Universitatea de Vest din Timişoara
Facultatea de Matematică şi Informatică
Conf. Dr. BOGDAN SASU

Fişa de verificare a standardelor minimale

Punctaj întrunit: Articole: I = 14.07384, I_{recent} = 8.10643; Citări: 80

Nr. crt.	Articol, referinţa bibliografică (Autori, titlul articol, *revista*, vol. (anul), $pag_{început}$ - $pag_{sfârşit}$)	Publicat în ultimii 7 ani	s_i (scor relativ de influenţă)	n_i	s_i/n_i
1.	B. Sasu, Input-output control systems and dichotomy of variational difference equations, Journal of Difference Equations and Applications, 17 (2011), 889–913.	DA	0.50311	1	0.50311
2.	B. Sasu, Integral conditions for exponential dichotomy: a nonlinear approach, Bulletin des Sciences Mathematiques, 134 (2010), 235-246.	DA	1.04348	1	1.04348
3.	B. Sasu, On exponential dichotomy of variational difference equations, Discrete Dynamics in Nature and Society, Volume 2009, Article ID 324273, 1-18.	DA	0.53294	1	0.53294
4.	B. Sasu, On dichotomous behavior of variational difference equations and applications, Discrete Dynamics in Nature and Society, Volume 2009, Article ID 140369, 1-16.	DA	0.53294	1	0.53294
5.	B. Sasu, Robust stability and stability radius for variational control systems, Abstract and Applied Analysis, Volume 2008, Article ID 381791, 1-29.	DA	0.78416	1	0.78416
6.	B. Sasu, New criteria for exponential expansiveness of variational difference equations, Journal of Mathematical Analysis and Applications, 327 (2007), 287-297.	DA	1.11491	1	1.11491
7.	B. Sasu, Uniform dichotomy and exponential dichotomy of evolution families on the half-line, Journal of Mathematical Analysis and Applications, 323 (2006), 1465-1478.	NU	1.11491	1	1.11491
8.	B. Sasu, A. L. Sasu, On the dichotomic behavior of discrete dynamical systems on the half-line, Discrete and Continuous Dynamical Systems, 33 (2013), 3057-3084.	DA	1.40528	2	0.70264
9.	A. L. Sasu, M. G. Babuţia, B. Sasu, Admissibility and nonuniform exponential dichotomy on the half-line, Bulletin des Sciences Mathematiques, 137 (2013), 466-484.	DA	1.04348	3	0.34782

10.	B. Sasu, A. L. Sasu, Nonlinear criteria for the existence of the exponential trichotomy in infinite dimensional spaces, Nonlinear Analysis, 74 (2011), 5097-5110.	DA	0.87733	2	0.43866
11.	A. L. Sasu, B. Sasu, Input-output admissibility and exponential trichotomy of difference equations, Journal of Mathematical Analysis and Applications, 380 (2011), 17-32.	DA	1.11491	2	0.55745
12.	A. L. Sasu, B. Sasu, Translation invariant spaces and asymptotic properties of variational equations, Abstract and Applied Analysis, (2011), Article ID 539026, 1-36.	DA	0.78416	2	0.39208
13.	A. L. Sasu, B. Sasu, Integral equations in the study of the asymptotic behavior of skew-product flows, Asymptotic Analysis, 68 (2010), 135-153.	DA	0.98602	2	0.49301
14.	A. L. Sasu, B. Sasu, Integral equations, dichotomy of evolution families on the half-line and applications, Integral Equations and Operator Theory, 66 (2010), 113-140.	DA	0.82336	2	0.41168
15.	A. L. Sasu, B. Sasu, Exponential trichotomy for variational difference equations, Journal of Difference Equations and Applications, 15 (2009), 693-718.	DA	0.50311	2	0.25155
16.	B. Sasu, A. L. Sasu, Exponential dichotomy and (l^p, l^q)-admissibility on the half-line, Journal of Mathematical Analysis and Applications, 316 (2006), 397-408.	NU	1.11491	2	0.55745
17.	B. Sasu, A. L. Sasu, Input-output conditions for the asymptotic behavior of linear skew-product flows and applications, Communications on Pure and Applied Analysis, 5 (2006), 551-569.	NU	1.06988	2	0.53494
18.	B. Sasu, A. L. Sasu, Exponential trichotomy and p-admissibility for evolution families on the real line, Mathematische Zeitschrift, 253 (2006), 515-536.	NU	1.49003	2	0.74501
19.	A. L. Sasu, B. Sasu, Exponential dichotomy on the real line and admissibility of function spaces, Integral Equations and Operator Theory, 54 (2006), 113-130.	NU	0.82336	2	0.41168
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21.	A. L. Sasu, B. Sasu, Exponential stability for linear skew-product flows, Bulletin des Sciences Mathematiques, 128 (2004), 727-738.	NU	1.04348	2	0.52174
22.	B. Sasu, A. L. Sasu, Stability and stabilizability for linear systems of difference equations, Journal of Difference Equations and Applications, 10 (2004), 1085-1105.	NU	0.50311	2	0.25155
23.	M. Megan, A. L. Sasu, B. Sasu, Perron conditions for pointwise and global exponential dichotomy of linear skew-product flows, Integral Equations and Operator Theory, 50 (2004), 489-504.	NU	0.82336	3	0.27445
24.	M. Megan, A. L. Sasu, B. Sasu, Discrete admissibility and exponential dichotomy for evolution families, Discrete and Continuous Dynamical Systems, 9 (2003), 383-397.	NU	1.40528	3	0.46842
25.	M. Megan, A. L. Sasu, B. Sasu, Perron conditions for uniform exponential expansiveness of linear	NU	0.84758	3	0.28253

