

Autorul tezei de abilitare: conf.dr.ing. SCUTARU Maria Luminița

Titlul tezei de abilitare: Modele pentru analiza statică și dinamică a sistemelor mecanice

Domeniul: Inginerie Mecanică

LISTA DE LUCRĂRI

LUCRĂRI RELEVANTE

1. **M.L.Scutaru**, H.Teodorescu, S.Vlase, M.Marin - Advanced HDPE with increased stiffness used for water supply networks, Journal of Optoelectronics and Advanced Materials Volume: 17 Issue: 3-4 Pages: 484-488 Published: March-April 2015, FI=0,563
2. **M. L. Scutaru**, M. Baritz, B. P. Galfi- Radiation influence on micro-structural mechanics of an advanced hemp carbon hybrid composit, Optoelectronics and Advanced Materials Volume: 8 Issue: 11-12 Pages: 1145-1149 Published: Nov. – Dec. 2014, FI=0,449
3. **M. L. Scutaru**, - Toward the use of irradiation for the composite materials properties improvemen, Journal of Optoelectronics and Advanced Materials Volume: 16 Issue: 9-10 Pages: 1165-1169 Published: September-October 2014, FI=0,563.
4. **M. L. Scutaru**, M. Baba, M.I. Baritz – „Irradiation influence on a new hybrid hemp bio-composite”, Journal of Optoelectronics and Advanced Materials Volume: 16 Issue: 7-8 Pages: 887- 891 Published: July-August 2014, FI=0,563.
5. **M.L.Scutaru**, M.Baba – “Investigation of the Mechanical Properties of Hybrid Carbon-Hemp Laminated Composites Used as Thermal Insulation for Different Industrial Applications”, Advances in Mechanical Engineering, Article Number: 829426 Published: 2014, FI=0,5
6. S. Vlase, C. Danasel, **M.L. Scutaru**, M. Mihalciță, - „Finite Element Analysis of a Two-Dimensional Linear Elastic Systems with a Plane “Rigid Motion”, Romanian Journal of Physics Volume: 59 Issue: 5-6 Pages: 476-487 Published: 2014, FI=0,743
7. S. Vlase, P.P. Teodorescu, C. Itu, **M.L. Scutaru** – „Elasto-Dynamics of a Solid with a General “Rigid” Motion Using FEM Model. Part II. Analysis of a Double Cardan Joint”, Romanian Journal of Physics, Volume: 58 Issue: 7-8 Pages: 882-892 Published: 2013, FI=0,526
8. Niculita, C ; Gabor, A ; Gheorghe, V Calin, MR ; **Scutaru, M.L**–A new epoxy glass roving fabric material with a nonwoven PES fibers structure used in a composite laminates Journal of Optoelectronics and Advanced Materials, Volume: 15 Issue: 3-4 Pages: 176-181 Published: MAR-APR 2013, FI=0,516
9. **Maria Luminita I. Scutaru**, Gheorghe M. Deliu, Dana M.Luca Motoc, Inertia Driven Reduced Doe Mechanism for Aeolian Pumps, 23rd International Congress of Theoretical and Applied Mechanics, ICTAM 2012, 19-24 August 2012, Beijing, China
10. **Scutaru, Maria Luminita**; Vlase, Sorin –Some Properties of Motion Equations Describing the Nonlinear Dynamical Response of a Multibody System with Flexible Elements, Journal of Applied Mathematics, Article Number: 628503 DOI: 10.1155/2012/628503 Published: 2012, FI=0,834

TEZA DE DOCTORAT

1. Panouri termoizolante din lemn și materiale lemnoase utilizate în construcția caselor. Cond. științific: Prof. Dr. Ing.Ivan CISMARU, Brașov, 2006 – domeniul Inginerie Industrială

BREVETE

Rezumat brevet publicat în BOPI

1. **Scutaru M.L.**, Corneliu Cofaru - Compozit iradiat pe bază de rășină termorigidă și fibră de cânepă utilizat în industria auto și constructoare de mașini - Rezumat de brevet publicat în BOPI 11/29.11.13 & Espacenet 2013
2. **Scutaru M.L.**, Corneliu Cofaru, Teodorescu-Draghicescu Horatiu, Baba Marius, Dogaru Florin - Material compozit hibrid carbon-cânepă și procedeu de obținere al acestuia cu aplicație în industria auto și constructoare de mașini - Rezumat de brevet publicat în BOPI 4/2104 & Espacenet 2014
3. **Scutaru M.L.**, Corneliu Cofaru, Teodorescu-Draghicescu Horațiu, Baba Marius, Dogaru Florin - Material compozit hibrid sticlă – țesătură din cânepă și procedeu de obținere al acestuia cu aplicație în industria auto și constructoare de mașini - Rezumat de brevet publicat în BOPI 8/2104 & Espacenet 2014

CĂRȚI / CAPITOLE DE CĂRȚI

CĂRȚI

1. **Maria Luminita Scutaru**, Gheorghe Deliu – Analiza dinamică a transmisiilor folosite la turbinele eoliene de mică putere , Editura Universității Transilvania Brașov, ISBN 978-606-19-0548-5, 2015.
2. **Maria Luminita Scutaru** – Mecanica –Dinamica.Teorie și aplicații, Editura Universității Transilvania Brașov, ISBN 978-606-19-0443-3, 2014.
3. **Maria Luminita Scutaru** – Mecanica – Cinematica. Teorie și aplicații, Editura Universității Transilvania Brașov, ISBN 978-606-19-0269-9, 2013.
4. **Scutaru M.L.**, Chiru A., Vlase S., Cofaru C., Teodorescu H., Materiale plastice si compozite in ingineria autovehiculelor, Editura Matrix, ISBN 978-6-6-25-0023-8, 2013.
5. **Scutaru M.L.**, Chiru A., Vlase S., Cofaru C., Teodorescu H., Materiale plastice si compozite in ingineria autovehiculelor, Editura Matrix, ISBN 978-6-6-25-0023-8, 2013.
6. Chiru A., **Scutaru M.L.**, Vlase S., Cofaru C., Materiale compozite utilizate în construcția de autovehicule , Ed. Universității TRANSILVANIA din Brașov, ISBN 987-973-598-788-6, 2010.
7. S.Vlase, H.Teodorescu, **Scutaru,M.L.**,ș.a., Culegere de probleme de cinematică și dinamică. Ed. Infomarket, ISBN 978-973-1747-16-3, 2009.
8. **Scutaru M.L.**, Teodorescu-Drăghicescu,H., Vlase,S., Mecanica tehnică. Ed. Infomarket, ISBN 978-973-1747-15-6, 2009.
9. **Maria-Luminita Scutaru** –Mecanica.Statica Editura Universității Transilvania Brașov, ISBN 978-973-598-245-4, 2008.
10. S.Vlase, H.Teodorescu, I.Goaia, A.Modrea, **M.L.Scutaru** – Materiale Compozite. Metode de calcul, Editura Universității Transilvania Brașov, ISBN 978-973-635-890-6, 2007.

