

## Fisa de verificare a standardelor minimale –Matematica

### LISTA

**lucrărilor publicate în reviste ISI cu factor de impact mai mare sau egal cu 0.5 (2013) pentru satisfacerea standardelor minimale pentru funcția de profesor universitar în domeniul Matematică (cf. OM 6560/20.12.2012 și 5648/13.12.2013) )  
necesare abilitării**

**conf.univ.dr. Nicolae Adrian Secelean**

**Punctaj: I=7,675, I recent=7,406, Citări: C=28**

Nr. crt.	Articol, referința bibliografică	Publicat în ultimii 7 ani	$f_i$ (2013)	$n_i$	$f_i/n_i$
1.	<b>N.A. Secelean</b> - <i>Generalized Iterated Function Systems on the space <math>l^\infty(X)</math></i> , Journal of Mathematical Analysis and Applications, <b>410</b> (15 feb. 2014) Issue:2, 847-858, DOI:10.1016/j.jmaa.2013.09.007 <a href="http://www.sciencedirect.com/science/article/pii/S0022247X13008196#">http://www.sciencedirect.com/science/article/pii/S0022247X13008196#</a> (extenso)	X	1,119	1	1,119
2.	E.C. Popa, <b>N.A. Secelean</b> - <i>Estimates for the constants of Landau and Lebesgue via some inequalities for the Wallis ratio</i> , Journal of Computational and Applied Mathematics, Vol. <b>269</b> (2014), 68-74, DOI: 10.1016/j.cam.2014.03.020 <a href="http://dx.doi.org/10.1016/j.cam.2014.03.020">http://dx.doi.org/10.1016/j.cam.2014.03.020</a> (extenso)	X	1.077	2	0.538
3.	<b>N.A. Secelean</b> - <i>Iterated Function Systems consisting of F-contractions</i> , Fixed Point Theory and Applications, 2013, 2013:277, DOI:10.1186/1687-1812-2013-277 <a href="http://www.fixedpointtheoryandapplications.com/content/2013/1/277">http://www.fixedpointtheoryandapplications.com/content/2013/1/277</a> (extenso)	X	2,486	1	2,486
4.	<b>N.A. Secelean</b> - <i>Invariant measure associated with a Generalized Countable Iterated Function System</i> , Mediterranean Journal of Mathematics, 2013, DOI 10.1007/s00009-013-0300-2 <a href="http://link.springer.com/article/10.1007%2Fs00009-013-0300-2">http://link.springer.com/article/10.1007%2Fs00009-013-0300-2</a> (extenso)	X	0,653	1	0,653