	skew-product flows, Monatshefte fur Mathematik, 138 (2003), 145-157.				
26.	M. Megan, B. Sasu, A. L. Sasu, On nonuniform exponential dichotomy of evolution operators in Banach spaces, Integral Equations and Operator Theory, 44 (2002), 71-78.	NU	0.82336	3	0.27445
Total:		**I = 14.07384**			
		I_{recent} = 8.10643			

Citări: 80

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), $pag_{început}$ - $pag_{sfârşit}$)*	**s_i** (scor relativ de influenţă)
B. Sasu, Uniform dichotomy and exponential dichotomy of evolution families on the half-line, Journal of Mathematical Analysis and Applications, 323 (2006), 1465-1478	1.	Jimin Zhang, Xiaoyuan Chang, Jinliang Wang, Existence and robustness of nonuniform (h, k, μ, ν)-dichotomies for nonautonomous impulsive differential equations, Journal of Mathematical Analysis and Applications, 400 (2013), 710-723	1.11491
	2.	C. Pötzsche, A functional-analytical approach to the asymptotics of recursions, Proceedings of the American Mathematical Society, 137 (2009), 3297-3307	1.06056
	3.	A. L. Sasu, Integral equations on function spaces and dichotomy on the real line, Integral Equations and Operator Theory, 58 (2007), 133-152	0.82336
B. Sasu, Robust stability and stability radius for variational control systems, Abstract and Applied Analysis, Volume 2008, Article ID 381791, 1-29	4.	M. De la Sen, Asymptotic comparison of the solutions of linear time-delay systems with point and distributed lags with those of their limiting equations, Abstract and Applied Analysis, Volume 2009, Article ID 216746, 1-37	0.78416
	5.	M. De la Sen, On the characterization of Hankel and Toeplitz operators describing switched linear dynamic systems with point delays, Abstract and Applied Analysis, Volume 2009, Article ID 670314, 1-34	0.78416
B. Sasu, Integral conditions for exponential dichotomy: a nonlinear approach, Bulletin des Sciences Mathematiques, 134 (2010), 235-246	6.	Jimin Zhang, Xiaoyuan Chang, Jinliang Wang, Existence and robustness of nonuniform (h, k, μ, ν)-dichotomies for nonautonomous impulsive differential equations, Journal of Mathematical Analysis and Applications, 400 (2013), 710--723	1.11491
B. Sasu, Stability of difference equations and applications to robustness problems, Advances in Difference Equations (2010), Art. ID 869608, 1--24	7.	E. Braverman, I. M. Karabash, Bohl-Perron-type stability theorems for linear difference equations with infinite delay, Journal of Difference Equations and Applications, 18 (2012), 909-939	0.50311

