Universitatea "Vasile Alecsandri " din Bacău
Facultatea de Ştiinţe
Departamentul de Matematică, Informatică şi Stiintele Educaţiei
Postul de conferentiar, poziţia 10
Disciplinele postului: *Analiză numerică; Probabilităţi şi statistică matematică, Teoria probabilităţilor, Metode stochastice, Elemente de biostatistică, Software matematic*
Candidat: *Popescu Carmen Violeta*

Fişa de verificare a îndeplinirii standardelor naţionale

Standarde minimale Comisia Matematică (O.M. 6560/2012):
Conferenţiar universitar: $I \geq 2.5$, $I_{recent} \geq 1.5$ şi $C \geq 6$

I. Articole publicate în jurnale ISI, cu factor de impact de minim 0,5

Nr. Crt.	Articol, referinţă bibliografică	Publicat în ultimii 7 ani	Factor de impact (fi)	Nr. Autori (ni)	fi/ni	Punctaj comisie
1	Nechita E., <u>Muraru C.V</u>, Talmaciu M, *A bayesian approach for the assessment of risk probability. Case study for digital risk probability,* Environmental Engineering and Management Journal, 11(12), 2249-2256, 2012	da	1.008 (1.117)	3	0.336	
2	Ogün Doğru, <u>Carmen Violeta Muraru</u>, *Statistical approximations by a Stancu type bivariate generalization of Meyer-Konig and Zeller type operators*, Mathematical and Computer Modelling (ISI) , vol. 48, issues 5-6, September 2008, 961-968	nu	1.366 (2)	2	0.683	
3	Dan Bărbosu, <u>Carmen-Violeta Muraru</u> *Approximating B-continuous functions using GBS operators of Bernstein–Schurer–Stancu type based on q-integers,* Applied Mathematics and Computation, Volume 259, 15 May 2015, Pages 80–87	da	1.345 (1.6)	2	0.6725	
4	<u>Carmen-Violeta Muraru</u>, Ana Maria Acu , *Approximation Properties of Bivariate Extension of q-Bernstein–Schurer–Kantorovich operators,* Results in Mathematics, Vol 67, Issue 3, 265-279, 2015	da	0.768 (0.864)	2	0.384	

5	Manea L.R., Bertea A.P., Nechita E., Popescu (Muraru) C.V., Sandu I., *Mathematical model of the electrospinning process, Part I.* Revista de chimie, 67 (7), 1284-1289, 2016	da	0.956	5	0.1912	
6	Manea L.R., Bertea A.P., Nechita E., Popescu (Muraru) C.V., Sandu I., *Mathematical model of the electrospinning process, Part II. Effect of the technological parameters on the electrospun fibers diameter*, Revista de Chimie, 67(8), 2016, 1607-1612 , 2016	da	0.956	5	0.1912	
7	Ana-Maria Acu, Carmen Violeta Muraru, Daniel Florin Sofonea, Voichita Adriana Radu, *Some approximation properties of a Durrmeyer variant of q-Bernstein–Schurer operators,* Mathematical Methods in the Applied Sciences, 39 (18), 5636-5650, 2016	da	1.002	4	0.2505	
8	Dan Bărbosu, Carmen Violeta Muraru, Ana-Maria ACU, *Some Bivariate Durrmeyer operators based on q-integers*, Journal of Mathematical Inequalities, 11(1), 59-75, 2017	da	0.636 (0.718)	3	0.212	
				I=	2.9204	
	Total			$I_{recent}=$	2.2374	

Notă: În cazul în care se consideră maximul valorii factorului de impact pe perioada indicelui recent, se obţine**, I=3.47.**

II. Citări în articole publicate în jurnale ISI, cu factor de impact de minim 0,5

Nr. Crt.	Articol citat	Revista si articolul in care a fost citat	Factor de impact	Punctaj comisie
1	C.V.Muraru, *Note on q-Bernstein-Schurer operators,* Studia UBB, Mathematica, LVI(2), 1-7, 2011	*Applied Mathematics and Computations,* Volume 219, Issue 14, 15 March 2013, Pages 7754-7764 On *q*-analogue of Bernstein–Schurer–Stancu operators	1.34	

