

**FIȘA DE VERIFICARE A STANDARDELOR MINIMALE PENTRU OBTINEREA
ATESTATULUI DE ABILITARE ÎN DOMENIUL MATEMATICĂ**

Prof. univ. dr. IOAN BAN

LISTA CITĂRILOR (Număr total citări: C=150)

Nr. Crt.	Referința bibliografică a publicației citate	Referința bibliografică a publicației care citează	f_i
1.	A. I. Ban, Entropy of fuzzy T-dynamical systems, Journal of Fuzzy Mathematics, vol. 6 (1998), pp. 351-362	J. Petrovičiová, On the entropy of dynamical systems in product MV- algebras, Fuzzy Sets and Systems, vol. 121 (2001), pp. 347-351	1.986
2.	A. I. Ban, Ergodicity of MV-dynamical systems, Soft Computing, vol. 5 (2001), pp. 327-333	D. Noje, B. Bede, Vectorial MV-algebras, Soft Computing, vol. 7 (2003), pp. 258-262	1.271
3.	K. T. Atanassov, A. I. Ban, Triangular norm-based intuitionistic fuzzy propositional calculus, Notes on Intuitionistic Fuzzy Sets, vol. 7 (2001), pp. 37-43	C. Alcalde, A. Burusco, R. Fuentes-Gonzales, A constructive method for the definition of interval-valued fuzzy implication operators, Fuzzy Sets and Systems, vol. 153 (2005), pp. 211--227	1.986
4.	A. I. Ban, Ergodicity of MV-dynamical systems, Soft Computing, vol. 5 (2001), pp. 327-333.	B. Bede, A. di Nola, Elementary calculus in Riesz MV-algebras, International Journal of Approximate Reasoning, vol. 36 (2004), pp. 129--149	2.451
5.	A. I. Ban, S. G. Gal, On the defect of complementarity of fuzzy measures, Fuzzy Sets and Systems, vol. 131 (2002), pp. 365-380.	S. Dick, Toward complex fuzzy logic, IEEE Transactions on Fuzzy Systems, vol. 13 (2005), pp. 405--414	8.746
6.	A. I. Ban, Entropy of fuzzy T-dynamical systems, Journal of Fuzzy Mathematics, vol. 6 (1998), pp. 351-362	B. Riečan, An entropy construction inspired by fuzzy sets, Soft Computing, vol. 7 (2003), pp. 486-488	1.271
7.	K. T. Atanassov, A. I. Ban, Triangular norm-based intuitionistic fuzzy propositional calculus, Notes on Intuitionistic Fuzzy Sets, vol. 7 (2001), pp. 37-43	G. Deschrijver, E. E. Kerre, Uninorms in L*-fuzzy set theory, Fuzzy Sets and Systems, vol. 148 (2004), pp. 243--262	1.986
8.	A. I. Ban, Entropy of fuzzy T-dynamical systems, Journal of Fuzzy Mathematics, vol. 6 (1998), pp. 351-362	B. Riečan, On the g-entropy and its Hudetz correction, Kybernetika, vol. 38 (2002), pp. 493-500	0.541
9.	A. I. Ban, I. Fechet, Componentwise decomposition of some lattice-valued fuzzy integrals, Information Sciences, vol. 177 (2007), pp. 1430-1440	H. Roman-Flores, A. Flores-Franulic, Y. Chalco-Cano, A Jensen type inequality for fuzzy integrals, Information Sciences, vol. 177 (2007), pp. 3192-3201	4.038
10.	A. I. Ban, A. Bica, Solving systems of equivalences, Journal of Applied Mathematics and Computing, vol. 20 (2006),	A. M. Bica, Algebraic structures for fuzzy numbers from categorial point of view, Soft Computing, vol. 11 (2007), pp. 1099-1105	1.271

	pp. 97-118		
11.	K. T. Atanassov, A. I. Ban, Triangular norm-based intuitionistic fuzzy propositional calculus, Notes on Intuitionistic Fuzzy Sets, vol. 7 (2001), pp. 37-43	G. Deschrijver, A representation of t-norms in interval-valued L-fuzzy set theory, Fuzzy Sets and Systems, vol. 159 (2008), pp. 1597-1626	1.986
12.	A. I. Ban, I. Fechet, Componentwise decomposition of some lattice-valued fuzzy integrals, Information Sciences, vol. 177 (2007), pp. 1430-1440	Agnes Rico, Sugeno integral in a finite Boolean algebra, Fuzzy Sets and Systems, vol. 159 (2008), pp. 1709-1718	1.986
13.	A. I. Ban, S. G. Gal, Defects of properties in mathematics. Quantitative characterizations, World Scientific, New Jersey, 2002	A. Kolesarova, R. Mesiar, Parametric characterization of aggregation functions, Fuzzy Sets and Systems, vol. 160 (2009), pp. 816-831	1.986
14.	A. I. Ban, I. Fechet, Componentwise decomposition of some lattice-valued fuzzy integrals, Information Sciences, vol. 177 (2007), pp. 1430-1440	Licong Cui, Yongming Li, Xiaohong Zhang, Intuitionistic fuzzy linguistic quantifiers based on intuitionistic fuzzy-valued measures and integrals, International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, vol. 17 (2009), pp. 427-448	0.954
15.	A. I. Ban, S. G. Gal, Defects of properties in mathematics. Quantitative characterizations, World Scientific, New Jersey, 2002	Lotfi A. Zadeh, Toward extended fuzzy logic-A first step, Fuzzy Sets and Systems, vol. 160 (2009), pp. 3175-3181	1.986
16.	A. I. Ban, B. Bede, Cross product of L-R fuzzy numbers and properties, An. Univ. Oradea-fasc. math, vol. 9 (2003), pp. 95-108	Antonio Maturo, Alternative Fuzzy Operations and Applications to Social Sciences, International Journal of Intelligent Systems, vol. 24 (2009), pp. 1243-1264	1.886
17.	A. I. Ban, Sugeno integral with respect to intuitionistic fuzzy-valued fuzzy measures, Notes on Intuitionistic Fuzzy Sets, vol. 11 (2005), pp. 47-61	Ronald Yager, OWA aggregation of intuitionistic fuzzy sets, International Journal of General Systems, vol. 38 (2009), pp. 617-641	1.637
18.	A. I. Ban, B. Bede, Cross product of L-R fuzzy numbers and applications, Anal. Univ. Oradea, fasc. math., vol. IX (2002), pp. 95-108	J. Fodor, B. Bede, Recent advances in fuzzy arithmetics, International Journal of Computers, Communications & Control, vol. 1 (2006), pp. 199-207	0.746
19.	A. I. Ban, B. Bede, Properties of the cross product of fuzzy numbers, Journal of Fuzzy Mathematics, vol. 14 (2006), pp. 513-531	J. Fodor, B. Bede, Recent advances in fuzzy arithmetics, International Journal of Computers, Communications & Control, vol. 1 (2006), pp. 199-207	0.746
20.	A. I. Ban, S. G. Gal, On the defect of additivity of fuzzy measures, Fuzzy Sets and Systems, vol. 127 (2002), pp. 353-362	J. Caballero, K. Sadarangani, Chebyshev inequality for Sugeno integrals, Fuzzy Sets and Systems, vol. 161 (2010), pp. 1480-1487	1.986
21.	A. I. Ban, S. G. Gal, Measures of noncompactness for fuzzy sets in fuzzy topological spaces, Fuzzy Sets and Systems, vol. 109 (2000), pp. 205-216	Hong-Yan Li, Fu-Gui Shi, Degrees of fuzzy compactness in L-fuzzy topological spaces, Fuzzy Sets and Systems, vol. 161 (2010), pp. 988-1001	1.986
22.	A. I. Ban, B. Bede, Properties of the cross product of fuzzy numbers, Journal of Fuzzy Mathematics, vol. 14 (2006), pp. 513-531	W. Chen, S. Tan, On the possibilistic mean value and variance of multiplication of fuzzy numbers, Journal of Computational and Applied Mathematics, vol. 232 (2009), pp. 327-334	1.266
23.	A. I. Ban, Approximation of fuzzy numbers by trapezoidal fuzzy numbers preserving the expected interval, Fuzzy Sets and Systems,	C.-T. Yeh, Weighted trapezoidal and triangular approximations of fuzzy numbers, Fuzzy Sets and Systems, vol. 160 (2009), pp.	1.986

