CURRICULUM VITAE

GEORGIA A. FOUTSITZI

Professor,
Department of Accounting and Finance,
Dean of the School of Management and Economics,
Technological Educational Institution of Epirus, Greece

CONTACT INFORMATION

Department of Accounting and Finance,
School of Management and Economics
Technological Educational Institution (T.E.I.) of Epirus,
Psathaki, P.O.B.169,
48100 Preveza, Greece.
tel. +302682050615
Fax: +302682050631
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PERSONAL DATA

Date and Place of Birth: May 9, 1966, Piraeus, Greece.

Nationality: Greek

Family Status: Married, one daughter.

ACADEMIC DEGREES

1989 Diploma Degree. Department of Mathematics, University of Ioannina, Ioannina, Greece

1996 PhD Degree in Applied Mathematics and Mechanics. Supervisor: Prof. C. V. Massalas. Division of Applied Mathematics and Mechanics, Department of Mathematics, University of Ioannina, Greece.

Supported by the G. Stavros Institution (1991-93) and by the University of Ioannina (1994-95)

ACADEMIC APPOINTMENTS

Dec 2012– today	Professor in Applied Mathematics. Dept. of Accounting and Finance, TEI of Epirus, Greece
Sept. 2005 – Dec 2012	Associate Professor in Applied Mathematics. Dept. of Finance and Auditing, TEI of Epirus, Greece
Sept. 2002 – Aug. 2005	Assistant Professor (on an annual contract basis). Dept. of Finance and Auditing, TEI of Epirus, Greece.
Sept 2001 – Aug. 2004	Assistant Professor (on an annual contract basis). Dept. of Material Science and Technology, University of Ioannina.
Oct. 1999 – Aug. 2001	Lecturer (on an annual contract basis). Dept. of Material Science and Technology, University of Ioannina.
Nov. 1998-Aug. 1999:	Lecturer (on an annual contract basis). Dept. of Mathematics, University of Ioannina.
Sept. 1997- 2001:	Teaching Fellow, TEI of Epirus, Greece
1996-Aug. 1999	Postdoctoral Research Fellow. Division of Applied Mathematics and Mechanics, Dept. of Mathematics, University of Ioannina.
Sept. 1991-March 1996	Tutor (Teaching Assistant), Dept. of Mathematics, University of Ioannina

ADMINISTRATIVE POSITIONS

2010 – today	Dean of School of Management and Economics, Technological Educational Institution of Epirus, Greece
2009-2010	Dean of School of Technological Applications, Technological Educational Institution of Epirus, Greece
2005-2006	Dept. Chair, Dept. of Finance and Auditing, TEI of Epirus, Greece

RESEARCH INTERESTS

- Mathematical Modeling and Simulation
    - Mechanics of Coupled Fields (Thermoelasticity, Electroelasticity)
    - Smart Materials and Structures
    - Time-Series Models
- Mathematical Methods
    - Variational Methods (Variational Inequalities)
    - Finite Element Method

- Design and Control of Smart Structures
- Quantitative Methods

- Biomechanics

PROJECTS

01/1996 -05/1997: *"New instruments for early diagnosis of medical and biotechnological applications (EPET II)"* supported by General Secretary for Research and Technology (G.S.R.T.). University of Ioannina, Greece

07/1996 - 06/1998: *"The magetohydrodynamıc flow and heat production as an energy source (PENED)"* supported by General Secretary for Research and Technology (G.S.R.T.) University of Ioannina, Greece

10/1996-09/1997: *"A dynamic theory of thermoelastic dielectrics with quadruple polarization and polarization inertia*" supported by the Research Board of University of Ioannina. University of Ioannina, Greece

06/1997-03/1998: *"Automatic electromechanical system for production and diagnosis of osteogenesis"* supported by General Secretary for Research and Technology (G.S.R.T.). University of Ioannina, Greece

04/1998-06/1999: *"Rise Regional information society strategy for Epirus"* supported by European Union. University of Ioannina, Greece

