FIŞA DE EVALUARE GENERALĂ CONFORM STANDARDELOR UNIVERSITĂŢII

Nume, prenume: GALEŞ Cătălin-Bogdan

Universitatea Al. I. Cuza din Iași, Facultatea de Matematică

Fișa de verificare a îndeplinirii standardelor minimale Matematică

Observaţie: Data ultimei promovari, de la Lector la Conferenţiar, a fost Februarie 2014.

c=39.925 **c_{recent}=6.337** **c_{up}=6.337** **Citari=109**

Nr. Publicației	Referința bibliografică	Publicat în ultimii 7 ani (DA sau NU	s_i (lista SRI din anul X)	n_i	s_i/n_i
1	C Lhotka, C Galeș, Charged dust close to outer mean-motion resonances in the heliosphere **Celestial Mechanics and Dynamical Astronomy,** 131 (2019), 49.	DA	1.171 (SRI 2017)	2	0.585
2	A. Celletti and C. Galeș, Dynamics of resonances and equilibria of Low Earth Objects, **SIAM Journal on Applied Dynamical Systems**, **17** (2018), 203-235.	DA	1.730 (SRI 2016)	2	0.865
3	A. Celletti, C. Efthymiopoulos, F. Gachet, C. Galeș and G. Pucacco, Dynamical models and the onset of chaos in space debris, **International Journal of Non-Linear Mechanics**, **90** (2017), 147-163.	DA	1.364 (SRI 2016)	5	0.273
4	A. Celletti, C. Galeș, G. Pucacco and A. Rosengren, Analytical development of the lunisolar disturbing function and the critical inclination secular resonance, **Celestial Mechanics and Dynamical Astronomy**, **127** (2017), 259-283.	DA	1.171 (SRI 2017)	4	0.292
5	C. Lhotka, A. Celletti, C. Galeș, Poynting-Robertson drag and solar wind in the space debris problem, **Monthly Notices of the Royal Astronomical Society**, **460** (2016), 802-815.	DA	1.957 (SRI 2017)	3	0.652
6	A. Celletti, C. Galeș, G. Pucacco, Bifurcation of lunisolar secular resonances for space debris orbits, **SIAM Journal on Applied Dynamical Systems**, **15** (2016), 1352-1383.	DA	1.730 (SRI 2016)	3	0.576
7	A. Celletti, C. Galeș, A study of the main resonances outside the geostationary ring, **Advances in Space Research**, **56** (2015), 388-405.	DA	0.860 (SRI 2016)	2	0.43
8	A. Celletti, C. Galeș, Dynamical investigation of minor resonances for space debris, **Celestial Mechanics and Dynamical Astronomy, 123** (2015), 203-222.	DA	1.171 (SRI 2017)	2	0.585
9	A. Celletti, C. Galeș, On the Dynamics of Space Debris: 1:1 and 2:1 Resonances, **Journal of Nonlinear Science, 24** (2014), 1231-1262.	DA	2.952 (SRI 2017)	2	1.476
10	C. Galeș și N. Baroiu, On the bending of plates	DA	1.207	2	0.603

	in the electromagnetic theory of microstretch elasticity, **ZAMM**, 94, 55-71 (2014).		(SRI 2016)		
11	I.D. Ghiba și C. Galeș, Some qualitative results in the linear theory of micropolar solid-solid mixtures, **Journal of Thermal Stresses**, **36** (2013), 426-445.	NU	1.126 (SRI 2015)	2	0.563
