Universitatea "1 Decembrie 1918" din Alba Iulia

Facultatea de Stiinte Exacte si Ingineresti

Departamentul de Informatica, Matematica si Electronica

Lect. Univ. Dr. Popa Ioan-Lucian

Fişa de verificare a îndeplinirii standardelor minimale

Fişa de verificare a îndeplinirii standardelor minimale din Anexa 1 din ORDINUL nr. 6129 din 20 decembrie 2016, publicat în *Monitorul Oficial* cu numarul 123 bis din data de 15 februarie 2017

Comisia de Matematica

1. **Articole: Punctaj întrunit: S =7,523, S$_{recent}$ =6,103**

Nr. crt.	Articol, referinţa bibliografică (Autori, titlul articol, *revista*, vol. (anul), pag$_{început}$ - pag$_{sfârşit}$)	Publicat în ultimii 7 ani	SRI (scor relativ de influenta)	n$_i$ (nr . autori)	SRI/n$_i$

1.	I. L. Popa, T. Ceauşu, M. Megan, On exponential stability for linear discrete – time systems in Banach spaces, Computers & Mathematics with Applications, 63 (2012), 1497 – 1503 ISSN: 0898-1221		1.334 [2020]	3	0,444
2.	I. L. Popa, M. Megan, T. Ceauşu, Exponential dichotomies for linear discrete – time systems in Banach spaces, Applicable Analysis and Discrete Mathematics, 6 (2012), 140 – 155 ISSN: 1452-8630		1.176 [2020]	3	0,392
3.	N. Lupa, M. Megan, I.L. Popa, On weak exponential stability of evolution operators in Banach spaces, Nonlinear Analysis - Theory methods & Applications, 73(2010), 2445-2450 ISSN: 0362-546X		1.752 [2020]	3	0,584
4.	I. L. Popa, T. Ceauşu, M. Megan, Nonuniform power instability and Lyapunov sequences, Applied Mathematics and Computation, 247 (2014), 969-975 ISSN: 0096-3003	X	1.048 [2020]	3	0,349
5.	V. Dragan, S. Aberkane, I.-L. Popa, Optimal H_2 Filtering for Periodic Linear Stochastic Systems with Multiplicative White Noise Perturbations and Sampled Measurements, Journal of The Franklin Institute, Volume 352, Issue 12, December 2015, Pages 5985–6010 ISSN: 0016-0032	X	2.5 [2020]	3	0,833
6.	I.-L. Popa, T. Ceausu, M. Megan, Characterizations of the (h,k,\mu,\nu)-Trichotomy for Linear Time-Varying Systems, Mathematical Methods in the Applied Sciences 40 (2017), 6172-6177 ISSN: 0170-4214	X	0,812 [2016]	3	0,270
7.	M. Megan, I.-L. Popa, Exponential splitting for nonautonomous linear discrete-time systems in Banach spaces, Journal of Computational and Applied Mathematics, 312 (2017), 181-191 ISSN: 0377-0427	X	1.077 [2018]	2	0,538
8.	V. Dragan, S. Aberkane, I.-L. Popa, Optimal filtering for a class of Itô stochastic systems: The dichotomic case, Automatica 90, 47-53, 2018 ISSN: 0005-1098	X	5.273 [2020]	3	1,757