07/1999-10/1999: *"TEMETEN. Towards a European medical and teleworking network"* supported by European Union. University of Ioannina, Greece

01/2000-07/2001: *"Telematics of West Greece, Epirus and Ionian Island. INTEREG II"* supported by European Union. University of Ioannina, Ioannina, Greece

01/04/2004 - 28/02/2007: *"Optimal Control of Structures*" Archimedes EPEAEK, supported by European Union. TEI of Crete, Crete, Greece

2001-2003: Network project Greek-German Scientific Partnership IKYDA 2001 *Inverse and Crack Identification Problems* (Coordinators: Prof. G. Stavroulakis TU Crete and Prof H. Antes TU Braunschweig).

2001 – May 2004: Participation in the International European Programme COST-C14: *Impact of wind and Storm on City Life and Built Environment*. (Coordinators for the Greek team Prof. CK Baniotopoulos and Prof. GE Stavroulakis)

2002-2006: Participation in the European Network for Research and Teaching SMART SYSTEMS. *New Materials, Adaptive Systems and Their Nonlinearities. Modeling, Control and Numerical Simulation* supported by European Union (code HPRN-CT-2002-00284)

2006-2007: Scientific Partnership with the Technical University of Sofia, Bulgaria. ERASMUS project

03/2012 -02/2015: Project Coordinator of *"Modelling, Simulation and Control of Composite Smart Structures (MoSiCoSS)*" Archimedes III ESPA, supported by European Union. TEI of Epirus, Preveza, Greece

PUBLICATIONS

Theses

1. G. Foutsitzi, *"Field Interaction in Materials with Memory"* Ph.D. Dissertation, Department of Mathematics, University of Ioannina (1996).

Research Papers (Refereed)

1. C.V. Massalas, G. Foutsitzi and V. Kalpakidis *"Thermodynamic Theory of Materials with Memory"*, Proceedings of 3rd National Conference of Mathematical Analysis, p. 125-127 (1993).
2. C. V. Massalas, V. K. Kalpakidis, G. Foutsitzi, "Some comments on the extended Tiersten's theory of Thermoelectro- elasticity" *Mech. Res. Comm.*, 21(4), pp. 343-351 (1994).
3. C. V. Massalas, G. Foutsitzi, V. K. Kalpakidis, "Thermoelectroelasticity theory for materials with memory", *Int. J. Engng Sci.*, 32(7), 1075-1084 (1994).
4. G. Foutsitzi, V. K. Kalpakidis, C. V. Massalas, "On the Existence and Uniqueness in Linear Thermoviscoelasticity" *ZAMM*, 77, 33-44 (1996).
5. Foutsitzi, G.; Fotiadis, D.; Massalas, "Wave propagation in Human Long Bones", *Proc. 15th IMACS, World Congress on Scientific Computation, Modelling and Applied Mathematics*, Vol. 3, p.785-790, (1997).
6. D.I. Fotiadis, G. Foutsitzi, C.V. Massalas, "On the Dynamic Characteristics of the Human Long Bones" *Proc. 5th National Congress on Mechanics*, Vol. I, pp.18-25, (1998).
7. L.P. Lebedev, V.K. Kalpakides, G. Foutsitzi "On Existence in non-Linear Theory of Shells" *Proc. 5th National Congress on Mechanics*, Vol. II, pp. 1101-1111, (1998).
8. D.I. Fotiadis, G. Foutsitzi, C.V. Massalas "Wave Propagation in Human Long Bones" Applied Mathematics in Science and Engineering, Metsovo, Greece, June 30-July 1, 1997, in *Mathematical Methods in Scattering Theory and Biomedical Technology*, 91-109, Addison Wesley Longman, Pitman Research Notes in Mathematical Series, 390 (1998).
9. D.I. Fotiadis, G. Foutsitzi, C.V. Massalas, "Wave Propagation Modeling in Human Long Bones" *Acta Mechanica* 137, pp. 65-82 (1999).
10. D.I. Fotiadis, G. Foutsitzi, and C.V. Massalas, "Wave Propagation in Piezoelectric Bones", *Proc. EMBEC '99 – European Medical & Biological Engineering Conf.*, Vienna, November 4 – 7, Medical & Biological Engineering and Computing, **37**, pp. 278-279 (1999).
11. L.P. Lebedev, V.K. Kalpakides, G. Foutsitzi, "Solvability of Boundary Value Problems of the Dynamics of Nonlinear Viscoelastic Shells", *Math. & Mech of Solids* 6(1), pp. 65-86 (2000).
12. D.I. Fotiadis, G. Foutsitzi, C.V. Massalas, "Wave propagation in a piezoelectric bone of arbitrary cross section" *Int. J. Engng Sci.* 38, pp. 1553-1591 (2000).
13. D.I. Fotiadis, G. Foutsitzi, C.V. Massalas "Wave Propagation in Human Long Bones of Arbitrary Cross Section with a Cavity Filled with an Incompressible Fluid" *Proc. 16th IMACS World Congress on Scientific Computation, Modelling and Applied Mathematics,* (2000).
14. G. Foutsitzi, A. Charalambopoulos, D. I. Fotiadis, C. V. Massalas "Study of the Dynamic Characteristics During Callus Formation", *Proc. 6th National Congress on Mechanics*, Vol. II, pp. 216-221, (2001).