B. Sasu, A. L. Sasu, Input-output conditions for the asymptotic behavior of linear skew-product flows and applications, Communications on Pure and Applied Analysis, 5 (2006), 551-569	8.	Jimin Zhang, Xiaoyuan Chang, Jinliang Wang, Existence and robustness of nonuniform (h, k, μ, ν)-dichotomies for nonautonomous impulsive differential equations, Journal of Mathematical Analysis and Applications, 400 (2013), 710-723	1.11491
	9.	L. Barreira, C. Valls, Noninvertible cocycles: Robustness of exponential dichotomies, Discrete and Continuous Dynamical Systems Series A, 32 (2012), 4111-4131	1.40528
	10.	L. Barreira, C. Valls, Robust nonuniform dichotomies and parameter dependence, Journal of Mathematical Analysis and Applications, 373 (2011), 690-708	1.11491
	11.	A. L. Sasu, Exponential dichotomy and dichotomy radius for difference equations, Journal of Mathematical Analysis and Applications, 344 (2008), 906-920	1.11491
	12.	A. L. Sasu, Integral equations on function spaces and dichotomy on the real line, Integral Equations and Operator Theory, 58 (2007), 133-152	0.82336
B. Sasu, A. L. Sasu, Stability and stabilizability for linear systems of difference equations, Journal of Difference Equations and Applications, 10 (2004), 1085-1105	13.	R. Medina, Stabilization of slowly time-varying discrete systems with state delays, Journal of Difference Equations and Applications, 19 (2013), 667-679	0.50311
	14.	E. Braverman, B. Karpuz, Uniform exponential stability of first-order dynamic equations with several delays, Applied Mathematics and Computation, 218 (2012), 10468–-10485	0.60559
	15.	E. Braverman, I. M. Karabash, Bohl-Perron-type stability theorems for linear difference equations with infinite delay, Journal of Difference Equations and Applications, 18 (2012), 909-939	0.50311
	16.	R. Medina, Local stabilization of abstract discrete-time systems, Journal of Difference Equations and Applications, 18 (2012), 1735-1749	0.50311
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	18.	R. Medina, Exponential stabilization of nonlinear discrete-time systems, Journal of Difference Equations and Applications, 17 (2011), 697-708	0.50311
	19.	A. L. Sasu, On exact controllability of variational discrete systems, Applied Mathematics Letters, 23 (2010), 101-104	0.74689
	20.	R. Medina, Stabilizability for nonlinear systems of difference equations, International Journal of Robust and Nonlinear Control, 20 (2010), 1156-1165	2.03819
	21.	N. Apreutesei, V. Volpert, Solvability conditions for infinite systems of difference equations, Journal of Difference Equations and Applications 15 (2009), 659 - 678	0.50311
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	23.	H. Leiva, J. Uzcategui, Exact controllability for semilinear difference equation and application, Journal of Difference Equations and Applications, 14 (2008), 671 - 679	0.50311

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	27.	L. Barreira, C. Valls, Admissibility versus nonuniform exponential behavior for noninvertible cocycles, Discrete and Continuous Dynamical Systems Series A, 33 (2013), 1297--1311	1.40528
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	29.	A. L. Sasu, Exponential dichotomy for evolution families on the real line, Abstract and Applied Analysis (2006), Article ID 31641, 1-16	0.78416
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	32.	A. G. Baskakov, Analysis of linear differential equations by methods of the spectral theory of difference operators and linear relations, Russian Mathematical Surveys 68 (2013), 69–116	0.83618
	33.	A. G. Baskakov, Spectral analysis of differential operators with unbounded operator-valued coefficients, difference relations and semigroups of difference relations, Izvestiya: Mathematics, 73 (2009), 215-278	0.99715
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	35.	C. Preda, A discrete Perron-Ta Li type theorem for the dichotomy of evolution operators, Journal of Mathematical Analysis and Applications, 332 (2007), 727-734	1.11491
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	51.	D. Stoica, Uniform exponential dichotomy of stochastic cocycles, Stochastic Processes and their Applications, 120 (2010), 1920-1928	1.50827
	52.	M. Megan, C. Stoica, On uniform exponential stability for skew-evolution semiflows on Banach spaces, Nonlinear Analysis: Theory Methods and Applications, 72 (2010), 1305-1313	0.87733

	53.	Bin-Guo Wang, Zhi-Cheng Wang, Exponential dichotomy and admissibility of linearized skew-product semiflows defined on a compact positively invariant subset of semiflows, Nonlinear Analysis: Real World Applications, 10 (2009), 2062–2071	0.97050
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Conf. dr. Bogdan Sasu

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