11. **Maria- Luminița Scutaru** - Transferul termic prin panouri tip sandwich utilizate în construcția caselor, Editura Universității Transilvania Brasov, ISBN 978-973-635-877-7 , 2007.
12. Diana Cotoros, **Luminița Scutaru.**, - Introducere în Dinamica Sistemelor de Rigide, Edit. Lux Libris, ISBN 973-9458-26-2 , 2004.

CAPITOLE DE CĂRȚI

1. **Vlase,S.**, Munteanu,V., Scutaru,L., Kinematical Analysis of the Multibody Systems using Topological Description, DAAAM 2008, **DAAAM International Scientific Book 2008**, Vol. 7, ISSN 1726-9687, ISBN 3-901509-69-0, Editor: B. Katalinic, hard cover, Publisher DAAAM International Vienna, Vienna.

ARTICOLE ÎN REVISTE

1. **M.L.Scutaru**, H.Teodorescu, S.Vlase, M.Marin - Advanced HDPE with increased stiffness used for water supply networks, Journal of Optoelectronics and Advanced Materials Volume: 17 Issue: 3-4 Pages: 484-488 Published: March-April 2015, FI=0,563
2. S. Vlase, C. Danasel, **M.L. Scutaru**, M. Mihalciță, -Finite Element Analysis of a Two-Dimensional Linear Elastic Systems with a Plane “Rigid Motion”, Romanian Journal of Physics Volume: 59 Issue: 5-6 Pages: 476-487 Published: 2014, FI=0,743
3. M.L.Scutaru, M.Baba –Investigation of the Mechanical Properties of Hybrid Carbon-Hemp Laminated Composites Used as Thermal Insulation for Different Industrial Application , Advances in Mechanical Engineering, Article Number: 829426 Published: 2014, FI=0,5
4. **M. L. Scutaru**, M. Baba, M.I. Baritz – Irradiation influence on a new hybrid hemp bio-composite, Journal of Optoelectronics and Advanced Materials Volume: 16 Issue: 7-8 Pages: 887- 891 Published: July-August 2014, FI=0,563
5. **M. L. Scutaru**, - Toward the use of irradiation for the composite materials properties improvement, Journal of Optoelectronics and Advanced Materials Volume: 16 Issue: 9-10 , Pages: 1165-1169 Published: September-October 2014, FI=0,563
6. **M. L. Scutaru**, M. Baritz, B. P. Galfi- Radiation influence on micro-structural mechanics of an advanced hemp carbon hybrid composite” Optoelectronics and Advanced Materials Volume: 8 Issue: 11-12 Pages: 1145-1149 Published: Nov. – Dec. 2014, FI=0,449
7. Teodorescu-Draghicescu, H.; **Scutaru, M. L.**; Rosu, D.; et al. – New Advanced Sandwich Composite with twill weave carbon and EPS Journal of Optoelectronics and Advanced Materials Volume: 15 Issue: 3-4 Pages: 199-203 Published: MAR-APR 2013, FI=0,516
8. Niculita, C ; Gabor, A ; Gheorghe, V Calin, MR ; **Scutaru, M.L** – A new epoxy glass roving fabric material with a nonwoven PES fibers structure used in a composite laminates, Journal of Optoelectronics and Advanced Materials, Volume: 15 Issue: 3-4 Pages: 176-181 Published: MAR-APR 2013, FI=0,516
9. S. Vlase, P.P. Teodorescu,C. Itu, **M.L. Scutaru** –Elasto-Dynamics of a Solid with a General “Rigid” Motion Using FEM Model. Part II. Analysis of a Double Cardan Joint, Romanian Journal of Physics , Volume: 58 Issue: 7-8 Pages: 882-892 Published: 2013, FI=0,526

10. Purcarea, R.; Motoc, D. Luca; **Scutaru, M. L.**, Mechanical behavior of a thin nonwoven polyester mat subjected to three-point bend tests *Optoelectronics and Advanced Materials -Rapid Communications* , Volume: 6 Issue: 1-2 Pages: 214-217 Published: JAN-FEB 2012, , FI=0,402
11. **Scutaru, Maria Luminita**; Vlase, Sorin - Some Properties of Motion Equations Describing the Nonlinear Dynamical Response of a Multibody System with Flexible Elements, *Journal of Applied Mathematics*, Article Number: 628503 DOI: 10.1155/2012/628503 Published: 2012, FI=0,834
12. Stanciu, A.; Teodorescu-Draghicescu, H.; Vlase, S; **Scutaru M.L.**; Calin MR – Mechanical behavior of CSM450 and RT800 laminates subjected to four-point bend tests *Optoelectronics and Advanced Materials -Rapid Communications* ,Volume: 6 Issue: 3-4 Pages: 495-497 Published: MAR-APR 2012, FI=0,402
13. Vlase, S ; Teodorescu-Draghicescu, H ; Calin, MR ; **Scutaru, ML** – “Advanced Polylyte composite laminate material behavior to tensile stress on weft direction”, *Journal of Optoelectronics and Advanced Materials* , Volume: 14 Issue: 7-8 Pages: 658-663 Published: JUL-AUG 2012, FI=0,516
14. Vlase, S.; Teodorescu-Draghicescu, H.; Motoc, D. L.; **Scutaru M.L.**; Serbina L; Calin M.R. .Behavior of multiphase fiber-reinforced polymers under short time cyclic loading, *Optoelectronics and Advanced Materials -Rapid Communications* Volume: 5 Issue: 3-4 Pages: 419-423 Published: MAR 2011, FI=0,402
15. Teodorescu-Draghicescu, H.; Vlase, S.; **Scutaru, L.**, et al. – Hysteresis effect in a three-phase polymer matrix composite subjected to static cyclic loadings, *Optoelectronics and Advanced Materials -Rapid Communications* Volume: 5 Issue: 3-4 Pages: 273-277 Published: MAR 2011, FI=0,402
16. Teodorescu-Draghicescu, H.; Stanciu, A.; Vlase, S.; **Scutaru L.**; Calin M.R; Serbina L., Finite element method analysis of some fibre-reinforced composite laminates *Optoelectronics and Advanced Materials -Rapid Communications*, Volume: 5 Issue: 7 Pages: 782-785 Published: JUL 2011, FI=0,402

