

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

Prof. univ. dr. IOAN BAN

LISTA ARTICOLELOR (I=29.856; I_{recent}=16.636)

Nr. crt. publ.	Articol, referința bibliografică	Publicat în ultimii 7 ani [2010-2016]	f _i	n _i	f _i /n _i
1.	A. Ban, S.G. Gal, Measures of noncompactness for fuzzy sets in fuzzy topological spaces, Fuzzy Sets and Systems, 109 (2000), 205-216.	NU	1.986	2	0.993
2.	A. Ban, S.G. Gal, Decomposable measures and information measures for intuitionistic fuzzy sets, Fuzzy Sets and Systems, 123 (2001), 103-117.	NU	1.986	2	0.993
3.	A. Ban, Ergodicity of MV-dynamical systems, Soft Computing, 5 (2001), 327-333.	NU	1.271	1	1.271
4.	A. Ban, S.G. Gal, On the defect of additivity of fuzzy measures, Fuzzy Sets and Systems, 127 (2002), 351-362.	NU	1.986	2	0.993
5.	A. Ban, S.G. Gal, On the defect of complementarity of fuzzy measures, Fuzzy Sets and Systems, 131 (2002), 365-380.	NU	1.986	2	0.993
6.	A. Ban, I. Fechet, Componentwise decomposition of some lattice-valued fuzzy integrals, Information Sciences, 177 (2007), 1430-1440.	NU	4.038	2	2.019
7.	A. Ban, Approximation of fuzzy numbers by trapezoidal fuzzy numbers preserving the expected interval, Fuzzy Sets and Systems, 159 (2008), 1327-1344.	NU	1.986	1	1.986
8.	A. Ban, On the nearest parametric approximations of a fuzzy number-revisited, Fuzzy Sets and Systems, 160 (2009), 3027-3047.	NU	1.986	1	1.986
9.	A. Ban, Triangular and parametric approximations of fuzzy numbers-inadvertences and corrections, Fuzzy Sets and Systems, 160 (2009), 3048-3058.	NU	1.986	1	1.986
10.	A. Ban, Remarks and corrections to the triangular approximations of fuzzy numbers using α -weighted valuations, Soft Computing, 15 (2011), 351-361.	DA	1.271	1	1.271

11.	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> , 61 (2011), 1379-1401.	DA	1.697	5	0.366
12.	A. Ban, L. Coroianu, P. Grzegorzewski, Trapezoidal approximation and aggregation, <i>Fuzzy Sets and Systems</i> , 177 (2011), 45-59.	DA	1.986	3	0.662
13.	A. Ban, L. Coroianu, Metric properties of the nearest extended parametric fuzzy number and application, <i>International Journal of Approximate Reasoning</i> , 52 (2011), 488-500.	DA	2.451	2	1.225
14.	A. Ban, L. Coroianu, Discontinuity of the trapezoidal fuzzy number-valued operators preserving core, <i>Computers and Mathematics with Applications</i> , 62 (2011), 3103-3110.	DA	1.697	2	0.848
15.	A. Ban, O. Ban, Optimization and extensions of a fuzzy multicriteria decision making method and applications to selection of touristic destinations, <i>Expert Systems with Applications</i> , 39 (2012), 7216-7225.	DA	2.240	2	1.120
16.	A. Ban, L. Coroianu, Nearest interval, triangular and trapezoidal approximation of a fuzzy number preserving ambiguity, <i>International Journal of Approximate Reasoning</i> , 53 (2012), 805-836.	DA	2.451	2	1.226
17.	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, <i>Mathematical and Computer Modelling</i> , 57 (2013), 812-825.	DA	1.412	2	0.706
18.	A.I. Ban, L. Coroianu, Simplifying the search for effective ranking of fuzzy numbers. <i>IEEE Transactions on Fuzzy Systems</i> , 23 (2015), 327-339.	DA	8.746	2	4.373
19.	A.I. Ban, L. Coroianu, Existence, uniqueness and continuity of trapezoidal approximations of fuzzy numbers under a general condition, <i>Fuzzy Sets and Systems</i> , 257 (2014), 3-22.	DA	1.986	2	0.993
20.	A.I. Ban, L. Coroianu, Existence, uniqueness, calculus and properties of triangular approximations of fuzzy numbers under a general condition, <i>International Journal of Approximate Reasoning</i> , 62 (2015), 1-26.	DA	2.451	2	1.225
21.	A. Ban, O. Ban, D. Tușe, Calculation of the fuzzy importance of attributes based on the correlation coefficient, applied to the quality of hotel services, <i>Journal of Intelligent and Fuzzy Systems</i> , 30 (2016)	DA	1.812	3	0.604

	583-596.				
22.	Adrian I. Ban, Lucian Coroianu, Alireza Khastan, Conditioned weighted L--R approximations of fuzzy numbers, Fuzzy Sets and Systems 283 (2016) 56--82.	DA	1.986	3	0.656
23.	O. Ban, A. Ban, D. Tușe, Importance-Performance Analysis by Fuzzy C-Means Algorithm, Expert Systems with Applications, 50 (2016) 9-16.	DA	2.240	3	0.747
24.	A.I. Ban, L. Coroianu, Symmetric triangular approximations of fuzzy numbers under a general condition and properties, Soft Computing, 20 (2016) 1249-1261.	DA	1.271	2	0.635
TOTAL			I=29.856		
			I_{recent}=16.636		

10.04.2016

Prof. univ. dr. Ioan Ban