

FIȘA DE VERIFICARE
A ÎNDEPLINIRII STANDARDELOR MINIMALE
PENTRU PROFESOR UNIVERSITAR
CONFORM OM 6129/20.12.2016

	SCOR CANDIDAT	STANDARD MINIMAL
PUNCTAJ LUCRĂRI	6.9845	5
PUNCTAJ LUCRĂRI RECENTE	5.8205	2.5
CITĂRI	50	12

Cluj-Napoca

05.02.2021

Semnătura,

Conf. Dr. Adrian Holhoș



Punctaj lucrări publicate până în prezent în reviste ISI având $SRI \geq 0.5$ în ultimile 5 liste

Nr. crt.	Articol	Recent (2013-19)	SRI maxim (an SRI max)	Nr autori	SRI/Autori
1	A. Holhoş, Uniform approximation of functions by Meyer-Konig and Zeller operators, J. Math. Anal. Appl., vol. 393, nr. 1, 2012, 33-37, ISSN: 0022-247X, DOI: 10.1016/j.jmaa.2012.03.060	NU	1.164 (2018)	1	1.164
2	D. Roşca, A. Holhoş, An octahedral equal area partition of the sphere and near optimal configurations of points, Comput. Math. Appl., vol. 67, nr. 5, 2014, 1092-1107, ISSN: 0898-1221, DOI: 10.1016/j.camwa.2014.01.003	DA	1.334 (2020)	2	0.667
3	A. Holhoş, D. Roşca, Area preserving maps and volume preserving maps between a class of polyhedrons and a sphere, Adv. Comput. Math., vol. 43, nr. 4, 2017, 677-697, ISSN: 1019-7168, DOI: 10.1007/s10444-016-9502-z	DA	1.809 (2016)	2	0.9045
4	A. Holhoş, Weighted Approximation of Functions by Meyer-Konig and Zeller Operators of Max-Product Type, Numer. Funct. Anal. Optim., vol. 39, nr. 6, 2018, 689-703, ISSN: 0163-0563, DOI: 10.1080/01630563.2017.1413386	DA	0.733 (2018)	1	0.733
5	A. Holhoş, Quantitative Estimates of Voronovskaya Type in Weighted Spaces, Results Math. 2018, 73:53, ISSN: 1422-6383, DOI: 10.1007/s00025-018-0814-9	DA	0.689 (2016)	1	0.689
6	A. Holhoş, Weighted approximation of functions by Favard operators of max-product type, Period. Math. Hungar., vol. 77, nr. 2, 2018, 340-346, ISSN: 0031-5303, DOI: 10.1007/s10998-018-0249-9	DA	0.616 (2020)	1	0.616
7	A. Holhoş, D. Roşca, Uniform refinable 3D grids of regular convex polyhedrons and balls, Acta Math. Hungar., vol. 156, nr. 1, 2018, 182-193, ISSN: 0236-5294, DOI: 10.1007/s10474-018-0855-2	DA	0.632 (2019)	2	0.316
8	A. Holhoş, Voronovskaya theorem for a sequence of positive linear operators related to squared Bernstein polynomials, Positivity, vol. 23, nr. 3, 2019, 571-580, ISSN: 1385-1292, DOI: 10.1007/s11117-018-0625-y	DA	0.787 (2018)	1	0.787
10	A. Holhoş, A Voronovskaya-Type Theorem for the First Derivatives of Positive Linear Operators, Results Math. 2019, 74:76, ISSN: 1422-6383, DOI: 10.1007/s00025-019-0992-0	DA	0.689 (2016)	1	0.689
11	A. Holhoş, D. Roşca, Volume Preserving Maps Between p-Balls, Symmetry, vol. 11, nr. 11, 2019, 12 pp, ISSN: 2073-8994, DOI: 10.3390/sym11111404	DA	0.838 (2016)	2	0.419