ARTICOLE PUBLICATE IN VOLUME ALE CONFERINTELOR INTERNAȚIONALE

1. **Scutaru Maria Luminita**, Marius Baba, Optimization of a „sandwich” structure for the Insulation of a Prefabricated Wooden House, 5th International Conference Advanced Composite Materials Engineerings COMAT 2014, 16- 17 October 2014, pg. 297-306, ISBN 978-1-939757234, DERC Publishing House, Boston, Massachusetts, U.S.A. (2014)
2. **Maria Luminita SCUTARU**, Marius Baba, Janos TIMAR, FLEXURAL RIGIDITY EVALUATION OF COMPOSITE SANDWICH PANEL OF CARBON-HEMP , 5th International Conference "Computational Mechanics and Virtual Engineering , COMEC 2013, 24- 25 October 2013, pg. 247-250, ISBN 987-1-939757-11-1, DERC Publishing House, Boston, Massachusetts, U.S.A. (2013)
3. **Maria Luminita SCUTARU**, Marius Baba, MECHANICAL BEHAVIOR OF HEMP-BASED COMPOSITE SUBJECTED TO IMPACT TEST, 5th International Conference "Computational Mechanics and Virtual Engineering , COMEC 2013, 24- 25 October 2013, pg.238-246, ISBN 987-1-939757-11-1, DERC Publishing House, Boston, Massachusetts, U.S.A. (2013)
4. **Maria Luminita Scutaru**, Corneliu Cofaru, Teodorescu -Draghicescu Horatiu, Janos Timar, Properties of Advanced New Hemp Fiber Materials Used in Automotive Engineering, 4th International Conference on AUTOMOTIVE and TRANSPORTATION SYSTEMS (ICAT '13) Brasov, Romania June 1-3, pg. 365-368, ISBN 978-1-61804-193-7 (2013)

5. Janos Timar, Corneliu Cofaru, Daniela Florea, Dinu Covaciu, **Maria Luminita Scutaru**, Qualitative evaluation of the macromolecular materials used by automobile constructors, 4th International Conference on AUTOMOTIVE and TRANSPORTATION SYSTEMS (ICAT '13) Brasov, Romania June 1-3, pg. 355-359, ISBN 978-1-61804-193-7 (2013)
6. C.Itu, **M.L.Scutaru**, Comparative Dynamic Analysis for a Door Car Using Different Types of Material Based on Virtual Simulation, 4th International Conference Advanced Composite Materials Engineerings COMAT 2012, 18-20 Oct. Brasov, pg.386-390, ISBN 978-0981730059, DERC Publishing House, Boston, Massachusetts, U.S.A. (2012)
7. **M.L.Scutaru**, C.Cofaru, H.TeodorescuDraghicescu, Research on study hemp fiber subjected to three-point bend tests , 4th International Conference Advanced Composite Materials Engineerings COMAT 2012, 18-20 Oct. Brasov, pg.155-159, ISBN 978-0981730059, DERC Publishing House, Boston, Massachusetts, U.S.A. (2012)
8. **M.L.Scutaru**, C.Cofaru, Research on Identification of Hemp Composites Using Tensile Testing , 4th International Conference Advanced Composite Materials Engineerings COMAT 2012, 18-20 Oct. Brasov, pg.149-154, ISBN 978-0981730059, DERC Publishing House, Boston, Massachusetts, U.S.A. (2012)
9. **Maria Luminita I. Scutaru**, Gheorghe M. Deliu, Dana M.Luca Motoc, INERTIA DRIVEN REDUCED DOE MECHANISM FOR AEOLIAN PUMPS, 23rd International Congress of Theoretical and Applied Mechanics, ICTAM 2012, 19-24 August 2012, Beijing, China, (2012)
10. **M.L.Scutaru**, S.Vlase, C.Cofaru, A Symbolic Representation of the Motion Equation of the Multibody System with Composite Elements, 4th International Conference Advanced Composite Materials Engineerings COMAT 2012, 18-20 Oct. Brasov, 2012, pg. 854-857, ISBN 978-973-131-164-7, (2012)
11. P.S. Făgăraș (Haba), **M.L. Scutaru**, I. Burcă, M.V. Munteanu - Mechanical models for the virtual analysis of the mechanical systems- Part II, 4th International Conference Advanced Composite Materials Engineerings COMAT 2012, 18-20 Oct. Brasov, 2012, pg.862-867, ISBN 978-973-131-164-7, (2012)
12. **M.L. Scutaru**, S. Vlase, P.S. Făgăraș (Haba) - Mechanical models for the virtual analysis of the mechanical systems- Part I, 4th International Conference Advanced Composite Materials Engineerings COMAT 2012, 18-20 Oct. Brasov, 2012, pg.858-861, ISBN 978-973-131-164-7, (2012)
13. **M.L.Scutaru** Dynamic response of the multibody system in a symbolioc representation, 4th International Conference Advanced Composite Materials Engineerings COMAT 2012, 18-20 Oct. Brasov, 2012, pg.851-853, ISBN 978-973-131-164-7, (2012)
14. V.Gheorghe, M.Lihtețchi, **M.L.Scutaru**, C.Cofaru, S.Vlase , Test of steering boxes with change hydraulic reaction, The. 4th International Conference, “Computational Mechanics and Virtual Engineering” COMEC 2011, 20-22 Octombrie, Brasov, ISBN 978-973-131-122-7, (2011)
15. **M.L.Scutaru**, E.Secară, I.Enescu, R.Purcarea, C.Ambruș , Finit element analisys of a shell element with a general tree-dimension motion, The. 4th International Conference, “Computational Mechanics and Virtual Engineering” COMEC 2011, 20-22 Octombrie, Brasov, ISBN 978-973-131-122-7, (2011)
16. R.Cosgarea, C.Cofaru, M.Aleonte, **M.L.Scutaru**, L.Jelenschi, G.Sandu, An approach for modeling the valve train systemto control the homogeneous combustion in a compression ignition engine , 12th WSEAS of International Conference on Automation & Information (ICAI ‘11) Transilvania University of Brasov, Aprilie 11-13, 2011, ISBN 978-960-474-292-9, (2011)
17. M.Aleonte, C.Cofaru, R.Cosgarea, **M.L.Scutaru**, L.Jelenschi, G.Sandu, Experimental Researches of fulling systems and alcool blends on Combustions and emission in a two strocke si engine, 12th WSEAS of International Conference on Automation & Information (ICAI ‘11) Transilvania University of Brasov, Aprilie 11-13, 2011, ISBN