	vol. 159 (2008), pp. 1327-1344	3059--3079	
24.	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.	S. Abbasbandy, T. Hajjari, Weighted trapezoidal approximation-preserving cores of a fuzzy number, Computers and Mathematics with Applications, vol. 59 (2010), pp. 3066--3077	1.697
25.	A. I. Ban, On the nearest parametric approximation of a fuzzy number-revisited, Fuzzy Sets and Systems, vol. 160 (2009), pp. 3027-3047	S. Abbasbandy, T. Hajjari, Weighted trapezoidal approximation-preserving cores of a fuzzy number, Computers and Mathematics with Applications, vol. 59 (2010), pp. 3066--3077	1.697
26.	A. I. Ban, Triangular and parametric approximation of fuzzy numbers-inadvertences and corrections, Fuzzy Sets and Systems, vol. 160 (2009), pp. 3048-3058	S. Abbasbandy, T. Hajjari, Weighted trapezoidal approximation-preserving cores of a fuzzy number, Computers and Mathematics with Applications, vol. 59 (2010), pp. 3066--3077	1.697
27.	A. I. Ban, I. Fechete, Componentwise decomposition of some lattice-valued fuzzy integrals, Information Sciences, vol. 177 (2007), 1430-1440	Yao Ouyang, Radko Mesiar, Hamzeh Agahi, An inequality related to Minkowski type for Sugeno integrals, Information Sciences, vol. 180 (2010), 2793-2801	4.038
28.	A. I. Ban, Entropy of fuzzy T-dynamical systems, Journal of Fuzzy Mathematics, vol.6 (1998), 351-362	Wen-Chiao Cheng, Conditional fuzzy entropy of maps in fuzzy systems, Theory of Computing Systems, vol. 48 (2011), pp. 767-780	0.533
29.	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	Y. Chalco-Cano, A. D. Baez-Sanchez, On the approximation of compact fuzzy sets, Computers and Mathematics with Applications, vol. 61 (2011), pp. 412-420	1.697
30.	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	Chi-Tsuen Yeh, Weighted semi-trapezoidal approximations of fuzzy numbers, Fuzzy Sets and Systems, vol. 165 (2011), pp. 61-80	1.986
31.	A. I. Ban, On the nearest parametric approximation of a fuzzy number - revisited, Fuzzy Sets and Systems, vol. 160 (2009), pp. 3027-3047	Chi-Tsuen Yeh, Weighted semi-trapezoidal approximations of fuzzy numbers, Fuzzy Sets and Systems, vol. 165 (2011), pp. 61-80	1.986
32.	A. I. Ban, Triangular and parametric approximations of fuzzy numbers-inadvertences and corrections, Fuzzy Sets and Systems, vol. 160 (2009), pp. 3048-3058	Chi-Tsuen Yeh, Weighted semi-trapezoidal approximations of fuzzy numbers, Fuzzy Sets and Systems, vol. 165 (2011), pp. 61-80	1.986
33.	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	Lucian Coroianu, Best Lipschitz constant of the trapezoidal approximation operator preserving the expected interval, Fuzzy Sets and Systems, vol. 165 (2011), pp. 81-97	1.986
34.	A. I. Ban, On the nearest parametric approximation of a fuzzy number - revisited, Fuzzy Sets and Systems, vol. 160 (2009), pp. 3027-3047	Lucian Coroianu, Best Lipschitz constant of the trapezoidal approximation operator preserving the expected interval, Fuzzy Sets and Systems, vol. 165 (2011), pp. 81-97	1.986
35.	A. I. Ban, Triangular and parametric approximations of fuzzy numbers-inadvertences and corrections, Fuzzy Sets and Systems, vol. 160 (2009), pp. 3048-3058	Lucian Coroianu, Best Lipschitz constant of the trapezoidal approximation operator preserving the expected interval, Fuzzy Sets and Systems, vol. 165 (2011), pp. 81-97	1.986

