

PERSONAL INFORMATION

Marin MARIN



Transilvania University of Brasov, 29 Eroilor Street, 500036 Braşov, ROMANIA



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POSITION
PhD COORDINATOR
IOSUD UTBV

PhD coordinator in the doctoral studies domain: **Mathematics**

Since: 2013/October

Expertise fields and research interest topics within the coordinated PhD domain

- Applied Mathematics
- Dynamic Systems
- **Continuum Mechanics**

Number of PhD students (currently studying for their PhD): 3

Number of defended PhD theses (to be confirmed): 2

Number of approved PhD titles

WORK EXPERIENCE

[Add separate entries for each experience. Start from the most recent.]

October 2013 to present

- Professor Dr. Habil.
Transilvania University of Brasov
- Courses, seminars, research projects

March 1999 to October 2013

- Professor Dr.
Transilvania University of Brasov
- Courses, seminars, research projects

October 1996 to March 1999

- Associate Professor Dr.
Transilvania University of Brasov
- Courses, seminars, research projects

October 1993 to October 1996

- Lecturer Dr.
Transilvania University of Brasov
- Courses, seminars, research projects

October 1990 to October 1993

- Assistant.
Transilvania University of Brasov
- Seminars, research projects

EDUCATION AND TRAINING

[Add separate entries for each course. Start from the most recent.]

March 2013

Thesis of Habilitation
University of Bucharest, Faculty of Mathematics

Replace with EQF
(or other) level if
relevant

October 1990 to November 1994 Ph. D. Stage
University of Bucharest, Faculty of Mathematics
Ph. D. Thesis November 1994

October 1978 to July 1979 M.A.
University "Al. I. Cuza" of Iasi, Faculty of Mathematics
Certificate of specialization

October 1974 to July 1978 B.A.
University "Al. I. Cuza" of Iasi, Faculty of Mathematics
Diploma of merit of mathematician

PERSONAL SKILLS

[Remove any headings left empty.]

Mother tongue(s) ROMANIAN

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	C1	B2	C1	C1
German	B2	C1	B2	C1	C1
English	B2	C1	B2	C1	C1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
Common European Framework of Reference for Languages

Communication skills

- Good communication skills gained through my experience as Scientific Secretary of Faculty 2000-2010
- Dean of Faculty 2012-2016

Organisational / managerial skills

Good communication skills gained through my experience as Scientific Secretary of Faculty 2000-2010
Dean of Faculty 2012-2016

ADDITIONAL INFORMATION

Publications	8 books in Ro Publishing Houses, 2 in valuable Publishing House from U.S.A., 3 books in Springer
Presentations	
Projects	88 ISI papers in valuable Journals
Conferences	Hirsch Index: Wos=21, Scopus=22, Google Academic =27
Honours and awards	Chair of 4 International Conf., Co-Chairman to many International Conferences
	Transilvania University of Brasov Award in 2010
	Romanian Academy "Spiru Haret" Award in 2012
Memberships	SSMR, AMS, EUROMECH, New York Academy of Science
Citations	WOS citations 707, Scopus citations 775, Google citations 1195

