

Fișa Standardelor Minimale (FI)

Articole

Nr. Crt.	Articol, referința bibliografică	Publicat în ultimii 7 ani	si	ni	si/ni
1.	<i>Non-atomicity for fuzzy and non-fuzzy multivalued set functions</i> , Fuzzy Sets and Systems, 160 (2009), 2106-2116.	X	1,880	2	0,940
2.	<i>Pseudo-atoms and Darboux property for set multifunctions</i> (jointly with A. Croitoru), Fuzzy Sets and Systems, 161 (2010), 2897–2908.	X	1,880	2	0,940
3.	<i>A Fuzzy Gould Type Integral</i> (jointly with A. Precupanu and A. Croitoru), Fuzzy Sets and Systems, 161 (2010), 661-680.	X	1,880	3	0,627
4.	<i>Non-atomicity and the Darboux property for fuzzy and non-fuzzy Borel/Baire multivalued set functions</i> , Fuzzy Sets and Systems, 160 (2009), 1308-1317.	X	1,880	1	1,880
5.	<i>Regularity and autocontinuity of set multifunctions</i> , Fuzzy Sets and Systems, 161 (2010), 681-693.	X	1,880	1	1,880
6.	<i>A Lusin type theorem for regular monotone uniformly autocontinuous set multifunctions</i> , Fuzzy Sets and Systems, 161 (2010), 2909–2918.	X	1,880	1	1,880
	<i>A set-valued Egoroff type theorem</i> (jointly with A. Precupanu), Fuzzy Sets and Systems, 175 (2011), 87-95.	X	1,880	2	0,940
7.	<i>Continuity properties and Alexandroff theorem in Vietoris topology</i> , Fuzzy Sets and Systems, 194 (2012), 76-89.	X	1,880	1	1,880
8.	<i>Set-valued Lusin type theorem for null-null-additive set multifunctions</i> (jointly with A. Precupanu), Fuzzy Sets and Systems, 204 (2012), 106-116.	X	1,880	2	0,940
9.	<i>On the regularities of fuzzy set multifunctions with applications in variation, extensions and fuzzy set-valued integrability problems</i> , Information Sciences, 224 (2013), 130-142.	X	3,893	1	3,893
10.	<i>Remarks on monotone interval-valued set multifunctions</i> , Information Sciences, 259 (2014), 225-230.	X	3,893	1	3,893
11.	<i>Comparison between Birkhoff integral and Gould integral</i> (jointly with A. Croitoru), Mediterranean Journal of Mathematics, DOI 10.1007/s00009-014-0410-5.	X	0,653	2	0,327
12.	<i>Informational Non-Differentiable Entropy and Uncertainty Relations in Complex Systems</i> (jointly with M. Agop, G. Crumpei and B. Doroftei), Entropy 2014, 16 (11), 6042-	X	1,564	4	0,391

	6058, DOI 10.3390/e16116042.				
13	<i>The Gould integral in Banach lattices</i> (jointly with A. E. Iosif and A. Croitoru), Positivity, 2015, DOI 10.1007/s11117-014-0283-7.	X	0,682	3	0,227
14.	<i>SL(2R) invariance of the Kepler type motions and Shannon informational entropy. Uncertainty relations through the constant value of the Onicescu informational energy</i> (jointly with M. Agop and Ş. Gavril), Reports on Mathematical Physics, No. 1, Vol. 75 (2015), 101-112.	X	1,042	3	0,347
15.	<i>Set-norm exhaustive set multifunctions</i> (jointly with A. Croitoru), Iranian Journal of Fuzzy Systems, Vol. 10, No.1 (2013), 123-134.	X	1,060	2	0,530
16.	<i>Implications of Onicescus informational energy in some fundamental physical models</i> (jointly with M. Agop and E. Rezus), International Journal of Modern Physics B, Vol. 29 (2015), 1550045 (19 pages), DOI 10.1142/S0217979215500459.	X	0,455	3	0,152
17.	<i>Fuzzy Gould integrability on atoms</i> , Iranian Journal of Fuzzy Systems, Vol. 8, No.3 (2011), 113-124.	X	1,060	1	1,060
18.	<i>Approximation theorems for fuzzy set multifunctions in Vietoris topology. Physical implications of regularity</i> (jointly with M. Agop), Iranian Journal of Fuzzy Systems, Vol. 12, Issue 1, 2015, 27-42.	X	1,060	2	0,530
19	<i>Implications of Non-Differentiable Entropy on a Space-Time Manifold</i> (jointly with M. Agop, B. Doroftei and Ş. Gavril), Entropy, 17 (2015), 2184-2197.	X	1,564	4	0,391
Total :		C = 23,64			
		C-recent = 23,64			

