem
Differential inclusions
Stability theory of differential equations
Numerical Analysis: quadrature rules, interpolation operators, numerical methods for differential and integral equations
Spline Functions and Applications
Differentiable manifolds, differentiable functions. Critical points and critical values
Information security and data protection
Compression algorithms in Image Processing

6. Valorisation of research, development, innovation results and their degree of recognition

Publication of original research papers in ISI indexed (Web of Science) journals
Disemination of the research results to important international conferences
Accessing research programs with national and international funds
Publishing research books and monographs, book chapters and special courses in the research directions of the center

7. Equipment / Computing systems / Software

A. Equipment	
A1. Name: A2. Characteristics, performance: A3. Applications that can be performed: A4. Source of funding: A5. Estimated value**:** A6. Purchase year:	Printer+Copy+Scanner HP 3052 (1 piece, 900 Ron): 2007, Obtained by CEEX Programs Stick memory 8GB (3 pieces, 3x250 Ron), Stick Memory 2GB (1 piece, 180 Ron): 2007, Obtained by CEEX Programs HDD extern 1 TB (1 piece, 350 Ron): 2014, Financial source: „Premierea articolelor ISI”
B. Computing systems	
B1. Name: B2. Characteristics, performance: B3. Applications that can be performed: B4. Source of funding: B5. Estimated value**:** B6. Purchase year:	Laptop HP Compaq 8710p (2 pieces), (2007, Obtained by CEEX Programs, 2x4600 Ron), Windows XP Laptop Dell Inspiron 3537 (1 piece), (2014, Financial source: „Premierea articolelor ISI”, 3200 Ron), Windows 7 Profesional
C. Software	
C1. Name: C2. Applications that can be performed: C3. Maximum number of users: C4. Source of funding: C5. Estimated value**:** C6. Purchase year:	Microsoft Visual Studio 2005, Microsoft Visual FoxPro 9, Open Office

Oradea, March 1, 2019

Director

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