ANNEXES

List of relevant research ISI articles

- Hassan, M; **Marin, M**; Alsharif, A; Ellahi, R. Convective heat transfer flow of nanofluid in a porous medium over wavy surface, PHYSICS LETTERS A Vol. 382 Issue: 38 pp: 2749-2753 DOI: 10.1016/j.physleta.2018.06.026 Published: SEP 29 2018
- Marin, M**; Agarwal, RP; Baleanu, D, On a generalized relaxed Saint-Venant principle, BOUNDARY VALUE PROBLEMS Article Number: 112 DOI: 10.1186/s13661-018-1031-x Published: JUL 13 2018
- Marin, M**; Ochsner, A. Propagation of a straight crack in dipolar elastic , CONTINUUM MECHANICS AND THERMODYNAMICS, Vol. 30(4), pp: 775-782 DOI: 10.1007/s00161-018-0639-5, Published: JUL 2018
- Marin, M**; Vlase, S; Carstea, C, A dipolar structure in the heat-flux dependent thermoelasticity. AIP ADVANCES Volume: 8 Issue: 3 Article Number: 035220 DOI: 10.1063/1.5029259 Published: MAR 2018
- Craciun, EM; **Marin, M**; Rabaca, A. Anti-plane crack in human bone. I. Mathematical modeling, AN. STII. UNIV. OVIDIUS C-TA, SERIA MATH. Vol: 26(1) pp: 81-90 DOI: 10.2478/auom-2018 Published: MAR 2018
- Marin, M** ; Ochsner, A. An initial boundary value problem for modeling a piezoelectric dipolar body. CONTINUUM MECHANICS AND THERMODYNAMICS Volume: 30 Issue: 2 Pages: 267-278 DOI: 10.1007/s00161-017-0599-1 Published: MAR 2018
- Abbas, IA; **Marin, M**, Analytical Solutions of a Two-Dimensional Generalized Thermoelastic Diffusions Problem Due to Laser Pulse. IRANIAN J. OF SCI. AND TECH.-TRANSACTIONS OF MECH. ENG. Vol 42(1), pp: 57-71 DOI: 10.1007/s40997-017-0077-1 Published: MAR 2018
- Chirila, A; **Marin, M**, The theory of generalized thermoelasticity with fractional order strain for dipolar materials with double porosity. JOURNAL OF MATERIALS SCIENCE, Vol. 53 Issue: 5 pp: 3470-3482 DOI: 10.1007/s10853-017-1785-z Published: MAR 2018
- Hassan, M ; **Marin, M** ; Ellahi, R; Alamri, SZ. EXPLORATION OF CONVECTIVE HEAT TRANSFER AND FLOW CHARACTERISTICS SYNTHESIS BY Cu-Ag/WATER HYBRID-NANOFLUIDS, HEAT TRANSFER RESEARCH, 49(18), 1837-1848 DOI: 10.1615/HeatTransRes.2018025569 Published: 2018
- Codardea-Munteanu, LF ; Chirila, A; **Marin, M**, Modeling Fractional Order Strain in Dipolar Thermoelasticity. IFAC PAPERS ONLINE Volume: 51 Issue: 2 Pages: 601-606 DOI: 10.1016/j.ifacol.2018.03.102 Published: 2018 WOS:000435693000103. Conference Title: 9th Vienna International Conference on Mathematical Modelling (MATHMOD) Conference Date: FEB 21-23, 2018. Conference Location: Vienna, AUSTRIA
- Marin, M** ; Codardea, L; Chirila, A, Qualitative results on mixed problem of micropolar bodies with microtemperatures. APPLICATIONS AND APPLIED MATHEMATICS-AN INTERNATIONAL JOURNAL Volume: 12 Issue: 2 Pages: 776-789 Published: DEC 2017
- Marin, M**; Broadbridge, P; Ochsner, A, Well-posed dual-phase-lag model of a thermoelastic dipolar body