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A Gould type integral with respect to a multisubmeasure, *Mathematica Slovaca* 58 (2008), no 1, 1-20, MR 2372825, ZBL 1164.28012.

Citată în:

- 1- A.E. Petcu, *A generalized Gould type integral with respect to a submeasure I*, *An.Șt. Univ. Iași Mat.*, LV, f.1, 59-74 (**FI 0,108**)
- 2- A.E. Petcu, PhD Thesis, 2009.
- 3- A.E. Petcu, *A generalized Gould type integral with respect to a submeasure II*, *An.Șt. Univ. Iași Mat.*, LV, 2009, f.1, 75-86. (**FI 0,108**)
- 4- A. Croitoru, *Fuzzy integrability of multifunctions*, *Proceedings of the 4th Wseas International Conference on Computational Intelligence*, București, 2010, 80-84 (ISI proceedings).
- 5- A. Croitoru, *Integrale în raport cu multimăsurii*, Ed. Performantica, Iași, 2010.
- 6- F.N. Sofian-Boca, *Another Gould type integral with respect to a multisubmeasure*, *An.Șt. Univ. Iași Mat.*, LVII, 2011, 13-30 (**FI 0,108**).
- 7- A. Croitoru, *On a non-linear integral of multifunctions with respect to a fuzzy measure*, *Recent Researches in Computational Techniques, Non-Linear Systems and Control (Proceedings of the 10-th WSEAS International Conference on Non-Linear Analysis, Non-Linear Systems and Chaos, NOLASC 11)*, 79-84.
- 8- W. Liu, X. Songa, Q. Zhang, S. Zhang, *(T) fuzzy integral of multi-dimensional function with respect to multi-valued measure*, *Iranian Journal of Fuzzy Systems*, Vol. 9, No. 3 (2012), 111-126 (**FI 1,060**).
- 9- A. Croitoru, *Fuzzy integral of measurable multifunctions*, *Iranian Journal of Fuzzy Systems*, Vol. 9, No. 4 (2012), 133-140 (**FI 1,060**).
- 10- W. Liu, X. Song, J. Liu, Q. Zhang, *A new kind of triangular integrals based on t-norms and t-conorms*, *Fuzzy Information and Engineering*, Vol. 4, No 1 (2012), 13-27.

Properties of regularity with respect to the Vietoris topology, *An. St. Univ. Iasi*, LIV, f.2, 2008, 347-360, MR 2462156, ZBL 1174.28016.

Citată în:

- 11- A. Croitoru, G. Apreutesei, N. Mastorakis, *Set-norm variation of set multifunctions*, *Recent Researches in Applied Mathematics and Economics*, 15-19.

Non-atomicity and the Darboux property for fuzzy and non-fuzzy Borel/Baire multivalued set functions, *Fuzzy Sets and Systems*, 160 (2009), 1308-1317, MR 2514516, ZBL 1182.28020.

Citată în:

- 12- J. Wu, H. Liu, *Autocontinuity of Set-valued Fuzzy Measures and its Applications*, *Fuzzy Sets and Systems*, Vol. 175, Issue 1, 2011, 57-64 (**FI 1,880**).
- 13- A. Croitoru, *Fuzzy integrability of multifunctions*, *Proceedings of the 4th Wseas International Conference on Computational Intelligence*, București, 2010, 80-84 (ISI proceedings)
- 14- A. Croitoru, *Set-norm continuity of set multifunctions*, *Romai Journal* 6, 1 (2010), 47-56.
- 15- P. Cavaliere, F. Ventriglia, *On nonatomicity for non-additive functions*, *J. Math. Anal. Appl.* 415 (2014) : 372 (**FI 1,119**).

