

STANDARDE MINIMALE- ABILITARENume, prenume: **BÎRSAN , Mircea**

Universitatea „A.I. Cuza” din Iași

Facultatea de Matematică

Fișa de verificare a îndeplinirii standardelor minimale

I= 25.966355

 $I_{recent} = 18.980545$

C= 33

Numărul publicației	Referința bibliografică	Publicat în ultimii 7 ani (DA sau NU)	s_i	n_i	s_i/n_i
1	M. Birsan, H. Altenbach, T. Sadowski, V. Eremeyev, D. Pietras -- Deformation analysis of functionally graded beams by the direct approach, Composites Part B: Engineering 43 (2012), pp. 1315-1328.	DA	2.72260	5	0.54452
2	M. Birsan, H. Altenbach -- The Korn-type inequality in a Cosserat model for thin thermoelastic porous rods, Meccanica (2012) 47:789–794.	DA	0.63992	2	0.31996
3	M. Birsan, H. Altenbach -- Theory of thin thermoelastic rods made of porous materials, Archive of Applied Mechanics, vol. 81 (2011), 1365-1391.	DA	0.75734	2	0.37867
4	M. Birsan, H. Altenbach -- On the theory of porous elastic rods, International Journal of Solids and Structures, vol. 48 (2011), 910-924.	DA	1.82192	2	0.91096
5	M. Birsan, H. Altenbach -- On the dynamical theory of thermoelastic simple shells, ZAMM-ZEITSCHRIFT FUR ANGEWANDTE MATHEMATIK UND MECHANIK, vol. 91 (2011) 443-457.	DA	0.73190	2	0.36595
6	M. Birsan, H. Altenbach -- A mathematical study of the linear theory for orthotropic elastic simple shells, Mathematical Methods in the Applied Sciences, vol. 33 (2010), 1399-1413.	DA	0.79193	2	0.395965
7	M. Birsan -- Thermal stresses in anisotropic cylindrical elastic shells, Mathematical Methods in the Applied Sciences, vol. 33 (2010), 799-810.	DA	0.79193	1	0.79193
8	M. Birsan -- On the problems of Almansi and Michell for anisotropic Cosserat elastic shells, Archives of Mechanics, vol. 61 (2009), 195-227.	DA	0.83919	1	0.83919
9	M. Birsan -- On Saint-Venant's problem for anisotropic, inhomogeneous, cylindrical Cosserat elastic shells, International Journal of Engineering Science, vol. 47 (2009), 21-38.	DA	1.76860	1	1.76860

10	M. Birsan -- Thermal stresses in cylindrical Cosserat elastic shells, European Journal of Mechanics A/Solids, vol. 28 (2009), 94-101.	DA	1.56751	1	1.56751
11	M. Birsan -- Inequalities of Korn's type and existence results in the theory of Cosserat elastic shells, Journal of Elasticity, vol. 90 (2008), 227-239.	DA	2.20110	1	2.20110
12	M. Birsan -- On the dynamic deformation of porous Cosserat linear-thermoelastic shells, ZAMM-ZEITSCHRIFT FUR ANGEWANDTE MATHEMATIK UND MECHANIK, vol. 88 (2008), 74-78.	DA	0.73190	1	0.73190
13	M. Birsan -- On the theory of loaded general cylindrical Cosserat elastic shells, International Journal of Solids and Structures, vol. 44 (2007), 7399-7419.	DA	1.82192	1	1.82192
14	M. Birsan -- On Saint-Venant's principle in the theory of Cosserat elastic shells, International Journal of Engineering Science, vol. 45 (2007), 187-198.	DA	1.76860	1	1.76860
15	M. Birsan -- On the bending equations for elastic plates with voids, Mathematics and Mechanics of Solids, vol. 12 (2007), 40-57.	DA	1.06452	1	1.06452
16	M. Birsan -- On a thermodynamic theory of porous Cosserat elastic shells, Journal of Thermal Stresses, vol. 29 (2006), 879-899.	DA	0.76169	1	0.76169
17	M. Birsan -- On the theory of elastic shells made from a material with voids, International Journal of Solids and Structures, vol. 43 (2006), 3106-3123.	DA	1.82192	1	1.82192
18	M. Birsan -- Several results in the dynamic theory of thermoelastic Cosserat shells with voids, Mechanics Research Communications, vol. 33 (2006), 157-176.	DA	0.92564	1	0.92564
19	M. Birsan -- Minimum energy characterizations for the solution of Saint-Venant's problem in the theory of shells, Journal of Elasticity, vol. 81 (2005), 179-204.	NU	2.20110	1	2.20110
20	M. Birsan -- Saint-Venant's problem for Cosserat shells with voids, International Journal of Solids and Structures, vol. 42 (2005), 2033-2057.	NU	1.82192	1	1.82192
21	M. Birsan -- The solution of Saint-Venant's problem in the theory of Cosserat shells, Journal of Elasticity, vol. 74 (2004), 185-214.	NU	2.20110	1	2.20110
22	M. Birsan -- A bending theory of porous thermoelastic plates, Journal of Thermal Stresses, vol. 26 (2003), 67-90.	NU	0.76169	1	0.76169
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				I _{recent} =	18.980545