- 978-960-474-292-9, (2011). Teodorescu-Draghicescu, Horatiu, Vlase, Sorin, Chiru, Anghel,
18. **Scutaru, Maria Luminita**, Motoc, Dana Luca, A Homogenization Method for Pre-Impregnated Composite Materials SO WORLD CONGRESS ON ENGINEERING 2009, VOLS I AND II, Lecture Notes in Engineering and Computer Science, P 1563-1568 (2009).
 19. Teodorescu-Draghicescu, Horatiu, Vlase, Sorin, Chiru, Anghel, **Scutaru, Maria Luminita**, Motoc, Dana Luca, A Homogenization Method for Pre-Impregnated Composite Materials SO WORLD CONGRESS ON ENGINEERING 2009, VOLS I AND II, Lecture Notes in Engineering and Computer Science, P 1563-1568 (2009).
 20. Teodorescu-Draghicescu, Horatiu, Vlase, Sorin, Chiru, Anghel, Rosu, Dorin, **Scutaru, Maria Luminita**, Secara, Eugenia, Simulation of Elastic Properties of Sheet Molding Compounds SO PROCEEDINGS OF THE AMERICAN CONFERENCE ON APPLIED MATHEMATICS: RECENT ADVANCES IN APPLIED MATHEMATICS, Mathematics and Computers in Science and Engineering, P 642-646 (2009).
 21. **Scutaru, Luminita Maria**, Vlase, Sorin, Teodorescu-Draghicescu, Horatiu, Chiru, Anghel, Thermal Transfer Analysis of Sandwich Panels Made of Composite Materials Used in Wood Housing Construction in Order to Lessen Energy Consumption, PROCEEDINGS OF THE 4TH INTERNATIONAL CONFERENCE ON CONTINUUM MECHANICS, Mathematics and Computers in Science and Engineering, P 150-155 (2009).
 22. **Scutaru, Luminita Maria**, Katouzian, M., Vlase, Sorin, Teodorescu-Draghicescu, Horatiu, Chiru, Anghel, Some Results and an Experimental Evaluation of the Viscoelastic Parameters of Laminated Composites, PROCEEDINGS OF THE 4TH INTERNATIONAL CONFERENCE ON CONTINUUM MECHANICS, Mathematics and Computers in Science and Engineering, p 146-149 (2009).
 23. **Scutaru, Luminita Maria**, Katouzian, M., Vlase, Sorin, Teodorescu-Draghicescu, Horatiu, Chiru, Anghel, An Estimation of the Viscoelastic Parameters of Laminated Composites SO PROCEEDINGS OF THE 4TH INTERNATIONAL CONFERENCE ON CONTINUUM MECHANICS, Mathematics and Computers in Science and Engineering, P 140-145 (2009).
 24. Teodorescu-Draghicescu, Horatiu, Vlase, Sorin, Chiru, Anghel, **Scutaru, Maria Luminita**, Motoc, Dana Luca, On the Elastic Constants of a Fibre-Reinforced Composite Laminate SO PROCEEDINGS OF THE 2ND WSEAS INTERNATIONAL CONFERENCE ON ENGINEERING MECHANICS, STRUCTURES AND ENGINEERING GEOLOGY (EMESEG '09), Mathematics and Computers in Science and Engineering, P 155-158 (2009).
 25. Teodorescu-Draghicescu, Horatiu, Vlase, Sorin, Scutaru, Maria Luminita, Motoc, Dana Luca, Guiman, Violeta, SOME ADVANCED SYMMETRIC COMPOSITE LAMINATES SUBJECTED TO OFF-AXIS LOADING SYSTEMS. A STIFFNESS EVALUATION SO PROCEEDINGS OF THE 13TH INTERNATIONAL CONFERENCE MODERN TECHNOLOGIES, QUALITY AND INNOVATION: MODTECH 2009 - NEW FACE OF TMCR, P 647-650 (2009).
 26. Rosu, Dorin, Teodorescu-Draghicescu, Horatiu, Vlase, Sorin, **Scutaru, Maria Luminita**, Teisanu, Alexandru, HEATING RADIANT SYSTEMS MANUFACTURED FROM ADVANCED COMPOSITE MATERIALS. PROCEEDINGS OF THE 13TH INTERNATIONAL CONFERENCE MODERN TECHNOLOGIES, QUALITY AND INNOVATION: MODTECH 2009 - NEW FACE OF TMCR, P 547-550 (2009).
 27. Pirna, Ion, Teodorescu-Draghicescu, Horatiu, Vlase, Sorin, Candea, Ioan, **Scutaru, Maria Luminita**, Enescu, Ioan, Burca, Ion, Elasticity Evaluation of Carbon and Aramid Fibre-Reinforced Laminates. PROCEEDINGS OF THE 11TH