36.	A. I. Ban, L. Coroianu, Continuity and linearity of the trapezoidal approximation preserving the expected interval operator, in: International Fuzzy Systems Association World Congress, 20-24 July 2009, pp. 798-802	Lucian Coroianu, Best Lipschitz constant of the trapezoidal approximation operator preserving the expected interval, Fuzzy Sets and Systems, vol. 165 (2011), pp. 81-97	1.986
37.	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	Vernieuwe, H., Verhoest, N.E.C., Lievens, H., Posibilistic Soil Roughness Identification for Uncertainty Reduction on SAR-Retrieved Soil Moisture, IEEE Transactions on Geoscience and Remote Sensing, vol. 49 (2011), pp. 628-638	3.514
38.	A. I. Ban, S. G. Gal, On the defect of additivity of fuzzy measures, Fuzzy Sets and Systems, vol. 127 (2002), pp. 353-362	Zhang Ling, Zhang Bo, Zhang Yan Ping, The structural analysis of fuzzy measures, Science China-Information Sciences, vol. 54 (2011), pp. 38--50	0.850
39.	A. I. Ban, S. G. Gal, On the defect of complementarity of fuzzy measures, Fuzzy Sets and Systems, vol. 131 (2002), pp. 365-380	Zhang Ling, Zhang Bo, Zhang Yan Ping, The structural analysis of fuzzy measures, Science China-Information Sciences, vol. 54 (2011), pp. 38--50	0.850
40.	A. I. Ban, Entropy of fuzzy T-dynamical systems, Journal of Fuzzy Mathematics, vol.6 (1998), pp. 351-362	Wen-Chiao Cheng, Bing Li, Zero entropy systems, Journal of Statistical Physics, vol. 140 (2010), pp. 1006-1021	1.202
41.	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	Grzegorzewski, P., Trapezoidal approximations of fuzzy numbers preserving the expected interval-Algorithms and properties, Fuzzy Sets and Systems, vol. 159 (2008), pp. 1354-1364	1.986
42.	A. I. Ban, B. Bede, Properties of the cross product of fuzzy numbers, Journal of Fuzzy Mathematics, vol. 14 (2006), pp. 513-531	R. Jafari, W. Yu, Fuzzy control for uncertainty nonlinear systems with dual fuzzy equations, Journal of Intelligent & Fuzzy Systems, vol. 29 (2015), pp. 1229-1240	1.812
43.	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	S. Abbasbandy, E. Ahmady, N. Ahmady, Triangular approximations of fuzzy numbers using alpha-weighted valuations, Soft Computing, vol. 14 (2010), pp. 71-79	1.271
44.	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	G. Wang, P. Shi, P. Messenger, Constructing n-cell numbers by using double-side separation degrees and pattern recognition based on the maximal membership principle, Signal Processing (IET), vol. 5 (2011), pp. 652-661	2.209
45.	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	M. Amirfakhrian, Analyzing the solution of a system of fuzzy linear equations by a fuzzy distance, Soft Computing, vol. 16 (2012), pp. 1035-1041	1.271
46.	A. I. Ban, Triangular and parametric approximations of fuzzy numbers-inadvertences and corrections, Fuzzy Sets and Systems, vol. 160 (2009), pp. 3048-3058	M. Amirfakhrian, Analyzing the solution of a system of fuzzy linear equations by a fuzzy distance, Soft Computing, vol. 16 (2012), pp. 1035-1041	1.271
47.	A. I. Ban, Approximation of fuzzy numbers by trapezoidal fuzzy numbers preserving the expected interval, Fuzzy Sets and Systems,	Jian Li, Zhong Xing Wang, Qi Yue, Triangular approximation preserving the centroid of fuzzy numbers, International	0.824

	vol. 159 (2008), pp. 1327-1344	Journal of Computer Mathematics, vol. 89 (2012), pp. 810-821	
48.	A. I. Ban, On the nearest parametric approximation of a fuzzy number - revisited, Fuzzy Sets and Systems, vol. 160 (2009), pp. 3027-3047	Jian Li, Zhong Xing Wang, Qi Yue, Triangular approximation preserving the centroid of fuzzy numbers, International Journal of Computer Mathematics, vol. 89 (2012), pp. 810-821	0.824
49.	A. I. Ban, Trapezoidal and triangular approximations of fuzzy numbers-inadvertences and corrections, Fuzzy Sets and Systems, vol. 160 (2009), pp. 3048-3058	Jian Li, Zhong Xing Wang, Qi Yue, Triangular approximation preserving the centroid of fuzzy numbers, International Journal of Computer Mathematics, vol. 89 (2012), pp. 810-821	0.824
50.	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	L. Coroianu, Lipschitz functions and fuzzy number approximations, Fuzzy Sets and Systems, vol. 200 (2012), pp. 116-135	1.986
51.	A. I. Ban, On the nearest parametric approximation of a fuzzy number - revisited, Fuzzy Sets and Systems, vol. 160 (2009), pp. 3027-3047	L. Coroianu, Lipschitz functions and fuzzy number approximations, Fuzzy Sets and Systems, vol. 200 (2012), pp. 116-135	1.986
52.	A. I. Ban, Trapezoidal and triangular approximations of fuzzy numbers-inadvertences and corrections, Fuzzy Sets and Systems, vol. 160 (2009), pp. 3048-3058	L. Coroianu, Lipschitz functions and fuzzy number approximations, Fuzzy Sets and Systems, vol. 200 (2012), pp. 116-135	1.986
53.	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	L. Coroianu, Lipschitz functions and fuzzy number approximations, Fuzzy Sets and Systems, vol. 200 (2012), pp. 116-135	1.986
54.	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	L. Coroianu, Lipschitz functions and fuzzy number approximations, Fuzzy Sets and Systems, vol. 200 (2012), pp. 116-135	1.986
55.	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	L. Coroianu, Lipschitz functions and fuzzy number approximations, Fuzzy Sets and Systems, vol. 200 (2012), pp. 116-135	1.986
56.	A. I. Ban, L. Coroianu, Metric properties of the nearest extended parametric fuzzy number and applications, International Journal of Approximate Reasoning, vol. 52 (2011), pp. 488-500	L. Coroianu, Lipschitz functions and fuzzy number approximations, Fuzzy Sets and Systems, vol. 200 (2012), pp. 116-135	1.986
57.	L. Coroianu, Lipschitz functions and fuzzy number approximations, Fuzzy Sets and Systems, vol. 200 (2012), pp. 116-135	L. Coroianu, Lipschitz functions and fuzzy number approximations, Fuzzy Sets and Systems, vol. 200 (2012), pp. 116-135	1.986
58.	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	M. Amirfakhrian, Analyzing the solution of a system of fuzzy linear equations by a fuzzy distance, Soft Computing, vol. 16 (2012), pp. 1035-1041	1.271