CITARI:

Numărul publicației care citează	Referința bibliografică a publicației care citează	S_i
ARTICOL: M. Birsan -- On Saint-Venant's problem for anisotropic, inhomogeneous, cylindrical Cosserat elastic shells, <i>International Journal of Engineering Science</i> , vol. 47 (2009), 21-38.		
1	Zhang, W., Xu, X. - The symplectic approach for two-dimensional thermo-viscoelastic analysis, <i>International Journal of Engineering Science</i> , volume 50, issue 1, January 2012, pp. 56 – 69.	1.76860
2	J. Chróscielewski, I. Kreja, A. Sabik, W. Witkowski -- Modeling of composite shells in 6-parameter nonlinear theory with drilling degree of freedom, <i>Mechanics of Advanced Materials and Structures</i> , Volume 18, Issue 6, September 2011, pages 403-419.	1.07948
3	Altenbach, J., Altenbach, H., Eremeyev, V.A. -- On generalized Cosserat-type theories of plates and shells. A short review and bibliography, <i>Archives of Applied Mechanics</i> , 2010, 80: 73–92.	0.75734
ARTICOL: M. Birsan -- Thermal stresses in cylindrical Cosserat elastic shells, <i>European Journal of Mechanics A/Solids</i> , vol. 28 (2009), 94-101.		
4	S. Brischetto, E. Carrera - Heat conduction and thermal analysis in multilayered plates and shells, <i>Mechanics Research Communications</i> , Volume 38, Issue 6, Pages 409-476 (September 2011), Pages 449-455	0.92564
5	Brischetto, S., Carrera, E. -- Coupled thermo-mechanical analysis of one-layered and multilayered plates, <i>Composite Structures</i> , volume 92, issue 8, 2010, pp. 1793 - 1812.	2.15753
6	Altenbach, J., Altenbach, H., Eremeyev, V.A. -- On generalized Cosserat-type theories of plates and shells. A short review and bibliography, <i>Archives of Applied Mechanics</i> , 2010, 80: 73–92.	0.75734
7	S. Brischetto and E. Carrera -- THERMAL STRESS ANALYSIS BY REFINED MULTILAYERED COMPOSITE SHELL THEORIES, <i>Journal of Thermal Stresses</i> , 32: 165–186, 2009	0.76169
ARTICOL: M. Birsan -- A bending theory of porous thermoelastic plates, <i>Journal of Thermal Stresses</i> , vol. 26 (2003), 67-90.		
8	D. Iesan – On a Theory of Thermo-viscoelastic Materials with Voids, <i>Journal of Elasticity</i> (2011) 104:369–384.	2.20110
9	Ghiba D.I. -- Spatial estimates concerning the harmonic vibrations in rectangular plates with voids, <i>Archives of Mechanics</i> 60 (3), 263-279, 2008	0.83919
ARTICOL: M. Birsan -- Several results in the dynamic theory of thermoelastic Cosserat shells with voids, <i>Mechanics Research Communications</i> , vol. 33 (2006), 157-176.		
10	Ezzat, M., Awad, E. -- Analytical aspects in the theory of thermoelastic bodies with microstructure and two temperatures, <i>Journal of Thermal Stresses</i> 33 (7), pp. 674-693 , 2010	0.76169
11	Aouadi, Moncef -- A theory of thermoelastic diffusion materials with voids, <i>ZEITSCHRIFT FUR ANGEWANDTE MATHEMATIK UND PHYSIK</i> 61 (2010), 357–379.	0.90373
12	Aouadi, Moncef -- The coupled theory of micropolar thermoelastic diffusion , <i>Acta Mechanica</i> 208 (3-4), pp. 181-203 , 2009.	0.89237
13	Aouadi, Moncef -- Some theorems in the generalized theory of thermo-magneto-electroelasticity under Green–Lindsay’s model, <i>Acta Mechanica</i> , Volume 200, Numbers 1-2 / September, 2008 , Pages 25-43	0.89237