- INTERNATIONAL CONFERENCE ON AUTOMATIC CONTROL, MODELLING AND SIMULATION. Electrical and Computer Engineering Series. P 240-243 (2009)
28. Pirna, Ion, Teodorescu-Draghicescu, Horatiu, Vlase, Sorin, Candea, Ioan, **Scutaru, Maria Luminita**, Motoc, Dana Luca, Chiru, Anghel, Flexural Rigidity Evaluation of a New Sandwich Structure With Nonwoven Polyester Mat. PROCEEDINGS OF THE 11TH INTERNATIONAL CONFERENCE ON AUTOMATIC CONTROL, MODELLING AND SIMULATION, Electrical and Computer Engineering Series, P 234-239 (2009).
 29. Teodorescu-Draghicescu, Horatiu, Stanciu, Anca, Vlase, Sorin, Rosu, Dorin, **Scutaru, Luminita Maria**, Teodorescu, Florin, EXPERIMENTAL APPROACHES ON A FIBRE-REINFORCED COMPOSITE LAMINATE FOR PRESSURE TANKS APPLICATIONS. SO ANNALS OF DAAAM FOR 2009 & PROCEEDINGS OF THE 20TH INTERNATIONAL DAAAM SYMPOSIUM, VL 20, P 485-486 (2009).
 30. Horatiu Teodorescu-Draghicescu, Sorin Vlase, Anghel Chiru, **Maria Luminita Scutaru**, Ionatan Popa. On the Elastic Properties of Some Fibre-Reinforced Composite Structures. Paper 625-271. 1st Int.Conf. on MANUFACTURING ENGINEERING, QUALITY and PRODUCTION SYSTEMS (MEQAPS'09), Transilvania University of Brasov, Romania, September 24-26, 2009. – scopus
 31. Vasii, M., **Scutaru, M.L.**, Vlase, S., THE INFLUENCE OF FORCED STEERING VIBRATIONS ON A WHEEL AND DYNAMIC EFFECT OF A WHEEL WITH ABS BRAKING ON UNDULATED ROAD II. The 3rd International Conference „COMPUTATIONAL MECHANICS and VIRTUAL ENGINEERING” and applications in AUTOMOTIVE ENGINEERING, „COMEC 2009”, BRAȘOV, Under FISITA Patronage, 29-30 OCTOBER 2009.
 32. Vasii M., **Scutaru, M.L.**, Vlase, S., THE INFLUENCE OF FORCED STEERING VIBRATIONS ON A WHEEL AND DYNAMIC EFFECT OF A WHEEL WITH ABS BRAKING ON UNDULATED ROAD I. The 3rd International Conference „COMPUTATIONAL MECHANICS and VIRTUAL ENGINEERING” and applications in AUTOMOTIVE ENGINEERING, „COMEC 2009”, BRAȘOV, Under FISITA Patronage, 29-30 OCTOBER 2009.
 33. Vlase, S., Teodorescu-Draghicescu, H, **Scutaru, L.**, Petric, L., SOME CONSIDERATION CONCERNING THE USE OF THE LAW OF MIXTURE IN THE IDENTIFICATION OF THE MECHANICAL PROPERTIES OF THE COMPOSITES. The 3rd International Conference „COMPUTATIONAL MECHANICS and VIRTUAL ENGINEERING” and applications in AUTOMOTIVE ENGINEERING, „COMEC 2009”, BRAȘOV, Under FISITA Patronage, 29-30 OCTOBER 2009.
 34. H. Teodorescu-Draghicescu, S. Vlase, A. Chiru, **M.L. Scutaru**, I. Popa, E. Secara, A. Stanciu, STIFFNESS EVALUATION OF SOME QUASI-ISOTROPIC FIBRE-REINFORCED COMPOSITE LAMINATES. The 3rd International Conference „COMPUTATIONAL MECHANICS and VIRTUAL ENGINEERING” and applications in AUTOMOTIVE ENGINEERING, „COMEC 2009”, , BRAȘOV, Under FISITA Patronage, 29-30 OCTOBER 2009.
 35. H. Teodorescu-Draghicescu, S. Vlase, **M.L. Scutaru**, A. Stanciu, L. Serbina, Stiffness Evaluation Of Some Advanced Composite Laminates Under Off-Axis Loading System. The 2nd International Conference Advanced Materials Composite Engineering, COMAT 2008, 9-11 october 2008, Brasov.
 36. Teodorescu, Horatiu, Vlase, Sorin, **Scutaru, Luminita**, Modeling the tensile behavior of pre-impregnated composite materials. THEORETICAL AND EXPERIMENTAL ASPECTS OF CONTINUUM MECHANICS: PROCEEDINGS OF THE 3RD INTERNATIONAL CONFERENCE ON CONTINUUM MECHANICS (CM '08), Mathematics and Computers in Science and Engineering, P 89-92(2008).

37. Vlase, S., **Scutaru, L.**, Teodorescu-Draghicescu, H., Some considerations concerning the use of the law of mixture in the identification of the mechanical properties of the composites. PROCEEDINGS OF THE 6TH INTERNATIONAL CONFERENCE OF DAAAM BALTIC INDUSTRIAL ENGINEERING, PTS 1 AND 2, P 577-582(2008).
38. Vlase, S., Teodorescu-Draghicescu, H., **Scutaru, L. M.**, On the eigenvalues of the elastic systems with some symmetries. PROCEEDINGS OF THE 6TH INTERNATIONAL CONFERENCE OF DAAAM BALTIC INDUSTRIAL ENGINEERING, PTS 1 AND 2, P 189-194, 6th International Conference of DAAAM Baltic Industrial Engineering, Tallinn, ESTONIA (2008).
39. Teodorescu-Draghicescu, Horatiu, Vlase, Sorin, Motoc, Dana Luca, **Scutaru, Maria Luminita**, Purcarea, Ramona, On the Elastic Properties of Some Advanced Composite Laminates Subjected to Off-Axis Loading Systems. PROCEEDINGS OF THE 1ST WSEAS INTERNATIONAL CONFERENCE ON MATERIALS SCIENCE (MATERIALS'08). Mathematics and Computers in Science and Engineering, P 40-43, International Conference on Materials Science, Bucharest (2008).
40. **Scutaru, Maria Luminita**, Vlase, Sorin, Teodorescu-Draghicescu, Horatiu, Purcarea, Ramona, Study regarding thermal transfer through wooden panels. ENVIRONMENTAL PROBLEMS AND DEVELOPMENT. Energy and Environmental Engineering Series. P 19-21 (2008).
41. Vlase, Sorin, Purcarea, Ramona, **Scutaru, Maria Luminita**, Munteanu, Mihaela Violeta, EIGENVALUES AND EIGENVECTORS OF THE ELASTIC SYSTEMS WITH THREE IDENTICAL PARTS. Annals of DAAAM for 2008 & Proceedings of the 19th International DAAAM Symposium,, P 1497-1498 (2008)
42. Vlase, Sorin, Purcarea, Ramona, Munteanu, Mihaela Violeta, **Scutaru, Maria Luminita**, THE DYNAMIC ANALYSIS OF AN ELASTIC MULTI-BODIES SYSTEM. Annals of DAAAM for 2008 & Proceedings of the 19th International DAAAM Symposium,, P 1495-1496(2008).
43. Vlase, Sorin, Munteanu, Mihaela Violeta, **Scutaru, Maria Luminita**, ON THE TOPOLOGICAL DESCRIPTION OF THE MULTIBODY SYSTEMS , Annals of DAAAM for 2008 & Proceedings of the 19th International DAAAM Symposium,, P 1493-1494 (2008)
44. Vlase, Sorin, Modrea, Arina, Burca, Ioan, Purcarea, Ramona, Munteanu, Mihaela Violeta, **Scutaru, Maria Luminita**, EXPERIMENTAL RESULTS CONCERNING THE GEOMETRIC, STRUCTURAL AND DIMENSIONAL DIFFERENCES IN FIBER REINFORCED COMPOSITES, Annals of DAAAM for 2008 & Proceedings of the 19th International DAAAM Symposium,, P 1491-1492, 2008.
45. Teodorescu-Draghicescu, Horatiu, Vlase, Sorin, Motoc Luca, Dana, **Scutaru, Maria Luminita**, Stanciu, Anka, Rosu, Dorin, New ultra Lightweight and Extreme Stiff Sandwich Composite Structure for Multiple Application, Annals of DAAAM for 2008 & Proceedings of the 19th International DAAAM Symposium, P 1375-1376 (2008).
46. **M. L. Scutaru**, S. Vlase, H. Teodorescu-Draghicescu, G. Seritan: Influence Of Materials On The Thermic Isolation Of A Construction Site. The 2nd International Conference Advanced Materials Composite Engineering, COMAT 2008, Brasov, 9-11 october 2008.
47. **Scutaru, L.**, Vlase, S., Teodorescu, H., Vasii, M., Four Major Challenge that Support the Optimization of the Heating Systems used in Building Construction. 2nd International Conference „Computational Mechanics and Virtual Engineering”, COMEC 2007, Braşov, 11-13 oct. 2007.
48. **Scutaru, L.**, Vlase, S., Teodorescu, H., Experimental Study Concerning the Thermal Transfer Influence through Double Stratified Insulated Panels used in Housing Construction. Part II. 2nd International Conference „Computational Mechanics and Virtual Engineering”, COMEC 2007, Braşov, 11-13 oct. 2007.