Non-atomicity for fuzzy and non-fuzzy multivalued set functions (jointly with A. Croitoru), *Fuzzy Sets and Systems*, 160 (2009), 2106-2116, MR 2555024, ZBL 1182.28021.

Citată în:

- 16- A. Croitoru, *Fuzzy integrability of multifunctions*, *Proceedings of the 4th Wseas International*

Conference on Computational Intelligence, București, 2010, 80-84 (ISI proceedings)

17- T.D. Pham, *Fuzzy posterior-probabilistic fusion*, Pattern Recognition, Vol. 44, Issue 5, 2011, 1023-1030, (FI 2,584).

18- A. Croitoru, *On a non-linear integral of multifunctions with respect to a fuzzy measure*, Recent Researches in Computational Techniques, Non-Linear Systems and Control (Proceedings of the 10-th WSEAS International Conference on Non-Linear Analysis, Non-Linear Systems and Chaos, NOLASC 11), 79-84.

19- W. Liu, X. Songa, Q. Zhang, S. Zhang, *(T) fuzzy integral of multi-dimensional function with respect to multi-valued measure*, Iranian Journal of Fuzzy Systems , Vol. 9, No. 4 (2012), 133-140 (FI 1,060).

20- A. Croitoru, *Fuzzy integral of measurable multifunctions*, Iranian Journal of Fuzzy Systems, Vol. 9, No. 4 (2012), 133-140 (FI 1,060).

21- W. Liu, X. Song, J. Liu, Q. Zhang, *A new kind of triangular integrals based on t- norms and t-conorms*, Fuzzy Information and Engineering, Vol. 4, No. 1 (2012), 13-27.

22- Wan-li Liu, Xiao-qiu Song, Jin-bo, Liu, Qiu-zhao Zhang – *A new kind of triangular integrals based on T-norms and T-conorm*, Fuzzy Information and Engineering, March 2012, Vol. 4, Issue 1, 13-27.

The general Gould type integral with respect to a multisubmeasure, Mathematica Slovaca 60 (2010), no. 3, 289–318, MR 2646373, ZBL 1265.28033.

Citată în:

23- A.E. Iosif, *Convergence theorems of the Gould integral with respect to a submeasure*, An. Șt. Univ. Iași Mat., Tomul LVI, 2010, f.2, 319-330 (FI 0,108).

24- A. Croitoru, *Integrale în raport cu multimăsură*, Ed. Performantica, Iași, 2010.

25- A. Croitoru, *On a non-linear integral of multifunctions with respect to a fuzzy measure*, Recent Researches in Computational Techniques, Non-Linear Systems and Control (Proceedings of the 10-th WSEAS International Conference on Non-Linear Analysis, Non-Linear Systems and Chaos, NOLASC 11), 79-84.

26- A. Croitoru, *Fuzzy integral of measurable multifunctions*, Iranian Journal of Fuzzy Systems, Vol. 9, No. 4 (2012), 133-140 (FI 1,060).

Regularity and autocontinuity of set multifunctions, Fuzzy Sets and Systems, Vol. 161 (2010), 681-693, MR 2578625, ZBL 1183.28023.

Citată în:

27- J. Wu, H. Liu, *Autocontinuity of Set-valued Fuzzy Measures and its Applications*, Fuzzy Sets and Systems, Vol. 175, Issue 1, 2011, 57-64 (FI 1,880).

28- Y. Narukawa, V. Torra, *Choquet Integral on Locally Compact Space: A Survey*, Integrated Uncertainty Management and Applications Advances in Soft Computing, 2010, Vol. 68(2010), 71-81 (ISI paper).

29- A. Croitoru, *Set-norm continuity of set multifunctions*, Romai Journal 6, 1 (2010), 47-56.

