



Professor Mohammad Reza Eslami

See:

http://en.wikipedia.org/wiki/Mohammad_Reza_Eslami

Mechanical Engineering

Tehran Polytechnic (Amirkabir University of Technology), Tehran, Iran

-----The following is from Wikipedia, the free encyclopedia:

Education:

Ph.D. – Louisiana State University, Baton Rouge La., USA, 1973

M.Sc. – Louisiana State University, Baton Rouge La., USA, 1970

B.Sc. – Amirkabir University of Technology (Tehran Polytechnic), Tehran, Iran 1968

Recognition and awards:

AIAA Associate Fellow member

Fellow Iran Academy of Science, Head of mechanical engineering branch (1992–95), Chairman of Engineering section (2003..)

National Secretary of the ISME Honor members committee.[1]

Distinguished Professor; Amirkabir University of Technology 1991, and 1997, 2002

ASME 1994 Award Plaque, American Society of Mech. Eng. (ASME), ASME-ESDA Conf. London, July 1994

ISME 1996 Plaque recipient, National distinguished Professor

ASME 1996 Award plaque ASME-ESDA conf. Montpellier, France, July 1996

1998 ESDA Award Plaque, Society for Design and Process Science, Third World Conference on Integrated Design and Process Tech.,1998, Berlin, Germany.

ASME Award PLAque, American Society of Mechanical Engineers, Petroleum Div., ESDA 2000 Conference, Montreux, Switzerland, July 10–13, 2000.

ASME Petroleum Div. Medal, American Society of Mechanical Engineers, Petroleum Div., ESDA 2000 Conference, Montreux, Switzerland, July 10–13, 2000.

Nationally distinguished researcher, Ministry of Higher Education, Iran, 2002.

Nationally distinguished Professor, Ministry of Higher Education, Iran, 2003.

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From Iran Review, March 02, 2008:

(http://www.iranreview.org/content/Documents/Professor_”Mohammad_Reza_Eslami”_Wins_Einstein_Medal.htm)

Professor Mohammad Reza Eslami Wins Einstein Medal

Sunday, March 02, 2008

Professor Mohammad Reza Eslami has been awarded an Einstein Medal by the United Nations Educational, Scientific and Cultural Organization (UNESCO) in the course of the 21st International Kharazmi Festival.

Professor Eslami is a prominent researcher of IST institute who has started his scientific activities in 1973 at Tehran Polytechnic University (the present Amir Kabir University of Technology) and became officially a professor in 1989.

Some of his honors include chairing the first conference of the Iranian Society of Mechanical Engineers at University of Tehran, being recognized as top professor by that society in 1995, honored as exemplary university professor of the county, recognized as a lasting figure, as well as senior researcher of university and the Ministry of Science, Research, and Technology.

Dr. Eslami has been doing research at NASA space center from 1970 to 1973. He became a fellow of the American Society of Mechanical Engineers in 2001 for his original scientific work and promotion of engineering at international level. He had become a member of the American Aerospace Institute in 1997.

Dr. Eslami has been chairing the engineering department of the Iranian Academy of Science in the past years and is currently head of the Iranian Society of Mechanical Engineers.

The name of Professor Eslami has been mentioned in more than seven international publications titled “Who’s Who” as a top international researcher.

Publications:

Books:

Editor: " Design: Analysis, Synthesis, and Application, Vol. C " Pub. ASME, New York, 1994 [2]

Co-Editor: " Design: Analysis, Synthesis, and Application, Vol. A" Pub. ASME, New York, 1994

Co-Editor: " Design: Analysis, Synthesis, and Application, Vol. B" Pub. ASME, New York, 1994

Editor: " Computational and Thermomechanic, Proc. ASME-ESDA conf. ASME, New York, 1996

Co-Editor: " General Design Analysis, Considerations and Applications — Education., Vol. 6, SDPS, Texas, 1998.

Author: Theory of Thermoelasticity, (in English), to be published by Amirkabir University Press.

