FIŞA DE AUTOEVALUARE

Perioada: 1998-2014

CRITERII	DESCRIPTORI	PUNCTAJE ACORDATE	PUNCTE OBŢINUTE
I. ACTIVITATEA DE CERCETARE (70%)	**1.** Articole ştiinţifice publicate *in extenso* în reviste cotate *Web of Science* cu factor de impact **1.1.** Gavrilut A., Croitoru A. - *Non- atomicity for fuzzy and non-fuzzy multivalued set functions*, Fuzzy Sets and Systems, 160 (2009), 2106-2116. **1.2.** Gavrilut A., Croitoru A. - *Pseudo- atoms and Darboux property for set multifunctions*, Fuzzy Sets and Systems, 161 (2010), 2897–2908. **1.3.** Precupanu A., Gavrilut A., Croitoru A.- *A fuzzy Gould type integral*, Fuzzy Sets and Systems, 161 (2010), 661-680. **1.4.** Godet-Thobie C., Croitoru A. - *A Radon-Nikodym type theorem*, An. St. Univ. Ovidius Constanta, vol. 19 (1), 2011, 145-160. **1.5.** Croitoru A. - *Fuzzy integral of measurable multifunctions,* Iranian Journal of Fuzy Systems, Vol. 9, No. 4 (2012), 133-140. **1.6.** Croitoru A., Gavrilut A. - *Set-norm exhaustive set multifunctions,* Iranian Journal of Fuzzy Systems, Vol. 10, No.1 (2013), 123-134. **1.7.** Croitoru A. - *Strong integral of multifunctions relative to a fuzzy measure,* Fuzzy Sets and Systems, 244 (2014), 20-33. DOI: 10.1016/j.fss.2013.10.004. **1.8.** Croitoru A. - *Convergences and topology via sequences of multifunctions,* Information Sciences, 282 (2014), 250-260. **1.9.** Gavrilut A., Iosif A., Croitoru A. - *The Gould integral in Banach lattices*, Positivity (2014),	(60 puncte x factor de impact + 25) / număr autori **1.1.** (60 × 1,880 + 25)/2 = 68,9 **1.2**. (60 × 1,880 + 25)/2 = 68,9 **1.3.** (60 × 1,880 + 25)/3 = 45,9 **1.4.** (60 x 0,044 +25) / 2 = 13,82 **1.5.** (60 × 1,060 + 25)/1 = 88,6 **1.6.** (60 × 1,060 + 25)/2 = 44,3 **1.7.** (60 × 1,880 + 25)/1 = 137,8 **1.8.** (60 × 3,893 + 25)/1 = 258,58 **1.9.** (60 × 0,682 + 25)/3 = 21,97	780,86

CRITERII	DESCRIPTORI	PUNCTAJE ACORDATE	PUNCTE OBȚINUTE
	DOI: 10.1007/s11117-014-0283-7. **1.10.** Croitoru A., Gavrilut A. - *Comparison between Birkhoff integral and Gould integral*, Mediterranean J. Math. (2014), DOI: 10.1007/s0009-014-0410-5.	**1.10.** (60 × 0,653 + 25)/2 = 32,09 **Notă.** Au fost utilizaţi factorii de impact din anii corespunzatori aparitiei articolelor.	
	2. Articole ştiinţifice publicate *in extenso* în reviste indexate fără factor de impact	20 puncte / număr autori	
	3. Articole ştiinţifice publicate *in extenso* în reviste indexate BDI **3.1.** Croitoru A. - *A set-valued integral*, Analele Stiintifice ale Univ. Al.I.Cuza Iasi, 44, 1998, 101-112. **3.2.** Croitoru A. - *A Radon-Nikodym theorem for multimeasures*, Analele Stiintifice ale Univ. Al.I.Cuza Iasi, 44, 1998, 395-402. **3.3.** Precupanu A.M., Croitoru A. - *A Gould type integral with respect to a multimeasure*. I, Analele Stiintifice ale Univ. Al.I. Cuza Iasi, 48, 2002, 165-200. **3.4.** Croitoru A. - *An integral for multifunctions with respect to a multimeasure*, Analele Stiintifice ale Univ. Al.I. Cuza Iasi, 49, 2003, 95-106. **3.5.** Precupanu A.M., Croitoru A. - *A Gould type integral with respect to a multimeasure*. II, Analele Stiintifice ale Univ. Al.I. Cuza Iasi, 49, 2003, 183-207. **3.6.** Croitoru A. - *On a set-valued integral*, Carpathian J. Math. 19, 2003, 41-50. **3.7.** Croitoru A., Godet-Thobie C. -*Set-*	15 puncte / număr autori **3.1.** 15 /1 = 15 **3.2.** 15 / 1 = 15 **3.3.** 15 / 2 = 7,5 **3.4.** 15 / 1 = 15 **3.5.** 15 / 2 = 7,5	221,25