15. V. A. Papathanasopoulou, D.I. Fotiadis, G. Foutsitzi, C. V. Massalas. "A Poroelastic Bone Model for Internal Remodeling" *Intl. J. Engng. Sci.* 40(5), 511-530 (2002).
16. D. Foutsitsi, G.E. Stavroulakis, "Variational inequalities in thermoelasticity". *Intl. Conf. Nonsmooth/Nonconvex Mechanics With Applications In Engineering*, Ed. C.C. Baniotopoulos, Ziti Publ., Aristotle University of Thessaloniki (A.U.Th.), 5 & 6 July 2002, Thessaloniki, Greece.
17. G. Foutsitzi, D. Marinova, E. Hadjigeorgiou, G. Stavroulakis, "Finite Element Modeling of Optimally Controlled Smart Beams" *Proc. 28th Intl. Summer School: "Applications of Mathematics in Engineering and Economics"* (Sozopol, June 8-11, 2002, Technical University Sofia, Bulgaria), pp. 199—207, Bulvest 2000 Press.
18. G. Foutsitzi, V. K. Kalpakides, C. V. Massalas. "Existence and Uniqueness in a Theory of Thermoviscoelastic Dielectrics" *Applicable Analysis* Vol. 82, No. 6, pp. 517–533, June 2003.
19. G. Foutsitzi, D. Marinova, H. Hadjigeorgiou, G.E. Stavroulakis "Robust H-2 vibration control of beams with piezoelectric sensors and actuators". *Proc. Intl. Conf. "Physics and Control" (PhysCon 2003),* Saint Petersburg, Russia, 20–22 August 2003, Vol. 1, pp. 157-162, 2003, IEEE Conference Proceedings
20. G. E. Stavroulakis, G. Foutsitzi, V. Hadjigeorgiou, D. Marinova and C.C. Baniotopoulos, "Design of Smart Beams for Suppression of Wind-Induced Vibrations", *Proc. 9th Intl. Conf. on Civil and Structural Engineering Computing*, B.H.V. Topping, (Editor), Civil-Comp Press, Stirling, United Kingdom, paper 114, 2003.
21. E. Hadjigeorgiou, G. Foutsitzi, G.E. Stavroulakis "Shape control of beams with piezoelectric actuators". *Proc. Hellenic European Research on Computer Mathematics and its Applications Conf. (HERCMA 2003),* Athens, September 25-27, 2003, Minisymposium 'Smart Materials and Structures'
22. D. Marinova, G. Stavroulakis, G. Foutsitzi, E. Hadjigeorgiou "Design and Active Vibration Control of Composite Beams with Bonded Piezoelectric Sensors and Actuators" *EUROMECH 452 "Colloquium on Advances in Simulation Techniques for Applied Dynamics",* Halle-Wittenberg, Germany, 1-4 March 2004
23. G.E. Stavroulakis, D. Marinova, V. Hadjigeorgiou, G. Foutsitzi, C.C. Baniotopoulos: "Active control against wind-induced vibration in structural dynamics" *COST C14 Conf. "Urban Wind Engineering & Building Aerodynamics",* von Karman Institute, Rhode-Saint-Genèse, Belgium, 5-7 May 2004.
24. D. Marinova, G.E. Stavroulakis, G. Foutsitzi, E. Hadjigeorgiou, E.C. Zacharenakis: "Robust design of smart structures taking into account structural defects". *Proc. XXXII Summer School-Conference "Advanced Problems in Mechanics", APM 2004*, Russian Academy of Sciences, Institute for Problems in Mechanical Engineering, St. Petersburg (Repino), June 24 – July 1, 2004, Editor: D.A. Indeitsev, pp. 288-292.
25. G.E. Stavroulakis, D. Marinova, G. Foutsitzi, E. Hadjigeorgiou, C.C. Baniotopoulos: "Robust control design of smart beams", *ECCOMAS Conference*, Finnland, 24-28 July 2004. Invited Presentation in MS: Smart Systems 1. Modeling, Control and Identification (Organizers: R. Stenberg, C.C. Baniotopoulos, published in CD proceedings)
26. E. Hadjigeorgiou, G. Foutsitzi and G. Stavroulakis, "Shape Control of Smart Beams by Genetic Optimization", *HERMIS Intl. J.*, Vol. 5, pp. 65-78, (2004)
27. E. Hadjigeorgiou, G. Foutsitzi, G. Stavroulakis, D. Marinova, "Control of beams with smart piezoelectric sensors and actuators", *1st IC-SCCE (First Intern. Conf. From*

