

**Fișa de verificare a îndeplinirii standardelor minime obligatorii stabilite de
comisia de Matematică din cadrul CNATDCU**

I=35.11

I_{recent}=18.89

Citari=43

Nr. Publicației	Referința bibliografică	Publicat în ultimii 7 ani (DA sau NU)	f_i	n_i	f_i/n_i
1	C. Galeș, <i>Some uniqueness and continuous dependence results in the theory of swelling porous elastic soils</i> , International Journal of Engineering Science , 40 (2002), 1211-1231.	NU	2.291	1	2.291
2	C. Galeș, <i>On the spatial behavior in the theory of swelling porous elastic soils</i> , International Journal of Solids and Structures , 39 (2002), 4151-4165.	NU	2.035	1	2.035
3	C. Galeș, <i>On the asymptotic partition of energy in the theory of swelling porous elastic soils</i> , Archives of Mechanics , 55 (2003), 91-107.	NU	0.74	1	0.74
4	C. Galeș, <i>Spatial decay estimates for solutions describing harmonic vibrations in the theory of swelling porous elastic soils</i> , Acta Mechanica , 161 (2003), 151-164.	NU	1.268	1	1.268
5	C. Galeș, <i>Waves and vibrations in the theory of swelling porous elastic soils</i> , European Journal of Mechanics A/Solids , 23 (2004), 345-357.	NU	1.904	1	1.904
6	C. Galeș, <i>Potential method in the linear theory of swelling porous elastic soils</i> , European Journal of Mechanics A/Solids , 23 (2004), 957-973.	NU	1.904	1	1.904
7	C. Galeș, <i>On the spatial behavior in the theory of viscoelastic mixtures</i> , Journal of Thermal Stresses , 30 (2007), 1-24.	NU	1.169	1	1.169
8	C. Galeș, <i>A mixture theory for micropolar thermoelastic solids</i> , Mathematical Problems in Engineering , Vol. 2007 (2007), Article ID 90672, 21 pages.	NU	1.082	1	1.082
9	C. Galeș, <i>Some results in the dynamics of viscoelastic mixtures</i> , Mathematics and Mechanics of Solids , 13 (2008), 124-147.	NU	0.86	1	0.86
10	C. Galeș, <i>On the asymptotic spatial behaviour in the theory of mixtures of thermoelastic solids</i> , International Journal of Solids and Structures , 45 (2008), 2117-2127.	NU	2.035	1	2.035
11	S. Chiriță, C. Galeș și I. D. Ghiba, <i>On spatial behavior of the harmonic vibrations in Kelvin-Voigt materials</i> , Journal of Elasticity , 93 (2008), 81-92.	NU	1.043	3	0.347

12	S. Chiriță și C. Galeș, <i>A mixture theory for microstretch thermoviscoelastic solids</i> , Journal of Thermal Stresses , 31 (2008), 1099-1124.	NU	1.169	2	0.584
13	C. Galeș, <i>On spatial behavior of the harmonic vibrations in thermoviscoelastic mixtures</i> , Journal of Thermal Stresses , 32 (2009), 512 – 529.	DA	1.169	1	1.169
14	C. Galeș și S. Chiriță, <i>On spatial behavior in linear viscoelasticity</i> , Quarterly of Applied Mathematics , 67 (2009) pp. 707-723.	DA	0.54	2	0.27
15	C. Galeș, <i>On the nonlinear theory of micromorphic thermoelastic solids</i> , Mathematical Problems in Engineering , Volume 2010 (2010), Article ID 415304, 16 pages.	DA	1.082	1	1.082
16	C. Galeș și I.D. Ghiba, <i>On uniqueness and continuous dependence of solutions in viscoelastic mixtures</i> , Meccanica , 45 (2010), 901-909.	DA	1.815	2	0.907
17	C. Galeș, <i>On spatial behavior of harmonic vibrations in viscoelastic Reissner-Mindlin plates</i> , International Journal of Solids and Structures , 48 (2011), 243-248.	DA	2.035	1	2.035
18	C. Galeș, <i>On uniqueness and continuous dependence in nonlinear thermoviscoelasticity</i> , Journal of Thermal Stresses , 34 (2011), 366-377.	DA	1.169	1	1.169
19	C. Galeș, <i>Spatial behavior in the electromagnetic theory of microstretch elasticity</i> , International Journal of Solids and Structures , 48 (2011), 2755-2763.	DA	2.035	1	2.035
20	C. Galeș, I.D. Ghiba și I. Ignătescu, <i>Asymptotic partition of energy in micromorphic thermopiezoelectricity</i> , Journal of Thermal Stresses , 34 (2011), 1241-1249.	DA	1.169	3	0.369
21	C. Galeș, <i>Some results in micromorphic piezoelectricity</i> , European Journal of Mechanics-A/Solids , 31 (2012), 37-46.	DA	1.904	1	1.904
22	C. Galeș, <i>A cartographic study of the phase space of the restricted three body problem. Application to the Sun-Jupiter-Asteroid system</i> , Communications in Nonlinear Science and Numerical Simulation , 17 (2012), 4721-4730.	DA	2.569	1	2.569
23	C. Galeș, <i>Spatial Behavior and Continuous Dependence Results in the Linear Dynamic Theory of Magneto-electroelasticity</i> , Journal of Elasticity , 108 (2012), 208-223.	DA	1.043	1	1.043
24	I.D. Ghiba și C. Galeș, <i>On the fundamental solutions for micropolar fluid-fluid mixtures under steady state vibrations</i> , Applied Mathematics and Computation , 219 (2012), 2749-2759.	DA	1.6	2	0.8