59.	A. I. Ban, Trapezoidal and triangular approximations of fuzzy numbers-inadvertences and corrections, <i>Fuzzy Sets and Systems</i> , vol. 160 (2009), pp. 3048-3058	M. Amirfakhrian, Analyzing the solution of a system of fuzzy linear equations by a fuzzy distance, <i>Soft Computing</i> , vol. 16 (2012), pp. 1035-1041	1.271
60.	A. I. Ban, Trapezoidal and triangular approximations of fuzzy numbers-inadvertences and corrections, <i>Fuzzy Sets and Systems</i> , vol. 160 (2009), pp. 3048-3058	Zoltan Makó, Real vector space of LR-fuzzy intervals with respect to the shape-preserving t-norm-based addition, <i>Fuzzy Sets and Systems</i> , vol. 200 (2012), pp. 136-149	1.986
61.	A. I. Ban, B. Bede, Properties of the cross product of fuzzy numbers, <i>Journal of Fuzzy Mathematics</i> , vol. 14 (2006), pp. 513-531	A.M. Bica, The middle-parametric representation of fuzzy numbers and applications to fuzzy interpolation, <i>International Journal of Approximate Reasoning</i> , vol. 68 (2016), pp. 27-44	2.451
62.	A. I. Ban, S.G. Gal, Defects of properties in mathematics. Quantitative characterizations, World Scientific, New Jersey, 2002	Libor Běhounek, Graded properties of unary and binary connectives, <i>Fuzzy Sets and Systems</i> 202 (2012), pp. 1-41	1.986
63.	A. I. Ban, Intuitionistic Fuzzy Measures: Theory and Applications, Nova Science Publishers, New York, 2006	Dong Qiu, Weiquan Zhang, Cheng Li, Extension of a class of decomposable measures using fuzzy pseudometrics, <i>Fuzzy Sets and Systems</i> , vol. 222 (2013), pp. 33-44	1.986
64.	A. I. Ban, I. Fechet, Componentwise decomposition of some lattice-valued fuzzy integrals, <i>Information Sciences</i> , vol. 177 (2007), pp. 1430-1440	Shen-qing Jiang, Cong-Hua Yan, L-intuitionistic fuzzy σ -algebras, <i>Computers and Mathematics with Applications</i> , vol. 64 (2012), pp. 1849-1865	1.697
65.	A. I. Ban, Intuitionistic Fuzzy Measures: Theory and Applications, Nova Science Publishers, New York, 2006.	Shen-qing Jiang, Cong-Hua Yan, L-intuitionistic fuzzy σ -algebras, <i>Computers and Mathematics with Applications</i> , vol. 64 (2012), pp. 1849-1865	1.697
66.	A. I. Ban, I. Fechet, Componentwise decomposition of some lattice-valued fuzzy integrals, <i>Information Sciences</i> , vol. 177 (2007), pp. 1430-1440	Jianzhang Wu, Fang Chen, Cuiping Nie, Qiang Zhang, Intuitionistic fuzzy-valued Choquet integral and its application in multicriteria decision making, <i>Information Sciences</i> , vol. 222 (2013), pp. 509-527	4.038
67.	A. Ban, A. Brândaș, L. Coroianu, C. Negruțiu, O. Nica, Approximations of fuzzy numbers by trapezoidal fuzzy numbers preserving the ambiguity and value, <i>Computers and Mathematics with Applications</i> , vol. 61 (2011), pp. 1379-1401	E. Vercher, A possibilistic mean-downside risk-skewness model for efficient portfolio selection, <i>IEEE Transactions on Fuzzy Systems</i> , vol. 99 (2013), pp. 585-595	8.746
68.	A. I. Ban, Approximation of fuzzy numbers by trapezoidal fuzzy numbers preserving the expected interval, <i>Fuzzy Sets and Systems</i> , vol. 159 (2008), pp. 1327-1344	P. Grzegorzewski, Fuzzy number approximation via shadowed sets, <i>Information Sciences</i> , vol. 225 (2012), pp. 35-46	4.038
69.	A. I. Ban, O. I. Ban, Optimization and extensions of a fuzzy multicriteria decision making method and applications to selection of touristic destinations, <i>Expert Systems with Applications</i> , vol. 39 (2012), pp. 7216-7225	Veronique Delcroix, Karima Sedki, Francois-Xavier Lepoutre, A Bayesian network for recurrent multi-criteria and multi-attribute decision problems:choosing a manual wheelchair, <i>Expert Systems with Applications</i> , vol. 40 (2013), pp. 2541-2551	2.240
70.	A. I. Ban, Nearest interval approximation of an intuitionistic fuzzy number, <i>Computational Intelligence, Theory and Applications (Bernd Reusch, Ed.)</i> , Springer-	Claudilene G. da Costa, Benjamin Bedregal, Adrio D. Doria Neto, Atanassov's intuitionistic fuzzy probability and Markov chains, <i>Knowledge-Based Systems</i> , vol. 43	2.947

