

**FISA DE VERIFICARE A INDEPLINIRII STANDARDELOR MINIMALE  
MATEMATICA**

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Standarde minimale *profesor* **S = 5**, **S<sub>recent</sub> = 2.5** și **C = 12**

Am publicat **21** articole în reviste ISI, dintre care **17** articole cu scor relativ de influență, ( $s_i$  calculat după ultimele 5 liste JCR), mai mare ca 0.5, obținând un scor relativ de influență cumulat **S=16.686**, respectiv **S<sub>recent</sub> =14.902**.

Nr. Crt.	Articol, referință bibliografică	Publicat în ultimii 7 ani	$s_i$	$n_i$	$\frac{s_i}{n_i}$
1.	G. Kassay, C. Pintea, Szilárd László: Monotone operators and closed countable sets. Optimization 60(8-9):1059-1069, 2011.	X	<b>0.971</b> (2017)	3	<b>0.3236</b>
2.	Szilárd László: Some Existence Results of Solutions for General Variational Inequalities. Journal of Optimization Theory and Applications 150(1):425-443, 2011.	X	<b>1.423</b> (2017)	1	<b>1.4230</b>
3.	Szilárd László: Generalized Monotone Operators, Generalized Convex Functions and Closed Countable Sets. Journal of Convex Analysis 18:1075-1091, 2011.	X	<b>0.977</b> (2014)	1	<b>0.9770</b>
4.	Szilárd László: Theta-monotone operators and theta-convex functions. Taiwanese Journal of Mathematics 16:733-759, 2012.	X	<b>0.590</b> (2017)	1	<b>0.5900</b>
5.	Szilárd László, B. Burjan-Mosoni: About the Maximal Monotonicity of the Generalized Sum of Two Maximal Monotone Operators. Set-Valued and Variational Analysis 20(3):355-368, 2012.	X	<b>1.652</b> (2015)	2	<b>0.8260</b>
6.	R. I. Boț, Szilárd László: On the generalized parallel sum of two maximal monotone operators of Gossez type (D). Journal of Mathematical Analysis and Applications 391(1):82-98, 2012.	X	<b>1.168</b> (2014)	2	<b>0.5840</b>
7.	G. Kassay, C. Pintea, Szilárd László: Monotone operators and first category sets, Positivity 16(3), 565-577, 2012	X	<b>0.707</b> (2017)	3	<b>0.2356</b>
8.	Szilárd László: Multivalued variational inequalities and coincidence point results. Journal of Mathematical Analysis and Applications 404(1): 105-114, 2013.	X	<b>1.168</b> (2014)	1	<b>1.1680</b>

9.	A. Amini-Harandi, Szilárd László: Applications of general variational inequalities to coincidence point results, <i>Publicationes Mathematicae-Debrecen</i> 85(1-2), 47-58, 2014.	X	<b>0.587</b> (2016)	2	<b>0.2935</b>
10.	Szilárd László, A. Viorel: Densely defined equilibrium problems. <i>Journal of Optimization Theory and Applications</i> 166(1):52-75, 2015.	X	<b>1.423</b> (2017)	2	<b>0.7115</b>
11.	Szilárd László, A. Viorel: Generalized monotone operators on dense sets. <i>Numerical Functional Analysis and Optimization</i> 36(7):901-927, 2015.	X	<b>0.663</b> (2013)	2	<b>0.3315</b>
12.	Szilárd László: On injectivity of a class of monotone operators with some univalence consequences. <i>Mediterranean Journal of Mathematics</i> 13(2) :729-744, 2016.	X	<b>1.667</b> (2013)	1	<b>1.6670</b>
13.	Szilárd László: Vector Equilibrium Problems on Dense Sets. <i>Journal of Optimization Theory and Applications</i> 170(2):437-457, 2016.	X	<b>1.423</b> (2017)	1	<b>1.4230</b>
14.	Szilárd László: Minimax results on dense sets and dense families of functionals. <i>SIAM Journal on Optimization</i> 27(2):661-685, 2017.	X	<b>4.348</b> (2016)	1	<b>4.3480</b>
15.	R.I. Boț, E.R. Csetnek, Szilárd László: Second order dynamical systems with penalty terms associated to monotone inclusions, <i>Analysis and Applications</i> , DOI:10.1142/S0219530518500021, 2018.	-	<b>1.826</b> (2014)	3	<b>0.6086</b>
16.	Szilárd László: A primal-dual approach of weak vector equilibrium problems, <i>Open Mathematics</i> (formerly Central European Journal of Mathematics) 16(1) :276-288, 2018.	-	<b>0.685</b> (2015)	1	<b>0.6850</b>
17.	R.I. Boț, E.R. Csetnek, Szilárd László: Approaching nonsmooth nonconvex minimization through second order proximal-gradient dynamical systems, <i>Journal of Evolution Equations</i> , DOI:10.1007/s00028-018-0441-7, 2018.	-	<b>1.472</b> (2014)	3	<b>0.4906</b>
			<b>Total 22.750</b>	-	<b>Total 16.686</b>
<b>Total</b>		<b>S= 16.686</b>			
		<b>S<sub>recent</sub> = 14.902</b>			