14	Aouadi, Moncef -- Qualitative Aspects in the Coupled Theory of Thermo-elastic Diffusion, <i>Journal of Thermal Stresses</i> , 31 : 8, 706 -727 (2008)	0.76169
ARTICOL: M. Birsan -- On Saint-Venant's principle in the theory of Cosserat elastic shells, <i>International Journal of Engineering Science</i> , vol. 45 (2007), 187-198.		
15	Zhao, B.-S., Gao, Y., Zhao, Y.-T., Zhou, X.-X. -- Boundary conditions for an axisymmetric circular cylinder, <i>Comptes Rendus - Mecanique</i> 338 (5), pp. 255-259 , 2010.	0.70450
16	Altenbach, J., Altenbach, H., Eremeyev, V.A. -- On generalized Cosserat-type theories of plates and shells. A short review and bibliography, <i>Archives of Applied Mechanics</i> , 2010, 80: 73–92.	0.75734
ARTICOL: M. Birsan -- On the theory of loaded general cylindrical Cosserat elastic shells, <i>International Journal of Solids and Structures</i> , vol. 44 (2007), 7399-7419.		
17	Zhao, B.-S., Gao, Y., Zhao, Y.-T., Zhou, X.-X. -- Boundary conditions for an axisymmetric circular cylinder, <i>Comptes Rendus - Mecanique</i> 338 (5), pp. 255-259 , 2010.	0.70450
18	A. M. Kolesnikov, L. M. Zubov -- Large bending deformations of a cylindrical membrane with internal pressure, <i>ZAMM-ZEITSCHRIFT FUR ANGEWANDTE MATHEMATIK UND MECHANIK</i> 89, No. 4, 288 – 305 (2009)	0.73190
ARTICOL: M. Birsan -- The solution of Saint-Venant's problem in the theory of Cosserat shells, <i>Journal of Elasticity</i> , vol. 74 (2004), 185-214.		
19	Y. M. Vetyukov -- The Theory of Thin-Walled Rods of Open Profile as a Result of Asymptotic Splitting in the Problem of Deformation of a Noncircular Cylindrical Shell , <i>Journal of Elasticity</i> , Volume 98, Number 2 / February, 2010 , Pages 141-158	2.20110
20	Sargsyan, S. H. -- Thermoelasticity of Thin Shells on the Basis of Asymmetrical Theory of Elasticity, <i>Journal of Thermal Stresses</i> , Volume 32, Number 8, August 2009 , pp. 791-818	0.76169
21	A. M. Kolesnikov, L. M. Zubov -- Large bending deformations of a cylindrical membrane with internal pressure, <i>ZAMM-ZEITSCHRIFT FUR ANGEWANDTE MATHEMATIK UND MECHANIK</i> 89, No. 4, 288 – 305 (2009)	0.73190
22	Iesan, D. -- A theory of prestressed thermoelastic Cosserat continua, <i>ZAMM- Zeitschrift fur Angewandte Mathematik und Mechanik</i> 88 (4), pp. 306-319, 2008	0.73190
23	Iesan, D. -- Thermo-elastic deformation of porous cosserat beams, <i>Journal of Thermal Stresses</i> 31 (9), pp. 823-847, 2008	0.76169
ARTICOL: M. Birsan -- On a thermodynamic theory of porous Cosserat elastic shells, <i>Journal of Thermal Stresses</i> , vol. 29 (2006), 879-899.		
24	Altenbach, J., Altenbach, H., Eremeyev, V.A. -- On generalized Cosserat-type theories of plates and shells. A short review and bibliography, <i>Archives of Applied Mechanics</i> , 2010, 80: 73–92.	0.75734
25	Iesan, D. -- A theory of prestressed thermoelastic Cosserat continua, <i>ZAMM- Zeitschrift fur Angewandte Mathematik und Mechanik</i> 88 (4), pp. 306-319, 2008.	0.73190
ARTICOL: M. Birsan -- On the theory of elastic shells made from a material with voids, <i>International Journal of Solids and Structures</i> , vol. 43 (2006), 3106-3123.		
26	Altenbach, J., Altenbach, H., Eremeyev, V.A. -- On generalized Cosserat-type theories of plates and shells. A short review and bibliography, <i>Archives of Applied Mechanics</i> , 2010, 80: 73–92.	0.75734
ARTICOL: M. Birsan -- Inequalities of Korn's type and existence results in the theory of Cosserat elastic shells, <i>Journal of Elasticity</i> , vol. 90 (2008), 227-239.		
27	Altenbach, J., Altenbach, H., Eremeyev, V.A. -- On generalized Cosserat-type theories of plates and shells. A short review and bibliography,	0.75734