5.	L. Suciú , W. Majdak, <b>N.A. Secelean</b> - <i>Ergodic properties of operators in some semi-Hilbertian spaces</i> , Linear and Multilinear Algebra, vol. <b>61</b> , issue 2, 2013, p.139-159 DOI:10.1080/03081087.2012.667094 <a href="http://www.tandfonline.com/doi/abs/10.1080/03081087.2012.667094#.UjAul39DfXQ">http://www.tandfonline.com/doi/abs/10.1080/03081087.2012.667094#.UjAul39DfXQ</a> (extenso)	X	0,700	3	0,233
6.	<b>N.A. Secelean</b> - <i>The existence of the attractor of countable iterated function systems</i> , Mediterranean Journal of Mathematics, No. 1, Vol. <b>9</b> , 2012, pp. 61-79, DOI: 10.1007/s00009-011-0116-x, <a href="http://link.springer.com/article/10.1007%2Fs00009-011-0116-x#page-1">http://link.springer.com/article/10.1007%2Fs00009-011-0116-x#page-1</a> (extenso)	X	0,653	1	0,653
7.	<i>E.C. Popa, N.A. Secelean - On some inequality for the Landau constants</i> , Taiwanese Journal of Mathematics, Vol. <b>15</b> , No. <b>4</b> , August 2011, p. 1457-1462 <a href="http://journal.taiwanmathsoc.org.tw/index.php/TJM/article/view/5/5">http://journal.taiwanmathsoc.org.tw/index.php/TJM/article/view/5/5</a> (extenso)	X	0,658	2	0,329
8.	<b>N.A. Secelean</b> - <i>Continuous dependence on a parameter of the countable fractal interpolation Function</i> , Carpathian Journal of Mathematics, <b>27</b> , 2011, No.1, p.131-141 <a href="http://carpathian.ubm.ro/?m=past_issues">http://carpathian.ubm.ro/?m=past_issues</a> (extenso)	X	0,642	1	0,642
9.	<b>N.A. Secelean</b> - <i>Generalized countable iterated function systems</i> , Filomat, <b>25:1</b> (2011), p.21-36, DOI:10.2298/FIL1101021S <a href="http://operator.pmf.ni.ac.rs/www/pmf/publikacije/filomat/2011/F25-1-2011/F25-1-2.pdf">http://operator.pmf.ni.ac.rs/www/pmf/publikacije/filomat/2011/F25-1-2011/F25-1-2.pdf</a> (extenso)	X	0,753	1	0,753
10.	E. de Amo, I. Chişescu, M. Díaz Carrillo , <b>N.A. Secelean</b> - <i>A new approximation procedure for fractals</i> , Journal of Computational and Applied Mathematics, vol. <b>151</b> , Issue <b>2</b> , 2003, p.355-370 DOI: 10.1016/S0377-0427(02)00752-5 <a href="http://www.sciencedirect.com/science/article/pii/S0377042702007525">http://www.sciencedirect.com/science/article/pii/S0377042702007525</a> (extenso)		1,077	4	0,269
<b>Total:</b>			$I =$		<b>7.675</b>
			$I_{recent} =$		<b>7.406</b>

Standarde minime:  $I \geq 5$  și  $I_{recent} \geq 2.5$

## LISTA

**citărilor în reviste ISI cu factor de impact mai mare de 0.5 (2013), pentru satisfacerea standardelor minime pentru funcția de profesor universitar în domeniul Matematică (cf. OM 6560/20.12.2012 și 5648/13.12.2013) necesare abilitării**

**conf.univ.dr. Nicolae Adrian Secelean**

Nr. crt.	Articolul citat	Revista și articolul în care a fost citat	Fact. Imp. 2013
1.	E. de Amo, I. Chițescu, M. Díaz Carrillo, N.A. Secelean, <i>A new approximation procedure for fractals</i> , Journal of Computational and Applied Mathematics, vol. <b>151</b> , Issue <b>2</b> , 2003, p.355-370 DOI: 10.1016/S0377-0427(02)00752-5	Chitescu I, H Georgescu, R Miculescu, <a href="#">Approximation of infinite dimensional fractals generated by integral equations</a> , <a href="#">Journal of Computational and Applied Mathematics</a> , Volume: <b>234</b> Issue: 5 Pages: 1417-1425 DOI: 10.1016/j.cam.2010.02.017 Published: JUL 1 2010 ( <a href="#">extenso</a> )	<b>1.077</b>
2.	Secelean, NA, <i>Any compact subset of a metric space is the attractor of a CIFS</i> , Bull. Math. Soc. Sci. Math. Roum., Nouv. Sér <b>44</b> (92), 237-241 (2001)	R. Miculescu and L. Ioana: <a href="#">Some connections between the attractors of an IIFS S and the attractors of the sub-IIFSs of S</a> . Fixed Point Theory and Applications 2012 2012:141, DOI:10.1186/1687-1812-2012-141 ( <a href="#">extenso</a> )	<b>2.486</b>
3.	N.A. Secelean, <i>The existence of the attractor of countable iterated function systems</i> , Mediterranean Journal of Mathematics, No. 1, Vol. <b>9</b> (2012), pp. 65-84	R. Miculescu, A. Mihail, <a href="#">Alternative characterization of hyperbolic affine infinite iterated function systems</a> , Journal of Mathematical Analysis and Applications, <b>407</b> Issue: 1 Pages: 56-68 , DOI: 10.1016/j.jmaa.2013.05.007 ( <a href="#">extenso</a> )	<b>1.119</b>
4.	N.A. Secelean, <i>The existence of the attractor of countable iterated function systems</i> , Mediterranean Journal of Mathematics, No. 1, Vol. <b>9</b> (2012), pp. 65-84	Jian-Zhong Xiao, Xing-Hua Zhu, Jie Yan, <a href="#">Probabilistic fractals and attractors in Menger spaces</a> , Nonlinear Analysis: Theory, Methods & Applications, <a href="#">Volume 97</a> , March 2014, Pages 106–118 <a href="http://doi.org/10.1016/j.na.2013.11.020">doi.org/10.1016/j.na.2013.11.020</a> ( <a href="#">extenso</a> )	<b>1.612</b>