Author: A First Course in Finite Element Analysis, (in English), Amirkabir University Press, 2003

Co-Author with Professor R. B. Hetnarski, Rochester Inst. of Tech., New York, Thermal Stresses-Advanced Theory and Applications, Springer, 2008.

Journal Papers:

1- 1:YASSER KIANI HARCHEGANI - 2:MOHAMMAD REZA ESLAMI - , "An exact solution for thermal buckling of annular FGM plates on an elastic medium" , COMPOSITES PART B-ENGINEERING , Vol.45 , NO.1 , PP.101 _ 110 , 28 January 2013

- 2- 1: - 2:YASSER KIANI HARCHEGANI - 3:Seied Ehsan Esfahani - 4:MOHAMMAD REZA ESLAMI - , "Vibration of Thermo-electrically Post-buckled Rectangular Functionally Graded Piezoelectric Beams" , COMPOSITE STRUCTURES , Vol.98 , NO.1 , PP.143 _ 152 , 02 January 2013
- 3- 1:J. Jahanbakhsh - 2:MOHAMMAD REZA ESLAMI - 3:P.Ghedi - , "Thermal Buckling of Imperfect Deep Functionally Graded Spherical Shell" , JOURNAL OF THERMAL STRESSES , Vol.35 , NO.10 , PP.921 _ 946 , 08 November 2012
- 4- 1:poyan ghaedi - 2:MOHAMMAD REZA ESLAMI - 3:Javad jahanbakhsh - , "Thermoelastic Stability Analysis of Imperfect Functionally Graded Shallow Spherical Shells" , Nonlinear Engineering-Modeling and Application (NLENG) , Vol.1 , NO.1 , PP.11 _ 24 , 07 November 2012
- 5- 1:MOSTAFA SABZIKARBOROUJERDY - 2:MOHAMMAD REZA ESLAMI - , "Thermal buckling of piezo-FGM shallow spherical shells" , MECCANICA , Vol.0 , NO.0 , PP.0 _ 0 , 02 November 2012
- 6- 1: - 2:YASSER KIANI HARCHEGANI - 3:MOHAMMAD REZA ESLAMI - , "Non-linear thermoelectrical stability analysis of functionally graded piezoelectric material beams" , JOURNAL OF INTELLIGENT MATERIAL SYSTEMS AND STRUCTURES , Vol.24 , NO.11 , PP.1 _ 12 , 26 October 2012
- 7- 1:M.Jabbari - 2:S.Karampour - 3:MOHAMMAD REZA ESLAMI - , "Steady state thermal and mechanical stresses of a poro-piezo-FGM hollow sphere" , MECCANICA , Vol.0 , NO.0 , PP.0 _ 0 , 07 October 2012
- 8- 1:mohssen jabbari - 2:mohamad meshkini - 3:MOHAMMAD REZA ESLAMI - , "Nonaxisymmetric Mechanical and Thermal Stresses in FGPPM Hollow Cylinder" , JOURNAL OF PRESSURE VESSEL TECHNOLOGY-TRANSACTIONS OF THE ASME , Vol.134 , NO.0 , PP.1 _ 25 , 30 July 2012
- 9- 1:Ahmad Reza Khorshidvand - 2:Mohsen Jabbari - 3:MOHAMMAD REZA ESLAMI - , "Thermoelastic Buckling Analysis of Functionally Graded Circular Plates Integrated With Piezoelectric Layers" , JOURNAL OF THERMAL STRESSES , Vol.35 , NO.8 , PP.695 _ 717 , 27 June 2012