49. **Scutaru,L.**, Vlase,S., Teodorescu,H., Experimental Study Concerning the Thermal Transfer Influence through Double Stratified Insulated Panels used in Housing Construction. Part I. 2nd International Conference „Computational Mechanics and Virtual Engineering”, COMEC 2007, Braşov, 11-13 oct. 2007.
50. Teodorescu,V., Vlase, S., **Scutaru,L.**, Purcărea, R., Mechanical Behaviour of Non-pretensioned Glass Fiber Reinforced Composite Tubes Subjected to Internal Pressure. 2nd International Conference „Computational Mechanics and Virtual Engineering”, COMEC 2007, Braşov, 11-13 oct. 2007.
51. Teodorescu,H., Vlase,S., **Scutaru,L.**, Stanciu,A., On the Mechanical Behaviour of some Filament Winding Composites Tubes Subjected to Internal Pressure. 2nd International Conference „Computational Mechanics and Virtual Engineering”, COMEC 2007, Braşov, 11-13 oct. 2007.
52. **Scutaru L.**, Vlase S., Teodorescu H., Vasii M., *Four major challenges that support the optimization of the heating systems used in building construction*, COMEC 2007, Brasov, Romania, ISBN 978-973-598-117-4, 11– 13 October 2007.
53. **Scutaru L.**, Vlase S., Teodorescu H., Experimental study concerning the thermal transfer influence through double stratified insulated panels used in housing construction. Part II COMEC 2007, Brasov, Romania, ISBN 978-973-598 - 117-4, 11 – 13 October 2007.
54. **Scutaru L.**, Vlase S., Teodorescu H., Experimental study concerning the thermal transfer influence through double stratified insulated panels used in housing construction. Part I. COMEC 2007, , Brasov, Romania, ISBN 978-973-598-117-4, 11 – 13 October 2007.
55. Teodorescu H., Vlase S., **Scutaru L.**, Purcarea R., Mechanical behavior of non-pretensioned glass fabric reinforced composite tubes to internal pressure, COMEC 2007, Brasov, Romania, ISBN 978-973-598-117-4, 11 – 13 October 2007.
56. Teodorescu H., Vlase S., **Scutaru L.**, Stanciu A., On the mechanical behavior of some filament winding composite tubes subjected to internal pressure, 2nd International Conference “Advanced Composite Materials Engineering ” COMEC 2007, Brasov, Romania, ISBN 978-973-598-117-4, 11 – 13 October 2007.
57. Teodorescu Horatiu, Vlase Sorin, **Scutaru Luminita**, Purcarea Ramona, Aspecte privind mecanica structurilor composite stratificate solicitate biaxial ,buletinul celei de a XXXI-a Conferinta Nationale de Mecanica Solidelor, ISBN 978-9975-45-048-2, pg.62, Chisinau 27-29 septembrie, 2007.
58. Vlase Sorin, **Luminita Scutaru**, Anca Patranescu, On the Topological Description of the Multibody Systems ECCOMAS Conference Multibody Dynamics 2007- Milano, pg.279, 25-28 June 2007.
59. Teodorescu, H., Vlase, S., Candea, I., **Scutaru, L.**, Estimation of Homogenized Elastic Coefficients of Pre-impregnated Composite Materials. Studies in Mechanics, Environment and Geoscience. Proceedings of the 2nd IASME/WSEAS Int. Conf. on Continuum Mechanics, Portorose, Slovenia, p. 134-139, ISSN 1790-5095, ISBN 978-960-8457-70-6, 15-17 May 2007.
60. **Luminita Scutaru**, Sorin Vlase, Horatiu Teodorescu , Study of Vibration Suppression of Mechanical Systems with Elastic Elements, Proceedings of the 9th WSEAS International Conference on Mathematical Methods and Computational Techniques in Research and Education , Arcachon, France, October 13-15, ISSN:1790-5117, ISBN: 978-960-6766-08-4, pg.294, 2007.
61. Sorin Vlase, Horatiu Teodorescu, **Luminita Scutaru**, On the Form of the Motion Equations of the Multibody Systems with Elastic Elements, WSEAS TRANSACTIONS on SYSTEMS , Issue 1, Volume 6, January 2007, ISSN 1109-2777, pg.190.
62. Vasii M., **Scutaru L.**, Power transmissions on electric cars, part I International Workshop “Advanced Researches in Computational Mechanics and Virtual Engineering ”, 18 – 20 October 2006, Brasov, Romania Workshop, ISBN 973-635-823-2

