

Decan,

Prof.dr.ing. Liviu Cristian MICLEA

Director Departament MATEMATICĂ,

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AVIZ ÎNDEPLINIRE STANDARDE MINIMALE

In urma analizei dosarului de concurs depus de candidatul/a HOLHOȘ ARIAN pentru postul CONFERENTIAR din Statul de funcții al Departamentului de MATEMATICĂ.

Comisia de analiză apreciază că SUNT/NU SUNT îndeplinite standardele minime pentru participarea la concurs.

Motivatie (doar în cazul în care nu sunt îndeplinite standardele minime)

Comisia de analiză:

Prof.dr.ing. Mihaela DINSOREANU

Prof.dr.ing. Eva DULF

Conf.dr.mat. Daniela Ioana INOAN

FIŞA DE VERIFICARE

**A ÎNDEPLINIRII STANDARDELOR MINIMALE
PENTRU CONFERENȚIAR UNIVERSITAR**

CONFORM OM 6129/20.12.2016

CANDIDAT: LECT. UNIV. DR. ADRIAN HOLHOŞ

POST: CONFERENȚIAR UNIVERSITAR 17,

DEPARTAMENTUL DE MATEMATICĂ

FACULTATEA DE AUTOMATICĂ ŞI CALCULATOARE

UNIVERSITATEA TEHNICĂ DIN CLUJ-NAPOCA

	SCOR CANDIDAT	STANDARD MINIMAL
PUNCTAJ LUCRĂRI	6.9965	2.5
PUNCTAJ LUCRĂRI RECENTE	4.9775	1.5
CITĂRI	22	6

Punctaj lucrări publicate până în prezent în reviste ISI având SRI \geq 0.5 în ultimii 5 ani (2014-2018)

Nr. crt.	Articol	Recent (2012-2018)	SRI maxim (an SRI max)	Nr autorii	SRI/Autori
1	A. Holhoş, Uniform approximation of functions by Meyer-Konig and Zeller operators, <i>Journal of Mathematical Analysis and Applications</i> , vol. 393, nr. 1, 2012, 33-37.	DA	1.168 (2014)	1	1.168
2	A. Holhoş, D. Roşa, An octahedral equal area partition of the sphere and near optimal configurations of points, <i>Computers & Mathematics with Applications</i> , vol. 67, nr. 5, 2014, 1092-1107.	DA	1.153 (2018)	2	0.5765
3	A. Holhoş, D. Roşa, Area preserving maps and volume preserving maps between a class of polyhedrons and a sphere, <i>Advances in Computational Mathematics</i> , vol. 43, nr. 4, 2017, 677-697.	DA	1.915 (2014)	2	0.9575
4	A. Holhoş, Weighted Approximation of Functions by Meyer-Konig and Zeller Operators of Max-Product Type, <i>Numerical Functional Analysis and Optimization</i> , vol. 39, nr. 6, 2018, 689-703.	DA	0.733 (2018)	1	0.733
5	A. Holhoş, Quantitative Estimates of Voronovskaya Type in Weighted Spaces, <i>Results in Mathematics</i> , 2018, 73:53.	DA	0.689 (2016)	1	0.689
6	A. Holhoş, Weighted approximation of functions by Favard operators of max-product type, <i>Periodica Mathematica Hungarica</i> , vol. 77, nr. 2, 2018, 340-346.	DA	0.585 (2016)	1	0.585
7	A. Holhoş, D. Roşa, Uniform refinable 3D grids of regular convex polyhedrons and balls, <i>Acta Mathematica Hungarica</i> , vol. 156, nr. 1, 2018, 182-193.	DA	0.537 (2018)	2	0.2685
8	A. Holhoş, Voronovskaya theorem for a sequence of positive linear operators related to squared Bernstein polynomials, <i>Positivity</i> , 2018, (https://doi.org/10.1007/s11117-018-0625-y)	NU	0.787 (2018)	1	0.787
9	A. Holhoş, Approximation of functions by some exponential operators of max-product type, <i>Studia Scientiarum Mathematicarum Hungarica</i> , vol. 56, nr. 1, 2019, 94-102.	NU	0.543 (2014)	1	0.543
10	A. Holhoş, A Voronovskaya-Type Theorem for the First Derivatives of Positive Linear Operators, <i>Results in Mathematics</i> 2019, 74:76.	NU	0.689 (2016)	1	0.689