- ZAMM-ZEITSCHRIFT FÜR ANGEWANDTE MATH. UND MECH., Vol. 97(12), pp: 1645-1658 DOI: 10.1002/zamm.201700164 Published: DEC 2017
13. **Marin, M**; Vlas, S; Codarcea-Munteanu, L; Chirila, A. A GENERALIZATION OF THE MINIMUM PRINCIPLE ENERGY FOR COSSERAT POROUS MATERIALS, ACTA TECHNICA NAPOCENSIS SERIES-APPL. MATH. MECH. AND ENG. Volume: 60 Issue: 4 Pages: 479-484 Published: NOV 2017
 14. Vlas, S; Nastac, C; **Marin, M**; Mihalcea, M. A METHOD FOR THE STUDY OF THE VIBRATION OF MECHANICAL BARS SYSTEMS WITH SYMMETRIES, ACTA TECHNICA NAPOCENSIS SERIES-APPL. MATH. MECH. AND ENG, Vol 60(4), pp: 539-544 Published: NOV 2017
 15. **Marin, M**; Ochsner, A. The effect of a dipolar structure on the Holder stability in Green-Naghdi thermoelasticity, CONTINUUM MECHANICS AND THERMODYNAMICS Volume: 29 Issue: 6 Pages: 1365-1374 DOI: 10.1007/s00161-017-0585-7 Published: NOV 2017
 16. **Marin, M**; Craciun, EM, Uniqueness results for a boundary value problem in dipolar thermoelasticity to model composite materials, COMPOSITES PART B-ENGINEERING Volume: 126 Pages: 27-37 DOI:10.1016/j.compositesb.2017.05.063 Published: OCT 1 2017
 17. Vlas, S; **Marin, M**; Scutaru, ML; Munteanu, R. Coupled transverse and torsional vibrations in a mechanical system with two identical beams, AIP ADVANCES Volume: 7 Issue: 6 Article Number: 065301 DOI: 10.1063/1.4985271 Published: JUN 2017
 18. Chiru, A; Gheorghita, V; Vlas, S; Scutaru, ML; **Marin, M**, Damping and Super-Elasticity Properties of a Memory Shape Alloy NiTi Used in Automotive Engineering, JOURNAL OF VIBRATION ENGINEERING & TECHNOLOGIES Volume: 5 Issue: 3 Pages: 223-227 Published: JUN 2017
 19. **Marin, M**; Agarwal, RP; Codarcea, L. A mathematical model for three-phase-lag dipolar thermoelastic bodies, JOURNAL OF INEQUALITIES AND APPLICATIONS Article Number: 109 DOI: 10.1186/s13660-017-1380-5 Published: MAY 10 2017
 20. Abbas, IA; **Marin, M**, Analytical solution of thermoelastic interaction in a half-space by pulsed laser heating, PHYSICA E-LOW-DIMENS. SYSTEMS & NANOSTRUCTURES Volume: 87 Pages: 254-260 DOI: 10.1016/j.physe.2016.10.048 Published: MAR 2017