5.	E. de Amo, I. Chişescu, M. Díaz Carrillo, N.A. Secelean, <i>A new approximation procedure for fractals</i> , Journal of Computational and Applied Mathematics, vol. <b>151</b> , Issue <b>2</b> , 2003, p.355-370 DOI: 10.1016/S0377-0427(02)00752-5	de Amo, Enrique; Diaz Carrillo, Manuel; Fernandez Sanchez, Juan, <i>PCF self-similar sets and fractal interpolation</i> , Mathematics and Computers in Simulation, Vol. <b>92</b> Pages: 28-39 DOI: 10.1016/j.matcom.2013.04.017 Published: JUN 2013 ( <a href="#">extenso</a> )	<b>0.856</b>
6.	N.A. Secelean: <i>The Invariant Measure of an Countable Iterated Function System</i> , Seminarberichte aus dem Fachbereich Mathematik, Band <b>73</b> , 2002 (p.3-10)	Roychowdhury, Mrinal Kanti, <i>Quantization dimension for infinite self-similar probabilities</i> , Journal of Mathematical Analysis and Applications, Volume: <b>383</b> , Issue: 2, Pages: 499-505, DOI: 10.1016/j.jmaa.2011.05.044 Published: NOV 15 2011 ( <a href="#">extenso</a> )	<b>1.119</b>
7.	N. A. Secelean, <i>Some continuity and approximation properties of a countable iterated function system</i> , Math. Pannon. <b>14</b> (no.2) (2003), 237–252	A. Mihail, R. Miculescu, <i>A Generalization of the Hutchinson Measure</i> , Mediterranean Journal of Mathematics, Volume: <b>6</b> Issue: 2 Pages: 203-213 DOI: 10.1007/s00009-009-0005-8 Published: JUL 2009 ( <a href="#">extenso</a> )	<b>0.653</b>
8.	M. Bezzarga, E. Moldoveanu, N. Secelean: <i>Dual Resolvent for Semi-dynamical Systems</i> , Buletin Stiinţific - Universitatea din Piteşti, Ser. Matematică şi Informatică, Nr. <b>11</b> , 2005 (p.27-44)	Bezzarga M, <i>Right dual process for semidynamical systems</i> , Potential Analysis, Volume: <b>21</b> , Issue: 1 Pages: 47-74 DOI: 10.1023/B:POTA.0000021336.18743.71 Published: AUG 2004 ( <a href="http://www.springer.com/mathematics/analysis/journal/11118">http://www.springer.com/mathematics/analysis/journal/11118</a> ) ( <a href="#">extenso</a> )	<b>1.048</b>
9.	E. de Amo, I. Chişescu, M. Díaz Carrillo, N.A. Secelean, <i>A new approximation procedure for fractals</i> , Journal of Computational and Applied Mathematics, vol. <b>151</b> , Issue <b>2</b> , 2003, p.355-370 DOI: 10.1016/S0377-0427(02)00752-5	Chitescu, Ion; Miculescu, Radu, <i>Approximation of fractals generated by Fredholm integral equations</i> , Journal of Mathematical Analysis and Applications, Volume: 11 Issue: 2 Pages: 286-293 Published: APR 2009 ( <a href="#">extenso</a> )	<b>1.119</b>
10.	Secelean, N.A., <i>Countable Iterated Function Systems</i> , Far East J. Dyn. Syst., Pushpa Publishing House Volume: <b>3</b> Issue: 2 Pages: 149-167 Published: 2001	Chitescu, Ion; Miculescu, Radu, <i>Approximation of fractals generated by Fredholm integral equations</i> , Journal of Mathematical Analysis and Applications, Volume: 11 Issue: 2 Pages: 286-293 Published: APR 2009 ( <a href="#">extenso</a> )	<b>1.119</b>
11.	Secelean, N.A., <i>Countable Iterated Function Systems</i> , Far East J. Dyn. Syst., Pushpa Publishing House Volume: <b>3</b> Issue: 2 Pages: 149-167 Published: 2001	Mihail A., Miculescu R., <i>Applications of fixed point theorems in the theory of generalized IFS</i> , Fixed Point Theory and Applications, Article Number: 312876 DOI: 10.1155/2008/312876 Published: 2008 ( <a href="#">extenso</a> )	<b>2.486</b>
12.	Secelean, N.A., <i>Countable Iterated Function Systems</i> , Far East J. Dyn. Syst., Pushpa Publishing House Volume: <b>3</b> Issue: 2 Pages: 149-167 Published: 2001	R. Miculescu, A. Mihail, <i>Lipscomb's space <math>\omega(A)</math> is the attractor of an infinite IFS containing affine transformations of <math>I(2)(A)</math></i> , Proceedings of the American Mathematical	<b>0.627</b>