A Fuzzy Gould Type Integral (jointly with A. Precupanu and A. Croitoru), Fuzzy Sets and Systems, 161 (2010), 661-680, MR 2578624, ZBL 1183.28036.

Citată în:

30- J. Wu, H. Liu, *Autocontinuity of Set-valued Fuzzy Measures and its Applications*, Fuzzy Sets and Systems, Vol. 175, Issue 1, 2011, 57-64 (FI 1,880).

31- A. Croitoru, *Fuzzy integrability of multifunctions*, Proceedings of the 4th Wseas International Conference on Computational Intelligence, București, 2010, 80-84 (ISI proceedings)

32- A. Croitoru, *On a non-linear integral of multifunctions with respect to a fuzzy measure*, Recent Researches in Computational Techniques, Non-Linear Systems and Control (Proceedings of the 10-th WSEAS International Conference on Non-Linear Analysis, Non-Linear Systems and Chaos, NOLASC 11), 79-84.

33- W. Liu, X. Songa, Q. Zhang, S. Zhang, *(T) fuzzy integral of multi-dimensional function with respect to multi-valued measure*, Iranian Journal of Fuzzy Systems, Vol. 9, No. 4 (2012), 133-140 (FI 1,060).

34- A. Croitoru, G. Apreutesei, N. Mastorakis, *Set-norm variation of set multifunctions*, Recent Researches in Applied Mathematics and Economics, 15-19.

35- A. Croitoru, *Fuzzy integral of measurable multifunctions*, Iranian Journal of Fuzzy Systems, Vol. 9, No. 4 (2012), 133-140 (FI 1,060).

36- W. Liu, X. Song, J. Liu, Q. Zhang, *A new kind of triangular integrals based on t -norms and t -conorms*, Fuzzy Information and Engineering, Vol. 4, No 1, 13-27.

Pseudo-atoms and Darboux property for set multifunctions (jointly with A. Croitoru), Fuzzy Sets and Systems, 161 (2010), 2897–2908, MR2725994, ZBL 1210.28019.

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37- A. Croitoru, G. Apreutesei, N. Mastorakis, *Set-norm variation of set multifunctions*, Recent Researches in Applied Mathematics and Economics, 15-19.

38- Y. Ouyang, J. Li, R. Mesiar, *Relationship between the concave integrals and the pan-integrals on finite spaces*, J. Math. Anal. Appl. 424 (2015), 975–987 (FI 1,119).

On different types of non-additive set multifunctions (jointly with A. Croitoru, N.E. Mastorakis, G. Gavrilut), WSEAS Transactions on Mathematics 8 (6) (2009), 246-257.

Citată în:

39- Wu, J., Liu, H. – *Autocontinuity of set-valued fuzzy measures and applications*, Fuzzy Sets and Systems 175 (1) (2011), 57-64. (FI 1,880)

40- Schmelzer, B. – *Set-valued assessments of solutions to stochastic differential equations with random set parameters*, J. Math. Anal. Appl. Vol. 400, Issue 2 (2013), 425–438 (FI 1,119)

41- A. Croitoru, *Fuzzy integrability of multifunctions*, Proceedings of the 4th WSEAS International Conference on Computational Intelligence, Bucuresti, 2010, 80-84 (ISI proceedings).

42- A. Croitoru, *On a non-linear integral of multifunctions with respect to a fuzzy measure*, Recent Researches in Computational Techniques, Non-Linear Systems and Control (Proceedings of the 10-th WSEAS International Conference on Non-Linear Analysis, Non-Linear Systems and Chaos, NOLASC 11), 79-84.

43- A. Croitoru, G. Apreutesei, N. Mastorakis, *Set-norm variation of set multifunctions*, Recent Researches in Applied Mathematics and Economics, 15-19.

44- A. Croitoru, *Fuzzy integral of measurable multifunctions*, Iranian Journal of Fuzzy Systems, Vol. 9, No. 4 (2012), 133-140 (FI 1,060).

On the translation of an almost linear topology (jointly with G. Apreutesei, N.E. Mastorakis, A. Croitoru), WSEAS Trans. on Math. 8 (2009), 479-488.