12	C. Galeș, A cartographic study of the phase space of the restricted three body problem. Application to the Sun-Jupiter-Asteroid system, **Communications in Nonlinear Science and Numerical Simulation, 17** (2012), 4721-4730.	NU	1.487 (SRI 2015)	1	1.487
13	C. Galeș, Spatial Behavior and Continuous Dependence Results in the Linear Dynamic Theory of Magnetoelectroelasticity, **Journal of Elasticity, 108** (2012), 208-223.	NU	2.254 (SRI 2017)	1	2.254
14	I.D. Ghiba și C. Galeș, On the fundamental solutions for micropolar fluid-fluid mixtures under steady state vibrations, **Applied Mathematics and Computation, 219** (2012), 2749-2759.	NU	0.801 (SRI 2017)	2	0.4
15	C. Galeș, Some results in micromorphic piezoelectricity, **European Journal of Mechanics-A/Solids, 31** (2012), 37-46.	NU	1.935 (SRI 2014)	1	1.935
16	C. Galeș, Structural stability and convergence in piezoelectricity, **SIAM Journal on Applied Mathematics, 72** (2012), 1856-1868.	NU	1.621 (SRI 2016)	1	1.621
17	C. Galeș, I.D. Ghiba și I. Ignătescu, Asymptotic partition of energy in micromorphic thermopiezoelectricity, **Journal of Thermal Stresses**, **34** (2011), 1241-1249.	NU	1.126 (SRI 2015)	3	0.375
18	C. Galeș, Spatial behavior in the electromagnetic theory of microstretch elasticity, **International Journal of Solids and Structures**, **48** (2011), 2755-2763.	NU	1.972 (SRI 2015)	1	1.972
19	C. Galeș, On uniqueness and continuous dependence in nonlinear thermoviscoelasticity, **Journal of Thermal Stresses**, **34** (2011), 366-377.	NU	1.126 (SRI 2015)	1	1.126
20	C. Galeș, On spatial behavior of harmonic vibrations in viscoelastic Reissner-Mindlin plates, **International Journal of Solids and Structures**, **48** (2011), 243-248.	NU	1.972 (SRI 2015)	1	1.972
21	C. Galeș și I.D. Ghiba, On uniqueness and continuous dependence of solutions in viscoelastic mixtures, **Meccanica, 45** (2010), 901-909.	NU	0.925 (SRI 2015)	2	0.462
22	C. Galeș, On the nonlinear theory of micromorphic thermoelastic solids, **Mathematical Problems in Engineering**, Volume 2010 (2010), Article ID 415304, 16 pages.	NU	0.599 (SRI 2017)	1	0.599
23	C. Galeș și S. Chiriță, On spatial behavior in linear viscoelasticity, **Quarterly of Applied Mathematics, 67** (2009) pp. 707-723.	NU	0.824 (SRI 2017)	2	0.412
24	C. Galeș, On spatial behavior of the harmonic vibrations in thermoviscoelastic mixtures, **Journal of Thermal Stresses**, **32** (2009), 512 – 529.	NU	1.126 (SRI 2015)	1	1.126
25	S. Chiriță și C. Galeș, A mixture theory for	NU	1.126	2	0.563