### Citări în jurnale ISI cu SRI>0.5

Articole citate :

L1. Szilárd László: Some Existence Results of Solutions for General Variational Inequalities. *Journal of Optimization Theory and Applications* 09/2011; 150(1):425-443.

- L2.** Radu Ioan Boț, Ernö Robert Csetnek, Szilárd László: An inertial forward-backward algorithm for the minimization of the sum of two nonconvex functions, Euro Journal of Computational Optimization, 2/2016, 4(1):3-25, arxiv.org/abs/1410.0641
- L3.** G. Kissay, C. Pintea, Szilárd László: Monotone operators and closed countable sets. Optimization 07/2011; 60(8-9):1059-1069.
- L4.** G. Kissay, C. Pintea, Szilárd László: Monotone operators and first category sets. Positivity 01/2012; 16(3):565-577.
- L5.** Szilárd László: Multivalued variational inequalities and coincidence point results. Journal of Mathematical Analysis and Applications 08/2013; 404(1):105-114.
- L6.** Radu Ioan Boț, Szilárd László: On the generalized parallel sum of two maximal monotone operators of Gossez type (D). Journal of Mathematical Analysis and Applications 01/2012; 391(1):82-98.
- L7.** Szilárd László, A. Viorel: Densely defined equilibrium problems. Journal of Optimization Theory and Applications 06/2015; 166(1):52-75.
- L8.** Szilárd László : Existence of solutions of inverted variational inequalities, Carpathian J. Math. 2012; 28(2):271-278;
- L9.** Szilárd László, A. Viorel: Generalized monotone operators on dense sets, Numerical Functional Analysis and Optimization , 2015 ; 36(7):901-927.

Nr. Crt.	Articolul citat	Revista si articolul in care a fost citat	$s_i$
1.	<b>L1.</b>	Xie Ping Ding, Salahuddin: Generalized vector mixed general quasi-variational-like inequalities in Hausdorff topological vector spaces, Optimization Letters 2013, 7(5): 893-902	<b>0.963</b>
2.	<b>L1.</b>	Cornel Pintea: Global injectivity conditions for planar maps, Monatshefte für Mathematik 2013, 172(3): 399-413	<b>1.021</b>
3.	<b>L1.</b>	R.P. Agarwal, M. Balaj , D. O'Regan: A Common Fixed Point Theorem with Applications, Journal of Optimization Theory and Applications 2014, 163(2): 482-490	<b>1.423</b>
4.	<b>L1.</b>	Daniela Inoan: An existence result for a variational-like inequality, Bulletin of the Australian Mathematical Society, 2014, 90(2): 319-326	<b>0.715</b>
5.	<b>L1.</b>	B.S. Lee and Salahuddin: Minty lemma for inverted vector variational inequalities, Optimization 2017, 66(3): 351-359	<b>0.971</b>
6.	<b>L1.</b>	Yu Han, Nanjing Huang, Jue Lu, Yibin Xiao: Existence and stability of solutions to inverse variational inequality problems, Applied Mathematics and Mechanics 2017, 38(5):749–764	<b>0.618</b>
7.	<b>L2</b>	Duong Viet Thong, Dang Van Hieu: Inertial subgradient extragradient algorithms with line-search process for solving variational inequality problems and fixed point problems, Numerical Algorithms, 2018, doi:10.1007/s11075-018-0527-x	<b>1.193</b>
8.	<b>L2.</b>	Dong, Qiaoli, Jiang, Dan, Cholamjiak, Prasit, Shehu, Yekini: A strong convergence result involving an inertial forward-backward algorithm for monotone inclusions, Journal of Fixed Point Theory and Applications, 2017, 19(4): 3097-3118	<b>1.134</b>