 21. **Marin, M**; Baleanu, D; Vlas, S. Effect of microtemperatures for micropolar thermoelastic bodies, STRUCTURAL ENGINEERING AND MECHANICS Volume: 61 Issue: 3 Pages: 381-387 DOI: 10.12989/sem.2017.61.3.381 Published: FEB 10 2017
 22. Chirila, A; Agarwal, RP; **Marin, M**, Proving uniqueness for the solution of the problem of homogeneous and anisotropic micropolar thermoelasticity, BOUNDARY VALUE PROBLEMS Article Number: 3 DOI: 10.1186/s13661-016-0734-0 Published: JAN 3 2017
 23. Othman, MIA; **Marin, M**, Effect of thermal loading due to laser pulse on thermoelastic porous medium under G-N theory, RESULTS IN PHYSICS Volume: 7 Pages: 3863-3872 DOI: 10.1016/j.rinp.2017.10.012 Published: 2017
 24. **Marin, M**; Ellahi, R, Chirila, A. On solutions of Saint-Venant's problem for elastic dipolar bodies with voids, CARPATHIAN JOURNAL OF MATHEMATICS Volume: 33 Issue: 2 Pages: 219-232 Published: 2017
 25. **Marin, M**; Baleanu, D; Carstea, C; Ellahi, R, A uniqueness result for final boundary value problem of microstretch bodies, JOURNAL OF NONLINEAR SCIENCES AND APPLICATIONS, Vol. 10 Issue: 4 pp: 1908-1918 DOI: 10.22436/jnsa.010.04.50 Published: 2017
 26. **Marin, M**; Abbas, I; Carstea, C. On continuous dependence for the mixed problem of microstretch bodies AN. STIL. UNIV. OVIDIUS CONSTANTA-SERIA MATEMATICA, Vol 25 Issue: 1, pp: 131-143 DOI: 10.1515/auom-2017-0011 Published: 2017
 27. **Marin, M**; Nicaise, S. Existence and stability results for thermoelastic dipolar bodies with double porosity, CONTINUUM MECHANICS AND THERMODYNAMICS, Vol. 28(6), pp 1645-1657 DOI: 10.1007/s00161-016-0503-4 Published: NOV 2016
 28. Abo-Dahab, SM; Abd-Alla, AM; **Marin, M**, SV-waves incidence at interface between solid-liquid media under magnetic field, initial stress and two thermal relaxation times. JOURNAL OF VIBRATION AND CONTROL, Vol. 22(15), 3426-3438, DOI: 10.1177/1077546314553607 Published: AUG 2016