Scientific Computing to Computational Engineering), Invited Paper for Session: Numerical Methods for Applied Physical Problems, Coordinated by Prof. Athanassios Bratsos, September 8-10, 2004, Athens, Greece (published in CD proceedings).

28. G. Foutsitzi, G.E. Stavroulakis, "A variational inequality approach to thermoviscoelasticity with monotone unilateral boundaries of kinematical and thermal type". *Nonlinear Analysis. Theory, Methods and Applications* 57(5-6), pp. 743-771, 2004.
29. G. Foutsitzi, "A Core Inflation Measure for Greece", *Review Econ. Sci*., pp. 79-90, (2005)
30. G. Foutsitzi, E. Hadjigeorgiou, D. Marinova and G. Stavroulakis "Analysis and Control of Smart Viscoelastic Beams" *Proc. 5th GRACM Intl. Congress on Computational Mechanics*, Vol.1, pp.167-174, Limassol, Cyprus, 29 June - 1 July 2005
31. G.E. Stavroulakis, G. Foutsitzi, V. Hadjigeorgiou, D. Marinova and C.C. Baniotopoulos, "Design and Robust Optimal Control of Smart Beams with Application on Vibrations Suppression", *Advances in Engineering Software* 36, pp. 806-813 (2005).
32. G. Foutsitzi, E. Hadjigeorgiou, D. Marinova, E. Zacharenakis and G. Stavroulakis "Layerwise Modeling for Smart Piezoelectric Beams and Applications" ", *HERMIS Intl. J.*, Vol. 8, pp. 60-65, (2006)
33. G.E. Stavroulakis, D.G. Marinova, E. Hadjigeorgiou, G. Foutsitzi, C.C. Baniotopoulos: "Robust active control against wind-induced structural vibrations", *J. Wind Engineering and Industrial Aerodynamics* 94(11), pp. 895-907 (2006).
34. G. Foutsitzi, D. Marinova, E. Zacharenakis, G. Stavroulakis, and E. Hadjigeorgiou "Analysis and Design of Actively Controlled Smart Structures" *Proc. 2nd Intl. Conf. Nonsmooth/Nonconvex Mechanics with Applications to Engineering*, Thessaloniki, Greece, 7-8 July 2006
35. G. A. Foutsitzi, D. Marinova, G. E. Stavroulakis and Ev. Hadjigeorgiou, "Vibration Control Analysis of smart Piezoelectric Composite Plates", *Proc. 2nd Intl. Conf. "From Scientific Computing to Computational Engineering*, Athens, 5-8 July, 2006
36. G. Stavroulakis, G. Foutsitzi, E. Hadjigeorgiou, D. Marinova, E. Zacharenakis, and C. Baniotopoulos "Numerical Experiments on Smart Beams and Plates", *Proc. European Conf. "Topics on Mathematics for Smart Systems"*, pp 218-236, World Scientific Publishing 2007
37. G. Foutsitzi, G. Stavroulakis and E. Hadjigeorgiou, "Modelling and Simulation of Controlled Smart Structures", *Proc. 9th HSTAM Intl. Congress on Mechanics*, pp. 511-518, Limassol, Cyprus, 12-14 July 2010