Citări în reviste ISI având SRI >=0.5 în ultimii 5 ani (2014-2018)

Nr. crt	Articol citat	Revista ISI și articolul care citează	SRI maxim (an SRI max)
1	A. Holhoș, Quantitative estimates for positive linear operators in weighted spaces, Gen. Math., vol. 16, nr. 4, 2008, 99-110.	E. Tas, T. Yurdakadim, O.G. Atlihan, Korovkin Type Approximation Theorems In Weighted Spaces Via Power Series Method, Operators and Matrices, vol. 12, nr. 2, 2018, 529-535 DOI: 10.7153/oam-2018-12-32	0.696 (2018)
2		A. Aral, G. Ulusoy, E. Deniz, A new construction of Szasz-Mirakyan operators, Numerical Algorithms, vol. 77, nr. 2, 2018, 313-326 DOI: 10.1007/s11075-017-0317-x	1.193 (2016)
3		O.G. Atlihan, M. Unver, O. Duman, Korovkin Theorems on weighted spaces: revisited, Periodica Mathematica Hungarica, vol. 75, nr. 2, 2017, 201-209 DOI: 10.1007/s10998-017-0187-y	0.585 (2016)
4		T. Acar, G. Ulusoy, Approximation by modified Szasz-Durrmeyer operators, Periodica Mathematica Hungarica, vol. 72, nr. 1, 2016, 64-75 DOI: 10.1007/s10998-015-0091-2	0.585 (2016)
5		T. Acar, A. Aral, I. Rasa, The new forms of Voronovskaya's theorem in weighted spaces, Positivity, vol. 20, nr. 1, 2016, 25-40 DOI: 10.1007/s11117-015-0338-4	0.787 (2018)
6		A. Ercenin, I. Rasa, Voronovskaya Type Theorems in Weighted Spaces, Numerical Functional Analysis and Optimization, vol. 37, nr. 12, 2016, 1517-1528 DOI: 10.1080/01630563.2016.1219743	0.733 (2018)
7	O. Agratini, A sequence of positive linear operators associated with an approximation process, Applied Mathematics and Computation, vol. 269, 2015, 23-28 DOI: 10.1016/j.amc.2015.07.043		
8	A. Olgun, F. Tasdelen, A. Ercenin, A generalization of Jain's operators, Applied Mathematics and Computation, vol. 266, 2015, 6-11 DOI: 10.1016/j.amc.2015.05.060		
9	T. Acar, Asymptotic Formulas for Generalized Szasz-Mirakyan Operators, Applied Mathematics and Computation, vol. 263, 2015, 233-239 DOI: 10.1016/j.amc.2015.04.060		0.97 (2018)
10	A. Aral, D. Inoan, I. Rasa, On the Generalized Szasz-Mirakyan Operators, Results in Mathematics, vol. 65, nr. 3-4, 2014, 441-452 DOI: 10.1007/s00025-013-0356-0		0.689 (2016)