29. **Marin, M**; Baleanu, D. On vibrations in thermoelasticity without energy dissipation for micropolar bodies. BOUNDARY VALUE PROBLEMS Article Number: 111 DOI: 10.1186/s13661-016-0620-9 Published: JUN 7 2016
30. **Marin, M**. An approach of a heat-flux dependent theory for micropolar porous media, MECCANICA Volume: 51 Issue: 5 Pages: 1127-1133 DOI: 10.1007/s11012-015-0265-2 Published: MAY 2016
31. **Marin, M**; Craciun, EM; Pop, N, CONSIDERATIONS ON MIXED INITIAL-BOUNDARY VALUE PROBLEMS FOR MICROPOLAR POROUS BODIES, DYNAMIC SYSTEMS AND APPLICATIONS Volume: 25 Issue: 1-2 Pages: 175-195 Published: MAR-JUN 2016
32. **Marin, M**, Vlase, S, Effect of internal state variables in thermoelasticity of microstretch bodies AN. STIL. UNIV. OVIDIUS C-TA, SERIA MATH. Vol. 24(3), 241-257, DOI: 10.1515/auom-2016-0057 Published: 2016
33. **Marin, M**; Abbas, I. Evolution of solutions for dipolar bodies in Thermoelasticity without energy dissipation AN. STIL. UNIV. OVIDIUS C-TA, SERIA MATH. Vol. 24(1), 57-82, DOI: 10.1515/auom-2016-0019 Published: 2016
34. Mahmoud, SR; Abd-Alla, AM; Tounsi, A; **Marin, M**, The problem of wave propagation in magneto-rotating orthotropic non-homogeneous medium, JOURNAL OF VIBRATION AND CONTROL Vol. 21(16), 3281-3291, DOI: 10.1177/1077546314521443 Published: DEC 2015
35. **Marin, M**; Agarwal, RP; Florea, OA, A nonlinear equation for fluids in multiconnected domain, BOUNDARY VALUE PROBLEMS Article Number: 198 DOI: 10.1186/s13661-015-0461-y Published: OCT 29 2015
36. **Marin, M**; Abd-Alla, AM; Abo-Dahab, SM, A Control of Energy Component Behavior in Thermoelasticity of Micromorphic Materials. J. OF COMP. THEO. NANOSCI. Vol. 12(9), 2287-2298, DOI: 10.1166/jctn.2015.4021 Published: SEP 2015
37. Kumar, R; **Marin, M**; Abbas, IA. Axisymmetric Distributions of Thick Circular Plate in a Modified Couple Stress Theory J. OF MOLECULAR AND ENGINEERING MATERIALS, Vol. 3(3-4), Art. No: 1550004 DOI: 10.1142/S2251237315500045 Published: SEP-DEC 2015
38. **Marin, M**; Othman, MIA; Abbas, IA. An Extension of the Domain of Influence Theorem for Generalized Thermoelasticity of Anisotropic Material with Voids. J. OF COMP. THEO. NANOSCI. Vol. 12(8), 1594-1598. DOI: 10.1166/jctn.2015.3934 Published: AUG 2015
39. **Marin, M**; Othman, MIA; Abbas, IA, Behavior of Cesaro Means of Energy Components for Non-Simple Thermoelastic Bodies. J. OF COMP. THEO. NANOSCI. Vol 12(8), pp: 1888-1897 DOI: 10.1166/jctn.2015.3974 Published: AUG 2015
40. **Marin, M**; Mahmoud, SR, ON CESARO MEANS OF ENERGY IN MICROPOLAR THERMOELASTIC DIFFUSION THEORY, J. MECHANICS OF MATERIALS AND STRUCTURES, Vol. 10(4), 497-518, DOI: 10.2140/jonms.2015.10.497 Published: JUL 2015
41. **Marin, M**; Agarwal, RP. On the possibility of locating in time of solutions for thermoelastic porous dipolar Bodies, ACTA MECHANICA Volume: 226 Issue: 6 Pages: 2053-2063 DOI: 10.1007/s00707-014-1276-0 Published: JUN 2015
42. Scutaru, MI.; Teodorescu-Draghicescu, H; Vlase, S; **Marin, M**, Advanced HDPE with increased stiffness used for water supply networks, JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS, Vol. 17(3-4), 484-488, Published: MAR-APR 2015
43. **Marin, M**; Vlase, S; Paun, M, Title: Considerations on double porosity structure for micropolar bodies, AIP ADVANCES Volume: 5 Issue: 3 Article Number: 037113 DOI: 10.1063/1.4914912 Published: MAR 2015
44. **Marin, M**; Abd-Alla, AM; Raducanu, D; Abo-Dahab, SM, Structural Continuous Dependence in Micropolar Porous Bodies, CMC-COMPUTERS MATERIALS & CONTINUA Volume: 45 Issue: 2 Pages: 107-125 Published: FEB 2015
45. Abbas, IA; **Marin, M**; Abouelnagd, EI; Kumar, R. A Green and Naghdi Model in a Two-Dimensional Thermoelastic Diffusion Problem for a Half Space, J. COMP. AND THEORETICAL NANOSCIENCE, Vol. 12(2), 280-286, DOI: 10.1166/jctn.2015.3729 Published: FEB 2015