38. G.A. Foutsitzi, Ch.G. Gogos, Ev. P. Hadjigeorgiou, G. E. Stavroulakis, "Design Optimiozation of Smart Piezoelectric Beams" *Proc. 5th IC-SCCE Intl Conference from Scientific Computing to Computational Engineering, Athens, 4-7 July, 2012*
39. G. A. Foutsitzi, Ev. P. Hadjigeorgiou, Ch. G. Gogos and G. E. Stavroulakis, "Modal Shape Control of Smart Composite Beamsusing Piezoelectric Actuators" *Proc. 10th HSTAM International Congress on Mechanics*, Chania, Crete, Greece, 25 – 27 May, 2013
40. G. A. Foutsitzi, Ch. G. Gogos, E. P. Hadjigeorgiou, G. E. Stavroulakis, "Actuator Location and Voltages Optimization for Shape Control of Smart Beams Using Genetic Algorithms" *Actuators* 2013, *2*(4), 111-128; doi: 10.3390 /act2040111
41. G. A. Foutsitzi, Ch. G. Gogos, G. E. Stavroulakis and N. Antoniadis, "*Optimization of Piezoelectric Patches in Smart Structures using Multi-Objective Genetic Algorithms*" Paper 222 in Proceedings of the Twelfth International Conference on Computational

Structures Technology, B.H.V. Topping and P. Iványi, (Editors), Civil-Comp Press, Stirlingshire, Scotland

42. G. Tairidis, G. Foutsitzi, P. Koutsianitis and G.E. Stavroulakis, "*Fine tuning of a Fuzzy Controller for Vibration Suppression of Smart Plates using Genetic Algorithms"* (submitted)

43. G. E. Stavroulakis, G. Foutsitzi and Ch. Gogos, "*Optimization of Design Parameters for Active Control of Smart Piezoelectric Structures*" (submitted)

PARTICIPATION IN CONFERENCES - SYMPOSIA (*with Contributed Papers/Talk*)

1. 3rd National Conference Mathimatikis Analysis, May 28-29, 1993 Ioannina Greece. Presented the paper #2

2. Mini Symposium on "Applications of Analysis in Mechanical Mathimatikis" (March 2, 1994, Thessaloniki, Greece). Paper presented "*A Thermodynamic Theory for elastic dielectric materials with memory.*"

3. Workshop on Scattering Theory of Acoustic Electomagnetic and Elastic fields. Athens, 16-17 September 1994. Presented the paper #5.

4. 15th IMACS World Congress on Scientific Computation, Modelling and Applied Mathematics, August 24-29, 1997, Berlin, Germany. Presented the paper #6.

5. Summer Program "Theoritical and Numerical Aspects of Hyperbolic Systems" 15 June-18 July 1998, Heraklion, Crete, Greece. Paper presented: "*Solvability of boundary value problems for the dynamics of nonlinear viscoelastic shells*"

6. 5th National Congress on Mechanics, August 27-30, 1998, University of Ioannina, Ioannina, Hellas. Presented the paper #7.

