

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

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Standarde minimale *Abilitare*  $I = 5$ ,  $I_{recent} = 2.5$  și  $C = 12$

Am publicat **18** articole în reviste ISI din care 16 cu factor de impact, ( $f_i$ , după JCR 2015 publicat în 2016), mai mare ca 0.5, obținând un factor de impact cumulat  $I=I_{recent} = 12.011$  și citări în reviste cu factor de impact mai mare ca 0.5 (fără autocitări)  $C=30$ .

Nr. Crt.	Articol, referința bibliografică	Public at în ultimii 7 ani	$f_i$	$n_i$	$\frac{f_i}{n_i}$
1.	G. Kassay, C. Pinteá, Szilárd László: Monotone operators and closed countable sets. Optimization 60(8-9):1059-1069, 2011.	X	<b>0.822</b>	3	<b>0.274</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>1.160</b>	1	<b>1.160</b>
3.	Szilárd László: Generalized Monotone Operators, Generalized Convex Functions and Closed Countable Sets. Journal of Convex Analysis 18:1075-1091, 2011.	X	<b>0.786</b>	1	<b>0.786</b>
4.	Szilárd László: Theta-monotone operators and theta-convex functions. Taiwanese Journal of Mathematics 16:733-759, 2012.	X	<b>0.617</b>	1	<b>0.617</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>0.973</b>	2	<b>0.486</b>
6.	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 391(1):82-98, 2012;.	X	<b>1.014</b>	2	<b>0.507</b>
7.	Szilárd László: Existence of solutions of inverted variational inequalities. Carpathian Journal of Mathematics 28(2):271-278, 2012.	X	<b>0.610</b>	1	<b>0.610</b>

8.	Szilárd László: Multivalued variational inequalities and coincidence point results. Journal of Mathematical Analysis and Applications 04(1):105-114, 2013.	X	<b>1.014</b>	1	<b>1.014</b>
9.	A. Amini-Harandi, Szilárd László: A coincidence point result via variational inequalities. Fixed Point Theory 15(1):87-98, 2014.	X	<b>0.581</b>	2	<b>0.290</b>
10.	A. Amini-Harandi, Szilárd László: Solution existence of general variational inequalities and coincidence points. Carpathian Journal of Mathematics 30(1):9-17, 2014.	X	<b>0.610</b>	2	<b>0.305</b>
11.	Szilárd László: On the strong representability of the generalized parallel sum. The Bulletin of the Malaysian Mathematical Society Series 2 37(4):1029-1046, 2014.	X	<b>0.640</b>	1	<b>0.640</b>
12.	Szilárd László, A. Viorel: Densely defined equilibrium problems. Journal of Optimization Theory and Applications 166(1):52-75, 2015.	X	<b>1.160</b>	2	<b>0.580</b>
13.	Szilárd László, A. Viorel: Generalized monotone operators on dense sets. Numerical Functional Analysis and Optimization 36(7):901-927, 2015.	X	<b>0.649</b>	2	<b>0.324</b>
14.	Szilárd László: On injectivity of a class of monotone operators with some univalence consequences. Mediterranean Journal of Mathematics 13(2) :729-744, 2016.	X	<b>0.599</b>	1	<b>0.599</b>
15.	Szilárd László: Vector Equilibrium Problems on Dense Sets. Journal of Optimization Theory and Applications 170(2):437-457, 2016.	X	<b>1.160</b>	1	<b>1.160</b>
16.	Szilárd László: Minimax results on dense sets and dense families of functionals. SIAM Journal on Optimization 27(2), doi:10.1137/16M1092714, 2017	X	<b>2.659</b>	1	<b>2.659</b>
<b>Total</b>		I= I_recent= <b>12.011</b>			

Obs. După standardele care au ca și referință scorul relativ de influență (S) am un punctaj cumulat de  $S=S_{recent}=14.428$

## Citări : 30 in jurnale ISI cu IF>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, Ernő 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. Kassay, C. Pinteá, Szilárd László: Monotone operators and closed countable sets. Optimization 07/2011; 60(8-9):1059-1069.

**L4.** Szilárd László: Generalized Monotone Operators, Generalized Convex Functions and Closed Countable Sets. Journal of Convex Analysis 12/2011; 18:1075-1091.

**L5.** G. Kassay, C. Pinteá, Szilárd László: Monotone operators and first category sets. Positivity 01/2012; 16(3):565-577.

**L6.** Szilárd László: Multivalued variational inequalities and coincidence point results. Journal of Mathematical Analysis and Applications 08/2013; 404(1):105-114.

**L7.** 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.

**L8.** Szilárd László, A. Viorel: Densely defined equilibrium problems. Journal of Optimization Theory and Applications 06/2015; 166(1):52-75.

**L9.** Szilárd László : Existence of solutions of inverted variational inequalities, Carpathian J. Math. 2012; 28(2):271-278;

<b>Nr. Crt.</b>	<b>Articolul citat</b>	<b>Revista si articolul in care a fost citat</b>	<b><math>f_i</math></b>
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>1.019</b>
2.	<b>L1.</b>	Cornel Pinteá: Global injectivity conditions for planar maps, Monatshefte für Mathematik 2013, 172(3): 399-413	<b>0.664</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>1.160</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>0.566</b>
5.	<b>L1.</b>	Shih-sen Chang, Salahuddin and Gang Wang: On the existence theorems of solutions for generalized vector variational inequalities, Journal of Inequalities and Applications 2015, 2015:365, DOI 10.1186/s13660-015-0856-4	<b>0.630</b>