46. Abbas, IA; **Marin, M**; Kumar, R, Analytical-Numerical Solution of Thermoelastic Interactions in a Semi-Infinite Medium with One Relaxation Time. J. COMP. AND THEORETICAL NANOSCIENCE, Vol. 12(2), 287-291, DOI: 10.1166/jctn.2015.3730 Published: FEB 2015
47. **Marin, M**; Florea, O; Mahmoud, SR. A Result regarding the Seismic Dislocations in Microstretch Thermoelastic Bodies. MATHEMATICAL PROBLEMS IN ENGINEERING, Art. No. 850261, DOI: 10.1155/2015/850261 Published: 2015
48. Mahmoud, SR; **Marin, M**; Al-Basyouni, KS. Effect of the initial stress and rotation on free vibrations in transversely isotropic human long dry bone, AN. STIL. UNIV. OVIDIUS C-TA, SERIA MATH. Vol. 23(1), 171-184 DOI: 10.2478/auom-2014-0071 Published: 2015
49. **Marin, M**; Abbas, I; Kumar, R. Relaxed Saint-Venant principle for thermoelastic micropolar diffusion STRUCTURAL ENGINEERING AND MECHANICS Volume: 51 Issue: 4 Pages: 651-662 DOI: 10.12989/sem.2014.51.4.651 Published: AUG 25 2014
49. **Marin, M**; Finite energy solutions in thermoelasticity of porous materials, JOURNAL OF VIBRATION AND CONTROL Volume: 20 Issue: 11 Pages: 1656-1662 DOI: 10.1177/1077546312474858 Published: AUG 2014
50. Mahmoud. SR; Tounsi, A; **Marin, M**; Ali, SI; Ali, AT, Effect of Magnetic Field and Initial Stress on Radial Vibrations in Rotating Orthotropic Homogeneous Hollow Sphere, J. COMP. AND THEOR. NANOSCIENCE, Vol. 11(6), 1524-1529. DOI: 10.1166/jctn.2014.3529 Published: JUN 2014
51. **Marin, M**; Agarwal, RP; Abbas, IA, Effect of intrinsic rotations, microstructural expansion and contractions in initial boundary value problem of thermoelastic bodies, BOUNDARY VALUE PROBLEMS Article Number: 129 DOI: 10.1186/1687-2770-2014-129 Published: MAY 22 2014
52. **Marin, M**; Agarwal, RP; Othman, M, Localization in Time of Solutions for Thermoelastic Micropolar Materials with Voids, CMC-COMPUTERS MATERIALS & CONTINUA Volume: 40 Issue: 1 Pages: 35-48 Published: MAR 2014
53. **Marin, M**; Mahmoud, SR; Stan, G, INTERNAL STATE VARIABLES IN DIPOLAR THERMO-ELASTIC BODIES. HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, Vol. 43(1), 15-26, Published: FEB 2014
54. Sharma, K; **Marin, M**, Reflection and transmission of waves from imperfect boundary between two heat conducting micropolar thermoelastic solids. AN. STIL. UNIV. OVIDIUS CONSTANTA-SERIA MATEMATICA, Vol. 22(2), 151-175, DOI: 10.2478/auom-2014-0040 Published: 2014
55. **Marin, M**; Florea, O, On temporal behaviour of solutions in Thermoelasticity of porous micropolar bodies, AN. STIL. UNIV. OVIDIUS CONSTANTA-SERIA MATEMATICA Volume: 22 Issue: 1 Pages: 169-188 DOI: 10.2478/auom-2014-0014 Published: 2014
56. **Marin, M**; Mahmoud, SR; Al-Basyouni, KS. Problems of Micromorphic Elastic Bodies Approached by Lagrange Identity Method, CMC-COMPUTERS MATERIALS & CONTINUA Volume: 37 Issue: 1 Pages: 23-37 Published: SEP 2013
57. **Marin, M**; Agarwal, RP; Mahmoud, SR, Modeling a Microstretch Thermoelastic Body with Two Temperatures. ABSTRACT AND APPLIED ANALYSIS Article Number: 583464 DOI: 10.1155/2013/583464 Published: 2013
58. **Marin, M**, SOME BASIC RESULTS IN NONLINEAR THEORY OF DIPOLAR POROUS MATERIALS. JOURNAL OF POROUS MEDIA Vol.16(11), Pages: 1035-1042 Published: 2013
59. Sharma, K; **Marin, M**, EFFECT OF DISTINCT CONDUCTIVE AND THERMODYNAMIC TEMPERATURES ON THE REFLECTION OF PLANE WAVES, IN MICROPOLAR ELASTIC HALF-SPACE. UNIV. Politeh. Univ. Buchar., Ser. A Appl. Math. Phys, Vol 75(2), pp: 121-132, 2013
60. Mahmoud, SR; **Marin, M**; Ali, SI; Al-Basyouni, KS. On Free Vibrations of Elastodynamic Problem in Rotating Non-Homogeneous Orthotropic Hollow Sphere, MATHEMATICAL PROBLEMS IN ENGINEERING Article Number: 250567 DOI: 10.1155/2013/250567 Published: 2013
61. **Marin, M**; Agarwal, RP; Mahmoud, SR. Nonsimple material problems addressed by the Lagrange's Identity, BOUNDARY VALUE PROBLEMS Art. No. 135 DOI: 10.1186/1687-2770-2013-135, 2013