- 10- 1:YASSER KIANI HARCHEGANI - 2:MOHAMMAD REZA ESLAMI - , "Thermal buckling and post-buckling response of imperfect temperature-dependent sandwich FGM plates resting on elastic foundation" , ARCHIVE OF APPLIED MECHANICS , Vol.82 , NO.7 , PP.891 _ 905 , 19 June 2012
- 11- 1:YASSER KIANI HARCHEGANI - 2:MAHMOUD SHAKERI - 3:MOHAMMAD REZA ESLAMI - , "Thermoelastic free vibration and dynamic behaviour of an FGM doubly curved panel via the analytical hybrid Laplaceâ€Fourier transformation" , ACTA MECHANICA , Vol.223 , NO.6 , PP.1199 _ 1218 , 26 May 2012
- 12- 1:YASSER KIANI HARCHEGANI - 2:Abdolhamid Akbarzadeh - 3:Zengtao Chen - 4:MOHAMMAD REZA ESLAMI - , "Static and dynamic analysis of an FGM doubly curved panel resting on the Pasternak-type elastic foundation" , COMPOSITE STRUCTURES , Vol.94 , NO.8 , PP.2474 _ 2484 , 10 May 2012
- 13- 1:ARASH ZAMANI - 2:Richard B Hetnarski - 3:MOHAMMAD REZA ESLAMI - , "Thermal interfaces by higher order polytope FEM" , JOURNAL OF THERMAL STRESSES , Vol.35 , NO.0 , PP.103 _ 117 , 08 February 2012
- 14- 1:ELAHEH BAGHERIZADEH - 2:YASSER KIANI HARCHEGANI - 3:MOHAMMAD REZA ESLAMI - , "Thermal Buckling of Functionally Graded Material Cylindrical Shells on Elastic Foundation" , AIAA JOURNAL , Vol.50 , NO.2 , PP.500 _ 503 , 23 January 2012
- 15- 1:Abdol hamid akbarzadeh - 2:MOSTAFA ABBASI - 3:MOHAMMAD REZA ESLAMI - , "Coupled thermoelasticity of functionally graded plates based on the third-order shear deformation theory" , THIN-WALLED STRUCTURES , Vol.53 , NO.0 , PP.141 _ 155 , 10 January 2012
- 16- 1:ARASH ZAMANI - 2:Robert Gracie - 3:MOHAMMAD REZA ESLAMI - , "Cohesive and non-cohesive fracture by higher-order enrichment of XFEM" , INTERNATIONAL JOURNAL FOR NUMERICAL METHODS IN ENGINEERING , Vol.0 , NO.0 , PP.0 _ 0 , 01 January 2012
- 17- 1:YASSER KIANI HARCHEGANI - 2:ELAHEH BAGHERIZADEH - 3:MOHAMMAD REZA ESLAMI - , "Thermal and mechanical buckling of sandwich plates with FGM face sheets resting on the Pasternak elastic foundation" , PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART C-JOURNAL OF MECHANICAL ENGINEERING SCIENCE , Vol.0 , NO.0 , PP.1 _ 10 , 12 December 2011
- 18- 1:YASSER KIANI HARCHEGANI - 2:Saeid Taheri - 3:MOHAMMAD REZA ESLAMI - , "Thermal Buckling of Piezoelectric Functionally Graded Material Beams" , JOURNAL OF THERMAL STRESSES , Vol.34 , NO.8 , PP.835 _ 850 , 22 November 2011
- 19- 1:M. H. Mahbadi - 2:MOHAMMAD REZA ESLAMI - , "Cyclic loading behaviour of thick cylindrical vessels under creep deformation" , JOURNAL OF STRAIN ANALYSIS FOR ENGINEERING DESIGN , Vol.46 , NO.8 , PP.727 _ 739 , 01 November 2011