Citări în reviste ISI având SRI ≥ 0.5 în ultimile 5 liste

Nr. crt	Articol citat	Revista ISI și articolul care citează	SRI maxim (an SRI max)
1	A. Holhoş, Quantitative estimates for positive linear operators in weighted spaces, Gen. Math., vol. 16, nr. 4, 2008, 99-110.	M. Qasim, A. Khan, Z. Abbas, Q.B. Cai, A new construction of Lupas operators and its approximation properties, Advances in Difference Equations, vol 2021, no. 1, 2021, 51, ISSN: 1687-1847, DOI: 10.1186/s13662-020-03143-5	0.503 (2020)
2		F. Usta, Approximation of functions by a new construction of Bernstein-Chlodowsky operators: Theory and applications, Numerical Methods for partial differential equations, vol. 37, nr. 1, 2021, 782-795, ISSN: 0749-159X, DOI: 10.1002/num.22552	1.118 (2019)
3		B. Yilmaz, D.A. Ari, A note on the modified Picard integral operators, Mathematical Methods in Applied Sciences, 2020, ISSN: 0170-4214, DOI: 10.1002/mma.6360	0.812 (2016)
4		M. Ahasan, M. Mursaleen, Generalized Szasz-Mirakjan type operators via q-calculus and approximation properties, Applied Mathematics and Computation, 371, 2020, ISSN: 0096-3003, DOI: 10.1016/j.amc.2019.124916	1.048 (2020)
5		G. U. Ada, Asymptotic formulas for generalized Baskakov-Durrmeyer operators, Mathematical Methods in Applied Sciences, vol. 42, 18, 2019, 7528-7536, ISSN: 0170-4214, DOI: 10.1002/mma.5884	0.812 (2016)
6		S. Yildiz, F. Dirik, K. Demirci, Korovkin type approximation theorem via K_a -convergence on weighted spaces, Mathematical Methods in Applied Sciences, vol. 42, 16, 2019, 5371-5382, ISSN: 0170-4214, DOI: 10.1002/mma.5391	0.812 (2016)
7		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, ISSN: 1846-3886, DOI: 10.7153/oam-2018-12-32	0.696 (2017)
8		A. Aral, G. Ulusoy, E. Deniz, A new construction of Szasz-Mirakyan operators, Numerical Algorithms, vol. 77, nr. 2, 2018, 313-326, ISSN: 1017-1398, DOI: 10.1007/s11075-017-0317-x	1.231 (2019)
9		O.G. Atlihan, M. Unver, O. Duman, Korovkin Theorems on weighted spaces: revisited, Periodica Mathematica Hungarica, vol. 75, nr. 2, 2017, 201-209, ISSN: 0031-5303, DOI: 10.1007/s10998-017-0187-y	0.616 (2020)

Nr. crt	Articol citat	Revista ISI și articolul care citează	SRI maxim (an SRI max)
10		T. Acar, G. Ulusoy, Approximation by modified Szasz-Durrmeyer operators, Periodica Mathematica Hungarica, vol. 72, nr. 1, 2016, 64-75, ISSN: 0031-5303, DOI: 10.1007/s10998-015-0091-2	0.616 (2020)
11		T. Acar, A. Aral, I. Rasa, The new forms of Voronovskaya's theorem in weighted spaces, Positivity, vol. 20, nr. 1, 2016, 25-40, ISSN: 1385-1292, DOI: 10.1007/s11117-015-0338-4	0.787 (2018)
12		A. Erencin, I. Rasa, Voronovskaya Type Theorems in Weighted Spaces, Numerical Functional Analysis and Optimization, vol. 37, nr. 12, 2016, 1517-1528, ISSN: 0163-0563, DOI: 10.1080/01630563.2016.1219743	0.733 (2018)
13		O. Agratini, A sequence of positive linear operators associated with an approximation process, Applied Mathematics and Computation, vol. 269, 2015, 23-28, ISSN: 0096-3003 DOI: 10.1016/j.amc.2015.07.043	1.048 (2020)
14		A. Olgun, F. Tasdelen, A. Erencin, A generalization of Jain's operators, Applied Mathematics and Computation, vol. 266, 2015, 6-11, ISSN: 0096-3003, DOI: 10.1016/j.amc.2015.05.060	1.048 (2020)
15		T. Acar, Asymptotic Formulas for Generalized Szasz-Mirakyan Operators, Applied Mathematics and Computation, vol. 263, 2015, 233-239, ISSN: 0096-3003, DOI: 10.1016/j.amc.2015.04.060	1.048 (2020)
16		A. Aral, D. Inoan, I. Rasa, On the Generalized Szasz-Mirakyan Operators, Results in Mathematics, vol. 65, nr. 3-4, 2014, 441-452, ISSN: 1422-6383, DOI: 10.1007/s00025-013-0356-0	0.689 (2016)
17	A. Holhoş, The rate of convergence of positive linear operators in weighted spaces, Automat. Comput. Appl. Math., vol. 17., nr. 2, 2008, 239-246.	T. Acar, M. Mursaleen, S.N. Deveci, Gamma operators reproducing exponential functions, Advances in difference equations, 2020, no. 1, 2020, 423, ISSN: 1687-1847, DOI: 10.1186/s13662-020-02880-x	0.503 (2020)
18		S.N. Deveci, T. Acar, O. Alagoz, Approximation by Gamma type operators, Mathematical Methods in the Applied Sciences, vol. 43, nr. 5, 2020, 2772-2782, ISSN: 0170-4214, DOI: 10.1002/mma.6083	0.812 (2016)