CRITERII	DESCRIPTORI	PUNCTAJE ACORDATE	PUNCTE OBȚINUTE
	valued integration in seminorm.II, Analele Stiintifice ale Univ.Ovidius Constanta, 13, 2005, 55-66. **3.8.** Croitoru A. - *Multivalued version of Radon-Nikodym theorem*, Carpathian J. Math. 21, 2005, 27-38. **3.9.** Croitoru A., Godet-Thobie C. -*Set-valued integration in seminorm*. I, Annals of University of Craiova, Math. Comp. Sci Ser. 33, 2006, 16-25. **3.10.** Croitoru A. - *Lebesgue type convergence theorems*, Studia Univ. Babes-Bolyai, Mathematica 52, 2007, 39-50. **3.11.** Croitoru A., Vaideanu C. - *About pointwise measurable multifunctions*, Analele Univ. de Vest Timisoara, 45(2007), 189-194. **3.12.** Gavrilut A., Croitoru A. - *An extension by preserving non-atomicity of set multifunctions*, Buletinul Institutului Politehnic din Iasi, Sectia Matematica. Mecanica teoretica. Fizica, Tomul LIII (LVII), Fasc. 5, 2007, 111-119. **3.13.** Gavrilut A., Croitoru A. – *On the Darboux property in the multivalued case*, Annals of the University of Craiova, Mathematics and Computer Sciences 35 (2008), 130-138. **3.14.** Croitoru A., Gavrilut A., Mastorakis N.E. – *On different types of non-additive set multifunctions*, WSEAS Transactions on Mathematics 8 (2009), 246-257. **3.15.** Croitoru A., Vaideanu C. – *On pointwise measurability of multifunctions*, An. St. Univ. Ovidius Constanta 17 (2009), Fasc. 1, 69-76. **3.16.** Croitoru A., Gavrilut A. – *On order-continuous set multifunctions in Hausdorff topology*, Matematychni Studii 31 (2009), 149-156. **3.17.** Apreutesei G., Mastorakis N.E., Croitoru A., Gavrilut A. – *On the translation of an almost linear topology*, WSEAS Transactions on	**3.6.** 15 / 1 = 15 **3.7.** 15 / 2 = 7,5 **3.8.** 15 / 1 = 15 **3.9.** 15 / 2 = 7,5 **3.10.** 15 / 1 = 15 **3.11.** 15 / 2 = 7,5 **3.12.** 15 / 2 = 7,5 **3.13.** 15 / 2 = 7,5 **3.14.** 15 / 3 = 5 **3.15.** 15 / 2 = 7,5	

CRITERII	DESCRIPTORI	PUNCTAJE ACORDATE	PUNCTE OBȚINUTE
	Mathematics 8 (2009), 479-488. **3.18.** Gavrilut A., Croitoru A., Mastorakis N.E. – *Measurability and Gould integrability in finitely purely atomic multisubmeasure spaces*, WSEAS Transactions on Mathematics 8 (2009), 435-444. **3.19.** Croitoru A., Gavrilut A. – *Properties of non-additive set multifunctions*, An. Univ. din Timisoara, Seria Matematica-Informatica 47 (2009), 9-20. **3.20.** Croitoru A., Gavrilut A., Mastorakis N.E. – *Convergence theorems for totally-measurable functions*, WSEAS Transactions on Mathematics Volume 8, Issue 10 (2009), 614-623. **3.21.** Gavrilut A., Croitoru A., Mastorakis N.E. – *Diffusion and semi-convexity of fuzzy set multifunctions*, WSEAS Trans. on Math. 9 (2010), 561-570. **3.22.** Gavrilut A., Croitoru A. – *Convergence theorems for a (set-valued) fuzzy integral*, Aplimat Jornal of Applied Mathematics, Vol. 3 (2010), Number 1, 221-231. **3.23.** Gavrilut A., Croitoru A. – *Lp-spaces generated by a fuzzy Gould integral,* Aplimat Jornal of Applied Mathematics, Vol. 3 (2010), Number 1, 233-243. **3.24.** Croitoru A. – *Set-norm continuity of set multifunctions*, Romai Journal 6, 1 (2010), 47-56.	**3.16.** 15 / 2 = 7,5 **3.17.** 15 / 4 = 3,75 **3.18.** 15 / 3 = 5 **3.19.** 15 / 2 = 7,5 **3.20.** 15 / 3 = 5 **3.21.** 15 / 3 = 5 **3.22.** 15 / 2 = 7,5 **3.23.** 15 / 2 = 7,5 **3.24.** 15 / 1 = 15	