		Society, Volume: <b>136</b> , Issue: 2 Pages: 587-592 Published: 2008 ( <a href="#">extenso</a> )	
13.	N. A. Secelean, <i>Some continuity and approximation properties of a countable iterated function system</i> , Math. Pannon. <b>14</b> (no.2) (2003), 237–252	R. Miculescu, <i>Generalized Iterated Function Systems with Place Dependent Probabilities</i> , Acta Appl. Math. (2014) 130:135–150, DOI 10.1007/s10440-013-9841-4 ( <a href="http://link.springer.com/article/10.1007/s10440-013-9841-4">http://link.springer.com/article/10.1007/s10440-013-9841-4</a> ) ( <a href="#">extenso</a> )	<b>0.702</b>
14.	Secelean, N.A., <i>Countable Iterated Function Systems</i> , Far East J. Dyn. Syst., Pushpa Publishing House Volume: <b>3</b> Issue: 2 Pages: 149-167 Published: 2001	R. Miculescu, <i>Generalized Iterated Function Systems with Place Dependent Probabilities</i> , Acta Appl. Math. (2014) 130:135–150, DOI 10.1007/s10440-013-9841-4 ( <a href="http://link.springer.com/article/10.1007/s10440-013-9841-4">http://link.springer.com/article/10.1007/s10440-013-9841-4</a> ) ( <a href="#">extenso</a> )	<b>0.702</b>
15.	W. Majdak, N. A. Secelean, L. Suci, <i>Ergodic properties of operators in some semi-Hilbertian spaces</i> , Linear and Multilinear Algebra, 61:2, p.139-159	L. Suci, <i>Saturation for Cesaro means of higher order</i> , Operators and Matrices, Volume 7, Number 3 (2013), 557–572 ( <a href="#">extenso</a> )	<b>0.509</b>
16.	E. de Amo, I. Chişescu, M. Díaz Carrillo, N.A. Secelean, <i>A new approximation procedure for fractals</i> , Journal of Computational and Applied Mathematics, vol. <b>151</b> , Issue <b>2</b> , 2003, p.355-370 DOI: 10.1016/S0377-0427(02)00752-5	M. Fernández-Martínez and M. A Sánchez-Granero, <i>Fractal Dimension for Fractal Structures</i> , Topology and its Applications, <b>163</b> , 15 feb. 2014, p.93-111 <a href="http://www.sciencedirect.com/science/article/pii/S0166864113003830#">http://www.sciencedirect.com/science/article/pii/S0166864113003830#</a> ( <a href="#">extenso</a> )	<b>0.587</b>
17.	Secelean, NA, <i>Any compact subset of a metric space is the attractor of a CIFS</i> , Bull. Math. Soc. Sci. Math. Roum., Nouv. Sér <b>44</b> (92), 237-241 (2001)	Qi-Rong Deng, Ka-Sing Lau: <i>On the equivalence of homogeneous iterated function systems</i> , Nonlinearity <b>26</b> (2013) 2767–2775, doi:10.1088/0951-7715/26/10/2767 ( <a href="http://iopscience.iop.org/0951-7715/26/10/2767">http://iopscience.iop.org/0951-7715/26/10/2767</a> ) ( <a href="#">extenso</a> )	<b>1.200</b>
18.	E.C. Popa, N.A. Secelean, <i>On some inequality for the Landau constants</i> , Taiwanese Journal of Mathematics, Vol. <b>15</b> , No. <b>4</b> , August 2011, p. 1457-1462	Chao-Ping Chena, Junesang Choi: <i>Asymptotic expansions for the constants of Landau and Lebesgue</i> , Advances in Mathematics, Volume 254, 20 March 2014, Pages 622–641, DOI: 10.1016/j.aim.2013.10.031 <a href="http://dx.doi.org/10.1016/j.aim.2013.12.021">http://dx.doi.org/10.1016/j.aim.2013.12.021</a> ( <a href="#">extenso</a> )	<b>1.353</b>
19.	Secelean, N.A., <i>Countable Iterated Function Systems</i> , Far East J. Dyn. Syst., Pushpa Publishing House Volume: <b>3</b> Issue: 2	I. Chişescu, R. Miculescu and L. Ioana, <i>Type <math>\mathcal{A}</math> Sets and the Attractors of Infinite Iterated Function Systems</i> , Results in	

