

STANDARDE MINIMALE OBLIGATORII STABILITE DE COMISIA MATEMATICĂ DIN CADRUL CNATDCU

Nume, prenume: **GALEȘ Cătălin-Bogdan**

Universitatea Al. I. Cuza din Iași Facultatea de Matematică

Fișa de verificare a îndeplinirii standardelor minimale Matematică:

S=39.925

S_{recent}=6.337

C=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 in the electromagnetic theory of microstretch elasticity, ZAMM , 94, 55-71 (2014).	DA	1.207 (SRI 2016)	2	0.603
11	I.D. Ghiba și C. Galeș, Some qualitative results	NU	1.126	2	0.563

	in the linear theory of micropolar solid-solid mixtures, Journal of Thermal Stresses , 36 (2013), 426-445.		(SRI 2015)		
12	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.	NU	1.487 (SRI 2015)	1	1.487
13	C. Galeş, Spatial Behavior and Continuous Dependence Results in the Linear Dynamic Theory of Magnetoelastoelectricity, Journal of Elasticity , 108 (2012), 208-223.	NU	2.254 (SRI 2017)	1	2.254
14	I.D. Ghiba şi C. Galeş, 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. Galeş, 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. Galeş, 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. Galeş, I.D. Ghiba şi 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. Galeş, 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. Galeş, 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. Galeş, 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. Galeş şi 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. Galeş, 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. Galeş şi S. Chiriţă, 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. Galeş, 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. Chiriţă şi C. Galeş, A mixture theory for microstretch thermoviscoelastic solids, Journal of Thermal Stresses , 31 (2008), 1099-1124.	NU	1.126 (SRI 2015)	2	0.563
26	S. Chiriţă, C. Galeş şi I. D. Ghiba, On spatial	NU	2.254	3	0.751

	behavior of the harmonic vibrations in Kelvin-Voigt materials, Journal of Elasticity , 93 (2008), 81-92.		(SRI 2017)		
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
TOTAL		S=			39.925
		S _{recent} =			6.337

CITĂRI:

Nr. publicației care citează	Referința bibliografică a publicației care citează	S _i (lista SRI din anul X)
ARTICOL: A. Celletti, C. Galeş, 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,	1.957 (SRI 2017)

	Monthly Notices of the Royal Astronomical Society , 464 (2017), n. 4, 4063-4076.	
3	A. Celletti, F. Païta, 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. Vetrivano, 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. Vetrivano, 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 $\approx 10^{-5}$ 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 , 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	1.171 (SRI 2017)

	transport, Celestial Mechanics and Dynamical Astronomy , 124, 335–366 (2016).	
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. Galeş 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. Galeş, 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. Païta, 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. Galeş, 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. Galeş, 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: Galeş, 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, <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)	1.891 (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, <i>A unifying perspective: the relaxed linear micromorphic continuum</i> , 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 dislocations, Q. J. Mechanics Appl. Math. , 68 (2015), 53-84.	1.229 (SRI 2016)
43	M. Serpilli, Asymptotic piezoelectric plate models in microstretch elasticity, ZAMM ,	1.207

	98 (2018), 454-473.	(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 piezoelectric 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 și 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 piezoelectric 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 Zheng, 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. Chiriță, C. Galeş și 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. Chiriță și 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 și 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 și 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 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.	2.204 (SRI 2016)
67	J.N. Sharma, P.K. Sharma și 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)
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Cătălin Galeș