

LISTĂ LUCRĂRI REPREZENTATIVE

Nr. Crt.	Informații articol
1.	C Bușe, D O'Regan, O Saierli , <i>Hyers-Ulam Stability for Linear Differences with Time Dependent and Periodic Coefficients: The Case When the Monodromy Matrix Has Simple Eigenvalues</i> , Symmetry 2019 , 11(3), 339; (SRI 0.597 , IF 1.256) doi: 10.3390/sym11030339 https://www.mdpi.com/2073-8994/11/3/339
2.	C Bușe, D O'Regan, O Saierli , <i>A surjectivity problem for 3 by 3 matrices</i> , Operators and Matrices , Vol. 13, Number 1(2019), 111-119 (SRI 0.696 , IF 0.440) http://files.ele-math.com/preprints/oam-13-07.pdf
3.	C Bușe, D O'Regan, O Saierli , <i>A surjection problem leading to the Ax-Grothendieck theorem</i> , Applicable Analysis , 1-8, 2017 , (SRI 0.848 , IF 0.963) https://www.tandfonline.com/doi/full/10.1080/00036811.2017.1403590?scroll=top&needAccess=true
4.	C. Bușe, D. O'Regan, O. Saierli , <i>An inequality concerning the growth bound of an evolution family and the norm of a convolution operator</i> , Semigroup Forum (2017), 94 (3), 618-631, (SRI 0.752 , IF 0.492) https://link.springer.com/article/10.1007/s00233-016-9822-9
5.	C. Bușe, D. O'Regan, O. Saierli , <i>An inequality concerning the growth bound of a discrete evolution family on a complex Banach space</i> , Journal of Difference Equations and Applications , Vol 22, 2016 , Issue 7, 904-912 (SRI 0.638 , IF 0.625) DOI:10.1080/10236198.2016.1162160 https://www.tandfonline.com/doi/abs/10.1080/10236198.2016.1162160
6.	C. Bușe, D. O'Regan, Olivia Saierli , Afshan Tabassum, <i>Hyers-Ulam stability and discrete dichotomy for difference periodic systems</i> , Bulletin des Sciences Mathématiques , Volume 140, Issue 8, November 2016 , Pages 908–934 (SRI 2.146 , IF 0.774) Articol premiat, zona roșie: PN-III-P1-1.1-PRECISI-2017-15091 https://www.sciencedirect.com/science/article/abs/pii/S0007449716300379
7.	O. Saierli, <i>Stability for periodic evolution families of bounded linear operators</i> , Survey in Mathm. and its Applic. , Vol. 10 (2015), 61-93. http://www.utgjiu.ro/math/sma/v10/a10_05.html

8.	C. Buse, A. Khan, G. Rahmat, O. Saierli , <i>Weak real integral characterizations for exponential stability of semigroups in reflexive spaces</i> , Semigroup Forum , Vol. 88, Issue 1, pag. 195-204, 2014 . (SRI 0.752 , IF 0.492) https://link.springer.com/article/10.1007/s00233-013-9520-9
9.	C. Buse, O. Saierli , A. Tabassum, <i>Spectral characterizations for Hyers-Ulam stability</i> , Electronic Journal of Qualitative Theory of Differential Equations , 2014 , No. 30, 1-14. (SRI 0.535 , IF 0.881) Articol premiat, zona galbenă: PN-II-RU-PRECISI-2014-8-7286 http://www.kurims.kyoto-u.ac.jp/EMIS/journals/EJQTDE/p2686.pdf
10.	D. Barbu, J. Blot, C. Buse, O. Saierli , <i>Stability for trajectories of periodic evolution families in Hilbert spaces</i> , Electronic Journal of Differential Equations , Vol. 2014 (2014), No. 01, pp. 1-13. (SRI 0.572 , IF 0.954) https://ejde.math.txstate.edu/Volumes/2014/01/barbu.pdf
11.	C. Buse, D. Lassoued, Nguyen ThanhLan, O. Saierli , <i>Exponential stability and uniform boundedness of solutions for nonautonomous periodic abstract Cauchy problems. An evolution semigroup approach</i> , Integral Equations Operator Theory , 74 (2012), Issue 3, 345-362 (SRI 1.293 , IF 0.635) https://link.springer.com/article/10.1007/s00020-012-1993-5
12.	O. Saierli , <i>Spectral mapping theorem for an evolution semigroup on a space of vector-valued almost-periodic functions</i> , Electronic Journal of Differential Equations , Vol. 2012 (2012), No. 175, pp. 1-9.(SRI 0.572 , IF 0.954) https://ejde.math.txstate.edu/Volumes/2012/175/saierli.pdf
13.	L. Cădariu , O. Saierli , <i>Fixed Points and Stability of Some Functional Equations</i> , Buletinul Științific al Universității "Politehnică" din Timișoara, Seria Matematică-Fizică , Tom 57(71), Fascicola 1, 2012 , pag. 56-67, editura Politehnica, ISSN 1224-6069.
14.	S. Arshad, C. Buse, O. Saierli , <i>Connections between exponential stability and boundedness of solutions of a couple of differential time varying periodic systems</i> , Electronic Journal of Qualitative Theory of Differential Equations , Vol. 90 (2011), pp. 1-16. (SRI 0.535 , IF 0.881) https://www.emis.de/journals/EJQTDE/p1060.pdf