25	C. Galeş, Structural stability and convergence in piezoelectricity, SIAM Journal on Applied Mathematics , 72 (2012), 1856-1868.	DA	1.41	1	1.41
26	C. Galeş şi N. Baroiu, On the bending of plates in the electromagnetic theory of microstretch elasticity, ZAMM , 94 , 55-71 (2014).	DA	1.008	2	0.504
27	I.D. Ghiba şi C. Galeş, Some qualitative results in the linear theory of micropolar solid-solid mixtures, Journal of Thermal Stresses , 36 (2013), 426-445.	DA	1.169	2	0.584
28	A. Celletti şi C. Galeş, On the dynamics of space debris: 1:1 and 2:1 resonances, Journal of Nonlinear Science , 24 (2014), 1231-1262.	DA	2.092	2	1.046
TOTAL			I=		35.11
			I _{recent} =		18.89

CITĂRI:

Nr. publicației care citează	Referința bibliografică a publicației care citează	f _i
ARTICOL: C. Galeş, <i>On Saint-Venant's problem in micropolar viscoelasticity</i> , Analele Stiintifice ale Universitatii "Al. I. Cuza" Iasi , 46 (2000), 131-148.		
1	I. D. Ghiba, <i>Semi-inverse solution for Saint-Venant's problem in the theory of porous elastic materials</i> , European Journal Mechanics A/Solids , 27 , 1060-1074, 2008.	1.904
ARTICOL: C. Galeş, <i>Some uniqueness and continuous dependence results in the theory of swelling porous elastic soils</i> , International Journal of Engineering Science , 40 (2002), 1211-1231.		
2	R. Quintanilla, <i>Existence and exponential decay in the linear theory of viscoelastic mixtures</i> , European Journal Mechanics A/Solids , 24 , 311-324, 2005.	1.904
3	F. Bofil şi R. Quintanilla, <i>Anti-plane shear deformations of swelling porous elastic soils</i> , International Journal of Engineering Science , 41 , 801-816, 2003.	2.291
4	F. Bofil şi R. Quintanilla, <i>On the uniqueness and spatial behaviour of anti-plane shear deformations of swelling porous elastic soils backward in time</i> , International Journal of Engineering Science , 41 , 1815-1826, 2003.	2.291
5	R. Quintanilla, <i>On existence and stability in the theory of swelling porous elastic soils</i> , IMA Journal of Applied Mathematics , 68 , 491-506, 2003.	1.194
6	S. Chiriță, <i>On the uniqueness and continuous data dependence of solutions in the theory of swelling porous thermoelastic soils</i> , International Journal of Engineering Science , 41 , 2363-2380, 2003.	2.291
7	S. Chiriță, <i>On the spatial decay of solutions in the theory of swelling porous thermoelastic soils</i> , International Journal of Engineering Science , 42 , 1995-2010, 2004.	2.291
8	I.D. Ghiba, <i>Some uniqueness and continuous dependence results in the micropolar mixture theory of porous media</i> , International Journal of Engineering Science , 44 , 1269-1279, 2006.	2.291
9	I.D. Ghiba, <i>Some uniqueness and stability results in the theory of micropolar solid-fluid mixture</i> , Journal of Mathematical Analysis and Applications , 355, 385-396 2009.	1.119
10	S.K Tomar, S. Goyal, <i>Elastic Waves in Swelling Porous Media</i> , Transport in Porous Media , 100 , 39-68, 2013.	1.46
AUTOR: C. Galeş, <i>On the spatial behavior in the theory of swelling porous elastic soils</i> , International Journal of Solids and Structures , 39 (2002), 4151-4165.		
11	R. Quintanilla, <i>Existence and exponential decay in the linear theory of viscoelastic mixtures</i> , European Journal Mechanics A/Solids , 24 , 311-324, 2005.	1.904

