Universitatea de Vest din Timișoara  
Facultatea de Matematică și Informatică  
Conf. Dr. ADINA LUMINIȚA SASU

Fișa de verificare a standardelor minimale necesare și obligatorii pentru conferirea atestatului de abilitare

I. Articole publicate în reviste în reviste cu \( S_i \geq 0.5 \)

**Punctaj întrunit**  \( I = 14.1076, \ I_{\text{recent}} = 6.6763; \ \text{Standarde minimale:} \ I \geq 5, \ I_{\text{recent}} \geq 2.5 \)

<table>
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<tr>
<th>Nr. publicației</th>
<th>Referința bibliografică</th>
<th>Publicat în ultimii 7 ani</th>
<th>( s_i ) (scor relativ de influență)</th>
<th>( n_i ) (numărul de autori ai articolului)</th>
<th>( s_i/n_i )</th>
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<tr>
<td>1.</td>
<td>A. L. Sasu, On exact controllability of variational discrete systems, Applied Mathematics Letters, 23 (2010), 101-104.</td>
<td>DA</td>
<td>0.854</td>
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<td>3.</td>
<td>A. L. Sasu, Integral equations on function spaces and dichotomy on the real line, Integral Equations and Operator Theory, 58 (2007), 133-152.</td>
<td>DA</td>
<td>0.827</td>
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<tr>
<td>5.</td>
<td>A. L. Sasu, Exponential dichotomy for evolution families on the real line, Abstract and Applied Analysis (2006), Article ID 31641, 1-16.</td>
<td>NU</td>
<td>0.549</td>
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Valorile scorului relativ de influență sunt cele din ultima ediție publicată de UEFISCDI (în 12 septembrie 2013), disponibilă pe site-ul UEFISCDI la adresa: http://uefiscdi.gov.ro/articole/3055/Scorul-relativ-de-influenta.html