- 20- 1:Mohsen Jabbari - 2:Hamid Dehbani - 3:MOHAMMAD REZA ESLAMI - , "An Exact Solution for Classic Coupled Thermoelasticity in Cylindrical Coordinates" , JOURNAL OF PRESSURE VESSEL TECHNOLOGY-TRANSACTIONS OF THE ASME , Vol.133 , NO.5 , PP.1 _ 10 , 01 October2011
- 21- 1:ELAHEH BAGHERIZADEH - 2:YASSER KIANI HARCHEGANI - 3:MOHAMMAD REZA ESLAMI - , "Mechanical buckling of functionally graded material cylindrical shells surrounded by Pasternak elastic foundation" , COMPOSITE STRUCTURES , Vol.93 , NO.11 , PP.3063 _ 3071 , 01 October2011
- 22- 1:MOJTABA SEDIGHI - 2:MOHAMMADHOSEIN BENAVIDI - 3:MOHAMMAD REZA ESLAMI - , "Improvement of thermo-mechanical properties of transversely flexible sandwich panels by functionally graded skins" , JOURNAL OF SANDWICH STRUCTURES & MATERIALS , Vol.13 , NO.5 , PP.539 _ 577 , 19 September2011
- 23- 1:YAGHOUB DABIRI - 2:SIAMAK NAJARIAN - 3:MOHAMMAD REZA ESLAMI - 4:Saeed Zahedi - 5:David Moser - 6:Elham Shirzad - , "A Computer Simulation of The Effect of Muscle Loss on HIP Joint Effort During The Stance Phase of Transfermoral Amputte Gait" , BIOMEDICAL ENGINEERING-APPLICATIONS BASIS COMMUNICATIONS , Vol.23 , NO.5 , PP.369 _ 376 , 28 August2011
- 24- 1:AMIN KOMEILI - 2:ABDOLHAMID AKBARZADEH SHAFAROUDI - 3:AREZOU DOROUSHI - 4:MOHAMMAD REZA ESLAMI - , "Static Analysis of Functionally Graded Piezoelectric Beams under Thermo-Electro-Mechanical Loads" , Advances in Mechanical Engineering , Vol.2011 , NO.153731 , PP.1 _ 10 , 23 August2011
- 25- 1:SEYED KASRA HOSSEINI ZAD - 2:AMIN KOMEILI - 3:MOHAMMAD REZA ESLAMI - 4:SHAHRIAR FARIBORZ - , "Classical and generalized coupled thermoelasticity analysis in one-dimensional layered media" , ARCHIVE OF APPLIED MECHANICS , Vol.0 , NO.0 , PP.1 _ 16 , 26 July2011
- 26- 1:YASSER KIANI HARCHEGANI - 2:Mehdi Rezaei - 3:Saeid Taheri - 4:MOHAMMAD REZA ESLAMI - , "Thermo-electrical buckling of piezoelectric functionally graded material Timoshenko beams" , International Journal of Mechanics and Materials in Design , Vol.7 , NO.3 , PP.185 _ 197 , 04 July2011
- 27- 1:Mohsen Jabbari - 2:Mohsen Meshkini - 3:MOHAMMAD REZA ESLAMI - , "Mechanical and Thermal Stresses in a FGPM Hollow Cylinder due to Radially Symmetric Loads" , ISRN mechanical engineering , Vol.2011 , NO.291409 , PP.1 _ 9 , 21 June2011
- 28- 1:Mohammad Bagher Nazari - 2:Mahmoud Shariati - 3:MOHAMMAD REZA ESLAMI - 4:Behrooz Hassani - , "Computation of Stress Intensity Factor in Functionally Graded Plates under Thermal Shock" , STROJNISKI VESTNIK-JOURNAL OF MECHANICAL ENGINEERING , Vol.57 , NO.0 , PP.622 _ 632 , 20 June2011
- 29- 1:Babak Mirzavand - 2:MOHAMMAD REZA ESLAMI - , "A Closed-Form Solution for Thermal Buckling of Piezoelectric FGM Hybrid Cylindrical Shells with Temperature Dependent Properties" , MECHANICS OF ADVANCED MATERIALS AND STRUCTURES , Vol.18 , NO.3 , PP.185 _ 193 , 29 April2011
- 30- 1:Saeid Yazdani - 2: - 3:Mohsen Jabbari - 4:MOHAMMAD REZA ESLAMI - , "Thermal Buckling of Piezoelectric Composite Beam" , International Scholarly Research Network Mechanical Engineering , Vol.2011 , NO.0 , PP.1 _ 11 , 21 April2011
- 31- 1:ARASH ZAMANI - 2:MOHAMMAD REZA ESLAMI - , "Embedded Interfaces by Polytope FEM" , INTERNATIONAL JOURNAL FOR NUMERICAL METHODS IN ENGINEERING , Vol.0 , NO.0 , PP.0 _ 0 , 07 April2011
- 32- 1:Mohsen Jabbari - 2:Saeid Karampour - 3:MOHAMMAD REZA ESLAMI - , "Radially Symmetric Steady State Thermal and Mechanical Stresses of a Poro FGM Hollow Sphere" , International Scholarly Research Network Mechanical Engineering , Vol.2011 , NO.0 , PP.1 _ 7 , 23 March2011
- 33- 1:Babak Mirzavand - 2:MOHAMMAD REZA ESLAMI - , "A closed-form solution for thermal buckling of piezoelectric FGM rectangular plates with temperature-dependent properties" , ACTA MECHANICA , Vol.218 , NO.0 , PP.87 _ 101 , 21 March2011
- 34- 1: - 2:ELAHEH BAGHERIZADEH - 3:MOHAMMAD REZA ESLAMI - , "Thermal buckling of clamped thin rectangular FGM plates resting on Pasternak elastic foundation (Three approximate analytical solutions)" , ZAMM-ZEITSCHRIFT FUR ANGEWANDTE MATHEMATIK UND MECHANIK , Vol.91 , NO.7 , PP.581 _ 593 , 21 March2011
- 35- 1:Ahmad Raeisi Najafi - 2:Kaveh PourAkbar Saffar - 3:AhmadReza Arshi - 4:ERFAN MALLAKIN - 5:HAMID REZA KATOUIZIAN - 6:MOHAMMAD REZA ESLAMI - 7:Manssour H. Moeinzadeha - ,