2	C.V.Muraru, *Note on q-Bernstein-Schurer operators,* Studia UBB, Mathematica, LVI(2), 1-7, 2011	*Journal of Inequalities and Applications,* Article Number 444 Published: OCT 1 2013 q-Bernstein-Schurer Kantorovich operators,	0.82	
3	C.V.Muraru, *Note on q-Bernstein-Schurer operators,* Studia UBB, Mathematica, LVI(2), 1-7, 2011	*Applied Mathematics and Computations,* Vol 226 , 765-776, 2014 Stancu type generalization of modified Schurer operators based on q-integers	1.34	
4	C.V.Muraru, *Note on q-Bernstein-Schurer operators,* Studia UBB, Mathematica, LVI(2), 1-7, 2011	*Results in Mathematics,* 2015, Volume 67, Issue 3, 365–380 Bivariate q-Bernstein-Schurer-Kantorovich Operators	0.642	
5	C.V.Muraru, *Note on q-Bernstein-Schurer operators,* Studia UBB, Mathematica, LVI(2), 1-7, 2011	*Applied Mathematics and Computations*, Vol 256, 222-231, 2015 Bernstein–Schurer–Kantorovich operators based on q-integers	1.34	
6	C.V.Muraru, *Note on q-Bernstein-Schurer operators,* Studia UBB, Mathematica, LVI(2), 1-7, 2011	*Journal of Inequalities and Applications, Article number 189, 2014* Chlodowsky variant of q-Bernstein-Schurer-Stancu operators	0.82	
7	C.V.Muraru, *Note on q-Bernstein-Schurer operators,* Studia UBB, Mathematica, LVI(2), 1-7, 2011	*Journal of Inequalities and Applications*, Article Number: 91 Published: MAR 7 2015 Chlodowsky-type q-Bernstein-Stancu-Kantorovich operators,	0.82	
8	C.V.Muraru, *Note on q-Bernstein-Schurer operators,* Studia UBB, Mathematica, LVI(2), 1-7, 2011	*Journal of Inequalities and Applications*, Article number 249, December 2015 Some approximation results on Bernstein-Schurer operators defined by (p,q)-integers	0.82	

9	C.V.Muraru, *Note on q-Bernstein-Schurer operators,* Studia UBB, Mathematica, LVI(2), 1-7, 2011	*Journal of Inequalities and Applications,* Article number 190, 2016 On (p,q)-analogue of two parametric Stancu-Beta operators	0.82	
10	C.V.Muraru, *Note on q-Bernstein-Schurer operators,* Studia UBB, Mathematica, LVI(2), 1-7, 2011	*Applied Mathematics and Computation,* Volume 269, 15 October 2015, GBS operators of Bernstein–Schurer–Kantorovich type based on *q*-integers,	1.34	
11	Nechita E., Muraru C.V, Talmaciu M, *A bayesian approach for the assessment of risk probability. Case study for digital risk probability,* Environmental Engineering and Management Journal, 11(12), 2249-2256, 2012	*Environmental Engineering and Management Journal,* Vol 12 (4), 719-726, 2013 Metric and Non-Metric Cameras Calibration for the Improvement of Real-Time Monitoring Process Results**.**	1.008	
12	Nechita E., Muraru C.V, Talmaciu M, *A bayesian approach for the assessment of risk probability. Case study for digital risk probability,* Environmental Engineering and Management Journal, 11(12), 2249-2256, 2012	*Environmental Engineering and Management Journal,* 12(11), 2203-2210, 2013 Indicators for the assessment of exposure to geomorphologic and hydrologic processes	1.008	
13	Nechita E., Muraru C.V, Talmaciu M, *A bayesian approach for the assessment of risk probability. Case study for digital risk probability,* Environmental Engineering and Management Journal, 11(12), 2249-2256, 2012	*Environmental Engineering and Management Journal,* 13(6), 1371-1376, 2014 Rationale and criteria development for risk assessment tool selection in work environments	1.008	
14	C.V. Muraru, *On a Problem of Fitting Data Using Bezier Curves,* Broad Research in Artificial Intelligence and Neuroscience, Volume 1, Issue 2 , April 2010, ISSN 2067-3957 ,127-132	*Environmental Engineering and Management Journal,* 11(12), 2169-2174, 2012 Risk Assessment for incoherent data	1,008	

15	C.V.Muraru, *Note on q-Bernstein-Schurer operators,* Studia UBB, Mathematica, LVI(2), 1-7, 2011	*Journal of inequalities and applications,* Article no 465, 2014 Statistical approximation of modified Schurer-type q-Bernstein Kantorovich operators	0.82	
16	Ana-Maria Acu, <u>Carmen Violeta Muraru</u>, Daniel Florin Sofonea, Voichita Adriana Radu, *Some approximation properties of a Durrmeyer variant of q-Bernstein–Schurer operators,* Mathematical Methods in the Applied Sciences, 39 (18), 5636-5650, 2016	*Applied Mathematics and Computation,* vol 275, 372-385, 2016 q− Bernstein–Schurer–Durrmeyer type operators for functions of one and two variables	1.34	
17	C.V.Muraru, *Note on q-Bernstein-Schurer operators,* Studia UBB, Mathematica, LVI(2), 1-7, 2011	*Journal of Inequalities and Applications,* Article number 211, 2015 Approximation properties of q-Kantorovich-Stancu operator	0.82	
18	C.V.Muraru, *Note on q-Bernstein-Schurer operators,* Studia UBB, Mathematica, LVI(2), 1-7, 2011	*Applied Mathematics and Computation,* Vol 275, 372-385, 2016 q− Bernstein–Schurer–Durrmeyer type operators for functions of one and two variables	1.34	
19	C.V.Muraru, *Note on q-Bernstein-Schurer operators,* Studia UBB, Mathematica, LVI(2), 1-7, 2011	*Mathematical Methods in the Applied Sciences,* DOI: 10.1002/mma.4418, 2017 Kantorovich variant of a new kind of q-Bernstein–Schurer operators	1.002	
	TOTAL	**C=19**		

Bacău, 16.05.2017

Semnătura candidatului,
Popescu (Muraru) Carmen-Violeta

Preşedinte

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Membri

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