

Universitatea Lucian Blaga din Sibiu
 Facultatea de Stiințe
 Departamentul de Matematică și Informatică
 Conf. dr. ACU Ana Maria

Fișa de verificare a îndeplinirii standardelor naționale

Standarde minimale Comisia Matematică (O.M. 6560/2012):

Punctaj standarde naționale: I=7.105, I_{recent}= 6.287, C=22

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

Nr. Crt.	Articol, referință bibliografică	Publicat în ultimii 7 ani	Factor de impact (fi)	Nr. Autori (ni)	fi/ni
1	A.M. Acu , I. Rasa, <i>New estimates for the differences of positive linear operators</i> , Numerical Algorithms, ISSN: 1017-1398, DOI: 10.1007/s11075-016-0117-8	X	1.417	2	0.7085
2	A.M. Acu , C. Muraru, V. Radu, F. Sofonea, <i>Some approximation properties of a Durrmeyer variant of q-Bernstein–Schurer operators</i> , Mathematical Methods in the Applied Sciences, ISSN: 0170-4214, DOI: 10.1002/mma.3949	X	0.918	4	0.2295
3	A.M. Acu , <i>Properties and applications of P_n-simple functionals</i> , Positivity, ISSN: 1385-1292, DOI 10.1007/s11117-016-0420-6	X	0.679	1	0.679
4	A.M. Acu , Heiner Gonska, <i>Composite Bernstein Cubature</i> , Banach Journal of Mathematical Analysis, ISSN: 1735-8787, Vol. 10, No.2, 235-250, 2016	X	1.050	2	0.525
5	Shin Min Kang, A.M. Acu , Arif Rafiq, Young Chel Kwun, <i>Approximation properties of q-Kantorovich-Stancu operator</i> , Journal of Inequalities and Applications, ISSN: 1029-242X, Article Number: 211 Published: JUN 27 2015	X	0.773	4	0.1932
6.	Ana Maria Acu, Carmen Muraru, <i>Approximation Properties of Bivariate Extension of q-Bernstein-Schurer-Kantorovich operators</i> , Results in Mathematics, ISSN: 1422-6383, 67(3-4), 2015, 265-279	X	0.864	2	0.432
7.	A.M. Acu , <i>Stancu-Schurer-Kantorovich operators based on q-integers</i> , Applied Mathematics and Computation, ISSN: 0096-3003, 259(2015), 896-907	X	1.551	1	1.551

8	A.M. Acu , <i>Improvement of Gruss and Ostrowski Type Inequalities</i> , ISSN: 0354-5180, Filomat, 29:9, 2015, 2027-2035	X	0.638	1	0.638
9	A.M. Acu , M.D. Rusu, <i>New results concerning Chebyshev-Gruss-type inequalities via discrete oscillations</i> , Applied Mathematics and Computation, ISSN: 0096-3003 , 243(2014), 585-593	X	1.551	2	0.7755
10	A.M. Acu , D.F. Sofonea, <i>Some numerical integration methods based on interpolation polynomials</i> , Carpathian Journal of Mathematics, ISSN: 1584-2851, 29(2013), No. 1, 1-8.	X	0.792	2	0.396
11	C. Boitor, A. Fratila, L. Stanciu, A. Pitic, A.M. Acu , <i>Socio-economic factors and hygienic food-illness involved in determining dental caries of 12-year-old children in rural and urban area</i> , Review of research and social intervention (Revista de cercetare și intervenție socială), ISSN: 1583-3410 , 2011, vol.33, 167-177.	X	0.798	5	0.1596
12	A.M. Acu and H. Gonska, <i>Ostrowski-type inequalities and moduli of smoothness</i> , Results in Mathematics, ISSN: 1422-6383, Volume 53, No. 3-4, July 2009, 217-228.		0.864	2	0.432
13	A.M. Acu , M. Acu , <i>Gauss-Lobatto formulae and extremal problems with polynomials</i> , Journal of Inequalities and Applications , Volume 2008, Article ID 624989, 10 pages.		0.773	2	0.3865
	Total			I=	7.1058
				I_{recent}=	6.2873