- "Propagation of Microcracks in Bovine Osteonal Cortical Bone" , Akademia , Vol.1 , NO.1 , PP.1 _ 7 , 20 March2011
- 36- 1:ARASH ZAMANI - 2:Richard B. Hetnarski - 3:MOHAMMAD REZA ESLAMI - , "Second Sound in A Cracked Layer Based on Lord-Shulman Theory" , JOURNAL OF THERMAL STRESSES , Vol.34 , NO.3 , PP.181 _ 200 , 01 March2011
- 37- 1:AREZOU DOROUSHI - 2:MOHAMMAD REZA ESLAMI - 3:AMIN KOMEILI - , "Vibration Analysis and Transient Response of an FGPM Beam Under Thermo-Electro-Mechanical Loads using Higher-Order Shear Deformation Theory" , JOURNAL OF INTELLIGENT MATERIAL SYSTEMS AND STRUCTURES , Vol.22 , NO.0 , PP.231 _ 243 , 02 February2011
- 38- 1:Reza Shahsiah - 2:MOHAMMAD REZA ESLAMI - 3:MOSTAFA SABZIKARBOROUJERDY - , "Thermal instability of functionally graded deep spherical shell" , ARCHIVE OF APPLIED MECHANICS , Vol.81 , NO.10 , PP.1455 _ 1471 , 01 February2011
- 39- 1:ARASH ZAMANI - 2:MOHAMMAD REZA ESLAMI - , "Gradient-enhanced damage modeling of cracked bodies by reproducing kernel element method" , COMPUTER METHODS IN APPLIED MECHANICS AND ENGINEERING , Vol.213-216 , NO.0 , PP.266 _ 288 , 31 January2011
- 40- 1:ABDOLHAMID AKBARZADEH SHAFAROUDI - 2:SEYED KASRA HOSSEINI ZAD - 3:MOHAMMAD REZA ESLAMI - 4:MOJTABA SEDIGHI - , "Mechanical behaviour of functionally graded plates under static and dynamic loading" , Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science , Vol.225 , NO.2 , PP.326 _ 333 , 24 January2011
- 41- 1:ARASH AFSHAR - 2:MOSTAFA ABBASI - 3:MOHAMMAD REZA ESLAMI - , "Two-Dimensional Solution for Coupled Thermoelasticity of Functionally Graded Beams Using Semi-Analytical Finite Element Method" , MECHANICS OF ADVANCED MATERIALS AND STRUCTURES , Vol.18 , NO.3 , PP.327 _ 336 , 21 January2011
- 42- 1:ABDOLHAMID AKBARZADEH SHAFAROUDI - 2:MOSTAFA ABBASI - 3:SEYED KASRA HOSSEINI ZAD - 4:MOHAMMAD REZA ESLAMI - , "Dynamic analysis of functionally graded plates using the hybrid Fourier-Laplace transform under thermomechanical loading" , MECCANICA , Vol.46 , NO.6 , PP.1373 _ 1392 , 01 January2011
- 43- 1:YAGHOUB DABIRI - 2:SIAMAK NAJARIAN - 3:MOHAMMAD REZA ESLAMI - 4:S.ZAHEDI - 5:D.MOZER - 6:ELHAM SHIRZAD - 7:M.ALAMI - , "Effect of muscle loss on hip muscular effort during the swing phase of transfemoral amputee gait: A simulation study" , International Journal of Biological and Life Sciences , Vol.6 , NO.4 , PP.234 _ 238 , 01 December2010
- 44- 1:BABAK MIRZAVAND BOROUJENI - 2:MOHAMMAD REZA ESLAMI - , "A closed-form solution for thermal buckling of piezoelectric FGM rectangular plates with temperature-dependent properties" , Acta Mechanica , Vol.0 , NO.0 , PP.0 _ 0 , 17 November2010
- 45- 1:A. Hafezalkotob - 2:MOHAMMAD REZA ESLAMI - , "Thermomechanical Buckling of Simply Supported Shallow FGM Spherical Shells with Temperature-Dependent Material" , Iranian Journal of Mechanical Engineering , Vol.11 , NO.2 , PP.39 _ 65 , 02 September2010
- 46- 1:BABAK MIRZAVAND BOROUJENI - 2:MOHAMMAD REZA ESLAMI - 3:MAHMOUD SHAKERI - , "Dynamic thermal postbuckling analysis of piezoelectric functionally graded cylindrical shells" , Journal of Thermal Stresses , Vol.33 , NO.7 , PP.0 _ 0 , 01 August2010
- 47- 1:AMIR SHOJAEI - 2:MOHAMMAD REZA ESLAMI - 3:H. Mahbadi - , "Cyclic loading of beams based on the Chaboche model" , International Journal of Mechanics and Materials in Design , Vol.6 , NO.3 , PP.217 _ 228 , 31 July2010
- 48- 1: - 2:MOHAMMAD REZA ESLAMI - , "Thermal buckling analysis of functionally graded material beams" , International Journal of Mechanics and Materials in Design , Vol.6 , NO.3 , PP.0 _ 0 , 30 July2010
- 49- 1:ARASH ZAMANI - 2:Robert Gracie - 3:MOHAMMAD REZA ESLAMI - , "Higher order tip enrichment of extended Finite Element Method in thermoelasticity" , COMPUTATIONAL MECHANICS , Vol.46 , NO.6 , PP.851 _ 866 , 01 June2010
- 50- 1:M. Jabbari - 2:H. Dehbani - 3:MOHAMMAD REZA ESLAMI - , "An exact solution for classic coupled thermoelasticity in spherical coordinates" , JOURNAL OF PRESSURE VESSEL TECHNOLOGY- TRANSACTIONS OF THE ASME , Vol.132 , NO.3 , PP.0 _ 0 , 01 June2010
- 51- 1:MOSTAFA ABBASI - 2:Mehdi Sabbaghian - 3:MOHAMMAD REZA ESLAMI - , "Exact Closed-Form Solution of the Dynamic Coupled Thermoelastic Response of a Functionally Graded Timoshenko Beam" , Journal of Mechanics of Materials and Structures , Vol.5 , NO.1 , PP.79 _ 94 , 01 May2010