CRITERII	DESCRIPTORI	PUNCTAJE ACORDATE	PUNCTE OBȚINUTE
	4. Articole ştiinţifice publicate *in extenso* în volumele conferinţelor	indexate ISI: 30 puncte / număr autori	
		indexate în BDI: 15 puncte / număr autori	892,5
	4.1. Gavrilut A., Croitoru A. - *Fuzzy multisubmeasures and applications*, Proceedings of The 9-th WSEAS International Conference on Fuzzy Systems (FS 08), 113-119.	**4.1.** 15 / 2 = 7,5	
	4.2. Croitoru A., Gavrilut A. - *A Gould type set valued integral*, Proceedings of 6-th Congres of Romanian Mathematicians, June 28-july 4, 2007, Bucharest, Romanian Academy Publishing House, 2008.	**4.2.** 15 / 2 = 7,5	
	4.3. Mastorakis N.E., Gavrilut A., Croitoru A., Apreutesei G. - *On Darboux property of fuzzy multimeasures*, Proceedings of the 10th WSEAS International Conference on Fuzzy Systems (FS'09), Prague, Czech Republic, March 23-25, 2009, 54-58.	**4.3.** 15 / 4 = 3,75	
	4.4. Apreutesei G., Mastorakis N.E., Croitoru A., Gavrilut A. - *Topological properties for the translation of a non-linear topology*, Proceedings of the 8-th WSEAS International Conference on Non-Linear	**4.4.** 15 / 4 = 3,75	

CRITERII	DESCRIPTORI	PUNCTAJE ACORDATE	PUNCTE OBȚINUTE
	Analysis, Non-Linear Systems and Chaos (NOLASC'09), Tenerife, Canary Islands, Spain, July 1-3, 2009, 305-309.		
	4.5. Croitoru A., Gavrilut A., Mastorakis N.E. - *On different types of convergences for sequences of totally-measurable functions*, Proceedings of the 9-th WSEAS International Conference on Simulation, Modelling and Optimization (SMO'09), Budapest, Hungary, Sept. 3-5, 2009, 196-200.	**4.5.** 15 / 3 = 5	
	4.6. Gavrilut A., Croitoru A., Mastorakis N.E. - *Continuity properties of fuzzy set multifunctions*, Proceedings of the 9-th WSEAS International Conference on Simulation, Modelling and Optimization (SMO'09), Budapest, Hungary, Sep. 3-5, 2009, 201-206.	**4.6.** 15 / 3 = 5	
	4.7. Gavrilut A., Croitoru A., Mastorakis N.E. - *Finitely purely (pseudo)atomic set multifunctions*, Proceedings of the European Computing Conference (ECC' 09)/3rd International Conference on Computational Intelligence (CI 09), Tbilisi, Georgia, June 26-28, 2009, 103-108.	**4.7.** 15 / 3 = 5	
	4.8. Croitoru A., Gavrilut A. - *Pseudo-atoms of fuzzy multisubmeasures*, Proceedings of ICMI-2 (2009), V. Alecsandri Univ. of Bacau, Faculty of Sciences, Scientific Studies and Research, Series Mathematics and Informatics, 19(2009), 185-196.	**4.8.** 15 / 2 = 7,5	
	4.9. Gavrilut A., Croitoru A. – *On totally-measurable functions*, Proceedings of ICMI-2 (2009), V. Alecsandri Univ. of Bacau, Faculty of Sciences, Scientific Studies and Research, Series Mathematics and Informatics, 19(2009), 275-288.	**4.9.** 15 / 2 = 7,5	
	4.10. Croitoru A. - *Fuzzy integrability of multifunctions*, Proceedings of the 4th WSEAS International Conference on Computational Intelligence(CI'10), Bucharest, Romania, April 20-22, 2010, 80-84.	**4.10.** 15 / 1 = 15	
	4.11. Gavrilut A., Croitoru A., Mastorakis N.E. - *Fuzzy diffused set multifunctions*, Proceedings of	**4.11.** 15 / 3 = 5	

CRITERII	DESCRIPTORI	PUNCTAJE ACORDATE	PUNCTE OBȚINUTE
	the 4th WSEAS International Conference on Computational Intelligence(CI'10), Bucharest, Romania, April 20-22, 2010, 148-153. **4.12.**Gavrilut A., Croitoru A., Mastorakis N.E. – *Null-additive fuzzy set multifunctions*, Recent Advances in Neural Networks, Fuzzy Systems and Evolutionary Computing, Proceedings of the 11-th WSEAS International Conference on Fuzzy Systems (FS'10), "G. Enescu" University, Iasi, Romania, June 13-15, 2010, 225-229. **4.13.** Gavrilut A., Croitoru A. – *About L-infinity space for fuzzy measures*, Recent Researches in Neural Networks, Fuzzy Systems, Evolutionary Computing & Automation, Proceedings of the 12-th WSEAS International Conference on Fuzzy Systems (FS'11), Brasov, Romania, April 11-13, 2011, 88-91. **4.14.** Croitoru A. - *On a non-linear integral of multifunctions with respect to a fuzzy measure*, Recent Researchers in Computational Techniques, Non-Linear Systems & Control (Proceedings of the 10-th WSEAS International Conference on Non-Linear Analysis, Non-Linear Systems and Chaos, NOLASC′11), Iasi, Romania, July 1-3, 2011, 79-84. **4.15.** Stamate C., Croitoru A. – *Scalar and vector fuzzy integrals for vector multifunctions*, Advances in Neural Networks, Fuzzy Systems and Artificial Intelligence, Proceedings of the 15-th International Conference on Fuzzy Systems (FS'14), Gdansk, Poland, May 15-17, 2014, pp. 202-208, Recent Advances in Computer Engineering Series, 21, 2014. **4.16.** Croitoru A., Mastorakis N. – *Estimations, convergences and comparisons on fuzzy integrals of Sugeno, Choquet and Gould type*, Proceedings of the 2014 IEEE International Conference on Fuzzy Systems (FUZZ-IEEE), July 6-11, 2014, Beijing, China, pp.1205-1212. **4.17.** Bors D.M., Croitoru A. - *Properties of weak linear spaces*, Proceedings of	**4.12.** 15 / 3 = 5 **4.13.** 15 / 2 = 7,5 **4.14.** 15 / 1 = 15 **4.15.** 15 / 2 = 7,5 **4.16.** 15 / 2 = 7,5 **4.17.** 15 / 2 = 7,5	