63. Cherches M., **Scutaru L.**, Chereches N., Possibilitate de mesure de la conductivite thermique de materiaux poreux humides, International Conference "Advanced Composite Materials Engineering " COMAT 2006, 19 – 22 October 2006, Brasov, Romania, ISBN 973-635-821-8
64. Goia I., Rosu D., Teodorescu H., **Scutaru L.**, Tensile and bending tests of an advanced ultra-lightweight sandwich composite structure, International Conference "Advanced Composite Materials Engineering " COMAT 2006, 19 – 22 October 2006, Brasov, Romania, ISBN 973-635-821-8.
65. **Scutaru L.**, Teodorescu H., Văsii Marian., Experimental study concerning the internal strains of wood while drying, International Conference "Advanced Composite Materials Engineering " COMAT 2006, 19 – 22 October 2006, Brasov, Romania, ISBN 973-635-821-8, pg.192-194.
66. **Scutaru L.**, Teodorescu H., - " *Study concerning the thermo transfer by using "sandwich structure"*, International Conference "Advanced Composite Materials Engineering " COMAT 2006, 19 – 22 October 2006, Brasov, Romania, ISBN 973-635-821-8, pg.70-73
67. Goia I., Rosu D., Teodorescu H., **Scutaru L.**, - " *Tsail-hill criterion for fiber reinforced composite laminates applied to a cylindric tank* " , International Conference "Advanced Composite Materials Engineering " COMAT 2006, 19 – 22 October 2006, Brasov, Romania, ISBN 973-635-821-8, pg.65-69
68. Teodorescu H., Vlase S., **Scutaru L.**, Dynamic analysis of an ultra-lightweight sandwich composite structure, International Conference "Advanced Composite Materials Engineering " COMAT 2006, 19 – 22 October 2006, Brasov, Romania, ISBN 973-635-821-8, pg.51-57.
69. Cherches M., **Scutaru L.**, Modelation de la conductivite thermique apparente dans un milieu poreux 1st International Conference Computational Mechanics and Virtual Engineering COMEC 2005, 20-22 october, Brasov.
70. **Scutaru L.**, Effects of continuous pressing with and without cooling 1st International Conference Computational Mechanics and Virtual Engineering COMEC 2005, 20-22 october, Brasov
71. **Scutaru L.**, Aspects concerninig the influence of cutting tools of wood, 1st International Conference Computational Mechanics and Virtual Engineering COMEC 2005, 20-22 october, Brasov

ALTE LUCRĂRI / REALIZARI RELEVANTE

Conferințe naționale

1. Teodorescu, H., Vlase,S., **Scutaru,L.**, Purcărea, R., Aspecte privind mecanica materialelor compozite stratificate sollicitate biaxial. Buletinul celei de a XXXI - a Conferinta Nationala de Mecanica Solidelor, p.62-65, -29 septembrie 2007, Universitatea Tehnica a Moldovei, Chisinau, Republica Moldova, (2007).
2. **Maria-Luminita Scutaru**, Sorin Vlase, Horatiu Teodorescu, Research concerning thermal loss calculation, ANNALS of the ORADEA UNIVERSITY, Fascicle of Management and Technological engineering, volume VI(XVI), May 26-27, 2007, pg.73, (2007)
3. **Maria-Luminita Scutaru**, Sorin Vlase, Horatiu Teodorescu, Aspects concerning the thermic transfer trough insulated panels used in housing construction, ANNALS of the ORADEA UNIVERSITY , Fascicle of Management and Technological engineering, volume VI(XVI), May 26-27, 2007, pg.74, (2007)

4. **Maria-Luminița Scutaru**, Monica Lilioara Cherecheș, Plastifierea și curbarea lemnului în câmp de înaltă frecvență a VIII-A Conferință Științifică Internațională “Tehnologii moderne, calitate, restructurare” TMCR-2006, IAȘI, 25-27 MAI 2006, Tonul LII (LVI) Fasc. 5F pg. 1575-1578, (2006)
5. **Maria-Luminița Scutaru**, Monica Lilioara Cherecheș, Tehnologia fabricării mobilei curbate – curbarea la cald a VIII-A Conferință Științifică Internațională “Tehnologii moderne, calitate, restructurare” TMCR-2006, IAȘI, 25-27 MAI 2006, Tonul LII (LVI) Fasc. 5F pg. 1569-1573, (2006)
6. Monica Lilioara Cherecheș, **Maria-Luminița Scutaru** Investigarea clădirilor IN SITU – etapă necesară în stabilirea unor diagnostice dificile, Annual session of scientific papers “IMIT – ORADEA 2006” , Fascicle of Management and Technological engineering, volume V(XV), May 26-27, 2006,ISSN 1583-0691, (2006).
7. Monica Lilioara Cherecheș, **Maria-Luminița Scutaru**, Incertitudinea de măsurare – cerință a validății rezultatelor încercărilor Annual session of scientific papers “IMIT – ORADEA 2006” , Fascicle of Management and Technological engineering, volume V(XV), May 26-27, 2006,ISSN 1583-0691, (2006)
8. **Scutaru L.**, Metoda diferențelor finite in rezolvarea problemelor staționare plane de transfer termic prin conducție - ecuația căldurii, Conferinta Nationala Stiinta si Ingineria lemnului in Mileniul III , 4-5 Noiembrie 2005, Brasov, (2005).
9. **Scutaru L.**, Metoda diferențelor finite in rezolvarea problemelor staționare plane de transfer termic prin conducție - conservarea energiei Conferinta Nationala Stiinta si Ingineria lemnului in Mileniul III , 4-5 Noiembrie 2005, Brasov, (2005).
10. **Scutaru L.**, Study concerning the low-energy house Second International Conference "Mechanics and Machine Elements" 3-5 November 2005, Sofia, (2005).
11. **Scutaru L.**, The influence of concentrated masses on transverse vibrations of bars Second International Conference "Mechanics and Machine Elements" 3-5 November 2005, Sofia, (2005)
12. Constantin FLORIN, **Scutaru Maria-Luminița.**, Considerații privind optimizarea unor sisteme dinamice- Proceedings CDM 2005 a IV-a Conferință de Dinamica Mașinilor cu participare Internațională, 27-28 mai 2005 Brașov, pg. 121-124, ISBN 973 635- 511 –X, vol. I (2005).
13. **Maria Luminița Scutaru.**, The elements adjustment of cinematics and tehnology machinery for dressings of the distorts with continuous pass –Annual Session of Scientific Papers IMT 2005 (Annals of the Oradea University- fascicle of management and technological engineering), 26-27 mai 2005 Oradea, pg. 130, ISSN 1583-0691 (2005).
14. **Maria Luminița Scutaru.**, Aplication of the Holzer transfer metric method to determine the own vibration frequencies and forms for multistage structures Proceedings of the VIII –th Symposium – Acustica și Vibrațiile Structurilor Mecanice, 26-27 mai 2005 Timișoara, pg. 295-298,ISBN 973-625-283-8 (2005).
15. Constantin Florin, **Scutaru Maria-Luminița.**, Analiza cinematică a mecanismului Șeping Conferința Științifică Internațională TMCR 2005, 19mai-21mai 2005 Chișinău, pg.232-235, ISBN 9975-9875-5-9 vol.3 (2005).
16. **Scutaru Maria-Luminița.**, Realizarea ornamentelor prin deformarea lemnului în matrițe Conferința Științifică Internațională TMCR 2005, 19mai-21mai 2005 Chișinău, pg. 259-261, ISBN 9975-9875-5-9 vol.2 (2005).
17. **Scutaru Maria – Luminița.**, Realizarea ornamentelor în relief prin eroziune mecanică Conferința Științifică Internațională TMCR 2005, 19-21mai 2005 Chișinău, pg. 255-258,ISBN 9975-9875-5-9 vol.2(2005).
18. **Scutaru M.L.**, Constantin F., Analiza comparativă asupra diferitelor tipuri de suprafețe, privind mărimea fluxului termic schimbat prin convecție Lucrările sesiunii Științifice