12	M. Aouadi, <i>Spatial stability for the quasi-static problem in thermoelastic diffusion theory</i> , Acta Applicandae Mathematicae , 106 , 307-323, 2009.	0.702
13	S. Chiriță, <i>On the uniqueness and continuous data dependence of solutions in the theory of swelling porous thermoelastic soils</i> , International Journal of Engineering Science , 41 , 2363-2380, 2003.	2.291
14	S. Chiriță, <i>On the spatial decay of solutions in the theory of swelling porous thermoelastic soils</i> , International Journal of Engineering Science , 42 , 1995-2010, 2004.	2.291
15	I.D. Ghiba, <i>On the Thermal Theory of Micropolar Solid-Fluid Mixture</i> , Journal of Thermal Stresses , 34 , 1-17, 2011.	1.169
16	B. Karp și D. Durban, <i>Saint-Venant's Principle in Dynamics of Structures</i> , Applied Mechanics Reviews , 64 , Article Number: 020801, 2011.	2.00
17	S.K. Tomar, S. Goyal, <i>Elastic Waves in Swelling Porous Media</i> , Transport in Porous Media , 100 , 39-68, 2013.	1.46
AUTOR: C. Galeș, <i>On the asymptotic partition of energy in the theory of swelling porous elastic soils</i> , Archives of Mechanics , 55 (2003), 91-107		
18	M. Aouadi, <i>Spatial stability for the quasi-static problem in thermoelastic diffusion theory</i> , Acta Applicandae Mathematicae , 106 , 307-323, 2009.	0.702
19	S. Chiriță, <i>On the uniqueness and continuous data dependence of solutions in the theory of swelling porous thermoelastic soils</i> , International Journal of Engineering Science , 41 , 2363-2380, 2003.	2.291
20	S. Chiriță, <i>On the spatial decay of solutions in the theory of swelling porous thermoelastic soils</i> , International Journal of Engineering Science , 42 , 1995-2010, 2004.	2.291
21	S.K. Tomar, S. Goyal, <i>Elastic Waves in Swelling Porous Media</i> , Transport in Porous Media , 100 , 39-68, 2013.	1.46
AUTOR: C. Galeș, <i>Spatial decay estimates for solutions describing harmonic vibrations in the theory of swelling porous elastic soils</i> , Acta Mechanica , 161 (2003), 151-164.		
22	M. Aouadi, <i>Spatial stability for the quasi-static problem in thermoelastic diffusion theory</i> , Acta Applicandae Mathematicae , 106 , 307-323, 2009.	0.702
23	S. Chiriță, <i>On the uniqueness and continuous data dependence of solutions in the theory of swelling porous thermoelastic soils</i> , International Journal of Engineering Science , 41 , 2363-2380, 2003.	2.291
24	S. Chiriță, <i>On the spatial decay of solutions in the theory of swelling porous thermoelastic soils</i> , International Journal of Engineering Science , 42 , 1995-2010, 2004.	2.291
25	B. Karp și D. Durban, <i>Saint-Venant's Principle in Dynamics of Structures</i> , Applied Mechanics Reviews , 64 , Article Number: 020801, 2011.	2.00
AUTOR: Galeș, <i>Existence and uniqueness results in the theory of swelling porous elastic soils</i> , Analele Stiintifice ale Universitatii "Al. I. Cuza" Iasi , vol. 49 (2003), 161-174		
26	S. Chiriță, <i>On the uniqueness and continuous data dependence of solutions in the theory of swelling porous thermoelastic soils</i> , International Journal of Engineering Science , 41 (2003), 2363-2380.	2.291
27	S. Chiriță, <i>On the spatial decay of solutions in the theory of swelling porous thermoelastic soils</i> , International Journal of Engineering Science , 42 , 1995-2010, 2004.	2.291
28	I.D. Ghiba, <i>Some uniqueness and continuous dependence results in the micropolar mixture theory of porous media</i> , International Journal of Engineering Science , 44 , 1269-1279, 2006.	2.291
AUTOR: Galeș, <i>Waves and vibrations in the theory of swelling porous elastic soils</i> , European Journal of Mechanics A/Solids , 23 (2004), 345-357.		
29	I.D. Ghiba, <i>Representation theorems and fundamental solutions for micropolar solid-fluid mixtures under steady state vibrations</i> , European Journal Mechanics A/Solids , 27 , 1034-1041, 2010	1.904
30	R. Quintanilla, <i>Existence and exponential decay in the linear theory of viscoelastic mixtures</i> , European Journal Mechanics A/Solids , 24 , 311-324, 2005.	1.904
31	S.K. Tomar, S. Goyal, <i>Elastic Waves in Swelling Porous Media</i> , Transport in Porous Media , 100 , 39-68, 2013.	1.46