CRITERII	DESCRIPTORI	PUNCTAJE ACORDATE	PUNCTE OBȚINUTE
	Mathematical Methods & Computational Techniques in Science & Engineering (MMCTSE) Athens, Greece, November 28-30, 2014.		
	4.18. Croitoru A., Apreutesei G., Mastorakis N.E. – *Set-norm variation of set-multifunctions*, Recent Researches in Applied Mathematics and Economics, Proceedings of the 6-th International Conference on Applied Mathematics, Simulation, Modelling (ASM'12), Vouliagmeni Beach, Athens, Greece, March 7-9, 2012, 15-19.	**4.18.** 15 / 3 = 5	
	4.19. Croitoru A. - *Properties of measurable multifunctions relative to a fuzzy measure*, Latest Advances in Information Science, Circuits & Systems, Proceedings of the 13-th WSEAS International Conference on Fuzzy Systems (FS'12), Iasi, Romania, June 13-15, 2012, 62-66.	**4.19.** 15 / 1 = 15	
	4.20. Apreutesei G., Croitoru A., Mastorakis N.E. - *Totally boundedness and compactness on semilinear topological spaces*, Recent Researches in Automatic Control, Systems Science and Communications, Proceedings of the 11-th WSEAS International Conference on Non-Linear Analysis, Non-Linear Systems and Chaos (NOLASC'12), Porto, Portugal, July 1-3, 2012.	**4.20.** 15 / 3 = 5	
	4.21. Croitoru A., Apreutesei G., Muhammad M.A.S. Mahmoud – *Fuzzy convergences of multifunctions*, Recent Advances in Systems Science & Mathematical Modelling, Proceedings of MMES'12, Paris, France, December 2-4, 2012, 139-143.	**4.21.** 15 / 3 = 5	
	4.22. Croitoru A., Vaideanu C.- *Pointwise measurable multifunctions*, Mathematical Methods for Information Science & Economics, Proceedings of AMATH'12, Montreux, Switzerland, December 29-31, 2012, 37-42.	**4.22.** 15 / 2 = 7,5	
	4.23. Stamate C., Croitoru A.- *Non-linear integrals, properties and relationships*, Recent Advances in Telecommunications, Signals and Systems, Proceedings of NOLASC' 13, Lemesos, Cyprus, March 21-23, 2013, Recent Advances in Electrical Engineering Series, 10 (2013), 118-123.	**4.23.** 15 / 2 = 7,5	
	4.24. Stamate C., Croitoru A.- *Convergence results for sequences of non-linear integrals*, Recent Advances in Computer Science and Applications, Proceedings of FS'13, Valencia, Spain, August 6-8, 2013, Recent Advances in	**4.24.** 15 / 2 = 7,5	

CRITERII	DESCRIPTORI	PUNCTAJE ACORDATE	PUNCTE OBȚINUTE
	Computer Engineering Series, 15 (2013), 76-81. **4.25.** Stamate C., Croitoru A. – *Properties of different nonlinear integrals of multifunctions*, Recent Advances in Electrical Engineering, Proceedings of the 13-th International Conference on Non-Linear Analysis, Non-Linear Systems and Chaos (NOLASC'14), WSEAS Press, 2014, pp. 16-20.	**4.25.** 15 / 2 = 7,5	
	5. Cărţi ştiinţifice publicate (doar prima ediţie)	edituri academice internaţionale: 100 puncte la 100 pagini / număr autori	
		alte edituri internaţionale: 70 puncte la 100 pagini / număr autori	
	5.1. Croitoru A., Gavrilut A., Vaideanu A. – *Serii numerice. Siruri de functii. Serii de functii*, Editura "Alexandru Myller" Iasi, 2012.	edituri academice naţionale: 50 puncte la 100 pagini / număr autori **5.1.** (50 × 3,72) / 3 = 62	
	5.2. Croitoru A., Durea M. Vaideanu C. – *Analiza Matematica. Probleme*, Editura Tehnopress, Iasi, 2005. **5.3.** Croitoru A. - *Elemente din Teoria Masurii*, Editura Tehnopress, Iasi, 2005. **5.4.** Croitoru A., Gavrilut A. - *Serii numerice. Probleme*, Casa de Editura Venus Iasi, 2007. **5.5.** Croitoru A. - *Integrale in raport cu Multimasuri*, Editura Performantica, Iasi, 2010. **5.6.** Croitoru A., . Durea, C. Vaideanu – *Probleme de Analiza Matematica, I- Calcul Diferential in* ***R***, Editura PIM, Iasi, 2010.	alte edituri naţionale: 20 puncte la 100 pagini / număr autori **5.2.** (20 × 3,03) / 3 = 20,2 **5.3.** (20 × 2,03) / 1 = 40,6 **5.4.** (20 × 2,15) / 2 = 21,5 **5.5.** (20 × 2,07) / 1 = 41,4 **5.6.** (20 × 3,44) / 3 = 22,93	208,63