	Archives of Applied Mechanics, 2010, 80: 73–92.	
ARTICOL: M. Birsan -- On the bending equations for elastic plates with voids, Mathematics and Mechanics of Solids, vol. 12 (2007), 40-57.		
28	Ghiba D.I. -- Spatial estimates concerning the harmonic vibrations in rectangular plates with voids, Archives of Mechanics 60 (3), 263-279, 2008	0.83919
ARTICOL: M. Birsan -- Saint-Venant's problem for Cosserat shells with voids, International Journal of Solids and Structures, vol. 42 (2005), 2033-2057.		
29	D. Iesan – Thermal tresses in inhomogeneous porous elastic cylinders, Journal of Thermal Stresses, vol. 30, 2007, pag. 145-164	0.76169
ARTICOL: M. Birsan -- Transient and steady-state solutions for porous thermoelastic plates, Analele Stiintifice ale Universitatii "A.I. Cuza" Iasi, ser. Matematica, vol. 52 (2006), 159-176.		
30	Ghiba D.I. -- Spatial estimates concerning the harmonic vibrations in rectangular plates with voids, Archives of Mechanics 60 (3), 263-279, 2008	0.83919
ARTICOL: M. Birsan -- Existence and uniqueness of weak solutions in the linear theory of elastic shells with voids, Libertas Mathematica, vol. 20 (2000), 95-105.		
31	R. Kumar, L. Rani -- Deformation due to Mechanical and Thermal Sources in a Thermoelastic Body with Voids under Axi-symmetric Distributions, International Journal of Thermophysics, Vol. 28, No. 1, February 2007 , pag. 317-341.	0.68597
32	R. Kumar, L. Rani, Deformation due to inclined load in thermoelastic half-space with voids, Archives of Mechanics, vol. 57, 2005, pag. 7-24;	0.83919
33	R. Kumar si L. Rani, Deformation due to mechanical and thermal sources in generalized thermoelastic half-space with voids, Journal of Thermal Stresses 28, 2005, pag. 123-145	0.76169
Total : C = 33		