	Pages: 149-167 Published: 2001	Mathematics, <b>66</b> , Issue 3-4 (2014), 511–524, DOI: 10.1007/s00025-014-0391-5 ( <a href="#">extenso</a> )	<b>0.642</b>
20.	Secelean, N.A., <i>Parameterized curve as attractors of some countable iterated function systems</i> , Arch. Math. Brno 40, 287–293 (2004)	I. Chițescu, R. Miculescu and L. Ioana, <i>Type <math>\mathcal{A}</math> Sets and the Attractors of Infinite Iterated Function Systems</i> , Results in Mathematics, <b>66</b> , Issue 3-4 (2014), 511–524, DOI: 10.1007/s00025-014-0391-5 ( <a href="#">extenso</a> )	<b>0.642</b>
21.	N.A. Secelean, <i>The existence of the attractor of countable iterated function systems</i> , Mediterranean Journal of Mathematics, No. 1, Vol. <b>9</b> (2012), pp. 65-84	J-Z Xiao,, X-H Zhu, P-P Jin, <i>Iterated function systems and attractors in the KM fuzzy metric spaces</i> , Fuzzy Sets and Systems (2014), <a href="http://dx.doi.org/10.1016/j.fss.2014.07.004">http://dx.doi.org/10.1016/j.fss.2014.07.004</a> , ( <a href="#">extenso</a> )	<b>1.880</b>
22.	E.C. Popa, N.A. Secelean, <i>On some inequality for the Landau constants</i> , Taiwanese Journal of Mathematics, Vol. <b>15</b> , No. <b>4</b> , August 2011, p. 1457-1462	Chao-Ping Chen, <i>New bounds and asymptotic expansions for the constants of Landau and Lebesgue</i> , Applied Mathematics and Computation 242 (2014) 790–799, DOI:10.1016/j.amc.2014.06.078, <a href="http://www.sciencedirect.com/science/article/pii/S0096300314009229">http://www.sciencedirect.com/science/article/pii/S0096300314009229</a> , ( <a href="#">extenso</a> )	<b>1.600</b>
23.	E.C. Popa, N.-A. Secelean, <i>Estimates for the constants of Landau and Lebesgue via some inequalities for the Wallis ratio</i> , J. Comput. Appl. Math. <b>269</b> (2014) 68–74	Chao-Ping Chen, <i>New bounds and asymptotic expansions for the constants of Landau and Lebesgue</i> , Applied Mathematics and Computation 242 (2014) 790–799, DOI: 10.1016/j.amc.2014.06.078, <a href="http://www.sciencedirect.com/science/article/pii/S0096300314009229">http://www.sciencedirect.com/science/article/pii/S0096300314009229</a> , ( <a href="#">extenso</a> )	<b>1.600</b>
24.	E.C. Popa, N.A. Secelean, <i>On some inequality for the Landau constants</i> , Taiwanese Journal of Mathematics, Vol. <b>15</b> , No. <b>4</b> , August 2011, p. 1457-1462	Chao-Ping Chen, <i>Sharp bounds for the Landau constants</i> , The Ramanujan Journal. Vol.31 Issue:3 (2013): 301-313, DOI 10.1007/s/11139-012-9436-0 ( <a href="#">extenso</a> )	<b>0.507</b>
25.	N.A. Secelean, <i>The existence of the attractor of countable iterated function systems</i> , Mediterranean Journal of Mathematics, No. 1, Vol. <b>9</b> (2012), pp. 65-84	<i>Maria Fernanda Barrozo, Ursula Molter, Countable contraction mappings in metric spaces: invariant sets and measures</i> , Central European Journal of Mathematics, <b>593</b> . Volume: 12. Issue: 4, 593-602 ( <a href="#">extenso</a> )	<b>0.519</b>