62. **Marin, M.** Weak solutions in Elasticity of dipolar bodies with stretch. CARPATHIAN JOURNAL OF MATHEMATICS Volume: 29 Issue: 1 Pages: 33-40, Published: 2013
63. Neagu, M; **Marin, M.** FROM A DYNAMICAL SYSTEM OF THE KNEE TO NATURAL JET GEOMETRICAL OBJECTS, QUARTERLY OF APPLIED MATHEMATICS, Vol. 71(4), 689-705. Article Number: PII S0033-569X(2013)01307-4 Published: 2013
65. **Marin, M.** ON SOME SINGULAR INTEGRAL EQUATIONS IN ASYMMETRIC ELASTICITY MATHEMATICAL REPORTS Volume: 14 Issue: 2 Pages: 149-160 Published: 2012
66. **Marin, M.** Some results on analyticity with applications. JOURNAL OF COMPUTATIONAL ANALYSIS AND APPLICATIONS, Vol. 13(2), 388-398, Published: FEB 2011
67. **Marin, M.** A domain of influence theorem for microstretch elastic materials, NONLINEAR ANALYSIS-REAL WORLD APPLICATIONS, Vol. 11(5), 3446-3452
DOI: 10.1016/j.nonrwa.2009.12.005 Published: OCT 2010
68. **Marin, M.** Harmonic Vibrations in Thermoelasticity of Microstretch Materials, J. OF VIBRATION AND ACOUSTICS-TRANSACTIONS OF THE ASME, Vol 132(4), Art. No. 044501
DOI: 10.1115/1.4000971 Published: AUG 2010
69. **Marin, M.** Title: A partition of energy in thermoelasticity of microstretch bodies, NONLINEAR ANALYSIS-REAL WORLD APPLICATIONS, Vol. 11(4), pp: 2436-2447
DOI: 10.1016/j.nonrwa.2009.07.014 Published: AUG 2010
70. **Marin, M.** Lagrange identity method for microstretch thermoelastic materials, JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS, Vol. 363(1), 275-286,
DOI: 10.1016/j.jmaa.2009.08.045 Published: MAR 1 2010
71. **Marin, M.** IMPLICATIONS OF EVOLUTIONARY EQUATIONS IN ELASTICITY OF POROUS MATERIALS, JOURNAL OF POROUS MEDIA Volume:13 Issue: 12 Pages: 1103-1109
DOI: 10.1615/JPorMedia.v13.i12.50 Published: 2010
72. **Marin, M.** Some Estimates on Vibrations in Thermoelasticity of Dipolar Bodies, JOURNAL OF VIBRATION AND CONTROL Volume: 16 Issue: 1 Pages: 33-47
DOI: 10.1177/1077546309103419 Published: JAN 2010
73. **Marin, M.** On the minimum principle for dipolar materials with stretch. NONLINEAR ANALYSIS-REAL WORLD APPLICATIONS, Vol 10(3), pp: 1572-1578
DOI: 10.1016/j.nonrwa.2008.02.001 Published: JUN 2009
74. **Marin, M.** Weak Solutions in Elasticity of Dipolar Porous Materials, MATHEMATICAL PROBLEMS IN ENGINEERING Article Number: 158908 DOI: 10.1155/2008/158908 Published: 2008
75. **Marin, M.** An evolutionary equation in thermoelasticity of dipolar bodies, JOURNAL OF MATHEMATICAL PHYSICS Volume: 40 Issue: 3 Pages: 1391-1399
DOI: 10.1063/1.532809 Published: MAR 1999
76. **Marin, M.** Lupu, On harmonic vibrations in thermoelasticity of micropolar bodies, JOURNAL OF VIBRATION AND CONTROL Volume: 4 Issue: 5 Pages: 507- 518
DOI: 10.1177/107754639800400501 Published: SEP 1998
77. **Marin, M;** Marinescu, C, Thermoelasticity of initially stressed bodies. Asymptotic equipartition of energies. INTERNATIONAL JOURNAL OF ENGINEERING SCIENCE, Vol 36(1), pp: 73-86
DOI: 10.1016/S0020-7225(97)00019-0 Published: JAN 1998
78. **Marin, M.** On weak solutions in elasticity of dipolar bodies with voids, JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS, Vol. 82(1-2), pp: 291-297 DOI: 10.1016/S0377-0427(97)00047-2
Published: SEP 15 1997
79. **Marin, M.** Aspects of uniqueness in thermoelasticity of micropolar bodies. MECHANICS RESEARCH COMMUNICATIONS Volume: 24 Issue: 5 Pages: 561-568
DOI: 10.1016/S0093-6413(97)00062-1 Published: SEP-OCT 1997
80. **Marin, M.** Cesaro means in thermoelasticity of dipolar bodies,
ACTA MECHANICA, Vol. 122(1-4), 155-168, DOI: 10.1007/BF01181996 Published: 1997
81. **Marin, M.** Aspects of uniqueness in thermoelasticity of micropolar bodies with internal state variables, INTERNATIONAL JOURNAL OF ENGINEERING SCIENCE, Vol. 34(10), 1211-1220,
DOI: 10.1016/0020-7225(96)00014-6 Published: AUG 1996