- 52- 1:S. J. Zakavi - 2:M. Zehsaz - 3:MOHAMMAD REZA ESLAMI - , "The ratchetting behavior of pressurized plain pipework subjected to cyclic bending moment with the combined hardening model" , NUCLEAR ENGINEERING AND DESIGN , Vol.240 , NO.4 , PP.726 _ 737 , 01 April2010
- 53- 1:Mohammad Bagher Nazari - 2:Mahmoud Shariati - 3:MOHAMMAD REZA ESLAMI - 4:Behrouz Hassani - , "Meshless analysis of cracked functionally graded materials under thermal shock" , MECHANIKA , Vol.84 , NO.4 , PP.20 _ 27 , 01 April2010
- 54- 1:AHAD ARMIN - 2:BASHIR BEHJAT KHAJEH - 3:MOSTAFA ABBASI - 4:MOHAMMAD REZA ESLAMI - , "Finite Element Analysis of Functionally Graded Piezoelectric Beams" , Iranian Journal of Mechanical Engineering Transactions of the ISME , Vol.11 , NO.1 , PP.45 _ 73 , 01 March2010
- 55- 1:YAGHOUB DABIRI - 2:SIAMAK NAJARIAN - 3:MOHAMMAD REZA ESLAMI - 4:?. ????? - 5:D.MOZER - 6:ELHAM SHIRZAD ARAGHI - , "Effects of mass and momentum of inertia alternation on individual muscle forces during swing phase of transtibial amputee gait" , KOBE JOURNAL OF MEDICAL SCIENCES , Vol.56 , NO.4 , PP.0 _ 0 , 01 March2010
- 56- 1:ARASH ZAMANI - 2:MOHAMMAD REZA ESLAMI - , "Implementation of the extended finite element method for dynamic thermoelastic fracture initiation" , International Journal of Solids and Structures , Vol.47 , NO.10 , PP.0 _ 0 , 24 January2010
- 57- 1:YAGHOUB DABIRI - 2:SIAMAK NAJARIAN - 3:MOHAMMAD REZA ESLAMI - 4:?. ????? - 5:D.MOZER - 6:ELHAM SHIRZAD ARAGHI - , "A Computer Simulation of the Effects of Mass and Momentum of Inertia Alternation in Individual Muscle Forces During Swing Phase of Transtibial Amputee Gait" , International Journal of Natural and Engineering Sciences , Vol.4 , NO.1 , PP.0 _ 0 , 01 January2010
- 58- 1:ARASH ZAMANI - 2:MOHAMMAD REZA ESLAMI - , "Coupled Dynamical Thermoelasticity of a Functionally Graded Cracked Layer" , Journal of Thermal Stresses , Vol.32 , NO.10 , PP.0 _ 0 , 01 October2009
- 59- 1:AHMAD RAESI NAJAFI - 2:AhmadReza Arshi - 4:MOHAMMAD REZA ESLAMI - 5:SHAHRIAR FARIBORZ - , "A fiber-ceramic matrix composite material model for osteonal cortical bone fracture micromechanics: Solution of arbitrary microcracks interaction" , , Vol. , NO.2 , PP.0 _ 0 , 01 July2009