26.	<b>N.A. Secelean</b> - <i>Generalized Iterated Function Systems on the space <math>l^\infty(X)</math></i> , Journal of Mathematical Analysis and Applications, <b>410</b> (15 feb. 2014) Issue:2, 847-858, DOI:10.1016/j.jmaa.2013.09.007	Yu Wan-Bo, <i>Chaotic characteristics of three-dimensional function determined by cross-section geometric shape</i> , Acta Phys. Sin. Vol. <b>63</b> , No. 12 (2014) 120501, DOI:10.7498/aps.63.120501 ( <a href="#">extenso</a> )	<b>0.845</b>
27.	A Mihail, <b>N.A. Secelean</b> , <i>On the connectivity of the attractors of recurrent iterated function systems</i> , Mathematical Reports, vol. <b>13(63)</b> , No. <b>4</b> , 2011, 363-376	F. Strobin, <i>Attractors of generalized IFSs that are not attractors of IFSs</i> , Journal of Mathematical Analysis and Applications (2014), <a href="http://dx.doi.org/10.1016/j.jmaa.2014.08.029">http://dx.doi.org/10.1016/j.jmaa.2014.08.029</a> , ( <a href="#">extenso</a> )	<b>1.119</b>
28.	<b>N.A. Secelean</b> - <i>Generalized Iterated Function Systems on the space <math>l^\infty(X)</math></i> , Journal of Mathematical Analysis and Applications, <b>410</b> (15 feb. 2014) Issue:2, 847-858, DOI:10.1016/j.jmaa.2013.09.007	F. Strobin, <i>Attractors of generalized IFSs that are not attractors of IFSs</i> , Journal of Mathematical Analysis and Applications (2014), <a href="http://dx.doi.org/10.1016/j.jmaa.2014.08.029">http://dx.doi.org/10.1016/j.jmaa.2014.08.029</a> , ( <a href="#">extenso</a> )	<b>1.119</b>
<b>TOTAL</b>		<b>28 citări</b>	

Nr. Minim de citări, **C=12**

Data 30.08.2014

Candidat  
Secelean Nicolae Adrian