AUTOR: C. Galeş, <i>Potential method in the linear theory of swelling porous elastic soils</i> , European Journal of Mechanics A/Solids , 23 (2004), 957-973		
32	I.D. Ghiba, <i>Representation theorems and fundamental solutions for micropolar solid-fluid mixtures under steady state vibrations</i> , European Journal Mechanics A/Solids , 27 , 1034-1041, 2010	1.904
33	R. Quintanilla, <i>Existence and exponential decay in the linear theory of viscoelastic mixtures</i> , European Journal Mechanics A/Solids , 24 , 311-324, 2005.	1.904
34	I.D. Ghiba, <i>On the steady vibrations problem in linear theory of micropolar solid-fluid mixture</i> , European Journal of Mechanics A-Solids , 30 , 584-593, 2011.	1.904
AUTOR: C. Galeş, <i>On the spatial behavior in the theory of viscoelastic mixtures</i> , Journal of Thermal Stresses , 30 (2007), 1-24.		
35	I.D. Ghiba, <i>On the Thermal Theory of Micropolar Solid-Fluid Mixture</i> , Journal of Thermal Stresses , 34 , 1-17, 2011.	1.169
AUTOR: C. Galeş, <i>On the asymptotic spatial behaviour in the theory of mixtures of thermoelastic solids</i> , International Journal of Solids and Structures , 45 (2008), 2117-2127.		
36	J.N. Sharma, P.K. Sharma și S.K. Rana, <i>Extensional and Transversal Wave Motion in Transversely Isotropic Thermoelastic Plates by Using Asymptotic Method</i> , Journal of Applied Mechanics-Transactions of the ASME , 78 , Article Number: 061022, 2011.	1.4
37	J.N. Sharma, P.K. Sharma și S.K. Rana, <i>Generalized thermoelastic extensional and flexural wave motions in homogenous isotropic plate by using asymptotic method</i> , Journal of Sound and Vibration , 330 , 510-525, 2011.	1.857
38	J.N. Sharma, P.K. Sharma și S.K. Rana, <i>Extensional wave motion in homogenous isotropic thermoelastic plate by using asymptotic method</i> , Applied Mathematical Modeling , 35 , 317-327, 2011.	2.158
39	J.N. Sharma, P.K. Sharma și S.K. Rana, <i>Flexural and transversal wave motion in homogeneous isotropic thermoelastic plates by using asymptotic method</i> , Journal of Sound and Vibration , 329 , 804-818, 2010.	1.857
AUTOR: C. Galeş, <i>On spatial behavior of the harmonic vibrations in thermoviscoelastic mixtures</i> , Journal of Thermal Stresses , 32 (2009), 512 – 529.		
40	Hong-Liang Dai, Xiang Yan si Hao-Jie Jiang, <i>Thermoviscoelastic Behavior in a Circular HSLA Steel Plate</i> , Journal of Thermal Stresses , 36 , 1112-1130, 2013.	1.169
AUTOR: Galeş, <i>Some results in micromorphic piezoelectricity</i> , European Journal of Mechanics-A/Solids , 31 (2012), 37-46.		
41	P. Neff, I. D. Ghiba, A. Madeo, L. Placidi, G. Rosi, <i>A unifying perspective: the relaxed linear micromorphic continuum</i> , Continuum Mechanics and Thermodynamics , DOI: 10.1007/s00161-013-0322-9 (2014)	1.431
42	Ya Jun Yu, Xiao Geng Tian, Tian Jian Lu, <i>On fractional order generalized thermoelasticity with micromodeling</i> , Acta Mechanica 224 , (2013) 2911-2927.	1.268
43	V. Lubarda, <i>Dual Eshelby stress tensors and related integrals in micropolar elasticity with body forces and couples</i> , European Journal of Mechanics A-Solids , 36 , 9-17, 2012)	1.904
Total: 43		