	microstretch thermoviscoelastic solids, **Journal of Thermal Stresses, 31** (2008)**,** 1099-1124.		(SRI 2015)		
26	S. Chiriţă, C. Galeş şi I. D. Ghiba, On spatial behavior of the harmonic vibrations in Kelvin-Voigt materials, **Journal of Elasticity, 93** (2008)**,** 81-92.	NU	2.254 (SRI 2017)	3	0.751
27	C. Galeş, On the asymptotic spatial behaviour in the theory of mixtures of thermoelastic solids, **International Journal of Solids and Structures, 45** (2008), 2117-2127.	NU	1.972 (SRI 2015)	1	1.972
28	C. Galeş, Some results in the dynamics of viscoelastic mixtures, **Mathematics and Mechanics of Solids**, **13** (2008), 124-147.	NU	1.383 (SRI 2015)	1	1.383
29	C. Galeş, A mixture theory for micropolar thermoelastic solids, **Mathematical Problems in Engineering,** Vol. 2007 (2007), Article ID 90672, 21 pages.	NU	0.599 (SRI 2017)	1	0.599
30	C. Galeş, On the spatial behavior in the theory of viscoelastic mixtures, **Journal of Thermal Stresses**, **30** (2007), 1-24.	NU	1.126 (SRI 2015)	1	1.126
31	C. Galeş, Potential method in the linear theory of swelling porous elastic soils, **European Journal of Mechanics A/Solids,** 23 (2004), 957-973.	NU	1.891 (SRI 2017)	1	1.891
32	C. Galeş, Waves and vibrations in the theory of swelling porous elastic soils, **European Journal of Mechanics A/Solids, 23** (2004), 345-357.	NU	1.891 (SRI 2017)	1	1.891
33	C. Galeş, Spatial decay estimates for solutions describing harmonic vibrations in the theory of swelling porous elastic soils, **Acta Mechanica, 161** (2003), 151-164.	NU	1.053 (SRI 2015)	1	1.053
34	C. Galeş, On the asymptotic partition of energy in the theory of swelling porous elastic soils, **Archives of Mechanics, 55** (2003), 91-107.	NU	1.030 (SRI 2016)	1	1.030
35	C. Galeş, On the spatial behavior in the theory of swelling porous elastic soils, **International Journal of Solids and Structures**, **39** (2002), 4151-4165.	NU	1.972 (SRI 2015)	1	1.972
36	C. Galeş, Some uniqueness and continuous dependence results in the theory of swelling porous elastic soils, **International Journal of Engineering Science, 40** (2002), 1211-1231.	NU	3.053 (SRI 2015)	1	3.053
				c=	39.925
				c_{recent}=	6.337
TOTAL				c_{up}=	6.337

CITĂRI:

Nr. publicației care citează	Referința bibliografică a publicației care citează	s_i (lista SRI din anul X)
ARTICOL: A. Celletti, C. Galeș, G. Pucacco, Bifurcation of lunisolar secular resonances for space debris orbits, **SIAM Journal on Applied Dynamical Systems**, **15** (2016), 1352-1383.		
1	I. Gkolias, J. Daquin, F. Gachet, and A.J. Rosengren, From order to chaos in Earth satellite orbits, **The Astronomical Journal, 152** (2016), n. 5, 119.	2.758 (SRI 2016)