9.	L. E. Biris, T. Ceausu, C. L. Mihit, I.-L. Popa, Uniform Exponential Trisplitting - A New Criterion for Discrete Skew-Product Semiflows, Electronic Journal of Qualitative Theory of Differential Equations 70 (2019), 1-22 ISSN: 1417-3875	X	0.722 [2020]	4	0,180
10.	V. Dragan, I. G. Ivanov, I.-L. Popa, Stochastic Linear Quadratic Differential Games in a State Feedback Setting with Sampled Measurements, Systems & Control Letters 134(2019), 104563 ISSN: 0167-6911	X	2.276 [2019]	3	0,758
11.	I.-L. Popa, Lyapunov Functions for Random Semi-Dynamical Systems in Terms of Tempered Exponential Splitting, Mathematical Methods in the Applied Sciences, DOI: 10.1002/mma.6769, 2020 ISSN: 0170-4214	X	0,812 [2016]	1	0,812
12.	V. Dragan, I. Ivanov, I.-L. Popa, On the Closed Loop Nash Equilibrium Strategy for a Class of Sampled Data Stochastic Linear Quadratic Differential Games, Chaos, Solitons & Fractals, (137)2020, 109877, 1-9. ISSN: 0960-0779	X	1.445 [2018]	3	0,481
13.	A Zada, J Alzabut, H Waheed, I.-L. Popa, Ulam–Hyers stability of impulsive integrodifferential equations with Riemann–Liouville boundary conditions, Advances in Difference Equations 2020 (1), 1-50 , ISSN: 1687-1847	X	0.503 [2020]	4	0,125
Total:		**S = 7,523**			
		S_recent =6,103			

2. Citări în reviste cu SRI ≥ 0.5 -- selecţie   Punctaj întrunit: C = 26

Articolul citat *(Autori, titlul articol, revista, vol. (anul), pag$_{început}$ - pag$_{sfârşit}$)*	Nr. crt. citare	Revista şi articolul în care a fost citat *(Autori, titlul articol, revista, vol. (anul), pag$_{început}$ - pag$_{sfârşit}$)*	SRI (scor relativ de influenta)
I.-L. Popa, T. Ceauşu, M. Megan, Nonuniform power instability and Lyapunov sequences, Applied Mathematics and Computation, 247 (2014), 969-975	1.	A.R. Tavakolpour-Saleh, Shahryar Zare, An averaging-based Lyapunov technique to design thermal oscillators: A case study on free piston Stirling engine, Energy 189 (2019) 116-127 ISSN: 0360-5442	2,752 [2019]
	2.	H. Ahmadi, A. Kazemi, The Lyapunov-based stability analysis of reduced order micro-grid via uncertain LMI condition, International Journal of Electrical Power & Energy Systems Volume 117, May 2020, 105585 ISSN: 0142-0615	1,569 [2019]
I.-L. Popa, T. Ceauşu, M. Megan, On exponential stability for linear discrete – time systems in Banach spaces, Computers & Mathematics with Applications, 63 (2012), 1497 – 1503	3.	H. Bourlès, B. Marinescu, U. Oberst, Exponentially Stable Linear Time-Varying Discrete Behaviors, SIAM Journal on Control and Optimization, 53(5), 2725–2761 ISSN: 0363-0129	2,447 [2017]
	4.	N. Lupa, L.H. Popescu, A complete characterization of exponential stability for discrete dynamics, Journal of Difference Equations and Applications Volume 23, 2017 - Issue 12, 2017, pp. 2072-2092 ISSN: 1023-6198	0,605 [2017]
	5.	D. Dragicevic, Barbashin-type conditions for exponential stability of linear cocycles, Monatshefte für Mathematik, 2020, https://doi.org/10.1007/s00605-020-01438-z ISSN: 0026-9255	0,974 [2017]
I.-L. Popa, M. Megan, T. Ceausu, On h-trichotomy of linear discrete-time systems in Banach spaces,	6.	C. Zhang, M. Fan, J. Zhang, Existence and Roughness of Nonuniform (h,k,μ,v)-Trichotomy for Nonautonomous Differential Equations, Rocky	0,616 [2017]

