

ANEXA 2 - FIȘA DE EVALUARE A STANDARDELOR MINIMALE PE DOMENII ALE UNIVERSITĂȚII

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Fișă de verificare a îndeplinirii standardelor minimele *Asistent de cercetare științifică*
Departamentul de Matematică

Titlul științific de doctor a fost acordat în baza Ordinului Ministrului Educației, Cercetării, Tineretului și Sportului nr. 3818 din 26.04.2012.

Observație: mai jos sunt listate doar lucrările științifice publicate, cu $s_i > 0.5$ și o selecție a citărilor în jurnale cu $s_i > 0.5$.

Nr. crt. articol	Articol, referința bibliografică	Publicat în ultimii 7 ani	Scor relativ de influență ($s_i > 0.5$)	Număr de autori (n_i)	s_i/n_i
1	Numerical locking problems for hyperbolic equations ARNĂUTU, Viorel; MOȘNEAGU, Ana-Maria <i>Numerical functional analysis and optimization</i> , 2010, 31.5: 549-568	NU	0.733	2	0.3665
2	Numerical Locking Problems for Parabolic Equations ARNĂUTU, Viorel; MOȘNEAGU, Ana-Maria <i>Numerical functional analysis and optimization</i> , 2011, 32.9: 927-945	NU	0.733	2	0.3665
3	Optimal control and stabilization for some Fisher-like models ARNĂUTU, Viorel; MOȘNEAGU, Ana-Maria <i>Numerical Functional Analysis and Optimization</i> , 2015, 36.5: 567-589	DA	0.733	2	0.3665
4	Regional control in optimal harvesting of population dynamics ANIȚA, Sebastian; CAPASSO, Vincenzo; MOȘNEAGU, Ana-Maria <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2016, 147: 191-212	DA	1.752	3	0.584

5	Optimal harvesting of a spatially distributed renewable resource with endogenous pricing ANIȚA, Sebastian; BEHRINGER, Stefan; MOȘNEAGU, Ana-Maria; UPMANN, Thorsten <i>Mathematical Modelling of Natural Phenomena</i> , 2019, 14.1: 101	DA	0.896	4	0.224
6	Global eradication for spatially structured populations by regional control ANIȚA, Sebastian; CAPASSO, Vincenzo; MOȘNEAGU, Ana-Maria <i>Discrete & Continuous Dynamical Systems-B</i> , 2019, 24.6: 2511	DA	1.062	3	0.354
7	Optimal harvesting for age-structured population dynamics with size-dependent control ANIȚA, Sebastian; MOȘNEAGU, Ana-Maria <i>Mathematical Control & Related Fields</i> , 2019, 9.4: 607	DA	1.360	2	0.680
Total		S = 2.9415		S_{recent} = 2.2085	

Nr. crt. articol	Articol, referința bibliografică	Revista și articolul în care a fost citat (selecție)	Scor relativ de influență (s _i > 0.5)
1	Numerical approximation of Black-Scholes equation DURA, Gina; MOSNEAGU, Ana-Maria <i>Annals of the Alexandru Ioan Cuza University-Mathematics</i> , 2010, 56.1: 39-64	Analytical solutions of the Black–Scholes pricing model for european option valuation via a projected differential transformation method EDEKI, Sunday O.; UGBEBOR, Olabisi O.; OWOLOKO, Enahoro A <i>Entropy</i> , 2015, 17.11: 7510-7521	1.465
		A new approach for the black–scholes model with linear and nonlinear volatilities GULEN, Seda; POPESCU, Catalin; SARI, Murat <i>Mathematics</i> , 2019, 7.8: 760	0.504
		On the approximation of the Black and Scholes call function ORLANDO, Giuseppe; TAGLIALATELA, Giovanni <i>Journal of Computational and Applied Mathematics</i> , 2021, 384: 113154	1.077