CRITERII	DESCRIPTORI	PUNCTAJE ACORDATE	PUNCTE OBȚINUTE
	6. Cărţi ştiinţifice traduse şi publicate în edituri din străinătate	100 puncte la 100 pagini / număr autori	
	7. Coordonarea şi editarea de volume, traduceri şi antologii	edituri academice internaţionale: 60 puncte / număr autori	
		alte edituri internaţionale: 40 puncte / număr autori	
		edituri academice naţionale: 30 puncte / număr autori	
	7.1. Coordonator al cartii *Directii moderne in Analiza Multivoca si Teoria Optimizarii* (autori: A.M. Precupanu, T. Precupanu, M. Turinici, N. Apreutesei Dumitriu, C. Stamate, B.R. Satco, C. Vaideanu, G. Apreutesei, D. Rusu, A.C. Gavrilut, M. Apetrii, A. Croitoru), Casa de Editura Venus Iasi, 2006.	alte edituri naţionale: 15 puncte / număr autori **7.1.** 15 / 12 = 1,25	
	8. Articole publicate în dicţionare şi enciclopedii	edituri academice internaţionale: 30 puncte / număr autori	
		alte edituri internaţionale: 20 puncte / număr autori	
		edituri academice naţionale: 15 puncte / număr autori	
		alte edituri naţionale: 5 puncte / număr autori	
	9. Contracte de cercetare ştiinţifică în instituţii academice (universităţi, institute ale Academiei Române, institute naţionale de cercetare, institute de cercetare din străinătate, alte categorii de institute academice) Membru al echipelor de cercetare ale următoarelor granturi:	contracte internaţionale – director: 100 puncte pentru fiecare 100.000 Euro	

CRITERII	DESCRIPTORI	PUNCTAJE ACORDATE	PUNCTE OBȚINUTE
		contracte internaţionale – membru: 100 puncte pentru fiecare 100.000 Euro / numărul membrilor echipei de cercetare	
		contracte naţionale – director: 50 puncte pentru fiecare 500.000	
		contracte naţionale – membru: 50 puncte pentru fiecare 500.000 lei / numărul membrilor echipei de cercetare	
	10. Contracte de cercetare în mediul de afaceri şi sectorul public	organizaţii internaţionale: 100 puncte pentru fiecare 100.000 Euro	
		firme multinaţionale: 100 puncte pentru fiecare 100.000 Euro	
		firme naţionale: 50 puncte pentru fiecare 500.000 Euro	
		organizaţii administrative naţionale: 40 puncte pentru fiecare 500.000 Euro	
		alte organizaţii publice de nivel naţional: 30 puncte pentru fiecare 500.000 Euro	
	11. Brevete	internaţionale: 100 puncte / număr de autori	
		naţionale: 30 puncte / număr autori	
	12. Citări şi recenzii ale lucrărilor ştiinţifice	reviste de specialitate din străinătate: (10 + 20 x factor de impact) / număr autori, pentru fiecare citare	

CRITERII	DESCRIPTORI	PUNCTAJE ACORDATE	PUNCTE OBȚINUTE
		reviste de specialitate din ţară: (5 + 10 x factor de impact) / număr autori, pentru fiecare citare	
		monografii academice din străinătate: 50 puncte / număr autori, pentru fiecare citare **12.20.** 50 *puncte* / 1 = 50 *puncte* **12.21.** 50 *puncte* / 1 = 50 *puncte* **12.34.** 50 *puncte* / 1 = 50 *puncte* **12.57.** 50 *puncte* / 2 = 25 *puncte*	
		monografii academice din ţară: 25 puncte / număr autori, pentru fiecare citare	