| Total: | I = 14.1076 |
|       | I_recent = 6.6763 |

II. Citări în reviste cu $s_i \geq 0.5$  
Punctaj întrunit: $C = 124$;  
Standarde minimale: $C \geq 12$

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<tr>
<td>13.</td>
<td>B. Sasu, Robust stability and stability radius for variational control systems, Abstract and Applied Analysis, Volume 2008, Article ID 381791, 1-29</td>
<td>0.549</td>
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<tr>
<td>16.</td>
<td>B. Sasu, Integral conditions for exponential dichotomy: a nonlinear approach, Bulletin des Sciences Mathematiques, 134 (2010), 235-246</td>
<td>0.817</td>
<td></td>
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<tr>
<td>17.</td>
<td>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</td>
<td>1.037</td>
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<td>32.</td>
<td>M. Megan, C. Stoica</td>
<td>On uniform exponential trichotomy of evolution operators in Banach spaces</td>
<td>Integral Equations and Operator Theory, 60 (2008), 499-506</td>
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<tr>
<td>33.</td>
<td>B. Sasu</td>
<td>Uniform dichotomy and exponential dichotomy of evolution families on the half-line</td>
<td>Journal of Mathematical Analysis and Applications, 323 (2006), 1465-1478</td>
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<td>34.</td>
<td>B. Sasu</td>
<td>Generalizations of a theorem of Rolewicz</td>
<td>Applicable Analysis 84 (2005), 1165-1172</td>
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<tr>
<td>37.</td>
<td>E. Braverman, B. Karpuz</td>
<td>Uniform exponential stability of first-order dynamic equations with several delays</td>
<td>Applied Mathematics and Computation, 218 (2012), 10468-10485</td>
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<td>38.</td>
<td>E. Braverman, I. M. Karabash</td>
<td>Bohl-Perron-type stability theorems for linear difference equations with infinite delay</td>
<td>Journal of Difference Equations and Applications, 18 (2012), 909-939</td>
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<td>42.</td>
<td>B. Sasu</td>
<td>Input-output control systems and dichotomy of variational difference equations</td>
<td>Journal of Difference Equations and Applications, 17 (2011), 889–913</td>
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<td>45.</td>
<td>N. Apreutesei, V. Volpert</td>
<td>Solvability conditions for infinite systems of difference equations</td>
<td>Journal of Difference Equations and Applications 15 (2009), 659-678</td>
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<td>46.</td>
<td>H. Leiva, J. Uzcategui</td>
<td>Exact controllability for semilinear difference equation and application</td>
<td>Journal of Difference Equations and Applications, 14 (2008), 671-679</td>
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<td>47.</td>
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<td>49.</td>
<td>B. Sasu, A. L. Sasu, Exponential dichotomy and ((\ell^p, \ell^q))-admissibility on the half-line, Journal of Mathematical Analysis and Applications, 316 (2006), 397-408</td>
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<td>52.</td>
<td>Jimin Zhang, Xiaoyuan Chang, Jinliang Wang, Existence and robustness of nonuniform ((h, k, \mu, v))-dichotomies for nonautonomous impulsive differential equations, Journal of Mathematical Analysis and Applications, 400 (2013), 710-723</td>
<td>1.061</td>
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<td>53.</td>
<td>L. Barreira, C. Valls, Admissibility versus nonuniform exponential behavior for noninvertible cocycles, Discrete and Continuous Dynamical Systems Series A, 33 (2013), 1297-1311</td>
<td>1.465</td>
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<td>63.</td>
<td>H. Leiva, J. Uzcategui</td>
<td>Exact controllability for semilinear difference equation and application, Journal of Difference Equations and Applications, 14 (2008), 671-679</td>
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<td>67.</td>
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<td>Generalizations of a theorem of Rolewicz, Applicable Analysis 84 (2005), 1165-1172</td>
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<td>68.</td>
<td>Pham Viet Hai</td>
<td>Discrete and continuous versions of Barbashin-type theorem of linear skew-evolution semiflows, Applicable Analysis, 90 (2011), 1897-1907</td>
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<td>69.</td>
<td>Pham Viet Hai</td>
<td>On two theorems regarding exponential stability, Applicable Analysis and Discrete Mathematics, 5 (2011), 240-258</td>
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<td>74.</td>
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<td>Integral conditions for exponential dichotomy: a nonlinear approach, Bulletin des Sciences Mathematiques, 134 (2010), 235-246</td>
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<td>Bin-Guo Wang, Zhi-Cheng Wang</td>
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<td>L. Barreira, C. Valls, Noninvertible cocycles: Robustness of exponential dichotomies, Discrete and Continuous Dynamical Systems, 32 (2012), 4111-4131</td>
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<td>1.465</td>
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<td>B. Sasu, Robust stability and stability radius for variational control systems, Abstract and Applied Analysis, Volume 2008, Article ID 381791, 1-29</td>
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<td>91</td>
<td>P. H. A. Ngoc, T. Naito</td>
<td>New characterizations of exponential dichotomy and exponential stability of linear difference equations</td>
<td>Journal of Difference Equations and Applications</td>
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<td>92</td>
<td>A. L. Sasu, M. G. Babuţia, B. Sasu</td>
<td>Admissibility and nonuniform exponential dichotomy on the half-line</td>
<td>Bulletin des Sciences Mathematiques</td>
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<td>93</td>
<td>N. Lupa, M. Megan</td>
<td>Generalized exponential trichotomies for abstract evolution operators on the real line</td>
<td>Journal of Function Spaces and Applications</td>
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<td>94</td>
<td>B. Sasu, A. L. Sasu</td>
<td>Nonlinear criteria for the existence of the exponential trichotomy in infinite dimensional spaces</td>
<td>Nonlinear Analysis: Theory, Methods &amp; Applications</td>
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<td>95</td>
<td>A. L. Sasu, B. Sasu</td>
<td>Integral equations, dichotomy of evolution families on the half-line and applications</td>
<td>Integral Equations and Operator Theory</td>
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<td>97</td>
<td>B. Sasu</td>
<td>Integral conditions for exponential dichotomy: a nonlinear approach</td>
<td>Bulletin des Sciences Mathematiques</td>
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<td>98</td>
<td>Tian Yue, Xiao-qiu Song, Dong-qing Li</td>
<td>On weak exponential expansiveness of evolution families in Banach spaces</td>
<td>The ScientificWorld Journal</td>
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<td>100</td>
<td>M. Megan, A. L. Sasu, B. Sasu</td>
<td>Perron conditions for pointwise and global exponential dichotomy of linear skew-product flows</td>
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<td>114. B. Sasu, Robust stability and stability radius for variational control systems, Abstract and Applied Analysis, Volume 2008, Article ID 381791, 1-29 0.549</td>
<td>115. P. Preda, A. Pogan, C. Preda - (L^p, L^q) - admissibility and exponential dichotomy for evolutionary processes on the half-line, Integral Equations and Operator Theory, 49 (2004), 405-418 0.827</td>
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11
| 117. | B. Sasu, Robust stability and stability radius for variational control systems, Abstract and Applied Analysis, Volume 2008, Article ID 381791, 1-29 | 0.549 |
| 120. | Xiao-qi Song, Tian Yue, Dong-qing Li, Nonuniform exponential trichotomy for linear discrete-time systems in Banach spaces, Journal of Function Spaces and Applications (2013), Article ID 645250, 1-6. | 0.532 |
| 123. | M. Megan, C. Stoica, On uniform exponential trichotomy of evolution operators in Banach spaces, Integral Equations and Operator Theory, 60 (2008), 499-506 | 0.827 |

Total \( C = 124 \)

Conf. dr. Adina Luminiţa Sasu

Timişoara, 11 noiembrie 2013