7. 4th Hellenic-European Conference on Computer Mathematics and its Applications, September 24-26, 1998, Athens University of Economics and Business, Athens, Hellas. Paper presented: *"The Dynamic Behavior of Human Long Bones"*.

7. 4th International Workshop on Mathematical Methods in Scattering Theory and Biomedical Technology, October 8-10, 1999, Perdika, Thesprotia, Hellas. Paper presented: *"Wave Propagation in Human Long Bones"*

8. 6th National Congress on Mechanics, July 19-21, 2001, Aristotle University of Thessaloniki, Thessaloniki, Hellas. Presented the paper #14.

9. International Conference on Nonsmooth/Nonconvex Mechanics, July 5-6, 2002, Aristotle University of Thessaloniki, Thessaloniki, Hellas. Presented the paper #16.

10. The 9th International Conference on Civil and Structural Engineering Computing (Egmond aan Zee, The Netherlands, 2-4 September 2003) Presented the paper #18.

11. 6th Hellenic-European Conference on Computer Mathematics and its Applications (Athens, Hellas, 25-27 September 2003) Presented the paper #19.

12. International Conference "*PHYSICS and CONTROL*" (PhysCon 2003), (Saint Petersburg, Russia, 20–22 August 2003) Presented the paper #20.

13. 28th International Summer School: "Applications of Mathematics in Engineering and Economics" (Technical University Sofia, Sozopol, Bulgaria, 8-11 June 2002) Presented the paper #21.

14. European Congress on Computational Methods in Applied Science and Engineering ECCOMAS 2004 (Jyväskylä, Finland, 24-28 July 2004) Presented the paper #22

15. COST C14 International Conference on Urban Wind Engineering and Buildings Aerodynamics (Von Karman Institute, Rhode-Saint-Genèse, Belgium, 5-7 May 2004) Presented the paper #23.

16. XXXII International Conference "Advanced Problems in Mechanics" (St. Petersburg, Russia, June 24-July 1 2004) Presented the paper #24.

17. EUROMECH 452 "Colloquium on Advances in Simulation Techniques for Applied Dynamics" (Halle-Wittenberg, Germany, 1-4 March 2004 Presented the paper #26.

18. 1st International Conference "From Scientific Computing to Computational Engineering" (Athens, Hellas, 8-10 September 2004) Presented the paper #27.

19. 7th Hellenic-European Conference on Computer Mathematics and its Applications (Athens, Hellas, 22-24 September 2005) Presented the paper #30.

20. 5th GRACM International Congress on Computational Mechanics (Limassol, Cyprus, 29 June - 1 July 2005). Presented the paper #31.

21. 6th European Solid Mechanics Conference (Budapest, Hungary, 28 August-1 September 2006) Paper presented: *"Modeling and Control of Smart Composite Structures"*

22. 9th GRACM International Congress on Computational Mechanics (Limassol, Cyprus, 12-14 July 2010). Presented the paper #34.

23. 5th IC-SCCE International Conference from Scientific Computing to Computational Engineering, *Athens, 4-7 July, 2012.* Presented the paper #38

24. 10th HSTAM International Congress on Mechanics, Chania, Crete, Greece, 25 – 27 May, 2013. Presented the paper #39

TEACHING EXPERIENCE

University of Ioannina, Department of Mathematics

Spring 1993, Spring 1994: Topics in Mechanics (in cooperation with Prof. Massalas)

University of Ioannina, Department of Physics

Spring 1994: Calculus II (lab section)

