

Lista de lucrări:

Lista celor 10 lucrări considerate a fi cele mai relevante pentru realizările profesionale proprii:

- [1] **S. László**, Some Existence Results of Solutions for General Variational Inequalities, *Journal of Optimization Theory and Applications* 150 (3), 425-443 (2011)
- [2] G. Kassay, C. Pinteá, **S. László**, Monotone operators and closed countable sets, *Optimization* 60 (8-9), 1059-1069 (2011)
- [3] **S. László**, Generalized Monotone Operators, Generalized Convex Functions and Closed Countable Sets, *Journal of Convex Analysis* 18 (4), 1075-1091 (2011)
- [4] R.I. Boş, **S. 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)
- [5] **S. László**, B. Burján-Mosoni, About the Maximal Monotonicity of the Generalized Sum of Two Maximal Monotone Operators, *Set-Valued and Variational Analysis* 20(3), 355-368 (2012)
- [6] **S. László**, Multivalued variational inequalities and coincidence point results, *Journal of Mathematical Analysis and Applications* 404(1), 105-114 (2013)
- [7] **S. László**, A. Viorel, Densely defined equilibrium problems, *Journal of Optimization Theory and Applications* 166(1), 52-75 (2015)
- [8] **S. László**, On injectivity of a class of monotone operators with some univalency consequences, *Mediterranean Journal of Mathematics* 13(2), 729-744 (2016)
- [9] **S. László**, Vector equilibrium problems on dense sets, *Journal of Optimization Theory and Applications* 170(2), 437-457 (2016)
- [10] **S. László**, Minimax Results on Dense Sets and Dense Families of Functionals, *Siam Journal on Optimization* 27(2), doi:10.1137/16M1092714 (2017)

Teza de doctorat :

The theory of monotone operators with applications, coordonată de prof.univ.dr. Kassay Gábor (2008-2011), susţinută în şedinţă publică la Facultatea de Matematică şi Informatică, Universitatea "Babeş-Bolyai " din Cluj-Napoca, în data de 23 septembrie 2011.

Cărti:

- [1] **Szilárd László**, Monotone Operators: Theory and Applications 300 pages, ISBN: 978-3659497636, LAP LAMBERT Academic Publishing (2013), <http://www.amazon.com/Monotone-Operators-Applications-Szilárd-László/dp/3659497630>
- [2] **Peter Ioan Radu, László Szilárd, Viorel Adrian**, *Elements of Linear Algebra*, UTPRESS (2014), ISBN: 978-973-662-935-8, <http://algappl.utcluj.ro>

Articole ISI:

- [1] **S. László**, Some Existence Results of Solutions for General Variational Inequalities, *Journal of Optimization Theory and Applications*, 150 (3), 425-443 (2011)
- [2] G. Kassay, C. Pinteá, **S. László**, Monotone operators and closed countable sets, *Optimization*, 60 (8-9), 1059-1069 (2011)
- [3] **S. László**, Generalized Monotone Operators, Generalized Convex Functions and Closed Countable Sets, *Journal of Convex Analysis* 18 (4), 1075-1091 (2011)
- [4] **S. László**, Theta-monotone operators and theta-convex functions, *Taiwanese Journal of Mathematics*, 16 (2), 733-759 (2012)
- [5] R.I. Boş, **S. 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)
- [6] **S. László**, Existence of solutions of inverted variational inequalities, *Carpathian J. Math.* 28 (2), 329-336 (2012)
- [7] **S. László**, B. Burján-Mosoni, About the Maximal Monotonicity of the Generalized Sum of Two Maximal Monotone Operators, *Set-Valued and Variational Analysis* 20(3), 355-368 (2012)
- [8] G. Kassay, C. Pinteá, **S. László**, Monotone operators and first Baire category sets, *Positivity* 16(3), 565-577 (2012)
- [9] **S. László**, Multivalued variational inequalities and coincidence point results, *Journal of Mathematical Analysis and Applications* 404(1), 105-114 (2013)
- [10] A. Amini-Harandi, **S. László**, A coincidence point result via variational inequalities, *Fixed Point Theory* 15(1), 87-98 (2014)

- [11] A. Amini-Harandi, **S. László**, Solution existence of general variational inequalities and coincidence points, Carpathian Journal of Mathematics 30(1), 15-22 (2014)
- [12] **S. László**, On the strong representability of the generalized parallel sum, Bulletin of Malaysian Mathematical Science Society 37(4), 1029-1046 (2014)
- [13] A. Amini-Harandi, **S. László**, Applications of general variational inequalities to coincidence point results, Publ. Math. Debrecen 85(1-2), 47-58 (2014)
- [14] **S. László**, A. Viorel, Densely defined equilibrium problems, Journal of Optimization Theory and Applications 166(1), 52-75 (2015)
- [15] **S. László**, A. Viorel, Generalized monotone operators on dense sets, Numerical Functional Analysis and Optimization 36, 901-929 (2015)
- [16] **S. László**, On injectivity of a class of monotone operators with some univalence consequences, Mediterranean Journal of Mathematics 13(2), 729-744 (2016)
- [17] **S. László**, Vector equilibrium problems on dense sets, Journal of Optimization Theory and Applications 170(2), 437-457 (2016)
- [18] **S. László**, Minimax Results on Dense Sets and Dense Families of Functionals, Siam Journal on Optimization 27(2), doi:10.1137/16M1092714 (2017)

Articole BDI:

- [19] **S. László**, A bivariate infimal convolution formula and the maximal monotonicity of the parallel sum, Annals of the Tiberiu Popoviciu Seminar of Functional Equations, Approximation and Convexity 11, 59-85 (2013)
- [20] R. I. Boț, E. R. Csetnek, **S. László**, An inertial forward-backward algorithm for minimizing the sum of two non-convex functions, Euro Journal on Computational Optimization 4(1), 3-25 (2016)

Alte articole:

- [1] **S. László**, Despre o ecuație diofantică fracționară” (lb. magh.), Matlap, 1-3, 2007/1
- [2] **S. László**, O metoda de rezolvare a unei ecuații diofantice, Gazetei Matematică, <http://www.gazetamatematica.net/?q=taxonomy/term/1048&page=3>

Culegeri de probleme de matematică:

[1] **László Szilárd**, Iurie Boreico, Andrei Ciupan, Tudor Micu, Olimpiadele de matematică 2006. Clasa a IX-a, editura GIL, ISBN 973-9417-72-8

[2] Marius Damian, Nicolae Stanica, **László Szilárd**, Olimpiadele de matematică 2006. Clasa a V-a, editura GIL, ISBN 973-9417-73-6

[3] Beatrice Ciolan, Emil Ciolan, Marius Damian, **Szilárd László**, Olimpiadele de matematică 2007. Clasele V-VI, editura GIL, ISBN 978-973-9417-96-9

[4] Ghid Metodic: Testare Națională 2007, matematică, editura GIL, ISBN 973-9417-75-2, Testele 38-40.

Data _____

Semnătura _____