

Fișa Standardelor Minimale (SRI)

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> (jointly with A. Croitoru), Fuzzy Sets and Systems, 160 (2009), 2106-2116.	X	1,268	2	0,634
2.	<i>Pseudo-atoms and Darboux property for set multifunctions</i> (jointly with A. Croitoru), Fuzzy Sets and Systems, 161 (2010), 2897–2908.	X	1,268	2	0,634
3.	<i>A Fuzzy Gould Type Integral</i> (jointly with A. Precupanu and A. Croitoru), Fuzzy Sets and Systems, 161 (2010), 661-680.	X	1,268	3	0,422
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	1,268	1	1,268
5.	<i>Regularity and autocontinuity of set multifunctions</i> , Fuzzy Sets and Systems, 161 (2010), 681-693.	X	1,268	1	1,268
6.	<i>A Lusin type theorem for regular monotone uniformly autocontinuous set multifunctions</i> , Fuzzy Sets and Systems, 161 (2010), 2909–2918.	X	1,268	1	1,268
7.	<i>Continuity properties and Alexandroff theorem in Vietoris topology</i> , Fuzzy Sets and Systems, 194 (2012), 76-89.	X	1,268	1	1,268
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	1,268	2	0,634
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	1,833	1	1,833
10.	<i>Remarks on monotone interval-valued set multifunctions</i> , Information Sciences, 259 (2014), 225-230.	X	1,833	1	1,833
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	0,690	2	0,345
12.	<i>Informational Non-Differentiable Entropy and Uncertainty Relations in Complex Systems</i> (jointly with M. Agop, G.	X	1,362	4	0,340

	Crumpei and B. Doroftei), Entropy 2014, 16 (11), 6042-6058, DOI 10.3390/e16116042.				
13	<i>The Gould integral in Banach lattices</i> (jointly with A. E. Iosif and A. Croitoru), Positivity, DOI 10.1007/s11117-014-0283-7.	X	0,626	3	0,209
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	0,543	3	0,181
15	<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	1,362	4	0,340
Total :		C = 12,477			
		C-recent = 12,477			

CITATIONS IN ISI PAPERS

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. Song, 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. Song, 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.

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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)

<p>46- A. Croitoru, <i>Fuzzy integrability of multifunctions</i>, Proceedings of the 4th Wseas International Conference on Computational Intelligence, București, 2010, 80-84 (ISI proceedings)</p> <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><i>On Darboux property of fuzzy multimeasures</i> (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><i>Regularity and o-continuity for multisubmeasures</i>, 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><i>A Gould type integral with respect to a submeasure</i> (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><i>On some properties of the Gould type integral with respect to a multisubmeasure</i>, 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>