*Unde SRI reprezintă valoarea maximă a Scorului relativ de influență pe ultimii 5 ani

** Unde IF reprezintă ultima valoare a Factorului de impact

IMPACTUL REZULTATELOR

Nr. Crt.	Articole citate în jurnale ISI cu maximul factorilor SRI pe ultimii 5 ani ≥ 0.5 Informații articol care citează: Informații articol citat
1.	D. Barbu C. Buse, A. Tabassum, <i>Hyers-Ulam stability and exponential dichotomy of linear differential periodic systems are equivalent</i> , Electronic Journal of Qualitative Theory of Differential Equations , 2015, Issue 55-59, p1-12. 12p (SRI 0.535)

	Citează articolul:	C. Bușe, O. Sailerli , A. Tabassum, <i>Spectral characterizations for Hyers-Ulam stability</i> , Electronic Journal of Qualitative Theory of Differential Equations , Issue 30, pp. 1-14, 2014 .
2.	JinRong Wang, Michal Fečkan, YingTian, <i>Stability Analysis for a General Class of Non-instantaneous Impulsive Differential Equations</i> , Mediterranean Journal of Mathematics , April 2017 (SRI 0.572)	
	Citează articolul:	Bușe, C., O'Regan, D., Sailerli, O. , Tabassum, A.: <i>Hyers-Ulam stability and discrete dichotomy for difference periodic systems</i> . Bull. Sci. Math. 140 , 908–934 (2016)
3.	J. Glück, <i>On weak decay rates and uniform stability of bounded linear operators</i> , Archiv der Mathematik , 104 (2015), 347-356, 2015 Springer Basel (SRI 0.843).	
	Citează articolul:	C. Buse, A. Khan, G. Rahmat, O. Sailerli , <i>Weak real integral characterizations for exponential stability of semigroups in reflexive spaces</i> , Semigroup Forum , Vol. 88, Issue 1, pag. 195-204, 2014.
4.	Zhenbin Fan, Qixiang Dong, Gang Li, <i>Almost exponential stability and exponential stability of resolvent operator families</i> , Semigroup Forum , 2016, Volume 93, Issue 3, pp 491–500 (SRI 0.752)	
	Citează articolul:	C. Buse, A. Khan, G. Rahmat, O. Sailerli , <i>Weak real integral characterizations for exponential stability of semigroups in reflexive spaces</i> , Semigroup Forum , Vol. 88, Issue 1, pag. 195-204, 2014.
5.	Michael Gil', <i>Semigroups of sums of two operators with small commutators</i> , Semigroup Forum , 1-9, First Online: 21 February 2018, (SRI 0.752)	
	Citează articolul:	C. Buse, A. Khan, G. Rahmat, O. Sailerli , <i>Weak real integral characterizations for exponential stability of semigroups in reflexive spaces</i> , Semigroup Forum , Vol. 88, Issue 1, pag. 195-204, 2014.
6.	N. Ahmad, H. Khalid, A. Zada, <i>Uniform Exponential Stability of Discrete Semigroup and Space of Asymptotically Almost Periodic Sequences</i> , Zeitschrift fur Analysis und Ihre Anwendungen , Vol. 34, Issue: 4, pp. 477-484, 2015 (SRI 0.703)	
	Citează articolul:	C. Bușe, D. Lassoued, Lan Thanh Nguyen, O. Sailerli , <i>Exponential stability and uniform boundedness of solutions for nonautonomous periodic abstract Cauchy problems. An evolution semigroup approach</i> , 2012, Integral Equations and Operator Theory , Vol. 74, Issue 3, pp. 345-362, 2012.
7.	D. Lassoued, <i>Exponential dichotomy of nonautonomous periodic systems in terms of the boundedness of certain periodic Cauchy problems</i> , Electronic Journal of Differential Equations , Vol. 2013 (2013), No. 89, pp. 1-7. (SRI 0.572)	