	Verlag, Berlin, Heidelberg, (2006), pp. 229-240	(2013), pp. 52-62	
71.	A. I. Ban, Approximations of fuzzy numbers by trapezoidal fuzzy numbers preserving the expected interval, Fuzzy Sets and Systems, vol. 159 (2008), pp. 1327-1344	J. Moreno-Garcia, L. Jimenez Linares, L. Rodriguez-Benitez, E. del Castillo, Fuzzy numbers from raw discrete data using linear regression, Information Sciences, vol. 233 (2013), pp. 1-14	4.038
72.	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, vol. 61 (2011), pp. 1379-1401	J. Moreno-Garcia, L. Jimenez Linares, L. Rodriguez-Benitez, E. del Castillo, Fuzzy numbers from raw discrete data using linear regression, Information Sciences, vol. 233 (2013), pp. 1-14	4.038
73.	A. I. Ban, Intuitionistic Fuzzy Measures: Theory and Applications, Nova Science Publishers, New York, 2006	Dong Qiu, Wei Zhang, Cheng Li, On decomposable measures constructed by using stationary fuzzy pseudo-ultrametrics, International Journal of General Systems, vol. 222 (2013), pp. 33-44	1.637
74.	A. I. Ban, S.G. Gal, Decomposable measures and information measures for intuitionistic fuzzy sets, Fuzzy Sets and Systems, vol. 123 (2001), pp. 103-117	Dong Qiu, Wei Zhang, Cheng Li, On decomposable measures constructed by using stationary fuzzy pseudo-ultrametrics, International Journal of General Systems, vol. 222 (2013), pp. 33-44	1.637
75.	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	Jian-qiang Wang, Rong-rong Nie, Hong-yu Zhang, Xiao-hong Chen, Intuitionistic fuzzy multi-criteria decision-making method based on evidential reasoning, Applied Soft Computing, vol. 13 (2013), pp. 1823-1831	2.810
76.	A. I. Ban, On the nearest parametric approximation of a fuzzy number - revisited, Fuzzy Sets and Systems, vol. 160 (2009), pp. 3027-3047	L. Coroianu, M. Gagolewski, Przemyslaw Grzegorzewski, Nearest piecewise linear approximation of fuzzy numbers, Fuzzy Sets and Systems, vol. 233 (2013), pp. 26-51	1.986
77.	A. I. Ban, Trapezoidal and triangular approximations of fuzzy numbers-inadvertences and corrections, Fuzzy Sets and Systems, vol. 160 (2009), pp. 3048-3058	L. Coroianu, M. Gagolewski, Przemyslaw Grzegorzewski, Nearest piecewise linear approximation of fuzzy numbers, Fuzzy Sets and Systems, vol. 233 (2013), pp. 26-51	1.986
78.	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	L. Coroianu, M. Gagolewski, Przemyslaw Grzegorzewski, Nearest piecewise linear approximation of fuzzy numbers, Fuzzy Sets and Systems, vol. 233 (2013), pp. 26-51	1.986
79.	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	L. Coroianu, M. Gagolewski, Przemyslaw Grzegorzewski, Nearest piecewise linear approximation of fuzzy numbers, Fuzzy Sets and Systems, vol. 233 (2013), pp. 26-51	1.986
80.	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	L. Coroianu, M. Gagolewski, Przemyslaw Grzegorzewski, Nearest piecewise linear approximation of fuzzy numbers, Fuzzy Sets and Systems, vol. 233 (2013), pp. 26-51	1.986

81.	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	L. Coroianu, M. Gagolewski, Przemyslaw Grzegorzewski, Nearest piecewise linear approximation of fuzzy numbers, Fuzzy Sets and Systems, vol. 233 (2013), pp. 26-51	1.986
82.	A. I. Ban, L. Coroianu, Metric properties of the nearest extended parametric fuzzy number and applications, International Journal of Approximate Reasoning, vol. 52 (2011), pp. 488-500	L. Coroianu, M. Gagolewski, Przemyslaw Grzegorzewski, Nearest piecewise linear approximation of fuzzy numbers, Fuzzy Sets and Systems, vol. 233 (2013), pp. 26-51	1.986
83.	A. I. Ban, L. Coroianu, Trapezoidal approximation and aggregation, Fuzzy Sets and Systems, vol. 177 (2011), pp. 45-59	L. Coroianu, M. Gagolewski, Przemyslaw Grzegorzewski, Nearest piecewise linear approximation of fuzzy numbers, Fuzzy Sets and Systems, vol. 233 (2013), pp. 26-51	1.986
84.	A. I. Ban, On the nearest parametric approximation of a fuzzy number - revisited, Fuzzy Sets and Systems, vol. 160 (2009), pp. 3027-3047	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	1.986
85.	A. I. Ban, Trapezoidal and triangular approximations of fuzzy numbers-inadvertences and corrections, Fuzzy Sets and Systems, vol. 160 (2009), pp. 3048-3058	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	1.986
86.	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	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	1.986
87.	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	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	1.986
88.	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	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	1.986
89.	A. I. Ban, L. Coroianu, Metric properties of the nearest extended parametric fuzzy number and applications, International Journal of Approximate Reasoning, vol. 52 (2011), pp. 488-500	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	1.986
90.	A. I. Ban, Trapezoidal and triangular approximations of fuzzy numbers-inadvertences and corrections, Fuzzy Sets and Systems, vol. 160 (2009), pp. 3048-3058	S. Abbasbandy, S. Salahshour, New results on the existing fuzzy distance measures, Iranian Journal of Fuzzy Systems, vol. 10 (2013), pp. 115-124	0.534
91.	A. I. Ban, On the nearest parametric approximation of a fuzzy number - revisited, Fuzzy Sets and Systems, vol. 160 (2009), pp. 3027-3047	S. Abbasbandy, S. Salahshour, New results on the existing fuzzy distance measures, Iranian Journal of Fuzzy Systems, vol. 10 (2013), pp. 115-124	0.534
92.	A. I. Ban, B. Bede, Properties of the cross product of fuzzy numbers, Journal of Fuzzy Mathematics, vol. 14 (2006), pp. 513-531	P. Darabi, S. Moloudzadeh, H. Khandani, A numerical method for solving first-order fully fuzzy differential equation under strongly	1.271