Nr. crt	Articol citat	Revista ISI și articolul care citează	SRI maxim (an SRI max)
19	A. Holhoş, The rate of approximation of functions in an infinite interval by positive linear operators, Stud. Univ. "Babeş-Bolyai" Math., vol. 55, nr. 2, 2010, 133-142.	O.G. Yilmaz, V. Gupta, A. Aral, A note on Baskakov-Kantorovich type operators preserving $e(-x)$, Mathematical Methods in the Applied Sciences, vol. 43, nr. 13, 2020, 7511-7517, ISSN: 0170-4214, DOI: 10.1002/mma.5337	0.812 (2016)
20		M. Sofyalioglu, K. Kanat, Approximation properties of the Post-Widder operators preserving $e2ax, a>0$, Mathematical Methods in the Applied Sciences, vol. 43, nr. 7, 2020, 4272-4285, ISSN: 0170-4214, DOI: 10.1002/mma.6192	0.812 (2016)
21		V. Gupta, Approximation with certain exponential operators, Revista de la Real Academia de Ciencias Exactas, Fisicas y Naturales. Serie A. Matematicas, vol 114:51, 2020, ISSN: 1578-7303, DOI: 10.1007/s13398-020-00792-9	0.757 (2020)
22		V. Gupta, A.M. Acu, On Baskakov-Szasz-Mirakyan-type operators preserving exponential type functions, Positivity, vol. 22, nr. 3, 2018, 919-929, ISSN: 1385-1292, DOI: 10.1007/s11117-018-0553-x	0.787 (2018)
23		V. Gupta, A. Aral, A note on Szasz-Mirakyan-Kantorovich type operators preserving $e(-x)$, Positivity, vol. 22, nr. 2, 2018, 415-423, ISSN: 1385-1292, DOI: 10.1007/s11117-017-0518-5	0.787 (2018)
24		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, ISSN: 0163-0563, DOI: 10.1080/01630563.2017.1358179	0.733 (2018)
25		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, ISSN: 1422-6383, DOI: 10.1007/s00025-012-0236-z	0.689 (2016)
26		V. Gupta, G. Tachev, On Approximation Properties of Phillips Operators Preserving Exponential Functions, Mediterranean Journal of Mathematics, 2017, 14:177, ISSN: 1660-5446, DOI: 10.1007/s00009-017-0981-z	0.666 (2020)
27		T. Acar, A. Aral, H. Gonska, On Szasz-Mirakyan Operators Preserving $e(2ax)$, $a>0$, Mediterranean Journal of Mathematics, 2017, 14:6, ISSN: 1660-5446, DOI: 10.1007/s00009-016-0804-7	0.666 (2020)