	Citează articolul:	S. Arshad, C. Bușe, O. Sailerli , <i>Connections between exponential stability and boundedness of solutions of a couple of differential time depending and periodic systems</i> , Electronic Journal of Qualitative Theory of Differential Equations , Issue 90, pp. 1-16, 2011.
8.	C. Bușe, Lan Thanh Nguyen, D. O'Regan, <i>Global and local versions for a Phong Vu theorem for periodic evolution families in Hilbert spaces</i> , Electronic Journal of Differential Equations , Vol. 2018 (2018), No. 188, pp. 1–12. (SRI 0.572)	
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	Citează articolul:	C. Bușe, D. O'Regan, O. Sailerli , <i>An inequality concerning the growth bound of an evolution family and the norm of a convolution operator</i> , Semigroup Forum , Vol. 94 (2017), 618-631.
10.	C. Bușe, Lan Thanh Nguyen, D. O'Regan, <i>Global and local versions for a Phong Vu theorem for periodic evolution families in Hilbert spaces</i> , Electronic Journal of Differential Equations , Vol. 2018 (2018), No. 188, pp. 1–12. (SRI 0.572)	
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		Theory , 74 (2012), no. 3, 345-362.
11.	C. Bușe, Lan Thanh Nguyen, D. O'Regan, <i>Global and local versions for a Phong Vu theorem for periodic evolution families in Hilbert spaces</i> , Electronic Journal of Differential Equations , Vol. 2018 (2018), No. 188, pp. 1–12. (SRI 0.572)	
	Citează articolul:	D. Barbu, J. Blot, C. Bușe, O. Saierli , <i>Stability for trajectories of periodic evolution families in Hilbert spaces</i> , Electron. J. Differential Equ. (2014), no. 1-13 pp.
12.	C. Bușe, Lan Thanh Nguyen, D. O'Regan, <i>Global and local versions for a Phong Vu theorem for periodic evolution families in Hilbert spaces</i> , Electronic Journal of Differential Equations , Vol. 2018 (2018), No. 188, pp. 1–12. (SRI 0.572)	
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13.	C. Bușe, Aftab Khan, Lan T. Nguyen, D. O'Regan, Gul Rahmat, <i>Asymptotic behavior of discrete evolution families in Banach spaces</i> , Applicable Analysis , (2018) 97:2, 160-178, DOI: 10.1080/00036811.2016.1257122 (SRI 0.832)	
	Citează articolul:	Buse C, O'Regan D, Saierli O . An inequality concerning the growth bound of a discrete evolution family on a complex Banach space. <i>J Differ Equ Appl.</i> 2016;22:904–912.

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Nr. crt.	Autor, An, Titlu, Pagini, Editura, Oraș, ISBN
1.	O. Vale , 2015, "Fundamentele algebrice ale informaticii. Îndrumător de curs și laborator", 168 pag., ed. Eurostampa, Timișoara, ISBN:978-606-32-01196
	O. Saierli , L. Pater, 2009, <i>Statistică. Aplicații economice</i> , 176 pag., ed. Eubeea, Timișoara, ISBN:978-973-673-168-6
2.	Carte citată de: L. Pater, N. Cociu, <i>Adjustment of time-series using the modified exponential for turnover forecast</i>, AIP Conf. Proc. 1648, 670005 (2015). http://dx.doi.org/10.1063/1.4912900 L. Pater, N. Cociu, <i>The evolution of the market share of competing brands modeled with Markov chains</i>, AIP Conf. Proc. 1648, 670005 (2015). http://dx.doi.org/10.1063/1.4912901