		generalized H-differentiability, Soft Computing, in press	
93.	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	Matteo Brunelli, Jozsef Mezei, How different are ranking methods for fuzzy numbers? A numerical study, International Journal of Approximate Reasoning, vol. 54 (2013), pp. 627-639	2.451
94.	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	Zhongliang Yue, TOPSIS-based group decision-making methodology in intuitionistic fuzzy setting, Information Sciences, vol. 277 (2014), pp. 141-153	4.038
95.	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	Jinshan Ma, Changsheng Ji, Generalized Grey Target Decision Method for Mixed Attributes Based on Connection Number, Journal of Applied Mathematics, vol. 2014, article ID 763543	0.720
96.	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	Chengdong Li, Guiqing Zhang, Ming Wang, Jianqiang Yi, Data-driven modeling and optimization of thermal comfort and energy consumption using type-2 fuzzy method, Soft Computing, vol. 17 (2013), pp. 2075-2088	1.271
97.	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	Beatriz Sinova, Maria Angeles Gil, Maria Teresa Lopez, Stefan Van Aelst, A parameterized L2 metric between fuzzy numbers and its parameter interpretation, Fuzzy Sets and Systems, vol. 245 (2014), pp. 101-115	1.986
98.	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	Chi-Tsuen Yeh, Han-Min Chu, Approximations by LR-type fuzzy numbers, Fuzzy Sets and Systems, vol. 257 (2014), pp. 23-40	1.986
99.	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	Chi-Tsuen Yeh, Han-Min Chu, Approximations by LR-type fuzzy numbers, Fuzzy Sets and Systems, vol. 257 (2014), pp. 23-40	1.986
100.	A. I. Ban, Trapezoidal and triangular approximations of fuzzy numbers-inadvertences and corrections, Fuzzy Sets and Systems, vol. 160 (2009), pp. 3048-3058	Chi-Tsuen Yeh, Han-Min Chu, Approximations by LR-type fuzzy numbers, Fuzzy Sets and Systems, vol. 257 (2014), pp. 23-40	1.986
101.	A. I. Ban, On the nearest parametric approximation of a fuzzy number - revisited, Fuzzy Sets and Systems, vol. 160 (2009), pp. 3027-3047	Chi-Tsuen Yeh, Han-Min Chu, Approximations by LR-type fuzzy numbers, Fuzzy Sets and Systems, vol. 257 (2014), pp. 23-40	1.986
102.	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	Chi-Tsuen Yeh, Han-Min Chu, Approximations by LR-type fuzzy numbers, Fuzzy Sets and Systems, vol. 257 (2014), pp. 23-40	1.986
103.	A. I. Ban, L. Coroianu, Translation invariance and scale invariance of	Chi-Tsuen Yeh, Han-Min Chu, Approximations by LR-type fuzzy numbers,	1.986

	approximations of fuzzy numbers, in: Proceedings of the 7th Conference of the European Society for Fuzzy Logic and Technology (EUSFLAT 2011), pp. 742-748	Fuzzy Sets and Systems, vol. 257 (2014), pp. 23-40	
104.	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	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	4.038
105.	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	B. Farhadinia, Sensitivity analysis in interval-valued trapezoidal fuzzy number linear programming problems, Applied Mathematical Modelling, vol. 38 (2014), pp. 50-62	2.251
106.	A.I. Ban, L. Coroianu, P. Grzegorzewski, Trapezoidal approximation and aggregation, Fuzzy Sets and Systems, vol. 177 (2011), pp. 45-59	S. de la Rosa de Saa, M.A. Gil, G. Gonzalez-Rodriguez, M.T. Lopez, Fuzzy rating scale-based questionnaires and their statistical analysis, IEEE Transactions on Fuzzy Systems, vol. 23 (2015), pp. 111-126	8.746
107.	A. I. Ban, Nearest interval approximation of an intuitionistic fuzzy number, Computational Intelligence, Theory and Applications (Bernd Reusch, Ed.), Springer-Verlag, Berlin, Heidelberg, (2006), pp. 229-240	Parvathi Rangasamy, Muhammad Akram, S. Thilagavathia, Intuitionistic fuzzy shortest hyperpath in a network, Information Processing Letters, vol. 113, (2013), pp. 599-603	0.546
108.	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	Przemyslaw Grzegorzewski, Karolina Pasternak-Winiarska, Natural trapezoidal approximations of fuzzy numbers, Fuzzy Sets and Systems, vol. 250 (2014), pp. 90-109	1.986
109.	A. I. Ban, On the nearest parametric approximation of a fuzzy number - revisited, Fuzzy Sets and Systems, vol. 160 (2009), pp. 3027-3047	Przemyslaw Grzegorzewski, Karolina Pasternak-Winiarska, Natural trapezoidal approximations of fuzzy numbers, Fuzzy Sets and Systems, vol. 250 (2014), pp. 90-109	1.986
110.	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	Przemyslaw Grzegorzewski, Karolina Pasternak-Winiarska, Natural trapezoidal approximations of fuzzy numbers, Fuzzy Sets and Systems, vol. 250 (2014), pp. 90-109	1.986
111.	A. I. Ban, L. Coroianu, Continuity and linearity of the trapezoidal approximation preserving the expected interval operator, in: International Fuzzy Systems Association World Congress, 20-24 July 2009, pp. 798-802	Przemyslaw Grzegorzewski, Karolina Pasternak-Winiarska, Natural trapezoidal approximations of fuzzy numbers, Fuzzy Sets and Systems, vol. 250 (2014), pp. 90-109	1.986
112.	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-	Przemyslaw Grzegorzewski, Karolina Pasternak-Winiarska, Natural trapezoidal approximations of fuzzy numbers, Fuzzy Sets and Systems, vol. 250 (2014), pp. 90-109	1.986