Acta Universitatis Apulensis 39(2014), 329-339		Mountain Journal of Mathematics, Volume 48, Number 8 (2018), 2751-2783 ISSN: 0035-7596	
V. Dragan, S. Aberkane, I.-L. Popa, Optimal filtering for a class of linear Itô stochastic systems: The dichotomic case, Automatica 90(2018), 47-53	**7.**	J. Zhang, X. He, D. Zhou, Distributed Filtering over Wireless Sensor Networks with Parameter and Topology Uncertainties, International Journal of Control, 93(4), 2020, pp. 910-921 ISSN: 0020-7179	1,249 [2017]
	8.	X. Wang, M. Arif, A. Zada, beta–Hyers–Ulam–Rassias Stability of Semilinear Nonautonomous Impulsive System, Symmetry 2019, 11, 231. ISSN: 2073-8994	1,098 [2017]
	9.	Y. Sun, S. Kong G. Cui, Y. Zhang, Optimal filtering for time-varying stochastic system with delay and multiplicative noise, IEEE Access, 7(2019), pp. 44239-44246, ISSN: 2169-3536	2,341 [2017]
V. Dragan, S. Aberkane, I.-L. Popa, Optimal H_2 Filtering for Periodic Linear Stochastic Systems with Multiplicative White Noise Perturbations and Sampled Measurements, Journal of The Franklin Institute, Volume 352, Issue 12, December 2015, Pages 5985–6010	**10.**	Xinmin Song; Ju H. Park, Xuehua Yan, Linear Estimation for Measurement-Delay Systems with Periodic Coefficients and Multiplicative Noise, IEEE Transactions on Automatic Control Volume: 62, Issue: 8, Aug. 2017, pp. 4124-4130 ISSN: 0018-9286	4,657 [2017]
	11.	J.-Y. Li, R. Lu, Y. Xu, H. Peng, H.-X. Rao, Distributed state estimation for periodic systems with sensor nonlinearities and successive packet dropouts, Neurocomputing, Volume 237, 10 May 2017, Pages 50-58 ISSN: 0925-2312	1,126 [2017]
	12.	B. Zhu, Z. Zhang, D. Zhou, J. Ma, S. Li, Prediction-based sampled-data H∞ controller design for attitude stabilisation of a rigid spacecraft with disturbances, International Journal of Systems Science, Volume 48, 2017 - Issue 11, Pages 2356-2367 ISSN: 0020-7721	0,870 [2017]
	13.	X. Song, W.X. Zheng, Linear estimation for discrete-time periodic systems with unknown measurement input and missing measurements, ISA Transactions, Volume 95, December 2019, Pages 164-172, ISSN: 0019-0578	2,110 [2017]

	14.	V Dragan, IG Ivanov, On the stochastic linear quadratic control problem with piecewise constant admissible controls, Journal of the Franklin Institute, Volume 357, Issue 3, February 2020, Pages 1532-1559, ISSN: 0016-0032	2,407 [2017]
	15.	J.-C. Cortes, A. Navarro-Quiles, J.-V. Romero, M.-D. Rosello, Enrique Zuazua, Full probabilistic solution of a finite dimensional linear control system with random initial and final conditions, Journal of the Franklin Institute, 2020, https://doi.org/10.1016/j.jfranklin.2020.06.005 ISSN: 0016-0032	2,407 [2017]
G.M. Babutia, M. Megan, I.-L. Popa, On (h,k)-Dichotomies for Nonautonomous Linear Difference Equations in Banach Spaces, International Journal of Differential Equations, ID 761680, 7 pag., vol. 2013	**16.**	M.G. Babuția, M Megan, Nonuniform Exponential Dichotomy for Discrete Dynamical Systems in Banach Spaces, Mediterranean Journal of Mathematics August 2016, Volume 13, Issue 4, pp 1653–1667 ISSN: 1660-5446	0,553 [2017]
	17.	A.J.G. Bento, N. Lupa, M. Megan, C.M. Silva, Integral Conditions for Nonuniform μ-dichotomy on the Half-Line, Discrete & Continuous Dynamical Systems - Series B . Oct 2017, Vol. 22 Issue 8, 3063-3077. ISSN: 1531-3492	1,025 [2017]
	18.	P. Atanasova, A. Georgieva, M. Konstantinov, Dichotomous solutions of linear impulsive differential equations, Mathematical Methods in the Applied Sciences Volume 41, Issue5 30 March 2018, Pages 1753-1760 ISSN: 0170-4214	0,812 [2017]
I.-L. Popa, M. Megan, T. Ceauşu, Exponential dichotomies for linear discrete-time systems in Banach spaces, Appl. Anal. Discrete Math., 6(2012), 140-155	**19.**	M.G. Babuția, M Megan, Nonuniform Exponential Dichotomy for Discrete Dynamical Systems in Banach Spaces, Mediterranean Journal of Mathematics August 2016, Volume 13, Issue 4, pp 1653–1667 ISSN: 1660-5446	0,553 [2017]
	20.	N. Lupa, L.H. Popescu, A complete characterization of exponential stability for discrete dynamics, Journal of Difference Equations and	0,605 [2017]