2	A.J. Rosengren, J. Daquin, K. Tsiganis, E.M. Alessi, G.B. Valsecchi, A. Rossi, F. Deleflie, GALILEO Disposal Orbit Strategy: Stability, Chaos and Predictability, **Monthly Notices of the Royal Astronomical Society, 464** (2017), n. 4, 4063-4076.	1.957 (SRI 2017)
3	A. Celletti, F. Paita, G. Pucacco, Twist and non-twist regimes of the oblate planet problem**, Rendiconti Lincei-Matematica e Applicazioni**, **28** (2017), 535-552.	0.968 (SRI 2016)
4	R. Armelin, J.F. San-Juan, Optimal Earth's reentry disposal of the Galileo constellation, **Advances in Space Research, 61** (2018), 1097-1120.	0.860 (SRI 2016)
5	A.J. Rosengren, D.K. Skoulidou, K. Tsiganis, G. Voyatzis, Dynamical cartography of Earth satellite orbits, **Advances in Space Research**, 63, (2019), 443-460.	0.860 (SRI 2016)
6	D.K. Skoulidou, A.J. Rosengren, K. Tsiganis, et al. Dynamical lifetime survey of geostationary transfer orbits. **Celest. Mech. Dyn. Astr.** 130, 77 (2018).	1.171 (SRI 2017)
ARTICOL: A. Celletti, C. Galeş, A study of the main resonances outside the geostationary ring, **Advances in Space Research**, **56** (2015), 388-405.		
7	M. Vetrisano, A. Celletti, G. Pucacco, Asteroid debris: Temporary capture and escape orbits, **International Journal of Non-Linear Mechanics, 86** (2016), 23-32.	1.364 (SRI 2016)
ARTICOL: A. Celletti, C. Galeş, On the Dynamics of Space Debris: 1:1 and 2:1 Resonances, **Journal of Nonlinear Science, 24** (2014), 1231-1262.		
8	A.J. Rosengren, E.M. Alessi, A. Rossi, G.B. Valsecchi, Chaos in navigation satellite orbits caused by the perturbed motion of the Moon, **Monthly Notices of the Royal Astronomical Society, 449** (2015), 3522-3526.	1.957 (SRI 2017)
9	J. Daquin, A.J. Rosengren, E.M. Alessi, F. Deleflie, G.B. Valsecchi, A. Rossi, The dynamical structure of the MEO region: long-term stability, chaos, and transport, **Celest. Mech. Dyn. Astr. 124** (2016), 335-366.	1.171 (SRI 2017)
10	M.J. Nadoushan, N. Assadian, Geography of the rotational resonances and their stability in the ellipsoidal full two body problem, **Icarus, 265** (2016), 175-186.	1.655 (SRI 2016)
11	M. Vetrisano, A. Celletti, G. Pucacco, Asteroid debris: Temporary capture and escape orbits, **International Journal of Non-Linear Mechanics, 86** (2016), 23-32.	1.364 (SRI 2016)
12	F. Gachet, A. Celletti, G. Pucacco, C. Efthymiopoulos, Geostationary secular dynamics revisited: application to high area-to-mass ratio objects, **Celestial Mechanics and Dynamical Astronomy, 128** (2017), 149-181.	1.171 (SRI 2017)
13	A.J. Rosengren, D.K. Skoulidou, K. Tsiganis, G. Voyatzis, Dynamical cartography of Earth satellite orbits, **Advances in Space Research**, 63, (2019), 443-460.	0.860 (SRI 2016)
14	D.K. Skoulidou, A.J. Rosengren, K. Tsiganis, et al. Dynamical lifetime survey of geostationary transfer orbits. **Celest. Mech. Dyn. Astr.** 130, 77 (2018).	1.171 (SRI 2017)
15	I. Gkolias, C. Colombo, Towards a sustainable exploitation of the geosynchronous orbital region, **Celestial Mechanics and Dynamical Astronomy**, 131:19 (2019).	1.171 (SRI 2017)
ARTICOL: C. Galeş, A cartographic study of the phase space of the restricted three body problem. Application to the Sun-Jupiter-Asteroid system, **Communications in Nonlinear Science and Numerical Simulation, 17** (2012), 4721-4730.		
16	N Todorović, B Novaković, Testing the FLI in the region of the Pallas asteroid family, **Monthly Notices of the Royal Astronomical Society, 451** (2015), 1637-1648.	1.957 (SRI 2017)
17	J. Daquin, A.J. Rosengren, E.M. Alessi, F. Deleflie, G.B. Valsecchi, A. Rossi, The dynamical structure of the MEO region: long-term stability, chaos, and transport, **Celest. Mech. Dyn. Astr. 124** (2016), 335-366.	1.171 (SRI 2017)
18	N Todorović, The precise and powerful chaos of the 5: 2 mean motion resonance with Jupiter, **Monthly Notices of the Royal Astronomical Society, 465** (2017), 4441-4449.	1.957 (SRI 2017)
19	Y. Jiang, Dynamical environment in the vicinity of asteroids with an application to 41 Daphne, **Results in Physics**, 9 (2018), 1511-1520.	0.698 (SRI 2017)
ARTICOL: C. Lhotka, A. Celletti, C. Galeş, Poynting-Robertson drag and solar wind in the space debris problem, **Monthly Notices of the Royal Astronomical Society**, **460** (2016), 802-815.		
20	M. Murawiecka, A. Lemaitre, Yarkovsky-Schach effect on space debris motion, **Advances in Space Research**, **61**(2018), 935-940.	0.860 (SRI 2016)
21	L. Iorio, Measuring general relativistic dragging effects in the Earth's gravitational field with ELXIS: a proposal, **Classical and Quantum Gravity**, 36:3 (2019).	3.249 (SRI 2017)
22	L. Iorio, Measuring the De Sitter precession with a new Earth's satellite to the $\simeq 10^{-5}$ level: a proposal, **The European Physical Journal C**, 79, Article number: 64 (2019).	1.707 (SRI 2017)
ARTICOL: A. Celletti, C. Galeş, G. Pucacco and A. Rosengren, Analytical development of the lunisolar disturbing function and the critical inclination secular resonance, **Celestial Mechanics and Dynamical Astronomy**, **127** (2017), 259-283.		