2	<p>On the numerical approximation of the phase-field system with non-homogeneous Cauchy-Neumann boundary conditions. Case 1D MOROSANU, Costica; MOSNEAGU, Ana-Maria <i>ROMAI J</i>, 2013, 9.1: 91-110</p>	<p>Numerical approximation of the phase-field transition system with nonhomogeneous Cauchy-Neumann boundary conditions in both unknown functions via fractional steps methods OVONO, Armel Andami <i>Journal of Applied Analysis and Computation</i>, 2013, 3.4: 377-397</p>	0.54
		<p>Analysis of stability and error estimates for three methods approximating a nonlinear reaction-diffusion equation MOROSANU, Costica; PAVAL, Silviu; TRENCEA, Catalin <i>Journal of Applied Analysis and Computation</i>, 2017, 7.1: 119</p>	0.54
		<p>A simple spatial integration scheme for solving Cauchy problems of non-linear evolution equations CHANG, Chih-Wen, et al. <i>Inverse Problems in Science and Engineering</i>, 2017, 25.11: 1653-1675</p>	1.102
3	<p>Regional control in optimal harvesting of population dynamics ANIȚA, Sebastian; CAPASSO, Vincenzo; MOȘNEAGU, Ana-Maria <i>Nonlinear Analysis: Theory, Methods & Applications</i>, 2016, 147: 191-212</p>	<p>A time-dependent optimal harvesting problem with measure-valued solutions COCLITE, Giuseppe Maria; GARAVELLO, Mauro <i>SIAM Journal on Control and Optimization</i>, 2017, 55.2: 913-935</p>	2.379
		<p>Controlling an alien predator population by regional controls ANIȚA, Sebastian; CAPASSO, Vincenzo; DIMITRIU, Gabriel <i>Nonlinear Analysis: Real World Applications</i>, 2019, 46: 82-97</p>	1.505
		<p>Distributed optimal control models in environmental economics: a review AUGERAUD-VÉRON, Emmanuelle; BOUCEKKINE, Raouf; VELIOV, Vladimir M. <i>Mathematical Modelling of Natural Phenomena</i>, 2019, 14.1: 106</p>	0.896
		<p>The interplay between models and public health policies: Regional control for a class of spatially structured epidemics (think globally, act locally) CAPASSO, Vincenzo; ANIȚA, Sebastian <i>Mathematical Biosciences & Engineering</i>, 2018, 15.1: 1</p>	0.678

		Measure valued solutions for an optimal harvesting problem COCLITE, Giuseppe Maria; DEVILLANOVA, Giuseppe; SOLIMINI, Sergio <i>Journal de Mathématiques Pures et Appliquées</i> , 2020, 142: 204-228	3.768
4	Optimal harvesting of a spatially distributed renewable resource with endogenous pricing ANIȚA, Sebastian; BEHRINGER, Stefan; MOȘNEAGU, Ana-Maria; UPMANN, Thorsten <i>Mathematical Modelling of Natural Phenomena</i> , 2019, 14.1: 101	Distributed optimal control models in environmental economics: a review AUGERAUD-VÉRON, Emmanuelle; BOUCEKKINE, Raouf; VELIOV, Vladimir M. <i>Mathematical Modelling of Natural Phenomena</i> , 2019, 14.1: 106	0.896
		Harvesting a remote renewable resource UPMANN, Thorsten; BEHRINGER, Stefan <i>Theoretical Ecology</i> , 2020, 13.4: 459-480	1.407
5	Global eradication for spatially structured populations by regional control ANIȚA, Sebastian; CAPASSO, Vincenzo; MOȘNEAGU, Ana-Maria <i>Discrete & Continuous Dynamical Systems-B</i> , 2019, 24.6: 2511	Controlling an alien predator population by regional controls ANIȚA, Sebastian; CAPASSO, Vincenzo; DIMITRIU, Gabriel <i>Nonlinear Analysis: Real World Applications</i> , 2019, 46: 82-97	1.505
Total			C = 14

Data

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