Citată în:

45- Apreutesei G. - *Cauchy nets and convergent nets on semilinear topological spaces*, Topology and its Applications 159 (2012), 2922-2931. (FI 0,587)

46- A. Croitoru, *Fuzzy integrability of multifunctions*, Proceedings of the 4th Wseas International Conference on Computational Intelligence, București, 2010, 80-84 (ISI proceedings)

<p>47- T.M. Naidu, D. Bharathi, <i>Reflexivity and completeness of normed almost linear space</i>, International Journal of Mathematics and Computer Research, Vol. 2, Issue 10, 2014, 603-711.</p>
<p>On Darboux property of fuzzy multimeasures (jointly with A. Croitoru, G. Apreutesei and N. Mastorakis), Proceedings of the 10th WSEAS Int. Conf. on Fuzzy Systems (FS 09), Prague, Czech Republic, March 23-25, 2009, 54-58.</p> <p>Citată în:</p> <p>48- D. Nicolae, M. Jaradat, M. Andreica, M. Birzu, M. Andreica, <i>The subtle sets theory (SST) to the modeling socio-economic space</i>, Recent Advances in Applied Mathematics, 623-628.</p> <p>49- G. Apreutesei, <i>Cauchy conditions in semilinear topological space</i>, Recent Researches in Computational Techniques, Non-Linear Systems and Control, 148-153.</p>
<p>Regularity and o-continuity for multisubmeasures, An. St. Univ. Iasi, L, s. I a, 2004, f. 2, 393-406.</p> <p>Citată în:</p> <p>50- A. Croitoru, G. Apreutesei, N. Mastorakis, <i>Set-norm variation of set multifunctions</i>, Recent Researches in Applied Mathematics and Economics, 15-19.</p>
<p>A Gould type integral with respect to a submeasure (jointly with A. Petcu), An. St. Univ. Iasi, LIII, 2007, f. 2, 351-368.</p> <p>Citată în:</p> <p>51- A.E. Petcu, PhD Thesis, 2009.</p> <p>52- A.E. Petcu, <i>A generalized Gould type integral with respect to a submeasure I</i>, An.Șt. Univ. Iași Mat., LV, 2009, f.1, 59-74 (FI 0,108)</p> <p>53- A.E. Petcu, <i>A generalized Gould type integral with respect to a submeasure II</i>, An.St. Univ Iasi, LV, 2009, f.1, 75-86 (FI 0,108)</p> <p>54- A.E. Iosif, <i>Convergence theorems of the Gould integral with respect to a submeasure</i>, An. St. Univ. Iasi, LVI, 2010, f.2, 319-330 (FI 0,108).</p> <p>55- A. Croitoru, <i>Integrale in raport cu multimasuri</i>, Ed. Performantica, 2010.</p> <p>56- F.N. Sofian-Boca, <i>Another Gould type integral with respect to a multisubmeasure</i>, An.St. Univ. Iasi, LVII, 2011, 13-30 (FI 0,108)</p>
<p>On some properties of the Gould type integral with respect to a multisubmeasure, An. St. Univ. Iasi, 52, 2006, No.1, 177-194.</p> <p>Citată în:</p> <p>57- A.E. Petcu, <i>A generalized Gould type integral with respect to a submeasure I</i>, An.Șt. Univ. Iași Mat., LV, 2009, f.1, 59-74 (FI 0,108)</p> <p>58- A.E. Petcu, PhD Thesis, 2009.</p> <p>59- A.E. Petcu, <i>A generalized Gould type integral with respect to a submeasure II</i>, An.St. Univ Iasi, LV, 2009, f.1, 75-86 (FI 0,108)</p> <p>60- A. Croitoru, <i>Integrale in raport cu multimasuri</i>, Ed. Performantica, 2010.</p> <p>61- F.N. Sofian-Boca, <i>Another Gould type integral with respect to a multisubmeasure</i>, An.St. Univ. Iasi, LVII, 2011, f.1, 13-30 (FI 0,108).</p>