23	J. Daquin, A.J. Rosengren, E. M. Alessi, F. Deleflie, G.B. Valsecchi, A, Rossi, The dynamical structure of the MEO region: long-term stability, chaos, and transport, **Celestial Mechanics and Dynamical Astronomy**, 124, 335–366 (2016).	1.171 (SRI 2017)
24	E. Tresaco, J.P. Carvalho, A. Prado et al. Averaged model to study long-term dynamics of a probe about Mercury, **Celestial Mechanics and Dynamical Astronomy, 130** (2018), Article Number: UNSP 9.	1.171 (SRI 2017)
25	I. Gkolias, C. Colombo, Towards a sustainable exploitation of the geosynchronous orbital region, **Celestial Mechanics and Dynamical Astronomy**, 131:19 (2019).	1.171 (SRI 2017)
26	D. Veras, M. Efroimsky, V.V. Makarov et al., Orbital relaxation and excitation of planets tidally interacting with white dwarfs, **Monthly Notices of the Royal Astronomical Society**, 486, (2019), 3831–3848.	1.957 (SRI 2017)
ARTICOL: A. Celletti, C. Efthymiopoulos, F. Gachet, C. Galeș and G. Pucacco, Dynamical models and the onset of chaos in space debris, **International Journal of Non-Linear Mechanics**, **90** (2017), 147-163.		
27	E.M. Alessi, G. Schettino, A. Rossi et al., Solar radiation pressure resonances in Low Earth Orbits, **Monthly Notices of the Royal Astronomical Society**, **473** (2018), 2407-2414.	1.957 (SRI 2017)
28	X. Luo Y. Wang, Luni-solar resonances and effect on long-term evolution of inclined geostationary transfer orbits, **Acta Astronautica**, 165 (2019), 158-166.	1.343 (SRI 2018)
29	E. Lacruz, D. Casanova, A. Abad, Estimation of a reliability range for the area-to-mass ratio of orbiters at the geostationary ring, **Acta Astronautica**, 166 (2020), 104-112.	1.343 (SRI 2018)
30	A. Petit, D. Casanova, M. Dumont, A. Lemaître, Creation of a synthetic population of space debris to reduce discrepancies between simulation and observations **Celestial Mechanics and Dynamical Astronomy**, 130, Article number: 79 (2018).	1.171 (SRI 2017)
ARTICOL: A. Celletti and C. Galeș, Dynamics of resonances and equilibria of Low Earth Objects, **SIAM Journal on Applied Dynamical Systems**, **17** (2018), 203-235.		
31	H. Ma, G. Baù, D. Bracali Cioci and G. F. Gronchi, Preliminary orbits with line-of-sight correction for LEO satellites observed with radar, **Celestial Mechanics and Dynamical Astronomy**, 130, Article number: 70 (2018).	1.171 (SRI 2017)
32	X. Luo Y. Wang, Luni-solar resonances and effect on long-term evolution of inclined geostationary transfer orbits, **Acta Astronautica**, 165 (2019), 158-166.	1.343 (SRI 2018)
33	F. Paita, A. Celletti and G. Pucacco, Element history of the Laplace resonance: a dynamical approach, **Astronomy and Astrophysics**, 617, A35 (2018).	2.085 (SRI 2018)
ARTICOL: A. Celletti, C. Galeș, Dynamical investigation of minor resonances for space debris, **Celestial Mechanics and Dynamical Astronomy, 123** (2015), 203-222.		
34	E.A. Alessi, G. Schettino, A. Rossi, G.B. Valsecchi, Natural highways for end-of-life solutions in the LEO region, **Celestial Mechanics and Dynamical Astronomy**, 130, Article number: 34 (2018).	1.171 (SRI 2017)
ARTICOL: C. Galeș, Spatial behavior and continuous dependence results in the linear dynamic theory of magnetoelectroelasticity, **Journal of Elasticity, 108** (2012), 208-223.		
35	E.A. Ivanova, Y.E. Kolpakov, A description of piezoelectric effect in non-polar materials taking into account the quadrupole moments, **ZAMM, 96** (2016), 1033-1048.	1.207 (SRI 2016)
AUTOR: Galeș, Some results in micromorphic piezoelectricity, **European Journal of Mechanics-A/Solids, 31** (2012), 37-46.		
36	Ya Jun Yu, Xiao Geng Tian, Tian Jian Lu, On fractional order generalized thermoelasticity with micromodeling, **Acta Mechanica 224**, (2013) 2911-2927.	1.053 (SRI 2015)
37	V. Lubarda, *Dual Eshelby stress tensors and related integrals in micropolar elasticity with body forces and couples*, **European Journal of Mechanics A-Solids, 36**, 9-17, 2012)	1.891 (SRI 2017)
38	E.A. Ivanova, Y.E. Kolpakov, A description of piezoelectric effect in non-polar materials taking into account the quadrupole moments, **ZAMM, 96** (2016), 1033-1048.	1.207 (SRI 2016)
39	D. Iesan, Chiral effects in piezoelectricity, **Mechanics Research Communications, 79** (2017), 24-31.	1.274 (SRI 2015)
40	P. Neff, I. D. Ghiba, A. Madeo, L. Placidi, G. Rosi, *A unifying perspective: the relaxed linear micromorphic continuum*, **Continuum Mechanics and Thermodynamics, 26** (2014), 639-681.	1.808 (SRI 2016)
41	I.D. Ghiba, P. Neff, A. Madeo, L. Placidi, G. Rosi, The relaxed linear micromorphic continuum: Existence, uniqueness and continuous dependence in dynamics, **Mathematics and Mechanics of Solids, 20** (2015), 1171-1197.	1.383 (SRI 2015)
42	P. Neff I. D. Ghiba M. Lazar A. Madeo, The relaxed linear micromorphic continuum: well-posedness of the static problem and relations to the gauge theory of	1.229 (SRI 2016)