STANDARDE MINIMALE SUPLIMENTARE STABILITE DE UNIVERSITATE

Nume, prenume: GALEȘ Cătălin-Bogdan

Universitatea Al. I. Cuza din Iași

Facultatea de Matematică

Fișa de verificare a îndeplinirii standardelor minimale ale Universității pentru ocuparea unui post de CERCETĂTOR ȘTIINȚIFIC III

c_{recent}=17.51

c_{up}=2.06

Nr. Publicației	Referința bibliografică	Publicat în ultimii 7 ani	Publicat de la ultima promovare (DA sau NU)	s _i	n _i	s _i /n _i
1	C. Galeș, <i>On spatial behavior of the harmonic vibrations in thermoviscoelastic mixtures</i> , Journal of Thermal Stresses , 32 (2009), 512 – 529.	DA	NU	0.937	1	0.937
2	C. Galeș și S. Chiriță, <i>On spatial behavior in linear viscoelasticity</i> , Quarterly of Applied Mathematics , 67 (2009) pp. 707-723.	DA	NU	1.006	2	0.503
3	C. Galeș, <i>On the nonlinear theory of micromorphic thermoelastic solids</i> , Mathematical Problems in Engineering , Volume 2010 (2010), Article ID 415304, 16 pages.	DA	NU	0.587	1	0.587
4	C. Galeș și I.D. Ghiba, <i>On uniqueness and continuous dependence of solutions in viscoelastic mixtures</i> , Meccanica , 45 (2010), 901-909.	DA	NU	0.874	2	0.437
5	C. Galeș, <i>On spatial behavior of harmonic vibrations in viscoelastic Reissner-Mindlin plates</i> , International Journal of Solids and Structures , 48 (2011), 243-248.	DA	NU	1.867	1	1.867
6	C. Galeș, <i>On uniqueness and continuous dependence in nonlinear thermoviscoelasticity</i> , Journal of Thermal Stresses , 34 (2011), 366-377.	DA	NU	0.937	1	0.937
7	C. Galeș, <i>Spatial behavior in the electromagnetic theory of microstretch elasticity</i> , International Journal of Solids and Structures , 48 (2011), 2755-2763.	DA	NU	1.867	1	1.867
8	C. Galeș, I.D. Ghiba și I. Ignătescu, <i>Asymptotic partition of energy in micromorphic thermopiezoelectricity</i> , Journal of Thermal Stresses , 34 (2011), 1241-1249.	DA	NU	0.937	3	0.312
9	C. Galeș, <i>Some results in micromorphic piezoelectricity</i> , European Journal of Mechanics-A/Solids , 31 (2012), 37-46.	DA	NU	1.935	1	1.935
10	C. Galeș, <i>A cartographic study of the phase space of the restricted three body problem. Application to the Sun-Jupiter-Asteroid system</i> , Communications in Nonlinear Science and Numerical Simulation , 17 (2012), 4721-4730.	DA	NU	1.459	1	1.459
11	C. Galeș, <i>Spatial Behavior and Continuous Dependence Results in the Linear Dynamic Theory of Magnetoelastoelectricity</i> , Journal of Elasticity , 108 (2012), 208-223.	DA	NU	2.248	1	2.248
12	I.D. Ghiba și C. Galeș, <i>On the fundamental solutions for micropolar fluid-fluid mixtures under</i>	DA	NU	0.74	2	0.37

	steady state vibrations, Applied Mathematics and Computation , 219 (2012), 2749-2759.					
13	C. Galeş, Structural stability and convergence in piezoelectricity, SIAM Journal on Applied Mathematics , 72 (2012), 1856-1868.	DA	NU	1.577	1	1.577
14	I.D. Ghiba şi C. Galeş, Some qualitative results in the linear theory of micropolar solid-solid mixtures, Journal of Thermal Stresses , 36 (2013), 426-445.	DA	NU	0.825	2	0.412
15	C. Galeş şi N. Baroiu, On the bending of plates in the electromagnetic theory of microstretch elasticity, ZAMM , 94 , 55-71 (2014).	DA	DA	0.917	2	0.458
16	A. Celletti şi C. Galeş, On the dynamics of space debris: 1:1 and 2:1 resonances, Journal of Nonlinear Science , 24 (2014), 1231-1262.	DA	DA	3.213	2	1.606
TOTAL				$c_{recent} =$		17.51
				$c_{up} =$		2.06

Director al grantului:

TE_184, nr. 86/30.07.2010, Modele şi metode matematice în mecanica solidelor deformabile şi dinamica sistemelor de particule, durata august 2010-iulie 2013.

Membru in grantul:

Contract de cercetare PN II IDEI nr. 15/28.09.2007, cod ID_401, *Cercetări moderne în mecanica mediilor continue*, director de proiect Prof. Dr. S. Chiriţă, perioada 2007-2010.

6 Ianuarie 2015

Dr. Cătălin Galeş