Nr. crt	Articol citat	Revista ISI și articolul care citează	SRI maxim (an SRI max)
28		T. Acar, M. Cappelletti Montano, P. Garrancho, V. Leonessa, On Bernstein-Chlodovsky operators preserving e^{-2x} , The Bulletin of the Belgian Mathematical Society — Simon Stevin, 26(5), 2019, 681-698, ISSN: 1370-1444, DOI: 10.36045/bbms/1579402817	0.565 (2018)
29	A. Holhoş, Uniform weighted approximation by positive linear operators, Stud. Univ. Babeş-Bolyai Math., vol. 56, nr. 3, 2011, 135-146	I. Gadjev, Weighted approximation by Baskakov operators, Mathematical Inequalities and Applications, 18(4), 2015, 1443-1461, ISSN: 1331-4343, DOI: 10.7153/mia-18-112	0.577 (2020)
30		J. Bustamante, Szász–Mirakjan–Kantorovich Operators Reproducing Affine Functions, Results in Mathematics, 75, 2020, 130, ISSN: 1422-6383, DOI: 10.1007/s00025-020-01256-7	0.689 (2016)
31	A. Holhoş, 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, ISSN: 1422-6383, DOI: 10.1007/s00025-015-0472-0	0.689 (2016)
32	A. Holhoş, D. Roşca, An octahedral equal area partition of the sphere and near optimal configurations of points, Comput. Math. Appl., vol. 67, nr. 5, 2014, 1092-1107.	B. Ulmer, J. Hall, F. Samavati, General Method for Extending Discrete Global Grid Systems to Three Dimensions, ISPRS International Journal of Geo-Information, 9(4), 2020, 233, ISSN: 2220-9964, DOI: 10.3390/ijgi9040233	0.611 (2018)
33		C. Beltran, U. Etayo, The Diamond ensemble: A constructive set of spherical points with small logarithmic energy, Journal of Complexity, vol. 59, 2020, 101471, ISSN: 0885-064X, DOI: 10.1016/j.jco.2020.101471	2.258 (2016)
34		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, ISSN: 0098-3004, DOI: 10.1016/j.cageo.2015.11.009	1.71 (2020)
35		A. Mahdavi-Amiri, T. Alderson, F. Samavati, A Survey of Digital Earth, Computers & Graphics-UK, vol. 53, 2015, 95-117, ISSN: 0097-8493, DOI: 10.1016/j.cag.2015.08.005	1.18 (2018)

Nr. crt	Articol citat	Revista ISI și articolul care citează	SRI maxim (an SRI max)
36		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, ISSN: 0885-064X, DOI: 10.1016/j.jco.2015.02.003	2.258 (2016)
37	A. Ceclan, A. Holhoş, D. D. Micu, S. Spinean, L. Czumbil, A. Andreotti, Lightning return stroke current reconstruction or vertical and variable channel shape, 2014 International Conference on Lightning Protection (ICLP), 11-18 Octombrie 2014, Shanghai, China, 2014, 1370-1375, ISBN: 978-1-4799-3544-4, DOI: 10.1109/ICLP.2014.6973344	Y. Fu, Q. Zhang, B. Yang, Waveform Reconstruction of Lightning Current Based on Output-Error Model and Finite-Difference Time-Domain Method, Earth and Science Space, vol. 8, no. 2, 2021, ISSN: 2333-5084, DOI: 10.1029/2020EA001311	2.109 (2018)
38	A. Holhoş, D. Roşca, Area preserving maps and volume preserving maps between a class of polyhedrons and a sphere, Adv. Comput. Math., vol. 43, nr. 4, 2017, 677-697	B. Ulmer, J. Hall, F. Samavati, General Method for Extending Discrete Global Grid Systems to Three Dimensions, ISPRS International Journal of Geo-Information, 9(4), 2020, 233, ISSN: 2220-9964, DOI: 10.3390/ijgi9040233	0.611 (2018)
39	A. Holhoş, 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, Approximation by multivariate max-product Kantorovich-type operators and learning rates of least-squares regularized regression, Communications on Pure and Applied Analysis, vol. 19, nr. 8, 2020, 4213-4225, ISSN: 1534-0392, DOI: 10.3934/cpaa.2020189	1.17 (2017)
40		T.Y. Gökçer, O. Duman, Approximation by max-min operators: A general theory and its applications, Fuzzy Sets and Systems, 394, 2020, 146-161, ISSN: 0165-0114, DOI: 10.1016/j.fss.2019.11.007	1.406 (2020)