	dislocations, **Q. J. Mechanics Appl. Math., 68** (2015), 53-84.	
43	M. Serpilli, Asymptotic piezolectric plate models in microstretch elasticity, **ZAMM**, 98 (2018), 454-473.	1.207 (SRI 2016)
ARTICOL: C. Galeş, Spatial behavior in the electromagnetic theory of microstretch elasticity, **International Journal of Solids and Structures**, **48** (2011), 2755-2763.		
44	E.A. Ivanova, Y.E. Kolpakov, A description of piezoelectric effect in non-polar materials taking into account the quadrupole moments, **ZAMM, 96** (2016), 1033-1048.	1.207 (SRI 2016)
45	M. Serpilli, Asymptotic piezolectric plate models in microstretch elasticity, **ZAMM**, 98 (2018), 454-473.	1.207 (SRI 2016)
ARTICOL: C. Galeş, On uniqueness and continuous dependence in nonlinear thermoviscoelasticity, **Journal of Thermal Stresses**, **34** (2011), 366-377.		
46	M.M. Svanadze, Potential Method in the Theory of Thermoviscoelasticity for Materials with Voids, **Journal of Thermal Stresses, 37** (2014), 905-927.	1.126 (SRI 2015)
47	M.M. Svanadze, Plane waves and problems of steady vibrations in the theory of viscoelasticity for Kelvin-Voigt materials with double porosity, **Archives of Mechanics, 68** (2016), 441 - 458.	1.030 (SRI 2016)
ARTICOL: C. Galeş, I.D. Ghiba şi I. Ignătescu, Asymptotic partition of energy in micromorphic thermopiezoelectricity, **Journal of Thermal Stresses**, **34** (2011), 1241-1249.		
48	P. Neff, I. D. Ghiba, A. Madeo, L. Placidi, G. Rosi, A unifying perspective: the relaxed linear micromorphic continuum, **Continuum Mechanics and Thermodynamics, 26** (2014), 639-681.	1.808 (SRI 2016)
49	I.D. Ghiba, P. Neff, A. Madeo, L. Placidi, G. Rosi, The relaxed linear micromorphic continuum: Existence, uniqueness and continuous dependence in dynamics, **Mathematics and Mechanics of Solids, 20** (2015), 1171-1197.	1.383 (SRI 2015)
50	P. Neff I. D. Ghiba M. Lazar A. Madeo, The relaxed linear micromorphic continuum: well-posedness of the static problem and relations to the gauge theory of dislocations, **Q. J. Mechanics Appl. Math., 68** (2015), 53-84.	1.229 (SRI 2016)
51	E.A. Ivanova, Y.E. Kolpakov, A description of piezoelectric effect in non-polar materials taking into account the quadrupole moments, **ZAMM, 96** (2016), 1033-1048.	1.207 (SRI 2016)
52	E.A. Ivanova, A new model of a micropolar continuum and some electromagnetic analogies, **Acta Mechanica, 226** (2015), 697-721.	1.053 (SRI 2015)
53	M. Serpilli, Asymptotic piezolectric plate models in microstretch elasticity, **ZAMM**, 98 (2018), 454-473.	1.207 (SRI 2016)
AUTOR: C. Galeş, On spatial behavior of the harmonic vibrations in thermoviscoelastic mixtures, **Journal of Thermal Stresses**, **32** (2009), 512 – 529.		
54	Hong-Liang Dai, Xiang Yan si Hao-Jie Jiang, Thermoviscoelastic Behavior in a Circular HSLA Steel Plate, **Journal of Thermal Stresses, 36**, 1112-1130, 2013.	1.126 (SRI 2015)
55	Hong-Liang Dai, Zhen-Qiu Zhenga, Wei-Li Xu, Hai-Bo Liu, Ai-Hui Luo, Thermoviscoelastic dynamic response for a rectangular steel plate under laser processing, **International Journal of Heat and Mass Transfer, 105** (2017), 24–33.	2.310 (SRI 2016)
56	M.M. Svanadze, Potential Method in the Theory of Thermoviscoelasticity for Materials with Voids, **Journal of Thermal Stresses, 37** (2014), 905-927.	1.126 (SRI 2015)
57	M.M. Svanadze, Plane waves and problems of steady vibrations in the theory of viscoelasticity for Kelvin-Voigt materials with double porosity, **Archives of Mechanics, 68** (2016), 441 - 458.	1.030 (SRI 2016)
58	M.M. Svanadze, Plane waves and uniqueness theorems in the theory of viscoelastic mixtures, **Acta Mechanica, 228** (2017), 1835–1849.	1.126 (SRI 2015)
ARTICOL: S. Chiriţă, C. Galeş şi I. D. Ghiba, On spatial behavior of the harmonic vibrations in Kelvin-Voigt materials, **Journal of Elasticity, 93** (2008)**,** 81-92.		
59	J. Bhagwan, S.K. Tomar, Reflection and Transmission of Plane Dilatational Wave at a Plane Interface Between an Elastic Solid Half-Space and a Thermo-viscoelastic Solid Half-Space with Voids, **Journal of Elasticity, 121** (2015), 69-88.	2.254 (SRI 2017)
60	M.M. Svanadze, Plane waves and problems of steady vibrations in the theory of viscoelasticity for Kelvin-Voigt materials with double porosity, **Archives of Mechanics, 68** (2016), 441 - 458.	1.030 (SRI 2016)
61	M. Svanadze, On the theory of viscoelasticity for materials with double porosity, **Discrete & Continuous Dynamical Systems - Series B**, 19 (2014), 2335-2352.	1.025 (SRI 2016)
62	M.M. Svanadze, Potential Method in the Linear Theory of Viscoelastic Materials with Voids, **Journal of Elasticity, 114** (2014), 101-126.	2.254 (SRI 2017)
ARTICOL: S. Chiriţă şi C. Galeş, A mixture theory for microstretch thermoviscoelastic solids, **Journal of Thermal Stresses, 31** (2008)**,** 1099-1124.		