CRITERII	DESCRIPTORI	PUNCTAJE ACORDATE	PUNCTE OBȚINUTE
	13. Lucrări susţinute în calitate de invitat la manifestări ştiinţifice (conferinţe, congrese, simpozioane, seminarii şi ateliere de lucru)	străinătate: 25 puncte pentru fiecare activitate --- ţară: 10 puncte pentru fiecare activitate	
	13.1. *On an integral with respect to a multimeasure*, Zilele Univ. Al.I. Cuza Iasi, Romania, Octombrie, 1995. **13.2.** *A set-valued integral*, Zilele Univ. Al.I. Cuza Iasi, Romania, Octombrie, 1996. **13.3.** *A Radon-Nikodym theorem for multimeasures*, The First National Conference of Mathematical Analysis and Applications, Univ. Al.I. Cuza Iasi, Romania, October 22-26, 1997. **13.4.** *Gould type integral with respect to a multimeasure. I*, Zilele Univ. Al.I. Cuza Iasi, Romania, October 24, 1998. **13.5.** *On a set-valued integral*, Zilele Univ. Al.I. Cuza Iasi, Romania, October 27, 2001. **13.6.** *Set-valued integral with respect to a multimeasure valued in the family of subsets of an algebra*, National Conference of Mathematical Analysis and Applications, Univ. Babes-Bolyai Cluj, Romania, November 8-9, 2002. **13.7.** *About a set-valued integral*, Colloque Mesures de Young et Controle Stochastique, Brest, France, December 9-11, 2002. **13.8.** *A multivalued version of Radon-Nikodym theorem*, International Scientifical Conference of North Univ. of Baia-Mare, Department of Mathematics, Baia-Mare, Romania, May 8-9, 2003. **13.9.** *Set-valued integral in locally convex algebra*, Zilele Univ. Al.I. Cuza Iasi, Romania, October 24, 2003.	**13.1. 10** **13.2.** 10 **13.3.** 10 **13.4.** 10 **13.5.** 10 **13.6. 10** **13.7. 25** **13.8. 10** **13.9. 10**	700

CRITERII	DESCRIPTORI	PUNCTAJE ACORDATE	PUNCTE OBȚINUTE
	13.10. *A set-valued theorem. II*, Zilele Univ. Al. I. Cuza Iasi, Romania, 23 Octombrie 2004.	**13.10. 10**	
	13.11. *Set-valued integral in Hausdorff locally convex vector spaces*, National Conference of Mathematical Analysis and Applications, Craiova, Romania, September 23-24, 2005.	13.11. 10	
	13.12.*On a set-valued integral: theorem of Radon-Nikodym type*, Zilele Univ. Al.I. Cuza Iasi, Romania, October 28-29, 2005.	**13.12. 10**	
	13.13.*On measurable multifunctions* (jointly with C. Vaideanu), Zilele Univ. Al.I. Cuza Iasi, Romania, October 27-28, 2006.	**13.13. 10**	
	13.14.*Pointwise measurable multifunctions* (jointly with C. Vaideanu), 8th National Conference of Mathematical Analysis and Applications, Timisoara, Romania, December 1-2, 2006.	**13.14. 10**	
	13.15.*A Gould type set-valued integral* (jointly with A. Gavrilut), 6th Congress of Romanian Mathematicians, Bucuresti, Romania, June 28-July 4, 2007.	**13.15. 10**	
	13.16.*On the Darboux property in the multivalued case* (jointly with A. Gavrilut), 9th National Conference of Mathematical Analysis and Applications, Iasi, Romania, October 26-27, 2007.	**13.16. 10**	
	13.17.*On pointwise measurability and approximate fixed points for multifunctions* (jointly with C. Vaideanu), 9th National Conference of Mathematical Analysis and Applications, Iasi, Romania, October 26-27, 2007.	**13.17. 10**	
	13.18.*An extension by preserving non-atomicity of set multifunctions* (jointly with A. Gavrilut), First National Conference of Pure and Applied Mathematics, Department of Mathematics, Technical University Gh. Asachi Iasi, Romania, November 9-10, 2007.	**13.18. 10**	
	13.19. *Fuzzy multisubmeasures and applications* (jointly with A. Gavrilut), 9th WSEAS International Conference on Fuzzy Systems (FS-08), Sofia, Bulgaria, May 2-4, 2008.	**13.19. 25**	
	13.20. *On order-continuous set multifunctions in*		