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
1	A.M. Acu , H. Gonska, I. Raşa, Grüss-type and Ostrowski-type inequalities in approximation theory, Ukrainian Mathematical Journal, volume 63, issue 6, year 2011, 843 – 864	G. Tachev, On multiplicativity of the Bernstein operator, Computers & Mathematics with Applications, Volume 62, Issue 8, October 2011, pp. 3236–3240	1.697
2	A.M. Acu , H. Gonska, I. Raşa, Grüss-type and Ostrowski-type inequalities in approximation theory, Ukrainian Mathematical Journal, volume 63, issue 6, year 2011, 843 – 864	B. Gavrea, Improvement of some inequalities of Chebysev-Grüss type, Computers & Mathematics with Applications 64 (2012), no. 6, pp. 2003-2010	1.697
3	A.M. Acu , H. Gonska, I. Raşa, Grüss-type and Ostrowski-type inequalities in approximation theory, Ukrainian Mathematical Journal, volume 63, issue 6, year 2011, 843 – 864	I Gavrea, G. Tachev, On the multiplicativity of linear operators, Journal of Mathematical Analysis and Applications, volume 408, issue 1, year 2013, pp. 203 – 208.	1.120
4	A.M. Acu , H. Gonska, I. Raşa, Grüss-type and Ostrowski-type inequalities in approximation theory, Ukrainian Mathematical Journal, volume 63, issue 6, year 2011, 843 – 864	Nicușor Minculete, Loredana Ciurdariu, A generalized form of Grüss type inequality and other integral inequalities, Journal of Inequalities and Applications 2014, 2014:119	0.773
5	A.M. Acu , H. Gonska, I. Raşa, Grüss-type and Ostrowski-type inequalities in approximation theory, Ukrainian Mathematical Journal, volume 63, issue 6, year 2011, 843 – 864.	T. Acar, Asymptotic Formulas for Generalized Szász–Mirakyan Operators, Applied Mathematics and Computation 263 (2015) 233–239	1.551
6	A.M. Acu , H. Gonska, I. Raşa, Grüss-type and Ostrowski-type inequalities in approximation theory, Ukrainian Mathematical Journal, volume 63, issue 6, year 2011, 843 – 864.	I. Rasa, Entropies and Heun functions associated with positive linear operators, Applied Mathematics and Computation, Volume 268, 1 October 2015, Pages 422–431	1.551
7	A.M. Acu , H. Gonska, I. Raşa, Grüss-type and Ostrowski-type inequalities in approximation theory, Ukrainian Mathematical Journal, volume 63, issue 6, year 2011, 843 – 864.	G. Ulusoy, T. Acar, q-Voronovskaya type theorem for q-Baskakov operators, Mathematical Methods in the Applied Sciences, November 2015, DOI: 10.1002/mma.3784	0.918

8	A.M. Acu , H. Gonska, Ostrowski-type inequalities and moduli of smoothness, Results in Mathematics, Volume 53, No. 3-4, July 2009, 217-228	H. Gonska, I. Rasa, M.D. Rusu, Generalized Ostrowski-Grüss Type Inequalities, Results in Mathematics 62(2012), 311-318	0.864
9	G. Boitor, A. Fratila, L. Stanciu, A. Pitic, A.M. Acu , Socio-economic factors and hygienic food-illness involved in determining dental caries of 12-yearold children in rural and urban area., Revista de cercetare si interventie sociala, 33, 2011, 167-177.	A. Murariu, S. C. Hanganu, Family influences on adolescent's oral health behaviour and sugar consumption, Revista de cercetare si interventie socială, 2013, vol. 41, pp. 60-76	0.798
10	G. Boitor, A. Fratila, L. Stanciu, A. Pitic, A.M. Acu , Socio-economic factors and hygienic food-illness involved in determining dental caries of 12-yearold children in rural and urban area., Revista de cercetare si interventie sociala, 33, 2011, 167-177.	A. Fratila, A. Pitic, I. Moisil, A. Fleancu, Dentist software application in children caries prophylaxis, Revista de cercetare si interventie socială, 2013, vol. 41, pp. 118-128	0.798
11	A. Rafiq, Q.Shahbaz, A.M. Acu , The generalized Cebysev type inequality, Sci. Stud. Res. Ser. Math. Inform. 19, 1(2009), 195-200.	P.Cerone, S.S. Dragomir, Some new Ostrowski type bounds for Cebysev functional and applications, Journal of Mathematical Inequalities, Volume 8, Number 1 (2014), 159–170.	0.632
12	A.M. Acu , D.F. Sofonea, Some numerical integration methods based on interpolation polynomials, Carpathian J., 29(2013), No. 1, pg.1-8.	D. Bărbosu, G. Ardelean, The Bernstein quadrature formula revised, Carpathian Journal of Mathematics, No.3, 2014, 275 - 282	0.792
13	A.M. Acu , H. Gonska, I. Raşa, Grüss-type and Ostrowski-type inequalities in approximation theory, Ukrainian Mathematical Journal, volume 63, issue 6, year 2011, 843 – 864.	T. Acar, A. Aral, I. Rasa, The new forms of Voronovskaya's theorem in weighted space, Positivity, Positivity, March 2016, Volume 20, Issue 1, pp 25-40, DOI 10.1007/s11117-015-0338-4	0.679
14	A.M. Acu , D.F. Sofonea, On an inequality of Ostrowski type, Journal of Science and Arts, No. 3(16), 2011, 281-287.	P. Cerone, S. Dragomir, E Kinkiaty, Ostrowski and trapezoid type inequalities related to Pompeiu's mean value theorem, Journal of Mathematical Inequality, vol 9, no.3, 2015, p. 739-762	0.632
15	A.M. Acu , F. Sofonea, A. Babos, The mean value theorems and inequalities of Ostrowski type, Scientific Studies and Research Series Mathematics and Informatics Vol. 21 (2011), No. 1, 5 – 16.	P. Cerone, S. Dragomir, E Kinkiaty, Ostrowski and trapezoid type inequalities related to Pompeiu's mean value theorem, Journal of Mathematical Inequality, vol 9, no.3, 2015, p. 739-762	0.632

