

Universitatea *Transilvania* din Braşov  
 Facultatea de Matematică şi Informatică  
 Departamentul de Matematică şi Informatică

Poz. postului : 29  
 Disciplinele postului : Matematici speciale  
 Ecuaţii diferenţiale şi  
 sisteme dinamice

**FIŞA DE VERIFICARE A ÎNDEPLINIRII STANDARDELOR MINIMALE NAŢIONALE**  
**Comisia CNATDCU: MATEMATICĂ**  
**Postul: CONFERENŢIAR UNIVERSITAR**

Ordinul ministrului educaţiei, cercetării, tineretului şi sportului nr. 6.560/2012 publicat în  
 Monitorul Oficial al României nr. 890 bis din data de 27.12.2012

Candidat: ISAIA FLORIN  
 Funcţia actuală: Lector

Data naşterii: 01.03.1974  
 Instituţia: Universitatea Transilvania din Braşov

**Criteriile 1 şi 2:  $I \geq 2.5$  şi  $I_{recent} \geq 1.5$**

(Articole ştiinţifice publicate în reviste cotate ISI cu factor de impact mai mare sau egal cu 0.5)

Nr. crt.	Articol, referinţa bibliografică	Publicat în ultimii 7 ani	$f_i$	$n_i$	$f_i/n_i$
1	<b>F. Isaia:</b> Superposition operators between Sobolev spaces and a non-existence result of higher-order regular solutions for the $p$ -Laplacian, <i>Nonlinear Analysis: Theory Methods and Applications</i> , 117 (2015), 87-98	X	1.327	1	1.327
2	G. Dinca and <b>F. Isaia:</b> Superposition operators between higher-order Sobolev spaces and a multivariate Faà di Bruno formula: supercritical case, <i>Advanced Nonlinear Studies</i> , 14 (2014), no. 1, 137-158	X	0.918	2	0.459
3	G. Dinca and <b>F. Isaia:</b> On superposition operators between higher-order Sobolev spaces and a multivariate Faà di Bruno formula: the subcritical case, <i>Differential and Integral Equations</i> , 26 (2013), no.1-2, 11-58	X	0.862	2	0.431
4	G. Dinca and <b>F. Isaia:</b> Generalized Pohožaev identity and a non-existence result for the $p$ -Laplacian: weak solutions, <i>Advances in Differential Equations</i> , 14 (2009), no. 5-6, 497-540		1.014	2	0.507
TOTAL					I=2.724 I <sub>recent</sub> =2.217

**Criteriul 3:  $C \geq 6$**

(Citări provenind din articole ştiinţifice publicate în reviste cotate ISI cu factor de impact mai mare sau egal cu 0.5)

Nr. crt.	Articolul citat	Revista şi articolul în care a fost citat	$f_i$
1	G. Dinca and <b>F. Isaia:</b> Generalized Pohožaev and Pucci-Serrin identities and non-existence results for $p(x)$ -Laplacian type equations, <i>Rendiconti del Circolo</i>	R.E. Castillo, J.C. Ramos-Fernández and E.M. Rojas: Volterra integral equations on variable exponent Lebesgue spaces, <i>Journal of integral equations and</i>	0.667

	Matematico di Palermo, 59 (2010), no.1, 1-46	applications, 28 (2016), no. 1, 1-29	
		G. López: Pohozaev type inequalities and nonexistence results for non $C^2$ solutions of $p(x)$ -Laplacian equations, Electronic Journal of Differential Equations, vol. 2014 (2014), no. 239, 1-17	0.524
		O. Safia and J. Vélin: Existence and nonexistence of solutions to nonlinear gradient elliptic systems involving $(p(x), q(x))$ -Laplacian operators, Electronic Journal of Differential Equations, vol. 2014 (2014), no. 163, 1-22	0.524
		J.Q. Liu and X.Q. Liu: On the eigenvalue problem for the $p$ -Laplacian operator in $\mathbf{R}^N$ , Journal of Mathematical Analysis and Applications, 379 (2011), no. 2, 861-869	1.120
2	G. Dinca and <b>F. Isaia</b> : Generalized Pohožaev identity and a non-existence result for the $p$ -Laplacian: weak solutions, Advances in Differential Equations, 14 (2009), no. 5-6, 497-540	G. Croce, A. Henrot and G. Pisante: An isoperimetric inequality for a nonlinear eigenvalue problem, Annales de l'Institut Henri Poincaré (C) Analyse Non Linéaire, 29 (2012), no. 1, 21-34	1.341
3	<b>F. Isaia</b> : On a nonlinear integral equation without compactness, Acta Mathematica Universitatis Comenianae, 75 (2006), no. 2, 233-240	K. Shah and R.A. Khan: Existence and uniqueness results to a coupled system of fractional order boundary value problems by topological degree theory, Numerical Functional Analysis and Optimization, DOI: 10.1080/01630563.2016.1177547	0.591
		R.E. Castillo, J.C. Ramos-Fernández and E.M. Rojas: Volterra integral equations on variable exponent Lebesgue spaces, Journal of integral equations and applications, 28 (2016), no. 1, 1-29	0.667
		K. Shah, A. Ali and R.A. Khan: Degree theory and existence of positive solutions to coupled systems of multi-point boundary value problems, Boundary Value Problems, vol. 2016 (2016), no. 43, 1-12	1.014
		J.R. Wang, Y. Zhou and M. Fečkan: Nonlinear impulsive problems for fractional differential equations and Ulam stability, Computers and Mathematics with Applications, 64 (2012), no. 10, 3389-3405	1.697
		J.R. Wang, Y. Zhou and W. Wei: Study in fractional differential equations by means of topological degree methods, Numerical Functional Analysis and Optimization, 33 (2012), no. 2, 216-238	0.591
4	<b>F. Isaia</b> : An existence result for a nonlinear integral equation without compactness, PanAmerican Mathematical	R.E. Castillo, J.C. Ramos-Fernández and E.M. Rojas: Volterra integral equations on variable exponent Lebesgue spaces,	0.667

	Journal, 14 (2004), no. 4, 93-106	Journal of integral equations and applications, 28 (2016), no. 1, 1-29	
TOTAL			C=11

**Director de departament,  
Conf. Dr. Marius Păun**

**Candidat,  
Lect. Dr. Florin Isaia**