Nr. crt	Articol citat	Revista ISI și articolul care citează	SRI maxim (an SRI max)
11	A. Holhoș, The rate of approximation of functions in an infinite interval by positive linear operators, Stud. Univ. "Babeș-Bolyai" Math., vol. 55, nr. 2, 2010, 133-142.	V. Gupta, A.M. Acu, On Baskakov-Szasz-Mirakyan-type operators preserving exponential type functions, Positivity, vol. 22, nr. 3, 2018, 919-929, DOI: 10.1007/s11117-018-0553-x	0.787 (2018)
12		V. Gupta, A. Aral, A note on Szasz-Mirakyan-Kantorovich type operators preserving $e(-x)$, Positivity, vol. 22, nr. 2, 2018, 415-423, DOI: 10.1007/s11117-017-0518-5	0.787 (2018)
13		E. Deniz, A. Aral, V. Gupta, Note on Szasz-Mirakyan-Durrmeyer Operators Preserving $e(2ax)$, $a > 0$, Numerical Functional Analysis and Optimization, vol. 39, nr. 2, 2018, 201-207, DOI: 10.1080/01630563.2017.1358179	0.733 (2018)
14		F. Altomare, M. Cappelletti Montano, V. Leonessa, On a Generalization of Szasz-Mirakjan-Kantorovich Operators, Results in Mathematics, vol. 63, nr. 3-4, 2013, 837-863, DOI: 10.1007/s00025-012-0236-z	0.689 (2016)
15		V. Gupta, G. Tachev, On Approximation Properties of Phillips Operators Preserving Exponential Functions, Mediterranean Journal of Mathematics, 2017, 14:177, DOI: 10.1007/s00009-017-0981-z	0.69 (2014)
16		T. Acar, A. Aral, H. Gonska, On Szasz-Mirakyan Operators Preserving $e(2ax)$, $a > 0$, Mediterranean Journal of Mathematics, 2017, 14:6, DOI: 10.1007/s00009-016-0804-7	0.69 (2014)
17	A. Holhoș, Weighted Approximation of Functions by Meyer-Konig and Zeller Operators of Max-Product Type, Numerical Functional Analysis and Optimization, vol. 39, nr. 6, 2018, 689-703.	L. Coroianu, D. Costarelli, S.G. Gal, G. Vinti, The max-product generalized sampling operators: convergence and quantitative estimates, Applied Mathematics and Computation, vol. 355, 2019, 173-183, DOI: 10.1016/j.amc.2019.02.076	0.97 (2018)
18		L. Coroianu, S.G. Gal, Approximation by truncated max-product operators of Kantorovich-type based on generalized (phi, psi)-kernels, Mathematical Methods in the Applied Sciences, vol. 41, nr. 17, 2018, 7971-7984, DOI: 10.1002/mma.5262	0.902 (2014)
19	A. Holhoș, Uniform approximation of functions by Meyer-Konig and Zeller operators, J. Math. Anal. Appl., vol. 393, nr. 1, 2012, 33-37.	M.A. Ozarslan, New Korovkin Type Theorem for Non-Tensor Meyer-Konig and Zeller Operators, Results in Mathematics, vol. 69, nr. 3-4, 2016, 327-343, DOI: 10.1007/s00025-015-0472-0	0.689 (2016)

Nr. crt	Articol citat	Revista ISI și articolul care citează	SRI maxim (an SRI max)
20	A. Holhoș, D. Roșca, An octahedral equal area partition of the sphere and near optimal configurations of points,	J. Yan, X. Song, G.H. Gong, Averaged ratio between complementary profiles for evaluating shape distortions of map projections and spherical hierarchical tessellations, Computers & Geosciences, vol. 87, 2016, 41-55, DOI: 10.1016/j.cageo.2015.11.009	1.539 (2018)
21	Comput. Math. Appl., vol. 67, nr. 5, 2014, 1092-1107.	A. Mahdavi-Amiri, T. Alderson, F. Samavati, A Survey of Digital Earth, Computers & Graphics-UK, vol. 53, 2015, 95-117, DOI: 10.1016/j.cag.2015.08.005	1.403 (2014)
22		J.S. Brauchart, P.J. Grabner, Distributing many points on spheres: Minimal energy and designs, Journal of Complexity, vol. 31, nr. 3, 2015, 293-326, DOI: 10.1016/j.jco.2015.02.003	2.663 (2015)

Cluj-Napoca

25.05.2019

Semnătura,

Lect. Dr. Adrian Holhos