- 60- 1:YAGHOUB DABIRI - 2:SIAMAK NAJARIAN - 3:MOHAMMAD REZA ESLAMI - 4:SAEED ZADEDI - 5:DEVID MOZER - 6:ELHAM SHIRZAD - , "A Comparison between Intact and Prosthetic Leg Individual Muscle Forces of Transfemoral Amputee Subjects" , Iranian Journal of War and Public Health , Vol.1 , NO.4 , PP.34 _ 37 , 22 June2009
- 61- 3:MOHAMMAD REZA ESLAMI - , "Axisymmetric mechanical and thermal stresses in thick short length FGM cylinders" , International Journal of Pressure Vessels and Piping , Vol.86 , NO.5 , PP.0 _ 0 , 01 May2009
- 62- 1:MOHAMMAD REZA ESLAMI - , "The Effect of Frequency on the Cyclic Strain Accumulation of Plain Stainless Steel Pressurized Cylinders Subjected to Dynamic Bending Moment" , TRENDS IN APPLIED SCIENCES RESEARCH , Vol.4 , NO.4 , PP.0 _ 0 , 09 January2009
- 63- 1:REZA NAJ - 3:MOHAMMAD REZA ESLAMI - , "Thermomechanical Instability of Functionally Graded Truncated Conical Shells With Temperature -Dependent Material" , , Vol. , NO.43 , PP.0 _ 0 , 01 December2008
- 64- 1: - 4:MOHAMMAD REZA ESLAMI - , "Exact Solution for Asymmetric Transient Thermal and Mechanical Stresses in FGM Hollow Cylinders with Heat Source" , , Vol. , NO.5 , PP.0 _ 0 , 01 December2008
- 65- 1:BABAK MIRZAVAND BOROUJENI - 2:MOHAMMAD REZA ESLAMI - , "Thermoelastic Stability Analysis of Imperfect Functionally Graded Cylindrical Shells" , , Vol. , NO.8 , PP.0 _ 0 , 01 October2008
- 66- 1: - 2:MOHAMMAD REZA ESLAMI - , "Elastic -Plastic -Creep Cyclic Loading of Rotating Hollow Disks" , , Vol. , NO.1 , PP.0 _ 0 , 01 September2008
- 67- 1:MOHAMMAD HOSSEIN BABAEI - 2:MOSTAFA ABBASI - 3:MOHAMMAD REZA ESLAMI - , "Coupled Thermoelasticity of Functionally Graded Beams" , , Vol. , NO.8 , PP.0 _ 0 , 01 August2008
- 68- 1: - 2: - 3: - 4:MOHAMMAD REZA ESLAMI - , "Cyclic Strain Accumulation of Plain Stainless Steel Pressurized Cylinders Subjected to Dynamic Bending Moment" , , Vol. , NO.8 , PP.0 _ 0 , 01 August2008
- 69- 1:AHMAD RAESI NAJAFI - 2:ERFAN MALLAKIN - 3: - 4:HAMID REZA KATOUIAN - 5:AhmadReza Arshi - 6:MOHAMMAD REZA ESLAMI - , "Fracture Test of Bovine Contrical Bone ,Evaluation of Bone Toughness Properties and Consideration of Bone Microstructure Effect on Fracture Behavior" , , Vol.0 , NO.0 , PP.0 _ 0 , 22 July2008
- 70- 1:REZA POULTANGARI - 3:MOHAMMAD REZA ESLAMI - , "Functionally graded hollow spheres under non-axisymmetric thermo-mechanical loads" , , Vol. , NO.85 , PP.0 _ 0 , 01 May2008