		Applications Volume 23, 2017 - Issue 12, 2017, pp. 2072-2092 ISSN: 1023-6198	
I.-L. Popa, M. Megan, T. Ceauşu, Nonuniform exponential dichotomies in terms of Lyapunov functions for noninvertible linear discrete – time systems, The Scientific World Journal (2013), ID 901026, 7 pages	**21.**	M.G. Babuţia, M. Megan, Nonuniform Exponential Dichotomy for Discrete Dynamical Systems in Banach Spaces, Mediterranean Journal of Mathematics, August 2016, Volume 13, Issue 4, pp 1653–1667 ISSN: 1660-5446	0,553 [2017]
N. Lupa, M. Megan, I.-L. Popa, On weak exponential stability of evolution operators in Banach spaces, Nonlinear Analysis - Theory methods & Applications, 73(2010), 2445-2450	**22.**	N. Lupa, M. Megan, Exponential dichotomies of evolution operators in Banach spaces, Monatshefte für Mathematik, 2014, Volume 174, Issue 2, pp 265-284 ISSN: 0026-9255	0,974 [2017]
	23.	N. Lupa, L. H. Popescu, Admissible Banach functions spaces and nonuniform stabilities, Mediterranean Journal of Mathematics **17,** 105 (2020), ISSN: 1660-5446	0,553 [2017]
Megan, M.; Popa, I.-L. Exponential splitting for nonautonomous linear discrete-time systems in Banach spaces. J. Comput. Appl. Math. 2017, 312, 181–191.	**24.**	X. Wang, M. Arif, A. Zada, beta–Hyers–Ulam–Rassias Stability of Semilinear Nonautonomous Impulsive System, Symmetry 2019, 11, 231; doi:10.3390/sym11020231	1,098 [2017]
A. Zada, J. Alzabut, H. Waheed, I.-L. Popa, Ulam–Hyers stability of impulsive integrodifferential equations with Riemann–Liouville	**25.**	S. Rezapour, M. E. Samei, On the existence of solutions for a multi-singular pointwise defined fractional q-integro-differential equation, Boundary Value Problems volume 2020, Article number: 38 (2020) ISSN: 1687-2770	0,537 [2019]

boundary conditions, Advances in Difference Equations 2020 (1), 1-50	**26.**	A. Zada, L. Alam, P.Kumam, W. Kumam, G. Ali, J. Alzabut, Controllability of impulsive non–linear delay dynamic systems on time scale, May 2020, IEEE Access, 8(2020), 93830-93839 ISSN: 2169-3536	2,341 [2017]

3. Situaţia îndeplinirii standardelor minimale de Profesor – Comisia de Matematica

Punctaj întrunit	$S = 7.523$, $S_{recent} = 6.103$, $C = 26$
Îndeplinirea standardelor minimale de Profesor ($S \geq 5$, $S_{recent} \geq 2.5$, $C \geq 12$)	**Indeplinit**

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Alte citări în reviste ISI

https://scholar.google.ro/citations?hl=en&authuser=0&pli=1&user=VYp9uboAAAAJ