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41		L. Coroianu, D. Costarelli, S.G. Gal, G. Vinti, Approximation by max-product sampling Kantorovich operators with generalized kernels, Analysis and Applications, vol. 19, no. 2, 2021, 219-244, ISSN: 0219-5305, DOI:10.1142/S0219530519500155	1.729 (2017)
42		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, ISSN: 0096-3003, DOI: 10.1016/j.amc.2019.02.076	1.048 (2020)
43		L. Coroianu, S.G. Gal, Approximation by truncated max-product operators of Kantorovich-type based on generalized (ϕ , ψ)-kernels, Mathematical Methods in the Applied Sciences, vol. 41, nr. 17, 2018, 7971-7984, ISSN: 0170-4214, DOI: 10.1002/mma.5262	0.812 (2016)
44	A. Holhoş, Quantitative Estimates of Voronovskaya Type in Weighted Spaces, Results in Mathematics, 2018, 73:53.	G. Başcanbaz-Tunca, A. Erençin, A. Olgun, Quantitative estimates for bivariate Stancu operators, Mathematical Methods in the Applied Sciences, vol. 42, nr. 16, 2019, 5241-5250, ISSN: 0170-4214, DOI: 10.1002/mma.5288	0.812 (2016)
45	A. Holhoş, D. Roşca, Uniform refinable 3D grids of regular convex polyhedrons and balls, Acta Math. Hungar., vol. 156, nr. 1, 2018, 182-193	B. Ulmer, J. Hall, F. Samavati, General Method for Extending Discrete Global Grid Systems to Three Dimensions, ISPRS International Journal of Geo-Information, 9(4), 2020, 233, ISSN: 2220-9964, DOI: 10.3390/ijgi9040233	0.611 (2018)
46	A. Holhoş, Weighted approximation of functions by Favard operators of max-product type, Periodica	L. Coroianu, D. Costarelli, S.G. Gal, G. Vinti, Approximation by multivariate max-product Kantorovich-type operators and learning rates of least-squares regularized regression, Communications on Pure and Applied Analysis, vol. 19, nr. 8, 2020, 4213-4225, ISSN: 1534-0392, DOI: 10.3934/cpaa.2020189	1.17 (2017)
47	Mathematica Hungarica, vol. 77, nr. 2, 2018, 340-346.	T.Y. Gökçer, O. Duman, Approximation by max-min operators: A general theory and its applications, Fuzzy Sets and Systems, 394, 2020, 146-161, ISSN: 0165-0114, DOI: 10.1016/j.fss.2019.11.007	1.406 (2020)

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48		L. Coroianu, D. Costarelli, S.G. Gal, G. Vinti, Approximation by max-product sampling Kantorovich operators with generalized kernels, Analysis and Applications, vol. 19, no. 2, 2021, 219-244, ISSN: 0219-5305, DOI:10.1142/S0219530519500155	1.729 (2017)
49	A. Holhoş, Approximation of functions by Favard-Szasz-Mirakyan operators of max-product type in weighted spaces, Filomat, vol. 32, nr. 7, 2018, 2567-2576.	T.Y. Gökçer, O. Duman, Approximation by max-min operators: A general theory and its applications, Fuzzy Sets and Systems, 394, 2020, 146-161, ISSN: 0165-0114, DOI: 10.1016/j.fss.2019.11.007	1.406 (2020)
50	A. Holhoş, Approximation of functions by some exponential operators of max-product type, Studia Scientiarum Mathematicarum Hungarica, vol. 56, nr. 1, 2019, 94-102	T.Y. Gökçer, O. Duman, Approximation by max-min operators: A general theory and its applications, Fuzzy Sets and Systems, 394, 2020, 146-161, ISSN: 0165-0114, DOI: 10.1016/j.fss.2019.11.007	1.406 (2020)