9.	<b>L2.</b>	Duong Viet Thong, Dang Van Hieu: An inertial method for solving split common fixed point problems, Journal of Fixed Point Theory and Applications, 2017, 19(4) 3029-3051	<b>1.134</b>
10.	<b>L2.</b>	Peter, Ochs: Local Convergence of the Heavy-Ball Method and iPiano for Non-convex Optimization, Journal of Optimization Theory and Applications, 2018, 177(1): 153-180	<b>1.423</b>
11.	<b>L2.</b>	Radu Ioan Boț, Erno Robert Csetnek : Approaching Nonsmooth Nonconvex Optimization Problems Through First Order Dynamical Systems with Hidden Acceleration and Hessian Driven Damping Terms, Set-Valued and Variational Analysis, 2018, 26(2): 227–245	<b>1.652</b>
12.	<b>L2.</b>	Duong Viet Thong, Dang Van Hieu: Modified subgradient extragradient method for variational inequality problems, Numerical Algorithms, 2018, doi: 10.1007/s11075-017-0452-4	<b>1.193</b>
13.	<b>L2.</b>	Dang Van Hieu: New inertial algorithm for a class of equilibrium problems, Numerical Algorithms, 2018, doi: 10.1007/s11075-018-0532-0	<b>1.193</b>
14.	<b>L2.</b>	Radu Ioan Boț, Ernö Robert Csetnek, Nimit Nimana: Gradient-type penalty method with inertial effects for solving constrained convex optimization problems with smooth data, Optimization Letters, 2018, 12(1):17–33	<b>0.963</b>
15.	<b>L2.</b>	Lixin Zhang, Changjie Fang, Shenglan Chen: An inertial subgradient-type method for solving single-valued variational inequalities and fixed point problems, Numerical Algorithms, 2018, doi: 10.1007/s11075-017-0468-9	<b>1.193</b>
16.	<b>L2.</b>	Radu Ioan Boț, Ernö Robert Csetnek: An inertial forward-backward-forward primal-dual splitting algorithm for solving monotone inclusion problems, Numerical Algorithms, 2016, 71(3):519-540	<b>1.193</b>
17.	<b>L2.</b>	Radu Ioan Boț, Ernö Robert Csetnek: An Inertial Tseng's Type Proximal Algorithm for Nonsmooth and Nonconvex Optimization Problems, Journal of Optimization Theory and Applications, 2016, 171(2): 600–616	<b>1.423</b>
18.	<b>L2.</b>	Caihua Chen, Raymond H. Chan, Shiqian Ma, and Junfeng Yang: Inertial Proximal ADMM for Linearly Constrained Separable Convex Optimization, SIAM Journal on Imaging Sciences, 2015, 8(4), 2239–2267	<b>9.363</b>
19.	<b>L2.</b>	Pascal Bégout , Jérôme Bolte, Mohamed Ali Jendoubi: On damped second-order gradient systems, Journal of Differential Equations, 2015, 259(7): 3115–3143	<b>2.596</b>
20.	<b>L2.</b>	Justin Solomon, Gabriel Peyré, Vladimir Kim, Suvrit Sra: Entropic Metric Alignment for Correspondence Problems, ACM Transactions on Graphics, Association for Computing Machinery, 2016, Proc. SIGGRAPH 2016, 35 (4): 1-13	<b>4.395</b>