- 71- 1:AKBAR BAGRI - 2:MOHAMMAD REZA ESLAMI - , "Generalized coupled thermoelasticity of functionally graded annular disk considering the Lord-Shulman theory" , , Vol. , NO.83 , PP.0 _ 0 , 01 April2008
- 72- 1:REZA NAJ - 2:MOSTAFA SABZIKARBOROUJERDY - 3:MOHAMMAD REZA ESLAMI - , "Thermal and Mechanical Instability of Functionally Graded Truncated Conical Shells" , , Vol. , NO.46 , PP.0 _ 0 , 30 January2008
- 73- 1:FARHAD FARMANZAD - 2:SIAMAK NAJARIAN - 3:MOHAMMAD REZA ESLAMI - 4: - , "" , , Vol. , NO.4 , PP.0 _ 0 , 22 December2007
- 74- 1:AKBAR BAGRI - 2:MOHAMMAD REZA ESLAMI - , "A unified generalized thermoelasticity; solution for cylinders and spheres" , , Vol. , NO.49 , PP.0 _ 0 , 01 December2007
- 75- 1:BABAK MIRZAVAND BOROJENI - 2:MOHAMMAD REZA ESLAMI - , "Thermal buckling of simply supported piezoelectric FGM cylindrical shells" , , Vol. , NO.30 , PP.0 _ 0 , 01 December2007
- 76- 1:AKBAR BAGRI - 2:MOHAMMAD REZA ESLAMI - , "Analysis of thermoelastic waves in functionally graded hollow spheres based on the Green-Lindsay theory" , , Vol. , NO. , PP.0 _ 0 , 01 November2007
- 77- 1:SEYED BASHIR SAMSAM SHARIAT - 2:MOHAMMAD REZA ESLAMI - , "Imperfection - Sensitive Buckling Analysis of Rectangular Functionally Graded Plates" , , Vol. , NO.1 , PP.0 _ 0 , 01 July2007
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