16	A.M. Acu , F. Sofonea, A. Babos, The mean value theorems and inequalities of Ostrowski type, Scientific Studies and Research Series Mathematics and Informatics Vol. 21 (2011), No. 1, 5 – 16.	S. Erden, M.Z. Sarikaya, Generalized Pompeiu type inequalities for local fractional integrals and its applications, Applied Mathematics and Computations, Vol. 274, 2016, 282-291.	1.551
17	A. Rafiq, A.M. Acu , A new implicit iteration process for two strongly pseudocontractive mappings, Creat. Math. Inform., 21 (2012), No. 2, 197–201	V. Berinde, Convergence theorems for fixed point iterative methods defined as admissible perturbations of a nonlinear operator, Carpathian J. Math. 29 (2013), No. 1, 9 – 18	0.792
18	A. Rafiq, A.M. Acu , A new implicit iteration process for two strongly pseudocontractive mappings, Creat. Math. Inform., 21 (2012), No. 2, 197–201	V Berinde, AR Khan, M Păcurar, Coupled solutions for a bivariate weakly nonexpansive operator by iterations, Fixed Point Theory and Applications, December 2014, 2014:149	2.5
19	A.M. Acu , M.D. Rusu, New results concerning Chebyshev – Grüss- type inequalities via discrete oscillations, Applied Mathematics and Computation, Volume 243, 15 September 2014, 585–593	I. Rasa, Entropies and Heun functions associated with positive linear operators, Applied Mathematics and Computation, Volume 268, 1 October 2015, Pages 422–431	1.551
20	C. Muraru, A.M. Acu , Some approximation properties of q -Durrmeyer-Schurer operators, Scientific Studies and Research Series Mathematics and Informatics, 23(1), 2013, 77-84.	A. Kajla, N. Ispir, P.N. Agrawal, M. Goyal, q -Bernstein-Schurer-Durrmeyer type operators for functions of one and two variables, Applied Mathematics and Computation, 275, February 2016, 372-385	1.551
21	A.M. Acu , C.V. Muraru, D.F. Sofonea, V.A. Radu, Some approximation properties of a Durrmeyer, variant of q -Bernstein-Schurer operators, DOI: 10.13140/RG.2.1.3541.9681	A. Kajla, N. Ispir, P.N. Agrawal, M. Goyal, q -Bernstein-Schurer-Durrmeyer type operators for functions of one and two variables, Applied Mathematics and Computation, 275, February 2016, 372-385	1.551
22	A.M. Acu , A. Babos, Some Optimal Quadrature Formulas and Error Bounds, Appl. Math. Inf. Sci. 6, No. 1, pp.429-437, 2012.	Wei-Feng Guoa, Jian Zhoua, Chih-Lang Yua, Sang-Bing Tsaiabc, You-Zhi Xuea, Quan Chenb, Jiann-Jong Guod, Po-Yu Huange & Chia-Huei Wuf, Evaluating the green corporate social responsibility of manufacturing corporations from a green industry law perspective,	1.477

		International Journal of Production Research, Volume 53, Issue 2, 2015, 665-674.	
	TOTAL	C=22	

Sibiu, 24.05.2016

Semnătura,