Technological Educational Institution of Epirus, Department of Animal Production

1997-1998, 1998-1999: Applied Mathematics

University of Ioannina, Department of Mathematics

Fall 1998: Propabilities

Spring 1999: Topics in Statistics

University of Ioannina, Department of Material Science and Technology

Fall 1999: Mathematics I

Spring 2000, Spring 2001 Spring 2002, Spring 2003, Spring 2004: Mathematics II

Fall 2001, Fall 2002, Fall 2003, Fall 2004: Differential Equations

Technological Educational Institution of Epirus, Department of Accounting

1998-1999, 1999-2000, 2000-2001: Mathematics

1998-1999, 1999-2000, 2000-2001: Financial Mathematics

Technological Educational Institution of Epirus, Department of Finance and Auditing

2002-2003, 2003-2004, 2004-2005: Mathematics

2002-2003, 2003-2004, 2004-2005: Financial Mathematics

1999-2000, 2000-2001: Mathematical Modelling and Applications in Economics

2002-2008, 2009-today: Statistics

2005-2008, 2009-today: Operational Research

2006-2007, 2007-2008: Research Methodology

ACADEMIC LECTURE NOTES **(in Greek)**

- Introduction to Applied Functional Analysis (with Prof. C.V.Massalas, University of Ioannina),
- Mathematical Modelling and Applications in Economics (TEI Epirus)
- Mathematics (TEI Epirus)
- Statistics (TEI Epirus)
- Research Methodology (TEI Epirus)

JOURNALS' REVIEWER

- Advances in Engineering Software
- Review of Economic Sciences
- Management Journals
- Journal of Process Mechanical Engineering
- Journal of Intelligent Material Systems and Structures

PARTICIPATION IN SEMINARS-

Seminar on "*Finite Element Methods".* Presentation of two lectures. Dept. of Mathematics and Dept. of Computer Science, Univ. Ioannina (1995-1996)

Seminar on *"Applied Functional Analysis- Sobolev Space Theory"* Presentation of one lecture. Dept. of Mathematics and Dept. of Computer Science, Univ. Ioannina (Spring 1997)

Advanced School on *"Contact Problems: theory, methods and applications"*. CISM Udine, Italy, July 14-18, 1997

Invited Visit at Institute of Applied Mechanics, Technical University Braunschweig, Germany. Project IKYDA, 2001. Greek-German Bilateral Scientific Partnership. (December 2002)

OTHER ACADEMIC ACTIVITIES

1. Supervisor of various BSc theses of students in the Dept. of Finance and Auditing of TEI of Epirus from 2005 until now.

2. Member of the organizing committee of the 3rd International Conference "*Education and Economic Development*" 26-27 May 2006, Preveza

CITATIONS

C. V. Massalas, V. K. Kalpakidis, G. Foutsitzi, *"Some comments on the extended Tiersten's theory of Thermoelectro- elasticity"* Mech. Res. Comm., 21(4), 343-351 (1994)D. S. Chandrasekharaiah *"Hyperbolic Thermoelasticity: a Review of Recent Literature",* ASME Mech Rev, **51**(12), Part 1, pp. 705 (1998)

cited by

1. D. S. Chandrasekharaiah *"Hyperbolic Thermoelasticity: a Review of Recent Literature",* ASME Mech Rev, **51**(12), Part 1, pp. 705 (1998)
2. Abd- Alla AN. *"Non Linear Constitutive Equations for Thermo-Electroelastic Materials",* Mech. Res. Com., **26**, pp. 335-346 (1999).
3. L. Z. Jiang *"Integral Representation and Green's Functions for 3D Time-dependent Thermo-Piezoelectricity",* Int. J. Solids & Structures, **37**, pp. 6155-6171 (2000).

C. V. Massalas, G. Foutsitzi, V. K. Kalpakidis, *"Thermoelectroelasticity theory for materials with memory"* Int. J. Engng Sci., 32(7), 1075-1084 (1994)D. S. Chandrasekharaiah *"Hyperbolic Thermoelasticity: a Review of Recent Literature",* ASME Mech Rev, **51**(12), Part 1, pp. 705 (1998)