21.	<b>L2.</b>	Radu Ioan Boț, Ernö Robert Csetnek: Penalty schemes with inertial effects for monotone inclusion problems, Optimization, 2016, 66(6): 965-982	<b>0.971</b>
22.	<b>L2.</b>	Qiao-Li Dong, Yan-Yan Lu and Jinfeng Yang: The extragradient algorithm with inertial effects for solving the variational inequality, Optimization, 2016, 65(12): 2217-2226	<b>0.971</b>
23.	<b>L2.</b>	José Yunier Bello Cruz and Tran T.A. Nghia: On the convergence of the forward-backward splitting method with linesearches, Optimization Methods and Software, 2016, 31(6): 1209-1238	<b>2.048</b>
24.	<b>L2.</b>	Chenglong Bao, Bin Dong, Likun Hou, Zuowei Shen, Xiaoqun Zhang and Xue Zhang: Image restoration by minimizing zero norm of wavelet frame coefficients, Inverse Problems, 2016, 32(11)	<b>1.882</b>
25.	<b>L2.</b>	Radu Ioan Boț, Ernö Robert Csetnek: Proximal-gradient algorithms for fractional programming, Optimization, 2017, 66(8): 1383-1396	<b>0.971</b>
26.	<b>L2.</b>	Lorenzo Stella, Andreas Themelis and Panagiotis Patrinos: Forward-backward quasi-Newton methods for nonsmooth optimization problems, Computational Optimization and Applications, 2017, 67(3): 443–487	<b>1.810</b>
27.	<b>L2.</b>	Radu Ioan Boț, Ernö Robert Csetnek: A forward-backward dynamical approach to the minimization of the sum of a nonsmooth convex with a smooth nonconvex function, Esaim:COCV, 2017, doi: 10.1051/cocv/2017020	<b>2.161</b>
28.	<b>L3.</b>	Cornel Pintea: Global injectivity conditions for planar maps, Monatshefte für Mathematik, 2013, 172(3): 399-413	<b>1.021</b>
29.	<b>L3.</b>	Daniela Marian , Ioan Radu Peter, Cornel Pintea: A class of generalized monotone operators, Journal of Mathematical Analysis and Applications, 2015, 421(2): 1827–1843	<b>1.168</b>
30.	<b>L3.</b>	Daniela Marian , Ioan Radu Peter, Cornel Pintea: Operations with monotone operators and the monotonicity of the resulting operators, Monatshefte für Mathematik, 2016, 181(1): 143–168	<b>1.021</b>
31.	<b>L4.</b>	Cornel Pintea: Global injectivity conditions for planar maps, Monatshefte für Mathematik, 2013, 172(3): 399-413	<b>1.021</b>
32.	<b>L5.</b>	Boualem Alleche, Vicențiu D. Rădulescu: Set-valued equilibrium problems with applications to Browder variational inclusions and to fixed point theory, Nonlinear Analysis: Real World Applications, 2016, 28: 251–268	<b>1.407</b>
33.	<b>L5.</b>	Min Wang: Existence theorems for perturbed variational inequalities in Banach spaces,Journal of Fixed Point Theory and Applications, 2018, 20: 55, doi: 10.1007/s11784-018-0536-3	<b>1.134</b>
34.	<b>L6.</b>	Luis M. Briceño-Arias: Forward–Partial Inverse–Forward Splitting for Solving Monotone Inclusions, Journal of Optimization Theory and Applications, 2015, 166(2): 391-413	<b>1.423</b>
35.	<b>L6.</b>	Orestes Bueno, Yboon García, Maicon Marques Alves: Lower Limits of Type (D) Monotone Operators in general Banach Spaces, Journal of Convex Analysis, 2016, 23(2): 333-345	<b>0.977</b>
36.	<b>L7.</b>	Shafie, Allahkaram; Jafari, Somaye; Farajzadeh, Ali : Existence results for Minty variational inequalities with surjectivity consequences in Hausdorff topological vector spaces, Journal of Nonlinear and Convex Analysis, 2017, 18(4):685-696	<b>0.939</b>

37.	<b>L7.</b>	Alleche, Boualem; Radulescu, Vicentiu D.: Further on Set-Valued Equilibrium Problems and Applications to Browder Variational Inclusion, Journal of Optimization Theory and Applications, 2017, 175(1): 39-58	<b>1.423</b>
38.	<b>L7.</b>	Alleche, Boualem; Radulescu, Vicentiu , Further on set-valued equilibrium problems in the pseudo-monotone case and applications to Browder variational inclusions, Optimization Letters, 2018, doi: 10.1007/s11590-018-1233-2	<b>0.963</b>
39.	<b>L7.</b>	Qiu, Jing-Hui; He, Fei; Soubeyran, Antoine: Equilibrium versions of variational principles in quasi-metric spaces and the robust trap problem, Optimization 2018, 67(1): 25-53	<b>0.971</b>
40.	<b>L7.</b>	Boualem Alleche, Vicențiu D. Rădulescu: Set-valued equilibrium problems with applications to Browder variational inclusions and to fixed point theory, Nonlinear Analysis: Real World Applications 2016, 28: 251–268	<b>1.407</b>
41.	<b>L7.</b>	Somaye Jafari, Ali Farajzadeh, Siroos Moradi: Locally Densely Defined Equilibrium Problems, Journal of Optimization Theory and Applications 2016, 170(3): 804–817	<b>1.423</b>
42.	<b>L8.</b>	B.S. Lee and Salahuddin: Minty lemma for inverted vector variational inequalities, Optimization 2017, 66(3): 351-359	<b>0.971</b>
43.	<b>L8.</b>	Chen, J., Köbis, E., Köbis, M. Jen-Chih Yao, Image Space Analysis for Constrained Inverse Vector Variational Inequalities via Multiobjective Optimization, Journal of Optimization Theory and Applications, 2017, doi:10.1007/s10957-017-1197-x	<b>1.423</b>
44.	<b>L9.</b>	Alleche, Boualem; Radulescu, Vicentiu D.: Further on Set-Valued Equilibrium Problems and Applications to Browder Variational Inclusions, Journal of Optimization Theory and Applications, 2017, 175(1): 39-58	<b>1.423</b>
45.	<b>L2.</b>	Sebastian Banert, Radu Ioan Bot: A general double-proximal gradient algorithm for d.c. programming, Mathematical Programming, 2018, doi: 10.1007/s10107-018-1292-2	<b>4.710</b>
<b>Total</b>			<b>71.398</b>

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Semnătura (candidat)

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