CRITERII	DESCRIPTORI	PUNCTAJE ACORDATE	PUNCTE OBȚINUTE
	Hausdorff topology (jointly with A. Gavrilut), International Conference of Analysis and Topology, Lviv, Ukraine, June 2-7, 2008.	**13.20. 25**	
	13.21. *Decompositions by pseudo-atoms of fuzzy multifunctions in Hausdorff topology* (jointly with A. Gavrilut), VII Iberoamerican Conference on Topology and Its Applications, Valencia, Spain, June 25-28, 2008.	**13.21. 25**	
	13.22. *On a generalized Gould type set-valued integral* (jointly with A. Precupanu and A. Gavrilut), 3rd International Conference on Vector Measures, Integration and Applications (VMIA), Eichstatt, Germany, September 24-26, 2008.	**13.22. 25**	
	13.23. *Relationships among fuzzy multimeasures and other types of set multifunctions* (jointly with A. M. Precupanu and A. Gavrilut), Zilele Univ. Al.I. Cuza Iasi, Romania, October 17, 2008.	**13.23. 10**	
	13.24. *Atoms and pseudo-atoms of set multifunctions* (jointly with A. Gavrilut), Zilele Univ. Al.I. Cuza Iasi, Romania, October 17, 2008.	**13.24. 10**	
	13.25. *On Darboux property of fuzzy multimeasures* (jointly with Mastorakis, N., Gavrilut, A., Apreutesei, G.), 10th WSEAS International Conference on Fuzzy Systems (FS-09), Prague, Czech Republic, March 23-25, 2009.	**13.25. 25**	
	13.26. *Semi-convex set multifunctions* (jointly with A. Gavrilut), International Conference Infinite Dimensional Analysis and Topology, Yaremche (Ivano-Frankivsk), Ukraine, May 27June 1, 2009.	**13.26. 25**	
	13.27. *Finitely purely (pseudo)atomic set multifunctions* (jointly with A. Gavrilut, N.E. Mastorakis), 2nd WSEAS International Conference on Finite Differences-Finite Elements-Finite Volumes-Boundary Elements (F-and-B' 09), Tbilisi, Georgia, June 26-28, 2009.	**13.27. 25**	
	13.28. *Topological properties for the translation of a non-linear topology* (jointly with G. Apreutesei, A. Gavrilut, N.E. Mastorakis), 8th WSEAS International Conference of Non-linear Analysis, Non-linear Systems and Chaos (NOLASC' 09), University of La Laguna, Tenerife, Canary Islands, Spain, July 1-3, 2009.	**13.28. 25**	
	13.29. *On atoms and pseudo-atoms of set*		

CRITERII	DESCRIPTORI	PUNCTAJE ACORDATE	PUNCTE OBȚINUTE
	multifunctions (jointly with C. Stamate, A. Gavrilut, B. Satco), Positivity VI, El Escorial, Madrid, Spain, July 20-24, 2009. **13.30.** *Continuity properties of fuzzy set multifunctions* (jointly with A. Gavrilut, N.E. Mastorakis), The 9th WSEAS International Conference on Simulation, Modelling and Optimization (SMO 09), Budapest, Hungary, Sept. 3-5, 2009. **13.31.** *On different types of convergences for sequences of totally-measurable functions* (jointly with A. Gavrilut, N.E. Mastorakis), The 9th WSEAS International Conference on Simulation, Modelling and Optimization (SMO 09), Budapest, Hungary, Sept. 3-5, 2009. **13.32.** *Pseudo-atoms of fuzzy multisubmeasures* (jointly with A. Gavrilut), The 2-nd International Conference on Mathematics and Informatics (ICMI), Bacau, Romania, Sept. 8-10, 2009. **13.33.** *On totally-measurable functions* (jointly with A. Gavrilut), The 2-nd International Conference on Mathematics and Informatics (ICMI), Bacau, Romania, Sept. 8-10, 2009. **13.34.** *Set-norm continuity of set multifunctions*, The 17-th Conference on Applied and Industrial Mathematics (CAIM 2009), Constanta, Romania, Sept. 17-20, 2009. **13.35.** *About a set-valued fuzzy integral*, Zilele Univ. Al.I. Cuza Iasi, Romania, October 23-24, 2009. **13.36.** *Properties of totally-measurable functions* (jointly with A. Gavrilut), Zilele Univ. Al.I. Cuza Iasi, Romania, October 23-24, 2009. **13.37.***Mathematics=Science+Philosophy+Means of modelling and knowledge of the world, of life quality improvement* (in Romanian), Zilele Univ. Al.I. Cuza Iasi, Romania, October 23-24, 2009. **13.38.** The 4th WSEAS International Conference on Computational Intelligence(CI'10), Bucharest, Romania, April 20-22, 2010, with lectures: *Fuzzy type set-valued integrals*(Plenary Speaker), *Fuzzy integrability of multifunctions* and *Fuzzy diffused set multifunctions*(jointly with A.Gavrilut and N.Mastorakis).	**13.29. 25** **13.30. 25** **13.31. 25** **13.32. 10** **13.33. 10** **13.34. 10** **13.35. 10** **13.36. 10** **13.37. 10** **13.38. 10** **13.39. 10** 13.40. 10 13.41. 10 13.42. 10 13.43. 10 13.44. 10 13.45. 10 13.46. 25 13.47. 25 13.48. 10 13.49. 10	