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4. Sohrabi, A., Muliana, A. Rate-dependent electro-mechanical coupling response of ferroelectric materials: A finite element formulation, Mechanics of Materials 62 , pp. 44-59, 2013
5. Muliana, A., Lin, C.-H., *A multi-scale formulation for predicting non-linear thermo-electro- mechanical response in heterogeneous bodies*, Journal of Intelligent Material Systems and Structures 22 (8) , pp. 723-738 (2011)
6. Muliana, A., Li, K.-A., *Time-dependent response of active composites with thermal, electrical, and mechanical coupling effect*, International Journal of Engineering Science 48 (11) , pp. 1481-1497, (2010)
7. D. S. Chandrasekharaiah *"Hyperbolic Thermoelasticity: a Review of Recent Literature",* ASME Mech Rev, **51**(12), Part 1, pp. 705 (1998)
8. Tianhu He, Xiaogeng Tiang, Y.P. Shen *"State Space Approach to One-Dimensional Thermal Shock Problem for a Semi-infinite Piezoelectric Rod''* Int. J. Engng. Sci, **40**, pp. 1081-1097 (2002).

G. Foutsitzi, V. K. Kalpakidis, C. V. Massalas, *"On the Existence and Uniqueness in Linear Thermoviscoelasticity"* ZAMM, 77, 33-44 (1996).

Cited by

9. Zhang NH, Xing JJ, *Vibration analysis of linear coupled thermoviscoelastic thin plates by a variational approach* Int J Solid Struct, Volume: 45 Issue: 9, Pages: 2583-2597 Published: MAY 1 2008

10. Giorgi C, Naso MG, *Mathematical models of Reissner-Mindlin thermoviscoelastic plates* J Thermal Stresses, Volume: 29 Issue: 7, Pages: 699-716 Published: JUL 2006

11. Claudio Giorgi, Maria Grazia Naso, *Mathematical Models of Reissnerâ€“Mindlin Thermoviscoelastic Plates*, Journal of Thermal Stresses, 29, 7, 699, (2006)

12. Neng-Hui Zhang, Jing-Jing Xing, *Vibration analysis of linear coupled thermoviscoelastic thin plates by a variational approach*, International Journal of Solids and Structures, 45, 9, 2583, (2008)

13. Hany H. Sherief, Mohammed N. Allam, Mohammed A. El-Hagary, *Generalized Theory of Thermoviscoelasticity and a Half-Space Problem*, International Journal of Thermophysics, 32, 6, 1271 (2011)

14. Ahmed S. El-Karamany, *Two-Temperature Theory in Linear Micropolar Thermoviscoelastic Anisotropic Solid*, Journal of Thermal Stresses, 34, 9, 985, (2011)

D.I. Fotiadis, G. Foutsitzi, C.V. Massalas, *"Wave Propagation Modeling in Human Long Bones"* Acta Mechanica 137, 65-82 (1999).

Cited by

15. Ahmed SM, Abd-Alla AM *"Electromechanical Wave Propagation in a Cylindrical Poroelastic Bone with Cavity"* Appl Math Comput, **133** (2-3), pp. 257-286 (2002)

16. Melnik RVN *"Numerical Analysis of Dynamic Characteristics of Coupled Piezoelectric Systems in Acoustic Media",* Math Comput Simulat, **61** (3-6), pp. 497-507 (2003)

17. Chakraborty A, *Wave Propagation in Porous Piezoelectric Media* Cmes Computer Modeling in Engineering, Volume: 40 Issue: 2 Pages: 105-132 Published: FEB 2009

18. Abd-Alla, A. M., *Wave propagation modeling in cylindrical human long wet bones with cavity*, Meccanica, 46 (6), 1413-1428, (2011) DOI: 10.1007/s11012-010-9398-5

19. Fernández, J.R., García-Aznar, J.M. , Martínez, R. *Piezoelectricity could predict sites of formation/resorption in bone remodelling and modelling*, Journal of Theoretical Biology, 292, 7 (2012), pp. 86-92

D.I. Fotiadis, G. Foutsitzi, C.V. Massalas, *''Wave propagation in a piezoelectric bone of arbitrary cross section''* Int. J. Engng Sci. 38, 1553-1591 (2000).

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