6.	<b>L1.</b>	B.S. Lee and Salahuddin: Minty lemma for inverted vector variational inequalities, <i>Optimization</i> 2017, 66(3): 351-359	<b>0.822</b>
7.	<b>L1.</b>	Yu Han, Nanjing Huang, Jue Lu, Yibin Xiao: Existence and stability of solutions to inverse variational inequality problems, <i>Applied Mathematics and Mechanics</i> 2017, doi: 10.1007/s10483-017-2191-9	<b>0.922</b>
8.	<b>L2.</b>	Radu Ioan Boț, Ernő Robert Csetnek: An inertial forward-backward-forward primal-dual splitting algorithm for solving monotone inclusion problems, <i>Numerical Algorithms</i> 2016, 71(3):519-540	<b>1.366</b>
9.	<b>L2.</b>	Radu Ioan Boț, Ernő Robert Csetnek: An Inertial Tseng's Type Proximal Algorithm for Nonsmooth and Nonconvex Optimization Problems, <i>Journal of Optimization Theory and Applications</i> 2016, DOI 10.1007/s10957-015-0730-z	<b>1.160</b>
10.	<b>L2.</b>	Caihua Chen, Raymond H. Chan, Shiqian Ma, and Junfeng Yang: Inertial Proximal ADMM for Linearly Constrained Separable Convex Optimization, <i>SIAM Journal on Imaging Sciences</i> 2015, 8(4), 2239–2267	<b>2.687</b>
11.	<b>L2.</b>	Pascal Bégout, Jérôme Bolte, Mohamed Ali Jendoubi: On damped second-order gradient systems, <i>Journal of Differential Equations</i> 2015, 259(7): 3115–3143	<b>1.821</b>
12.	<b>L2.</b>	Justin Solomon, Gabriel Peyr�e, Vladimir Kim, Suvrit Sra: Entropic Metric Alignment for Correspondence Problems, <i>ACM Transactions on Graphics, Association for Computing Machinery</i> , 2016, Proc. SIGGRAPH 2016, 35 (4): 1-13	<b>4.218</b>
13.	<b>L2.</b>	Radu Ioan Boț, Ernő Robert Csetnek: Penalty schemes with inertial effects for monotone inclusion problems, <i>Optimization</i> 2016, DOI 10.1080/02331934.2016.1181759	<b>0.822</b>
14.	<b>L2.</b>	Qiao-Li Dong, Yan-Yan Lu & Jinfeng Yang: The extragradient algorithm with inertial effects for solving the variational inequality, <i>Optimization</i> 2016, 65(12): 2217-2226	<b>0.822</b>
15.	<b>L2.</b>	Jos�e Yunier Bello Cruz & Tran T.A. Nghia: On the convergence of the forward–backward splitting method with linesearches, <i>Optimization Methods and Software</i> 2016, 31(6): 1209-1238	<b>0.841</b>
16.	<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, <i>Inverse Problems</i> 2016, 32(11)	<b>1.651</b>
17.	<b>L2.</b>	Radu Ioan Boț, Ernő Robert Csetnek: Proximal-gradient algorithms for fractional programming, <i>Optimization</i> 2017, DOI 10.1080/02331934.2017.1294592	<b>0.822</b>
18.	<b>L2.</b>	Lorenzo Stella, Andreas Themelis and Panagiotis Patrinos: Forward–backward quasi-Newton methods for nonsmooth optimization problems, <i>Computational Optimization and Applications</i> , 2017, DOI: 10.1007/s10589-017-9912-y	<b>1.444</b>
19.	<b>L2.</b>	Radu Ioan Boț, Ernő Robert Csetnek: A forward-backward dynamical approach to the minimization of the sum of a nonsmooth convex with a smooth nonconvex function, <i>Esaim:COCV</i> , 2017, DOI: 10.1051/cocv/2017020	<b>1.112</b>

20.	<b>L3.</b>	Cornel Pinteá: Global injectivity conditions for planar maps, Monatshefte für Mathematik 2013, 172(3): 399-413	<b>0.664</b>
21.	<b>L3.</b>	Daniela Marian , Ioan Radu Peter, Cornel Pinteá: A class of generalized monotone operators, Journal of Mathematical Analysis and Applications 2015, 421(2): 1827–1843	<b>1.120</b>
22.	<b>L3.</b>	Daniela Marian , Ioan Radu Peter, Cornel Pinteá: Operations with monotone operators and the monotonicity of the resulting operators, Monatshefte für Mathematik 2016, DOI 10.1007/s00605-015-0820-x	<b>0.664</b>
23.	<b>L4.</b>	Shih-sen Chang, Salahuddin and Gang Wang: On the existence theorems of solutions for generalized vector variational inequalities, Journal of Inequalities and Applications 2015, 2015:365, DOI 10.1186/s13660-015-0856-4	<b>0.630</b>
24.	<b>L5.</b>	Cornel Pinteá: Global injectivity conditions for planar maps, Monatshefte für Mathematik 2013, 172(3): 399-413	<b>0.664</b>
25.	<b>L6.</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>2.238</b>
26.	<b>L7.</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>1.160</b>
27.	<b>L7.</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), <a href="http://www.heldermann.de/JCA/JCA23/JCA232/jca23013.htm">http://www.heldermann.de/JCA/JCA23/JCA232/jca23013.htm</a>	<b>0.786</b>
28.	<b>L8.</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>2.238</b>
29.	<b>L8.</b>	Somaye Jafari, Ali Farajzadeh, Sirous Moradi: Locally Densely Defined Equilibrium Problems, Journal of Optimization Theory and Applications 2016, DOI: 10.1007/s10957-016-0950-x	<b>1.160</b>
30.	<b>L9.</b>	B.S. Lee and Salahuddin: Minty lemma for inverted vector variational inequalities, Optimization 2017, 66(3): 351-359	<b>0.822</b>
<b>Total</b>			<b>36.695</b>

Data \_\_\_\_\_

Semnătura (candidat) \_\_\_\_\_