	3110		
113.	A. I. Ban, L. Coroianu, Metric properties of the nearest extended parametric fuzzy number and applications, <i>International Journal of Approximate Reasoning</i> , vol. 52 (2011), pp. 488-500	Przemyslaw Grzegorzewski, Karolina Pasternak-Winiarska, Natural trapezoidal approximations of fuzzy numbers, <i>Fuzzy Sets and Systems</i> , vol. 250 (2014), pp. 90-109	1.986
114.	A.I. Ban, L. Coroianu, Translation invariance and scale invariance of approximations of fuzzy numbers, in: <i>Proceedings of the 7th Conference of the European Society for Fuzzy Logic and Technology (EUSFLAT 2011)</i> , pp. 742-748	Przemyslaw Grzegorzewski, Karolina Pasternak-Winiarska, Natural trapezoidal approximations of fuzzy numbers, <i>Fuzzy Sets and Systems</i> , vol. 250 (2014), pp. 90-109	1.986
115.	A.I. Ban, L. Coroianu, P. Grzegorzewski, Trapezoidal approximation and aggregation, <i>Fuzzy Sets and Systems</i> , vol. 177 (2011), pp. 45-59	Przemyslaw Grzegorzewski, Karolina Pasternak-Winiarska, Natural trapezoidal approximations of fuzzy numbers, <i>Fuzzy Sets and Systems</i> , vol. 250 (2014), pp. 90-109	1.986
116.	A. I. Ban, S. G. Gal, <i>Defects of properties in mathematics. Quantitative characterizations</i> , World Scientific, New Jersey, 2002	Libor Behounek, Ulrich Bodenhofer, Petr Cintula, Susanne Saminger-Platz, Peter Sarkoci, Graded dominance and related graded properties of fuzzy connectives, <i>Fuzzy Sets and Systems</i> , vol. 262 (2015), pp. 78-101	1.986
117.	A. I. Ban, L. Coroianu, Discontinuity of the trapezoidal fuzzy number-valued operators preserving core, <i>Computers and Mathematics with Applications</i> , vol. 62 (2011), pp. 3103-3110	Zengtai Gong, Shexiang Hai, The Interval-Valued Trapezoidal Approximation of Interval-Valued Fuzzy Numbers and Its Application in Fuzzy Risk Analysis, <i>Journal of Applied Mathematics</i> , volume 2014 (2014), Article ID 254853, 22 pages	0.720
118.	A. I. Ban, L. Coroianu, Discontinuity of the trapezoidal fuzzy number-valued operators preserving core, <i>Computers and Mathematics with Applications</i> , vol. 62 (2011), pp. 3103-3110	Yong Wanga, Xiaolei Mab, Yunteng Laob, Yin Hai Wang, A fuzzy-based customer clustering approach with hierarchical structure for logistics network optimization, <i>Expert Systems with Applications</i> , vol. 41 (2014), pp. 521--534	2.240
119.	A. I. Ban, Approximation of fuzzy numbers by trapezoidal fuzzy numbers preserving the expected interval, <i>Fuzzy Sets and Systems</i> , vol. 159 (2008), pp. 1327-1344	Scheerlinck, K., Vernieuwe, H., Verhoest, N.E.C., Baets, B.D., Practical computing with interactive fuzzy variables, <i>Applied Soft Computing</i> , vol. 22 (2014), pp. 518-527	2.810
120.	A. I. Ban, Approximation of fuzzy numbers by trapezoidal fuzzy numbers preserving the expected interval, <i>Fuzzy Sets and Systems</i> , vol. 159 (2008), pp. 1327-1344	Luca Auzili, Gisella Facchinetti, Giovanni Mastroleo, A parametric approach to evaluate fuzzy quantities, <i>Fuzzy Sets and Systems</i> , vol. 250 (2014), pp. 110-133	1.986
121.	A. I. Ban, Janusz Kacprzyk, Krassimir Atanassov, On de-I-fuzzification of intuitionistic fuzzy sets, <i>Comptes Rendus de l'Academie Bulgare des Sciences</i> , Tome 61, No. 12 (2008), 1535-1540	K. Atanassov, Intuitionistic fuzzy logic as tools for evaluation of Data Mining processes, <i>Knowledge-Based Systems</i> , vol. 80 (2015), pp. 122-130	2.947
122.	A. I. Ban, <i>Intuitionistic Fuzzy Measures: Theory and Applications</i> , Nova Science Publishers, New York, 2006.	G. Deng, Y. Jiang, J. Fu, Monotonic similarity measures between intuitionistic fuzzy sets and their relationship with entropy and inclusion measure, <i>Information Sciences</i> , vol. 316 (2015), pp. 348-369	4.038
123.	A. I. Ban, L. Coroianu, Simplifying the search for effective ranking of fuzzy	Yiying Shi, Xuehai Yuan, A possibility-based method for ranking fuzzy numbers and	1.812

	numbers. IEEE Transactions on Fuzzy Systems, vol. 23 (2015), pp. 327-339	applications to decision making, Journal of Intelligent and Fuzzy Systems, vol. 29 (2015), pp. 337-349	
124.	A. I. Ban, I. Fechete, Componentwise decomposition of some lattice-valued fuzzy integrals, Information Sciences, vol. 177 (2007), pp. 1430-1440	X. Zhang, Y. Zheng, Linguistic quantifiers modeled by interval-valued intuitionistic Sugeno integrals, Journal of Intelligent and Fuzzy Systems, vol. 29 (2015), pp. 583-592	1.812
125.	A. I. Ban, I. Fechete, Componentwise decomposition of some lattice-valued fuzzy integrals, Information Sciences, vol. 177 (2007), pp. 1430-1440	X. Zhang, Y. Zheng, Linguistic quantifiers modeled by interval-valued intuitionistic Sugeno integrals, Journal of Intelligent and Fuzzy Systems, vol. 29 (2015), pp. 583-592	1.812
126.	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	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	0.746
127.	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	J.S. Ma, C.S. Ji, J. Sun, Fuzzy similar priority ethod for mixed attributes, Journal of Applied Mathematics, article no. 304202	1.812
128.	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	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	0.746
129.	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	G.X. Wang, J. Li, F. Yuan, Special fuzzy ellipsoid numbers and expressions of information, Journal of Intelligent & Fuzzy Systems, vol. 29 (2015), pp. 159-169	1.812
130.	A. I. Ban, L. Coroianu, Metric properties of the nearest extended parametric fuzzy number and applications, International Journal of Approximate Reasoning, vol. 52 (2011), pp. 488-500	A.M. Bica, The middle-parametric representation of fuzzy numbers and applications to fuzzy interpolation, International Journal of Approximate Reasoning, vol. 68 (2014), pp. 27-44	2.451
131.	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	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), pp. 231-247	0.549
132.	A.I. Ban, L. Coroianu, P. Grzegorzewski, Trapezoidal approximation and aggregation, Fuzzy Sets and Systems, vol. 177 (2011), pp. 45-59	Eric Mwaikambo, 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, vol. 60 (2015), pp.137-151	0.588
133.	A.I. Ban, L. Coroianu, P. Grzegorzewski, Trapezoidal approximation and aggregation,	M.J. Ebadi, M. Suleiman, Fudziah Bt. Ismail, A. Ahmadian, M.R. Balooch Shahryari, S.	0.762