82. **Marin, M.**, On uniqueness in elastodynamics of dipolar materials with voids, JOURNAL OF THERMAL STRESSES, Vol. 19(5), 431-444, DOI: 10.1080/01495739608946186
Published: JUL-AUG 1996
83. **Marin, M.**, Some basic theorems in elastostatics of micropolar materials with voids, JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS, Vol. 70(1), 115-126
DOI: 10.1016/0377-0427(95)00137-9 Published: JUN 14 1996
84. **Marin, M.**, On existence and uniqueness in thermoelasticity of micropolar bodies, COMPT REND ACAD. SCI. PARIS, SERIE II FASC. B-MECANIQUE PHYS. ASTR., Vol. 321(12), pp: 475-480
Published: DEC 14 1995
85. **Marin, M.**, THE LAGRANGE IDENTITY METHOD IN THERMOELASTICITY OF BODIES WITH MICROSTRUCTURE, INTERNATIONAL JOURNAL OF ENGINEERING SCIENCE, Vol. 32(8), pp: 1229-1240 DOI: 10.1016/0020-7225(94)90034-5 Published: AUG 1994

Suplimentary: Some ISI articles, accepted or published, but not yet "seen" by WOS

1. **M. Marin**, A. Öchsner, D. Baleanu, On stability in the thermoelastostatics of dipolar bodies, Acta Mechanica, Vol. 229(10), 4267-4277, 2018
2. **M. Marin**, A. Öchsner, S. Vlas, Minimum principle for a composite modeled as two interacting dipolar continua, Mechanics of Composite Materials, Vol. 54(4), 523-536, 2018
3. **M. Marin**, V. Radulescu, A variational approach for first boundary value problem in elastostatics of dipolar bodies, Mediteranian Journal of Mathematics (accepted 2018)
4. **M. Marin**, A. Ochsner, V. Radulescu, A polynomial way to control the decay of solutions for dipolar bodies, Continuum Mechanics and Thermodynamics (accepted 2018)
5. **M. Marin**, E. Carrera, D. Baleanu, On the boundary value problem in the non-linear theory of dipolar elastic materials, Mechanics of Advanced Materials and Structures (accepted 2018)
6. **M. Marin**, E. Carrera, A. Ochsner, Some estimates on solutions of mixed problems for mixtures, Mechanics of Advanced Materials and Structures (accepted 2018)
7. **M. Marin**, A. Ochsner, SR Mahmoud, An extension of the Saint-Venant's principle for dipolar elastic bodies, Archive of Applied Mechanics (accepted 2018)
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