- Construcții-Instalații CIB 2004, 18-19 Noiembrie Brașov , pg. 329-334, ISBN 973-635-411-3, vol. 2(2004).
19. **Scutaru M.L.**, Constantin F., Metoda de verificare la condens interior în regim staționar de temperatură și vapori bazată pe presiunea vaporilor- Lucrările sesiunii Științifice Construcții- Instalații CIB 2004, 18-19 Noiembrie Brasov, pg. 325-328, ISBN 973-635-411-3 vol.2 (2004).
 20. I. Enescu, **M.Luminița Scutaru**, The research of the influence of the quality of lubricant for the durability of hitness bearings Computing and Solution in Manufacturing Engineering – Cosme '04, 16-18 September 2004, Brasov- Sinaia, pg. 327-328, ISBN 973-635-372-9 (2004).
 21. I. Enescu. **M.Luminița Scutaru**, The research of the influence of the type of lubricant for the rezistance to the rezistance to the wear of the bearings steel, Computing and Solutions in Manufacturing Engineering – Cosme '04, 16-18 September 2004, Brasov-Sinaia , pg. 329-330, ISBN 973-635-372-9 (2004)
 22. **M.Luminița Scutaru** ,Fl.Constantin, Diana L. Cotoros, The critical frequencies of sensor by Pneumatic Spring”- 8th International research/expert conference, Trends in the development of machinery and associated tehnology “ TMT 2004 15-19 September 2004 Nemu Bosnia and Herzegovina, (2004).
 23. Diana I. Cotoros, **Luminita M. Scutaru**, Optimizing Program for a Gyroscopic Device Sensitivity– 8th International research/expert conference “Trends in the development of machinery and associated tehnology” TMT 2004 15-19 September 2004, Nemu Bosnia and Herzegovina, (2004)
 24. Fl. Constantin, **Maria- Luminița Scutaru**, Modelarea vibrațiilor corpului și scaunului tractorului pe roți Buletinul celei de a X-a Conferințe de Vibrații Mecanice cu participare internațională-seria Mecanică, TOM 47(61) Timișoara, 23-24 mai 2002, vol.II, p.107-112, ISSN 1224-6077, (2002)
 25. **Maria-Luminița Scutaru**, Ivan Cismaru, Wood structures and wood-based semiproducts used in timber work basic thermal behavior – 3rd International Conference Wood Science and engineering in the third Millenium – November 20-22th 2002 Brasov , pg. 361-363, ISBN 973-635-078-9 (2002).
 26. **Maria-Luminița Scutaru**, Ivan Cismaru, Psihical characteristics influence on heat transfer phenomena – 3rd International Conference Wood Science and engineering in the third Millenium- November 20-22th 2002 Brasov, pg. 35-38, ISBN 973-635-078-9 (2002)
 27. Fl. Constantin, E. Secară, **Maria- Luminița Scutaru** , Sesizor de frecvențe critice cu arc pneumatic- Buletinul Științific al celei de a XXVI-a Conferință Națională de Mecanica Solidului cu participare internațională, Brăila 14-15 iunie 2002, pg. 259-262, ISBN 973-8132-28-2 (2002).

Sesiuni de comunicări naționale

1. Teodorescu,H., Vlase,S., Modrea, A., **Scutaru,L.M.**, Stanciu,A., Stiffness Evaluation Of Some Advanced Composite Laminates Under Off-Axis Loading Systems. Buletinul Universității Târgu-Mureș, 2009.
2. Vlase S., **Scutaru L.**, and Pătrănescu A., ON THE TOPOLOGICAL DESCRIPTION OF THE MULTIBODY SYSTEMS. 2nd Conference on Optometry and Medical Engineering, Brasov, iunie, 2008.
3. S. Vlase, V. Mihalcică, R. Hisom, L. **Scutaru, M.L.**, Dragu, I. Popa, Vibration Supresion of a Mechanical System. COPTOMIM, 2nd Conference on Optometry and Medical Engineering, Brasov, iunie, 2008, (2008).

4. Teodorescu, H., Vlase, S., Goia, I., **Scutaru, L.**, Stanciu, A., Vasii, M., Tensile behaviour of composite specimens made from chopped strand mat reinforced polyester resin. 24th Danubia-Adria Symposium on Developments in Experimental Mechanics, 19-22 septembrie 2007, p.255-257, Sibiu., (2007)
5. **Scutaru Maria- Luminița.**, Elemente de cinematică necesare prelucrării torsadelor cu pas constant Primul Simpozion “Tendințe Moderne în Mecanica”, 6 mai 2005 Brașov, (2005)
6. **Scutaru Maria- Luminița.**, Determinare câmpului de temperatură cu ajutorul modelării electrice prin rețele- Primul Simpozion “Tendințe Moderne în Mecanica”, 6 mai 2005 Brașov, (2005)

Data: 04.05.2015

dr.ing. SCUTARU Maria Luminița

