Bogdan Sasu

List of Publications by Year
in descending order

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47	648	516710	610901
papers	citations	16 h-index	24 g-index

48	48	48	57
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	On Stability of Discrete Dynamical Systems: From Global Methods to Ergodic Theory Approaches. Journal of Dynamics and Differential Equations, 2022, 34, 1107-1137.	1.9	4
2	Input-output criteria for stability and expansiveness of dynamical systems. Applied Mathematics and Computation, 2022, 414, 126574.	2.2	2
3	Nonuniform input-output criteria for exponential expansiveness of discrete dynamical systems and applications. Journal of Mathematical Analysis and Applications, 2022, 515, 126436.	1.0	2
4	Strong exponential dichotomy of discrete nonautonomous systems: Input-output criteria and strong dichotomy radius. Journal of Mathematical Analysis and Applications, 2021, 504, 125373.	1.0	3
5	On the asymptotic behavior of discrete dynamical systems - An ergodic theory approach. Journal of Differential Equations, 2020, 268, 4786-4829.	2.2	10
6	Admissibility criteria for nonuniform dichotomic behavior of nonautonomous systems on the whole line. Applied Mathematics and Computation, 2020, 378, 125167.	2.2	3
7	Exponential trichotomy and (r, p)-admissibility for discrete dynamical systems. Discrete and Continuous Dynamical Systems - Series B, 2017, 22, 3199-3220.	0.9	0
8	Admissibility and exponential trichotomy of dynamical systems described by skew-product flows. Journal of Differential Equations, 2016, 260, 1656-1689.	2.2	20
9	A Zabczyk type method for the study of the exponential trichotomy of discrete dynamical systems. Applied Mathematics and Computation, 2014, 245, 447-461.	2.2	4
10	Discrete admissibility and exponential trichotomy of dynamical systems. Discrete and Continuous Dynamical Systems, 2014, 34, 2929-2962.	0.9	18
11	On the asymptotic behavior of autonomous systems. Asymptotic Analysis, 2013, 83, 303-329.	0.5	1
12	Admissibility and nonuniform exponential dichotomy on the half-line. Bulletin Des Sciences Mathematiques, 2013, 137, 466-484.	1.0	15
13	On the dichotomic behavior of discrete dynamical systems on the half-line. Discrete and Continuous Dynamical Systems, 2013, 33, 3057-3084.	0.9	30
14	Inputâ€“output control systems and dichotomy of variational difference equations. Journal of Difference Equations and Applications, 2011, 17, 889-913.	1.1	8
15	Integral Equations and Exponential Trichotomy of Skew-Product Flows. Advances in Difference Equations, 2011, 2011, 918274.	3.5	3
16	Nonlinear criteria for the existence of the exponential trichotomy in infinite dimensional spaces. Nonlinear Analysis: Theory, Methods & Applications, 2011, 74, 5097-5110.	1.1	12
17	Inputâ€“output admissibility and exponential trichotomy of difference equations. Journal of Mathematical Analysis and Applications, 2011, 380, 17-32.	1.0	13
18	Translation Invariant Spaces and Asymptotic Properties of Variational Equations. Abstract and Applied Analysis, 2011, 2011, 1-36.	0.7	1

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19	Integral Equations, Dichotomy of Evolution Families on the Half-Line and Applications. Integral Equations and Operator Theory, 2010, 66, 113-140.	0.8	13
20	Integral conditions for exponential dichotomy: A nonlinear approach. Bulletin Des Sciences Mathematiques, 2010, 134, 235-246.	1.0	14
21	Stability of Difference Equations and Applications to Robustness Problems. Advances in Difference Equations, 2010, 2010, 1-25.	3.5	1
22	Integral equations in the study of the asymptotic behavior of skew-product flows. Asymptotic Analysis, 2010, 68, 135-153.	0.5	4
23	Stability of Difference Equations and Applications to Robustness Problems. Advances in Difference Equations, 2010, 2010, 869608.	3.5	3
24	On Exponential Dichotomy of Variational Difference Equations. Discrete Dynamics in Nature and Society, 2009, 2009, 1-18.	0.9	8
25	On Dichotomous Behavior of Variational Difference Equations and Applications. Discrete Dynamics in Nature and Society, 2009, 2009, 1-16.	0.9	5
26	Exponential trichotomy for variational difference equations. Journal of Difference Equations and Applications, 2009, 15, 693-718.	1.1	25
27	Robust Stability and Stability Radius for Variational Control Systems. Abstract and Applied Analysis, 2008, 2008, 1-29.	0.7	7
28	New criteria for exponential expansiveness of variational difference equations. Journal of Mathematical Analysis and Applications, 2007, 327, 287-297.	1.0	20
29	Exponential dichotomy and trichotomy of difference equations. Journal of Mathematical Analysis and Applications, 2006, 316, 65-91.	1.0	44
30	Uniform dichotomy and exponential dichotomy of evolution families on the half-line. Journal of Mathematical Analysis and Applications, 2006, 323, 1465-1478.	1.0	26
31	Exponential Dichotomy on the Real Line and Admissibility of Function Spaces. Integral Equations and Operator Theory, 2006, 54, 113-130.	0.8	29
32	Exponential trichotomy and p-admissibility for evolution families on the real line. Mathematische Zeitschrift, 2006, 253, 515-536.	0.9	33
33	Input-output conditions for the asymptotic behavior of linear skew-product flows and applications. Communications on Pure and Applied Analysis, 2006, 5, 551-569.	0.8	26
34	Generalizations of a theorem of Rolewicz. Applicable Analysis, 2005, 84, 1165-1172.	1.3	5
35	Uniform Exponential Dichotomy and Admissibility for Linear Skew-Product Semiflows. , 2004, , 185-195.		4
36	A lower bound for the stability radius of time-varying systems. Proceedings of the American Mathematical Society, 2004, 132, 3653-3659.	0.8	10

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37	Exponential Expansiveness and Complete Admissibility For Evolution Families. Czechoslovak Mathematical Journal, 2004, 54, 739-749.	0.3	5
38	Perron Conditions for Pointwise and Global Exponential Dichotomy of Linear Skew-Product Flows. Integral Equations and Operator Theory, 2004, 50, 489-504.	0.8	16
39	Exponential stability for linear skew-product flows. Bulletin Des Sciences Mathematiques, 2004, 128, 727-738.	1.0	10
40	Stability and Stabilizability for Linear Systems of Difference Equations. Journal of Difference Equations and Applications, 2004, 10, 1085-1105.	1.1	38
41	Exponential instability of linear skew-product semiflows in terms of Banach function spaces. Resultate Der Mathematik, 2004, 45, 309-318.	0.2	7
42	Perron Conditions for Uniform Exponential Expansiveness of Linear Skew-Product Flows. Monatshefte Fur Mathematik, 2003, 138, 145-157.	0.9	19
43	Theorems of Perron type for uniform exponential dichotomy of linear skew-product semiflows.. Bulletin of the Belgian Mathematical Society - Simon Stevin, 2003, 10, .	0.2	29
44	Discrete admissibility and exponential dichotomy for evolution families. Discrete and Continuous Dynamical Systems, 2002, 9, 383-397.	0.9	18
45	Stabilizability and controllability of systems associated to linear skew-product semiflows. Revista Matematica Complutense, 2002, 15, 599.	1.2	13
46	On nonuniform exponential dichotomy of evolution operators in Banach spaces. Integral Equations and Operator Theory, 2002, 44, 71-78.	0.8	50
47	Exponential stability and unstability of semigroups of linear operators in Banach spaces. Mathematical Inequalities and Applications, 2002, , 557-567.	0.2	2