63	F. Passarella, V. Tibullo, V. Zampoli, On microstretch thermoviscoelastic composite materials, **European Journal of Mechanics-A/Solids, 37** (2013), 294-303.	1.891 (SRI 2017)
AUTOR: C. Galeş, On the asymptotic spatial behaviour in the theory of mixtures of thermoelastic solids, **International Journal of Solids and Structures, 45** (2008), 2117-2127.		
64	J.N. Sharma, P.K. Sharma şi S.K. Rana, Extensional and Transversal Wave Motion in Transversely Isotropic Thermoelastic Plates by Using Asymptotic Method, **Journal of Applied Mechanics-Transactions of the ASME**, **78**, Article Number: 061022, 2011.	1.099 (SRI 2016)
65	J.N. Sharma, P.K. Sharma şi S.K. Rana, Generalized thermoelastic extensional and flexural wave motions in homogenous isotropic plate by using asymptotic method, **Journal of Sound and Vibration, 330**, 510-525, 2011.	2.088 (SRI 2016)
66	J.N. Sharma, P.K. Sharma şi S.K. Rana, *Extensional wave motion in homogenous isotropic thermoelastic plate by using asymptotic method*, **Applied Mathematical Modeling, 35**, 317-327, 2011.	2.204 (SRI 2016)
67	J.N. Sharma, P.K. Sharma şi S.K. Rana, Flexural and transversal wave motion in homogeneous isotropic thermoelastic plates by using asymptotic method, **Journal of Sound and Vibration, 329**, 804-818, 2010.	2.088 (SRI 2016)
68	I.D. Ghiba, On the Thermal Theory of Micropolar Solid-Fluid Mixture, **Journal of Thermal Stresses, 34** (2011), 1-17.	1.126 (SRI 2015)
AUTOR: C. Galeş, On the spatial behavior in the theory of viscoelastic mixtures, **Journal of Thermal Stresses**, **30** (2007), 1-24.		
69	M.M. Svanadze, Potential Method in the Theory of Thermoviscoelasticity for Materials with Voids, **Journal of Thermal Stresses, 37** (2014), 905-927.	1.126 (SRI 2015)
70	M.M. Svanadze, Plane waves and problems of steady vibrations in the theory of viscoelasticity for Kelvin-Voigt materials with double porosity, **Archives of Mechanics, 68** (2016), 441 - 458.	1.030 (SRI 2016)
71	M.M. Svanadze, On the solutions in the linear theory of micropolar viscoelasticity, **Mechanics Research Communications, 81** (2017), 17-25.	1.274 (SRI 2015)
72	M.M. Svanadze, Plane waves and uniqueness theorems in the theory of viscoelastic mixtures, **Acta Mechanica, 228** (2017), 1835–1849.	1.053 (SRI 2015)
73	A. Bucur, Spatial Behavior in Linear Theory of Thermoviscoelasticity with Voids, **Journal of Thermal Stresses, 38** (2015), 229-249.	1.126 (SRI 2015)
74	I.D. Ghiba, On the Thermal Theory of Micropolar Solid-Fluid Mixture, **Journal of Thermal Stresses**, **34**, 1-17, 2011.	1.126 (SRI 2015)
AUTOR: C. Galeş, Potential method in the linear theory of swelling porous elastic soils, **European Journal of Mechanics A/Solids,** 23 (2004), 957-973		
75	I.D. Ghiba, Representation theorems and fundamental solutions for micropolar solid-fluid mixtures under steady state vibrations, **European Journal Mechanics A/Solids, 27**, 1034-1041, 2010.	1.891 (SRI 2017)
76	R. Quintanilla, Existence and exponential decay in the linear theory of viscoelastic mixtures, **European Journal Mechanics A/Solids, 24**, 311-324, 2005.	1.891 (SRI 2017)
77	I.D. Ghiba, On the steady vibrations problem in linear theory of micropolar solid-fluid mixture, **European Journal of Mechanics A-Solids, 30**, 584-593, 2011.	1.891 (SRI 2017)
AUTOR: Galeş, Waves and vibrations in the theory of swelling porous elastic soils, **European Journal of Mechanics A/Solids, 23** (2004), 345-357.		
78	I.D. Ghiba, Representation theorems and fundamental solutions for micropolar solid-fluid mixtures under steady state vibrations, **European Journal Mechanics A/Solids, 27**, 1034-1041, 2010	1.891 (SRI 2017)
79	R. Quintanilla, Existence and exponential decay in the linear theory of viscoelastic mixtures, **European Journal Mechanics A/Solids, 24**, 311-324, 2005.	1.891 (SRI 2017)
80	S.K. Tomar, S. Goyal, *Elastic Waves in Swelling Porous Media*, **Transport in Porous Media, 100**, 39-68, 2013.	1.887 (SRI 2016)
81	S. Goyal, D. Singh, S.K. Tomar, Rayleigh-Type Surface Waves in a Swelling Porous Half-Space, **Transport in Porous Media, 113** (2016), 91–109.	1.887 (SRI 2016)
82	S. Chiriţă, On the spatial decay of solutions in the theory of swelling porous thermoelastic soils, **International Journal of Engineering Science**, **42**, 1995-2010, 2004.	3.053 (SRI 2017)
AUTOR: C. Galeş, Spatial decay estimates for solutions describing harmonic vibrations in the theory of swelling porous elastic soils, **Acta Mechanica, 161** (2003), 151-164.		
83	M. Aouadi, Spatial stability for the quasi-static problem in thermoelastic diffusion theory, **Acta Applicandae Mathematicae, 106**, 307-323, 2009.	0.804 (SRI 2016)
84	S. Chiriţă, On the uniqueness and continuous data dependence of solutions in the theory of swelling porous thermoelastic soils, **International Journal of**	3.053 (SRI 2017)