	Fuzzy Sets and Systems, vol. 177 (2011), pp. 45-59	Salahshour, A new distance measure for trapezoidal fuzzy numbers, Mathematical Problems in Engineering, vol. 2013, article ID 424186, 4 pp.	
134.	A.I. Ban, L. Coroianu, P. Grzegorzewski, Trapezoidal approximation and aggregation, Fuzzy Sets and Systems, vol. 177 (2011), pp. 45-59	G.X. Wang, P. Shi, Y.Y. Xie, Y. Shi, Two-dimensional discrete fuzzy numbers and applications, Information Sciences, vol. 326 (2016), pp. 258-269	4.038
135.	A.I. Ban, L. Coroianu, P. Grzegorzewski, Trapezoidal approximation and aggregation, Fuzzy Sets and Systems, vol. 177 (2011), pp. 45-59	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, article no. 495829, (2015)	0.762
136.	A. I. Ban, Intuitionistic Fuzzy Measures: Theory and Applications, Nova Science Publishers, New York, 2006	Z. Xu, Relationships between two types of intuitionistic fuzzy definite integrals, IEEE Transactions on Fuzzy Systems, in press	8.746
137.	A. I. Ban, S. G. Gal, Defects of properties in mathematics. Quantitative characterizations, World Scientific, New Jersey, 2002	R. Andrew Weekley, Robert K. Goodrich, Larry B. Cornman, An algorithm for classification and outlier detection of time-series data, Journal of Atmospheric and Oceanic Technology, vol. 27 (2010), 94-107	1.725
138.	A. I. Ban, Intuitionistic Fuzzy Measures: Theory and Applications, Nova Science Publishers, New York, 2006	J.H. Park, H.J. Cho, Y.C. Kwun, Extensions of the VIKOR method to dynamic intuitionistic fuzzy multiple attribute decision making, Computers and Mathematics with Applications, vol. 65 (2013), pp. 731-744	1.697
139.	A. I. Ban, Intuitionistic Fuzzy Measures: Theory and Applications, Nova Science Publishers, New York, 2006	F. Wang, S. Zheng, C. Zhang, A method based on intuitionistic fuzzy dependent aggregation operators for supplier selection, Mathematical Problems in Engineering, vol. 2013 (2013), ID 481202, 9 pp.	0.762
140.	A. I. Ban, Intuitionistic Fuzzy Measures: Theory and Applications, Nova Science Publishers, New York, 2006	I. Beg, T. Rashid, Intuitionistic fuzzy similarity measure: Theory and Applications, Journal of Intelligent and Fuzzy Systems, vol. 30 (2016), pp. 1-9	1.812
141.	A. I. Ban, Intuitionistic Fuzzy Measures: Theory and Applications, Nova Science Publishers, New York, 2006	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	1.812
142.	A. I. Ban, A. Bica, Solving systems of equivalentions, Journal of Applied Mathematics and Computing, vol. 20 (2006), pp. 97-118	D. Fechet, I. Fechet, Quotient algebraic structures on the set of fuzzy numbers, Kybernetika, vol. 51 (2015), pp. 255-267	0.541
143.	A. I. Ban, B. Bede, Power series of fuzzy numbers with cross product and applications to fuzzy differential equations, Journal of Concrete and Applicable Mathematics, vol. 4 (2006), pp. 125-152	D. Fechet, I. Fechet, Quotient algebraic structures on the set of fuzzy numbers, Kybernetika, vol. 51 (2015), pp. 255-267	0.541
144.	A. I. Ban, A. Bica, Solving systems of equivalentions, Journal of Applied Mathematics and Computing, vol. 20 (2006), pp. 97-118.	D. Fechet, I. Fechet, Multivalued representation and new algebraic structures for fuzzy numbers, Carpathian Journal of Mathematics, vol. 30 (2014), pp. 161-173	0.792

145.	A. I. Ban, B. Bede, Properties of the cross product of fuzzy numbers, Journal of Fuzzy Mathematics, vol. 14 (2006), pp. 513-531.	D. Fechete, I. Fechete, Multivalued representation and new algebraic structures for fuzzy numbers, Carpathian Journal of Mathematics, vol. 30 (2014), pp. 161-173	0.792
146.	A. I. Ban, B. Bede, Properties of the cross product of fuzzy numbers, Journal of Fuzzy Mathematics, vol. 14 (2006), pp. 513-531.	S. Moloudzadeh, T. Allahviranloo, P. Darabi, A new method for solving an arbitrary fully fuzzy linear system, Soft Computing, vol. 17 (2013), pp. 1725-1731	1.271
147.	A.I. Ban, Approximation of fuzzy numbers by trapezoidal fuzzy numbers preserving the expected interval, Fuzzy Sets Syst. vol. 159 (2008), pp. 1327-1344	A. Roma, J. Lambert, A new point of view for fuzzy numbers and their defuzzification, International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, vol. 23 (2015), pp. 909--926	0.954
148.	A. I. Ban, Intuitionistic Fuzzy Measures: Theory and Applications, Nova Science Publishers, New York, 2006	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	1.812
149.	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	L. Coroianu, L. Stefanini, General approximation of fuzzy numbers by F-transform, Fuzzy Sets and Systems, vol. 288 (2016), pp. 46-74	1.986
150.	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	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	0.574

Număr total citări: C=150

10.04.2016

Prof. univ. dr. Ioan Ban