CRITERII	DESCRIPTORI	PUNCTAJE ACORDATE	PUNCTE OBȚINUTE
	13.39. *Null-additive fuzzy set multifunctions* (jointly with A. Gavrilut and N.E. Mastorakis), The 11-th WSEAS International Conference on Fuzzy Systems (FS'10), Iasi, Romania, June 13-15, 2010. **13.40.** *Properties of a fuzzy type integral*, "Alexandru Myller" Mathematical Seminar Centennial Conference, Iasi, Romania, June 21-26, 2010. **13.41.** *About L-infinity in non-additive case* (jointly with A. Gavrilut), The 18-th Conference on Applied and Industrial Mathematics (CAIM-2010), Iasi, Romania, October 14-17, 2010. **13.42.** *About L-infinity space for fuzzy measures* (jointly with A.Gavrilut), The 12-th WSEAS International Conference on Fuzzy Systems (FS'11), Brasov, Romania, April 11-13, 2011. **13.43.** *Convergence properties of a non-linear integral for measurable multifunctions*, „Gheorghe Vranceanu" National Conference on Mathematics and Informatics with international participation, Bacau, Romania, May 26-28, 2011. **13.44.** *Integral of measurable multifunctions with respect to a monotone measure*, The 7-th Congress of Romanian Mathematicians, June 29-July 5, 2011, Brasov, Romania. **13.45.** *On a non-linear integral of multifunctions with respect to a fuzzy measure*, The 10-th WSEAS International Conference on Non-Linear Analysis, Non-Linear Systems and Chaos (NOLASC'11), Iasi, Romania, July 1-3, 2011. **13.46.** *Convergence properties for sequences of measurable multifunctions*, The 26-th British Topology Meeting, Edinburgh, United Kingdom, September 1-3, 2011. **13.47.** *Convergence in fuzzy measure for measurable multifunctions*, The 19-th Conference on Applied and Industrial Mathematics (CAIM - 2011), Iasi, Romania, September 22-25, 2011. **13.48.** *Remarks on the space of measurable multifunctions*, Zilele Univ. Al.I. Cuza Iasi, Romania, October 28, 2011. **13.49.** Participare la Cursul "*Adaptive and*		

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	Sequential Procedures for Clinical Trials", Facultatea de Informatica, Univ. "Al.I. Cuza", Iasi, 6-8 aprilie 2011.		
	14. Profesor / cercetător invitat la universităţi / institute de cercetare **14.1.** Universite de Bretagne Occidentale, Brest, Franta, 15 iunie 2003 – 15 iulie 2003. **14.2.** Universite de Bretagne Occidentale, Brest, Franta, 5 iulie 2005 - 31 iulie 2005.	străinătate: 25 puncte pentru fiecare activitate	
		ţară: 10 puncte pentru fiecare activitate **14.1.** 25 **14.2.** 25	50
	15. Editor/Membru în *Editorial Board* & *Advisory Board*	reviste cotate *Web of Science*: editor, 30 puncte pentru fiecare revistă; membru, 20 puncte pentru fiecare revistă	
		reviste internaţionale şi alte reviste ale Universităţii: editor - 15 puncte pentru fiecare revistă; membru - 10 puncte pentru fiecare revistă	
	16. Premii internaţionale obţinute printr-un proces de selecţie	100 puncte / categorie / număr persoane	
	17. Premii ale Academiei Române	50 puncte / categorie / număr persoane	
	18. Alte premii naţionale ale instituţiilor culturale	20 puncte / categorie / număr persoane	
	19. Participări la manifestări ştiinţifice	internaţionale: preşedinte comitet organizare/consiliu ştiinţific, 25 puncte pentru fiecare activitate; membru comitet organizare/consiliu ştiinţific, 15 puncte pentru fiecare activitate; moderator de panel, 15 puncte pentru fiecare activitate; raportor pe secţiuni/paneluri, 10 puncte pentru fiecare activitate	

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		naţionale: preşedinte comitet organizare/consiliu ştiinţific, 15 puncte pentru fiecare activitate; membru comitet organizare/consiliu ştiinţific, 5 puncte pentru fiecare activitate; moderator de panel, 5 puncte pentru fiecare activitate; raportor pe secţiuni/paneluri, 2 puncte pentru fiecare activitate	
	19.1. Moderator de panel - Third International Conference on Topology and its Applications (ICTA-2012), Skopje, Republic of Macedonia, September 2-7, 2012. **19.2.** Membru comitet stiintific – The 12-th WSEAS International Conference on Systems Theory and Scientific Computation (ISTASC'12), Istanbul, Turkey, August 21-23, 2012 http://www.wseas.org/wseas/cms.action?id=1565	19.1. 15 19.2. 25	40
II. ACTIVITATEA DIDACTICĂ (30%)	**1.** Tratate şi manuale universitare	30 puncte la 100 pagini / număr de autori	
	2. Proiecte didactice (înfiinţare/dotare laboratoare licenţă, master, săli workshop, biblioteci proprii facultăţilor, departamentelor, laboratoarelor şi grupurilor de cercetare) Infiintarea Grupului de Analiza Matematica si Aplicatii (GAMA)	40 puncte pentru fiecare activitate	40

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	3. Materiale suport curs, seminar, lucrări practice şi programe analitice detaliate	10 puncte pentru fiecare activitate	
	4. Organizare de aplicaţii şi practică de specialitate	5 puncte pentru fiecare activitate	

Lect. Dr. Anca Croitoru