	Engineering Science, **41**, 2363-2380, 2003.	
85	S. Chiriţă, On the spatial decay of solutions in the theory of swelling porous thermoelastic soils, **International Journal of Engineering Science**, **42**, 1995-2010, 2004.	3.053 (SRI 2017)
86	B. Karp şi D. Durban, Saint-Venant's Principle in Dynamics of Structures, **Applied Mechanics Reviews, 64**, Article Number: 020801, 2011.	3.940 (SRI 2016)
AUTOR: Galeş, Existence and uniqueness results in the theory of swelling porous elastic soils, **Analele Stiintifice ale Universitatii "Al. I. Cuza" Iasi**, vol. **49** (2003), 161-174		
87	S. Chiriţă, On the uniqueness and continuous data dependence of solutions in the theory of swelling porous thermoelastic soils, **International Journal of Engineering Science, 41** (2003), 2363-2380.	3.053 (SRI 2017)
88	S. Chiriţă, On the spatial decay of solutions in the theory of swelling porous thermoelastic soils, **International Journal of Engineering Science**, **42**, 1995-2010, 2004.	3.053 (SRI 2017)
89	I.D. Ghiba, Some uniqueness and continuous dependence results in the micropolar mixture theory of porous media, **International Journal of Engineering Science**, **44**, 1269-1279, 2006.	3.053 (SRI 2017)
AUTOR: C. Galeş, On the asymptotic partition of energy in the theory of swelling porous elastic soils, **Archives of Mechanics, 55** (2003), 91-107.		
90	M. Aouadi, Spatial stability for the quasi-static problem in thermoelastic diffusion theory, **Acta Applicandae Mathematicae, 106**, 307-323, 2009.	0.804 (SRI 2016)
91	S. Chiriţă, On the uniqueness and continuous data dependence of solutions in the theory of swelling porous thermoelastic soils, **International Journal of Engineering Science**, **41**, 2363-2380, 2003.	3.053 (SRI 2017)
92	S. Chiriţă, On the spatial decay of solutions in the theory of swelling porous thermoelastic soils, **International Journal of Engineering Science**, **42**, 1995-2010, 2004.	3.053 (SRI 2017)
93	S.K. Tomar, S. Goyal, Elastic Waves in Swelling Porous Media, **Transport in Porous Media, 100**, 39-68, 2013.	1.887 (SRI 2016)
ARTICOL: C. Galeş, Some uniqueness and continuous dependence results in the theory of swelling porous elastic soils, **International Journal of Engineering Science, 40** (2002), 1211-1231.		
94	R. Quintanilla, Existence and exponential decay in the linear theory of viscoelastic mixtures, **European Journal Mechanics A/Solids, 24**, 311-324, 2005.	1.891 (SRI 2017)
95	F. Bofill şi R. Quintanilla, Anti-plane shear deformations of swelling porous elastic soils, **International Journal of Engineering Science**, **41**, 801-816, 2003.	3.053 (SRI 2017)
96	F. Bofill şi R. Quintanilla, On the uniqueness and spatial behaviour of anti-plane shear deformations of swelling porous elastic soils backward in time, **International Journal of Engineering Science**, **41**, 1815-1826, 2003.	3.053 (SRI 2017)
97	R. Quintanilla, On existence and stability in the theory of swelling porous elastic soils, **IMA Journal of Applied Mathematics, 68**, 491-506, 2003.	0.875 (SRI 2016)
98	S. Chiriţă, On the uniqueness and continuous data dependence of solutions in the theory of swelling porous thermoelastic soils, **International Journal of Engineering Science**, **41**, 2363-2380, 2003.	3.053 (SRI 2017)
99	S. Chiriţă, On the spatial decay of solutions in the theory of swelling porous thermoelastic soils, **International Journal of Engineering Science**, **42**, 1995-2010, 2004.	3.053 (SRI 2017)
100	I.D. Ghiba, Some uniqueness and continuous dependence results in the micropolar mixture theory of porous media, **International Journal of Engineering Science**, **44**, 1269-1279, 2006.	3.053 (SRI 2017)
101	I.D. Ghiba, Some uniqueness and stability results in the theory of micropolar solid–fluid mixture, **Journal of Mathematical Analysis and Applications**, 355, 385–396 2009.	1.125 (SRI 2016)
102	S.K Tomar, S. Goyal, Elastic Waves in Swelling Porous Media, **Transport in Porous Media, 100**, 39-68, 2013.	1.887 (SRI 2016)
AUTOR: C. Galeş, On the spatial behavior in the theory of swelling porous elastic soils, **International Journal of Solids and Structures**, **39** (2002), 4151-4165.		
103	R. Quintanilla, Existence and exponential decay in the linear theory of viscoelastic mixtures, **European Journal Mechanics A/Solids, 24**, 311-324, 2005.	1.891 (SRI 2017)
104	M. Aouadi, Spatial stability for the quasi-static problem in thermoelastic diffusion theory, **Acta Applicandae Mathematicae, 106**, 307-323, 2009.	0.804 (SRI 2016)
105	S. Chiriţă, On the uniqueness and continuous data dependence of solutions in the theory of swelling porous thermoelastic soils, **International Journal of**	3.053 (SRI 2017)

	Engineering Science, **41**, 2363-2380, 2003.	
106	S. Chiriță, On the spatial decay of solutions in the theory of swelling porous thermoelastic soils, **International Journal of Engineering Science**, **42**, 1995-2010, 2004.	3.053 (SRI 2017)
107	I.D. Ghiba, *On the Thermal Theory of Micropolar Solid-Fluid Mixture*, **Journal of Thermal Stresses**, **34**, 1-17, 2011.	1.126 (SRI 2015)
108	B. Karp și D. Durban, Saint-Venant's Principle in Dynamics of Structures, **Applied Mechanics Reviews, 64**, Article Number: 020801, 2011.	3.940 (SRI 2016)
109	S.K. Tomar, S. Goyal, Elastic Waves in Swelling Porous Media, **Transport in Porous Media, 100**, 39-68, 2013.	1.887 (SRI 2016)

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